2026 General Rate Application

Volume III: Exhibits

May 2026

Revision 1: September 15, 2026

An application to the Board of Commissioners of Public Utilities

Revision History

Revision No.	Revision Date	Location	Reason
1	15-Sept-2026	Volume III, Exhibit 15	Appendices A through C were inadvertently omitted in the original filing.

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2024 Technical Update

2024 TECHNICAL UPDATE

CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES
APPLICABLE TO ELECTRIC PLANT IN SERVICE

Prepared for Newfoundland and Labrador Hydro
September 2025

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September 26, 2025

Newfoundland and Labrador Hydro
Hydro Place, 500 Columbus Drive
P.O. Box 12400
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Attention: Mr. Jason Riddle
Controller LC & Senior Manager Capital
Finance

Dear Mr. Riddle;

Pursuant to your request, we have conducted a depreciation study technical update related to the electric generation, transmission, and distribution plant of Newfoundland and Labrador Hydro ("NL Hydro") as of December 31, 2024. Our report presents a description of the methods used in the estimation of depreciation and net salvage, the statistical analysis of service life and the summary and detailed tabulations of annual and accrued depreciation.

We gratefully acknowledge the assistance of NL Hydro personnel in the completion of the review.

Should you have any questions or concerns, please do not hesitate to contact me directly at 587.997.6489

Yours truly,

Concentric Advisors, ULC

Larry E. Kennedy
Senior Vice President

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SECTION 1

1 UPDATE HIGHLIGHTS

Pursuant to Newfoundland and Labrador Hydro's ("NL Hydro" or the "Company") request, Concentric Advisors, ULC ("Concentric") conducted a technical update related to the electric plant accounts, as of December 31, 2024. The purpose of the update is to determine the annual depreciation accrual rates and amounts applicable to the original cost of electric utility plant, as of December 31, 2024.

This technical update is intended to update the comprehensive depreciation study calculations completed as at December 31, 2022. It is the understanding of Concentric that the depreciation parameters recommended in the 2022 depreciation study were not submitted to the Public Utilities Board of Newfoundland, and as such, have not been tested and approved by the Board. Therefore, Concentric has included the actuarial analysis updated with data through to 2024 and a discussion of the depreciation parameters selected for the review of the Board.

The depreciation rates are based on the Straight-Line method using the Average Life Group ("ALG") procedure and were applied on a Remaining Life basis. The calculations were based on attained ages and estimated average service life and forecasted net salvage characteristics for each depreciable group of assets.

Concentric recommends the calculated annual depreciation accrual rates set forth herein apply specifically to plant in service, as of December 31, 2024, summarized in Tables 1, 1A, and 1B in Section 5 of this report by account detail. Supporting data and calculations are provided as well.

Finally, this update results in an annual depreciation expense accrual related to the recovery of original cost and net salvage requirement of $78.2 million, when applied to depreciable plant balances, as of December 31, 2024, of $3.45 billion. The update results are summarized as follows:

SUMMARY OF ORIGINAL COST, ACCRUAL PERCENTAGES AND AMOUNTS

Current Update Original Cost	2017 Study Original Cost	Current Update Annual Accrual	2017 Study Annual Accrual	Current Update Annual Accrual Percent	2017 Study Annual Accrual Percent
$3,447,496,530	$2,458,776,655	$78,211,656	$56,078,215	2.27%	2.28%

SECTION 2

2 BASIS OF THE UPDATE

2.1 Scope

This update sets forth the results of the depreciation study and technical update for the electric generation, transmission, and distribution assets of NL Hydro, to determine the annual depreciation accrual rates and amounts for book purposes applicable to the original cost of investment as of December 31, 2024. The rates and amounts are based on the Straight-Line Method, incorporating the ALG Procedure applied on a Remaining Life Basis. This update also describes the concepts, methods and judgments which underlie the recommended annual depreciation accrual rates related to the NL Hydro assets in service, as of December 31, 2024.

The service life estimates resulting from the update were based on:

- informed professional judgment which incorporated analyses of historical plant retirement data recorded through December 31, 2024;
- a review of NL Hydro company practice and outlook, as they relate to plant operation and retirement; and
- consideration of current practice in the Electric system industry, including knowledge of service life estimates used for other Electric system companies.

The depreciation accrual rates presented herein are based on generally-accepted methods and procedures for calculating depreciation. The estimated survivor curves used in this update are based on actuarial studies incorporating actual data through 2024 for most accounts.

Amortization accounting is used for certain accounts because of the disproportionate plant accounting effort required in these accounts. Many regulated utilities in North America have received approval to adopt amortization accounting for these types of accounts.

2.2 Plan of Update

This report is presented in the following order:

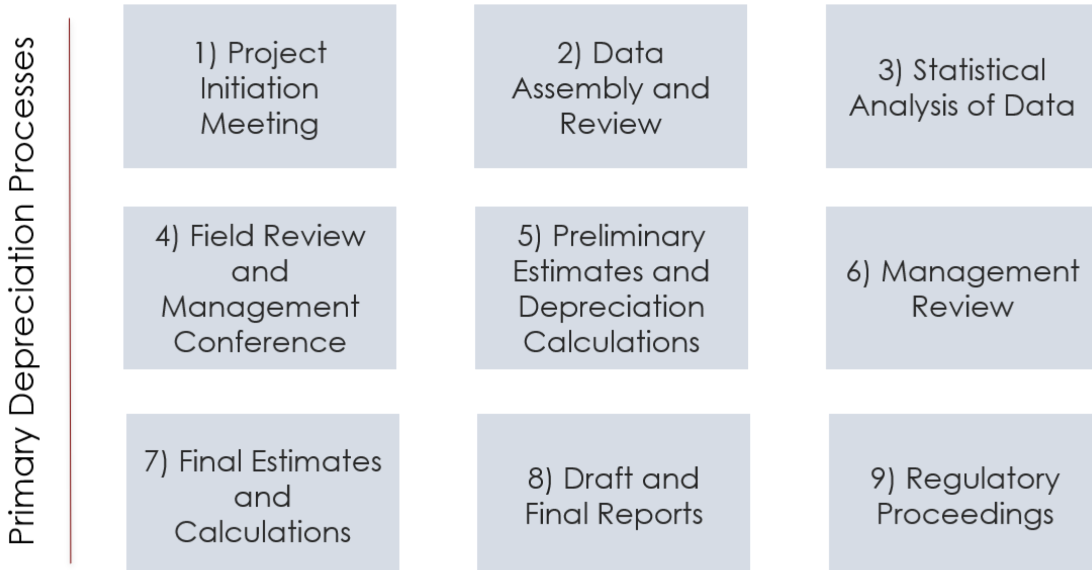
Section 1:	Update Highlights, presents a brief summary of the depreciation study and results
Section 2:	Contains statements with respect to the plan and the Basis of the Update
Section 3:	Development of the Required Depreciation Rates, presents descriptions of the methods used and factors considered in the service life study
Section 4:	Calculation of Annual and Accrued Depreciation, presents the methods and procedures used in the calculation of depreciation
Section 5:	Results of Update, presents summaries by depreciable group of annual and accrued depreciation in Tables 1, 1A, and 1B.
Section 6:	Presents the results of the Retirement Rate Statistics
Section 7:	Presents the results of the Detailed Depreciation Calculations
Section 8:	Estimation of Survivor Curves, is an overview of Iowa curves and the Retirement Rate Analysis

2.3 Depreciation

A full and comprehensive depreciation study includes the following components:

1. supported recommendations regarding Average Service Life estimates for each account;
2. supported recommendations regarding estimated Net Salvage requirements for each account;
3. selection of an appropriate grouping procedure;
4. detailed calculation of the depreciation rate utilizing the estimated Average Service Life and Net Salvage requirements; and
5. a document explaining the procedures followed and justifying the results in a format suitable for submission to senior management and regulatory authorities.

A diagram of the nine primary processes followed by Concentric in the development of the depreciation study is provided below. Each of the steps is undertaken by Concentric using proprietary software.



2.4 Information Provided by NL Hydro

NL Hydro has provided Concentric with the required information, as of December 31, 2024. This information has been compiled from the plant accounting records and includes the following:

- Current balances by vintage year for each account (aged balances) through December 31, 2024. The balances provide the amount of investment sorted by installation year. This file is only inclusive of plant in service and does not include any retirement information;
- retirement transactions for all accounts through December 31, 2024. The transactions include information regarding the transaction year of the retirement, the installation year of the asset being retired, and the original cost of the asset being retired; and
- cost of removal and gross salvage transactions for all accounts requiring the recovery of net salvage through December 31, 2024. The transactions include information regarding the transaction year of the retirement, the costs associated with the retirement, and any gross salvage proceeds from the sale or reuse of the property.

2.5 Data Reconciliation

The above data was reviewed and reconciled to Company control schedules to ensure accuracy and reasonableness in use of the calculations developed in this study. These checks include:

- that the surviving investment by account equals (or can be reconciled to) the Company's gross plant in service and accumulated depreciation ledger balances;
- that the surviving investment in each vintage is not negative. In other words, this check confirms that the sum of retirements from any given vintage have not exceeded the amount of plant additions to the vintage; and
- that any adjusting transactions are properly accounted for within the databases.

SECTION 3

3 DEVELOPMENT OF THE REQUIRED DEPRECIATION RATES

3.1 Depreciation

The development of the depreciation calculations requires the input of an average service life, a retirement dispersion curve (i.e., Iowa curve) and net salvage recommendations (i.e., the depreciation parameters). Additionally, to complete the depreciation calculations, the calculation methods must be established. Specifically, the selection of the depreciation method must establish three types of additional input:

1. the choice of a depreciation method;
2. a basis upon which to apply the method, and
3. in the case of group assets, a procedure to use in grouping the assets.

In this update, the depreciation rates for NL Hydro have been calculated in accordance with the Straight-Line method, the ALG procedure and applied using the Remaining Life technique, with any accumulated depreciation variances imbedded within the remaining life calculations.

Depreciation, as applied to depreciable electric plant, means the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of electric plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among the causes to be given consideration are wear and tear, decay, action of the elements, inadequacy, obsolescence, changes in the art and changes in demand and requirements of public authorities.[1]

When considering the action of the elements, the average service life and net salvage calculations have considered large catastrophic events that have occurred and impacted the life estimates of utilities across North America. The average service life of utilities has been influenced by events including:

- forest fires;
- earthquakes;
- tornadoes;
- ice storms;
- wind-storms;
- large scale flooding;
- fires;
- lightning;
- intentional actions of third parties;
- hoar frost; and
- other natural forces of nature.

[1] The National Association of Railroad and Utilities Commissioners, Uniform System of Accounts for Class A and B Electric Utilities. The Definition used by the Federal Energy Regulatory Commission for Electric is essentially the same.

Depreciation, as used in accounting, is a method of distributing fixed capital costs, less net salvage, over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing electric utility service. Normally, the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service - that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the Straight-Line method of depreciation.

The calculation of annual and accrued depreciation based on the Straight-Line method requires the estimation of survivor curves and is described in the following sections of this report. The development of the proposed depreciation rates also requires the selection of group depreciation procedures, as discussed below.

3.1.1 Update Depreciation Methods and Procedures

When more than a single item of property is under consideration, a group procedure for depreciation is appropriate because normally all of the items within a group do not have identical service lives but have lives that are dispersed over a range of time. There are two primary group procedures, namely, the Average Life Group ("ALG") and Equal Life Group ("ELG") procedures.

In the ALG Procedure, the rate of annual depreciation is based on the average service life of the group. This rate is applied to the surviving balances of the group's cost. A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to the average life is more than fully recouped. Over the entire life cycle, the portion of cost not recouped prior to average life is balanced by the cost recouped subsequent to average life.

In the ELG Procedure, also known as the Unit Summation Procedure, the property group is subdivided according to service life. That is, each equal life group includes that portion of the property which experiences the life of that specific group. The relative size of each equal life group is determined from the property's life dispersion curve. The calculated depreciation for the property group is the summation of the calculated depreciation based on the service life of each equal life unit.

For most accounts, the annual and accrued depreciation were calculated by the Straight-Line Method using the ALG Procedure with an ALG procedure remaining life true-up. For certain General plant accounts, the annual and accrued depreciation are based on amortization accounting. Both types of calculations were based on original cost, attained ages and an estimate of service lives.

Continued monitoring and maintenance of the accumulated depreciation reserve at the account level is recommended.

The depreciation rates calculated in this update were calculated in a similar manner as used in the prior full depreciation study - i.e., using the straight-line method, the ALG Procedure applied on a remaining life basis. The vintaged remaining life approach weighs the calculations of remaining life on an allocation of the actual book accumulated depreciation account by the Calculated Accumulated Depreciation ("CAD") factor determined for each vintage of plant in service. This method is described as a CAD weighted calculation in the Depreciation Systems textbook by Frank K. Wolf and W. Chester Fitch, published by the Iowa State University in 1994 under the title "Adjustments" within the Broad Group Model.

When depreciation rates are calculated utilizing a remaining life technique, the depreciation rate is established by dividing the undepreciated value of each group of assets (after consideration to the net salvage requirements) by the composite remaining life of the group of assets. This calculation is made for each vintage surviving investment as of the date of the update (December 31, 2024), and then composited into a calculation for the account or group as a whole. This calculation requires two estimates:

1. The allocation of actual booked accumulated depreciation for each vintage within each account.

   NL Hydro does not track the booked accumulated depreciation reserve by vintage within each account. Rather, the depreciation expense is calculated at an account level and booked to accumulated depreciation at the same account level. Concentric notes that this is the practice employed by virtually all regulated utilities. As such, the accumulated depreciation by account is allocated within the account to each vintage, on the basis of the calculated accumulated depreciation by vintage. The calculated accumulated depreciation is a function of the estimated survivor curve, the average service life estimate, the net salvage estimates and the achieved age of each vintage.

2. The remaining life of each vintage with each account.

   The estimated remaining life of each vintage is a direct function of the achieved age of each vintage, the estimated survivor curve and the average service life estimate.

Once the above two estimates are determined (the allocated booked reserve by vintage and the average remaining life of each vintage), an annual accrual requirement for each vintage is determined by dividing the net book value for each vintage (considering the estimated future salvage requirements) by the average remaining life of the vintage. The annual requirement for each vintage is summed at the account level and divided into the sum of the accounts original cost surviving as of December 31, 2024.

This process results in each vintage's calculated net book value to be depreciated over an appropriate remaining life. This vintage weighting on CAD approach to the remaining life calculations is widely considered to be the most accurate. Concentric agrees and views this methodology as the correct and most appropriate calculation.

3.1.2 Truncation Cuts

It is commonly accepted within depreciation texts that some data points, particularly towards the end of the Iowa curve, may be less reliable due to the lower amount of exposures that the retirements are calculated on. It is widespread practice to place lesser weighting on these data points through the use of a Truncation Cut (or "T-Cut"). This practice is described in detail in the text "Public Utility Depreciation Practices" compiled and edited by the Staff Subcommittee on Depreciation of the

Finance and Technology Committee of the National Association of Regulatory Utility Commissioners on page 122 where it is stated:

> *A T-cut is used to mathematically perform a function that is automatic in visual fitting (i.e., setting a point beyond which the observed data are considered irrelevant or unreliable and are, therefore, ignored).*
>
> *Careful selection of a T-cut can greatly enhance the reliability of the resulting analysis. Conversely, since the use of a T-cut involves truncating the observed data, careless selection can impair the reliability of subsequent work.*

Concentric has utilized T-cuts throughout the Iowa curve selection where necessary. Where a T-cut has been utilized, Concentric has indicated such in Section 3.2.2 below.

3.2 Estimation of Survivor Curves and Net Salvage

3.2.1 Survivor Curves

The use of an average service life or a property group implies that the various units in the group have different lives. Thus, the average life may be obtained by determining the separate lives of each of the units, or by constructing a survivor curve plotting the number of units which survive at successive ages using the retirement rate method of analysis.

The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the Iowa type curves. The Iowa curves *"…were sorted into three groups according to whether the mode was to the left, approximately coincident with, or to the right of the average-life ordinate. The curves in each of these three groups were then sub-classified in accordance with the height of the mode, taking also into consideration the distance of the mode to the left or right of the average life."* [2] The Iowa curves are described as L-type (i.e. left-moded), R-type (i.e. right-moded), and S-type (i.e. symmetrical). Further development resulted in the introduction of O-type (i.e. origin-moded curves) where the greatest frequency of retirement occurs at the origin, or immediately after age zero. Individual type curves are further depicted with numerical subscripts which represent the relative heights of the modes of the frequency curves within each family.

The program that is used by Concentric for statistical smooth curve fitting utilizes an internal "goodness-of-fit" criterion known as the Residual Measure. This Residual Measure is based on a least squares solution of the differences between the stub curve (or original data points) and smooth survivor curve which also requires a balancing of the differences above and below the stub curve.

The criterion of goodness-of-fit is the mean square of the differences between the points on the stub and fitted smooth survivor curves. The Residual Measure, or standard error of estimate, shown in the output format is the square root of this mean square. As such, the lower the Residual Measure the better the statistical fit between the analyzed Iowa curve and the observed data points.

[2] Robley Winfrey, Statistical Analyses of Industrial Property Retirements, Bulletin 125 revised (Engineering Research Institute, Iowa State University, 1935) 65

Concentric follows the widely used practice of fitting Iowa curves up to one percent of the maximum exposures. This standard practice is utilized to minimize the influence of typically small retirements applied to similarly small exposures which may unduly affect the Iowa curve fitting process. However, Concentric will recognize the observed data points beyond the one percent of maximum exposures if it is determined that the additional data is a valid consideration for life recommendation.

A discussion of the general concept of survivor curves and retirement rate method is presented in Section 8.

3.2.2 Survivor Curve and Net Salvage Judgments

The service life and net salvage estimates used in the depreciation and amortization calculations were based on informed professional judgment which incorporated a review of management's plans, policies and outlook as obtained through a series of interviews with management and subject matter experts, a general knowledge of the electric utility industry, and comparisons of the service life and net salvage estimates from Concentric's studies of other electric utilities. A detailed peer review is compiled to establish a range of reasonableness for the Iowa curve and net salvage estimate for each account. While the peer review is considered an appropriate test of the estimates, it should never be viewed as definitive. Differences in characteristics such as the account structure, climate conditions, regulatory environment, and area of service must always be considered when reviewing a peer study.

The following utilities with similar characteristics to NL Hydro were considered in the peer review:

- ATCO Electric Distribution ("ATCO") – Selected for peer review as ATCO has an extensive distribution network in both large municipalities and rural areas powering north and east central Alberta and is subject to similar forces of retirement. Additionally, the most recent depreciation study was completed by Concentric.
- AltaLink LP – Selected for peer review as AltaLink has an extensive transmission network located throughout Alberta and is subject to similar forces of retirement. Additionally, the depreciation study used in the completion of the peer review was completed by Concentric.
- BC Hydro - Selected for peer review as BC Hydro provides energy to over half of British Columbia and generates their energy through a diverse mix of generation assets. They are subject to similar forces of retirement and additionally the most recent depreciation study was conducted by Concentric.
- ENMAX Power Corporation ("ENMAX") - Selected for peer review as ENMAX has an extensive distribution network throughout the metro area of the city of Calgary and is subject to similar forces of retirement. Additionally, the most recent depreciation study was completed by Concentric.
- FortisAlberta Inc. - Selected for peer review as FortisAlberta has an extensive distribution network throughout the rural areas of Alberta and is subject to similar forces of retirement. Additionally, the most recent depreciation study was completed by Concentric.

- Manitoba Hydro - Selected for peer review as Manitoba Hydro has a distribution network located in both urban and rural areas of Manitoba and is subject to similar forces of retirement. Additionally, the most recent depreciation study was done by Concentric.
- New Brunswick Power ("NB Power") – Selected for peer review as NB Power provides energy to over half of New Brunswick and generates their energy through a diverse mix of generation assets. They are subject to similar forces of retirement and additionally the most recent depreciation study was conducted by Concentric.
- Newfoundland Power ("NL Power") – Selected for peer review as NL Power provides power in Newfoundland and generates their energy through a diverse mix of assets. They are subject to similar forces of retirement.
- Northwest Territories Power Corp. ("NTPC") - Selected for peer review as NTPC has an extensive distribution network in the Northwest Territories and is subject to similar forces of retirement and removal. Additionally, the most recent depreciation study was done by Concentric.

The use of survivor curves, to reflect the expected dispersion of retirement, provides a consistent method of estimating depreciation for electric plant. Iowa type survivor curves were used to depict the estimated survivor curves for the plant accounts not subject to amortization accounting.

The procedure for estimating service lives consisted of compiling historical data for the plant accounts or depreciable groups, analyzing this history through the use of widely accepted techniques, and forecasting the survivor characteristics for each depreciable group on the basis of interpretations of the historical data and the probable future. The forecasting of a probable future life included management and operational staff interviews. The combination of the historical experience and the probable future retirement forces yielded estimated survivor curves from which the average service lives were derived. The resultant depreciation rates are summarized in Tables 1, 1A, and 1B of this report (Section 5).

In order to provide a consolidated depreciation rate, a small number of assets from the following UOP's were combined into single accounts for the purposes of this study:

- G04 – Generator – Windings and P10 – Powerhouse were combined into G03 – Generators
- R03 – Radios – Fixed UHF Equipment was combined with R02 – Radios – Fixed Microwave Equipment
- R05 – Radios – Mobile VHF Base Station was combined with R04 – Radios – Fixed VHF Equipment
- W01 – Water Regulating Structures was combined with S06 – Spillway Structures
- T06 – Transformers Pad Mount, S08 – Static Excitation System, and S09 – Static Excitation Transformers were combined with T05 – Transformers – Other
- W03 – Water Systems – Feed was combined with W04 – Water Treatment

Accounts were grouped (or re-categorized if needed) based on similar asset profiles, average service lives, and Iowa curves. The depreciation rates and parameters discussed in this report are based on the accounting records incorporating this harmonization.

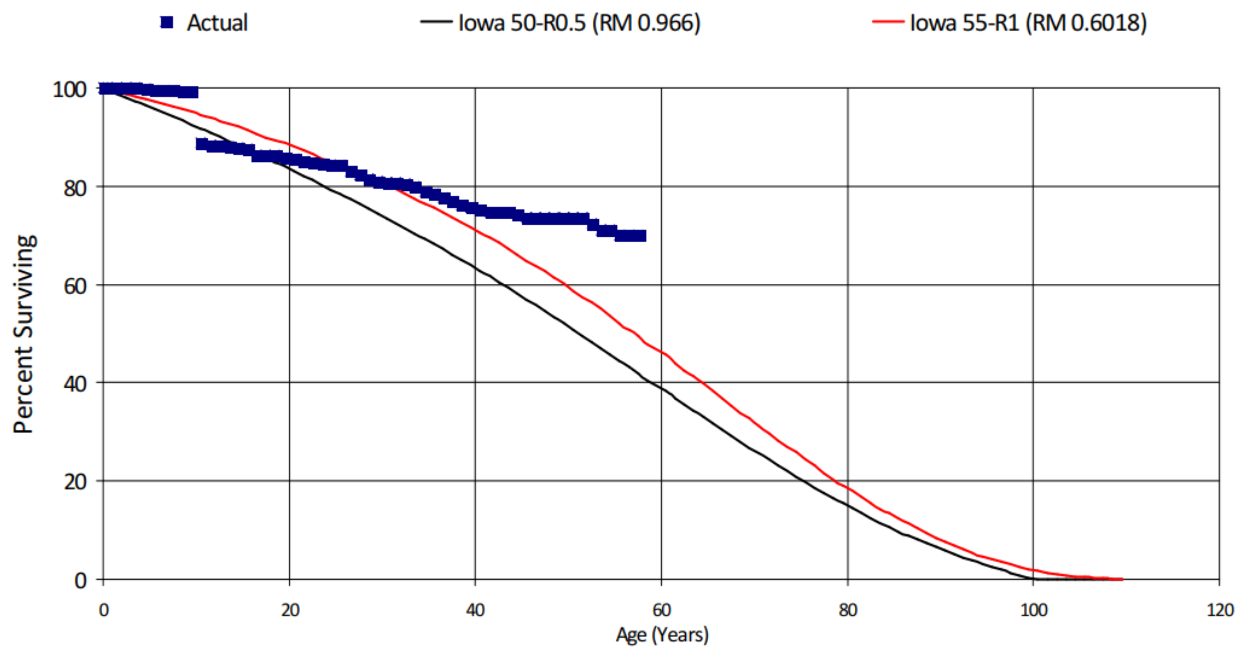
NL Hydro has indicated that there is minimal historical net salvage data. As such, the estimates of net salvage were based on peer comparison and the knowledge and experience of Concentric.

The following discussion, dealing with a number of accounts which comprise the majority of the investment analyzed, presents an overview of the factors considered by Concentric in the determination of the average service life and net salvage estimates. The survivor curve estimates for the remainder of the accounts not discussed in the following sections were based on similar considerations.

ACCOUNT B05 -BUILDINGS - OTHER

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$93,657,208	2.74%	50-R0.5	55-R1	-3%	0%

The investment in Buildings – Other is approximately $93.7 million, representing 2.74 percent of the total depreciated and amortized plant studied. The investment in this account mainly consists of building structures and components including HVAC systems and security. The retirements, additions, and other plant transactions for the period 1965 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $13,771,557 were recorded for the period 1991 through 2024.



The previously applied for life parameter was an Iowa 50-R0.5 with a Residual Measure of 0.966 and the currently recommended life parameter for this account is an Iowa 55-R1 with a Residual Measure of 0.6018 as seen above and on page 6-24. A review of peer Canadian electric utilities generates an average service life recommendation range of 40 to 80 years, placing this account within the range of its peers. It is noted that the peer range for this account may include utilities that track assets of this type in a variety of accounts, including utilities that utilizing as few as one building account in some cases, and multiple different unique accounts in others.

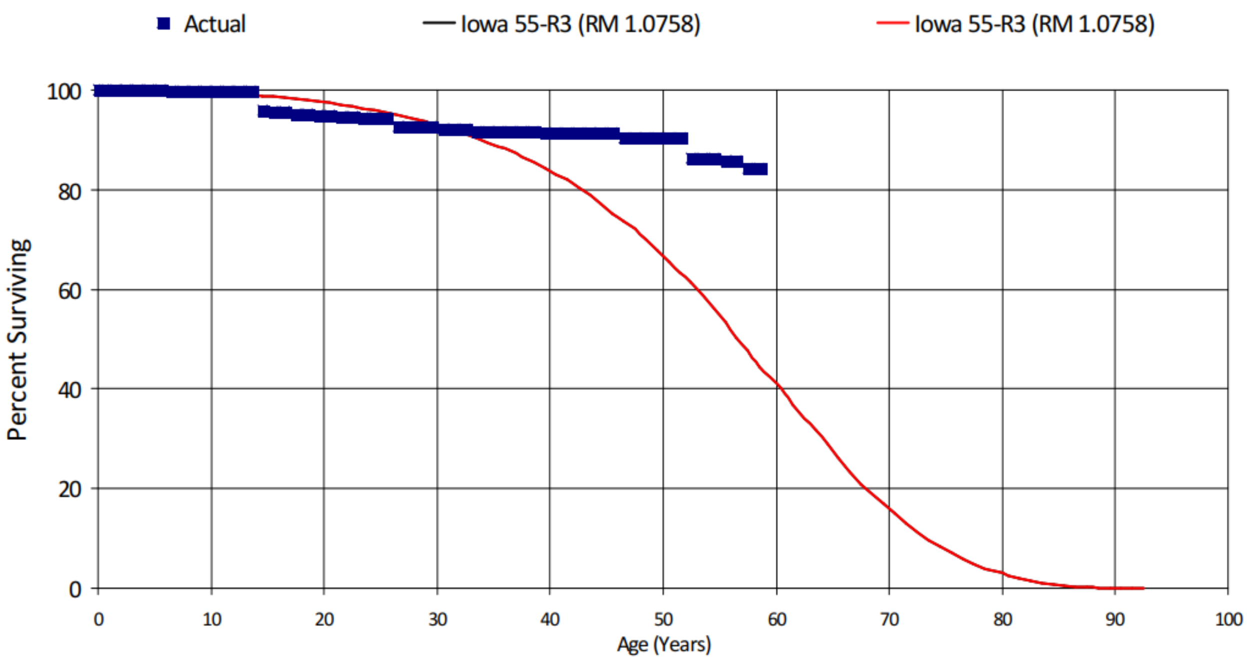
Conversations with management and operational staff has indicated that an average service life recommendation of 55 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 55-R1 is a reasonable expectation for the investment in this account. As such, Concentric recommends using an Iowa 55-R1 to represent the future expectations for the investment in this account.

The peer range for Buildings accounts for net salvage purposes must be viewed in the same lens are they are for life purposes. As each utility tracks various assets in a varying number of building accounts, the net salvage expectations and recommendations are wide ranging. The peer range analyzed for this account is between negative five and negative 25 percent. However, in consideration of the above and knowledge of NL Hydro's capitalization and removal policies, Concentric views 0 percent as a reasonable net salvage expectation. Based on the above, Concentric recommends 0 percent to best represent the future expectations for the equipment in this account.

ACCOUNT B06 - BUILDINGS - METAL

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$54,936,775	1.61%	55-R3	55-R3	-3%	0%

The investment in Buildings – Metal is approximately $55 million, representing roughly 1.61 percent of the total depreciated and amortized plant studied. The investment in this account consists primarily of powerhouse and pump-house structures and components, and metal control buildings in stations. The retirements, additions, and other plant transactions for the period 1965 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $2,356,644 were recorded for the period 2000 through 2024.



The previously applied for and currently recommended life parameter for this account is an Iowa 55-R3 with a Residual Measure of 1.0758 as seen above and on page 6-28. A review of peer Canadian electric utilities generates an average service life recommendation range of 40 to 80 years, placing this account within the range of its peers. It is noted that the peer range for this account may include utilities that track assets of this type in a variety of accounts, including utilities that utilizing as few as one building account in some cases, and multiple different unique accounts in others.

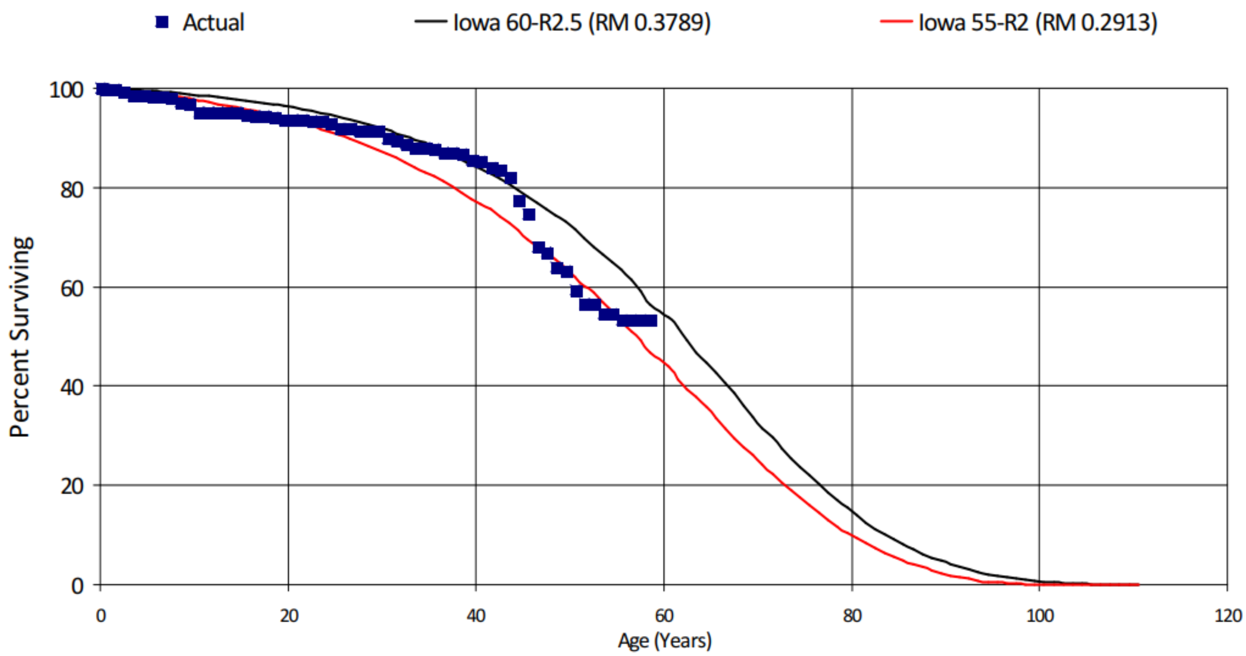
Conversations with management and operational staff have indicated that an average service life recommendation of 55 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 55-R3 is a reasonable expectation for the investment in this account. As such, Concentric recommends maintaining the use of an Iowa 55-R3 to represent the future expectations for the investment in this account.

The peer range for Buildings accounts for net salvage purposes must be viewed in the same lens are they are for life purposes. As each utility tracks various assets in a varying number of building accounts, the net salvage expectations and recommendations are wide ranging. The peer range analyzed for this account is between negative five and negative 25 percent. However, in consideration of the above and knowledge of NL Hydro’s capitalization and removal policies, Concentric views 0 percent as a reasonable net salvage expectation. Based on the above, Concentric recommends 0 percent to best represent the future cost of retirement expectations for the equipment in this account.

ACCOUNT C09 - CIRCUIT BREAKERS

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$110,261,816	3.24%	60-R2.5	55-R2	-8%	-5%

The investment in Circuit Breakers is approximately $110.3 million, representing 3.24 percent of the total depreciated and amortized plant studied. The investment in this account primarily consists of breakers & upgrades, switches, and switchgear. The retirements, additions, and other plant transactions for the period 1965 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $5,814,547 were recorded for the period 1991 through 2024.



The previously applied for life parameter for this account was an Iowa 50-R2.5 with a Residual Measure of 0.3789 and the currently recommended life parameter is an Iowa 55-R2 producing a Residual Measure of 0.2913 as seen above and on page 6-58. The reduction in life of five years from the previously recommended 60-R2.5 is due to the increased levels of interim retirements seen since the previous study was completed. There is only one peer utility that has two accounts that are studied homogeneously enough like NL Hydro's Circuit Breaker account to be a reasonable comparable. They utilize an average service life of 45 years for Breakers, and a 30-year average service life for Circuit Switchers.

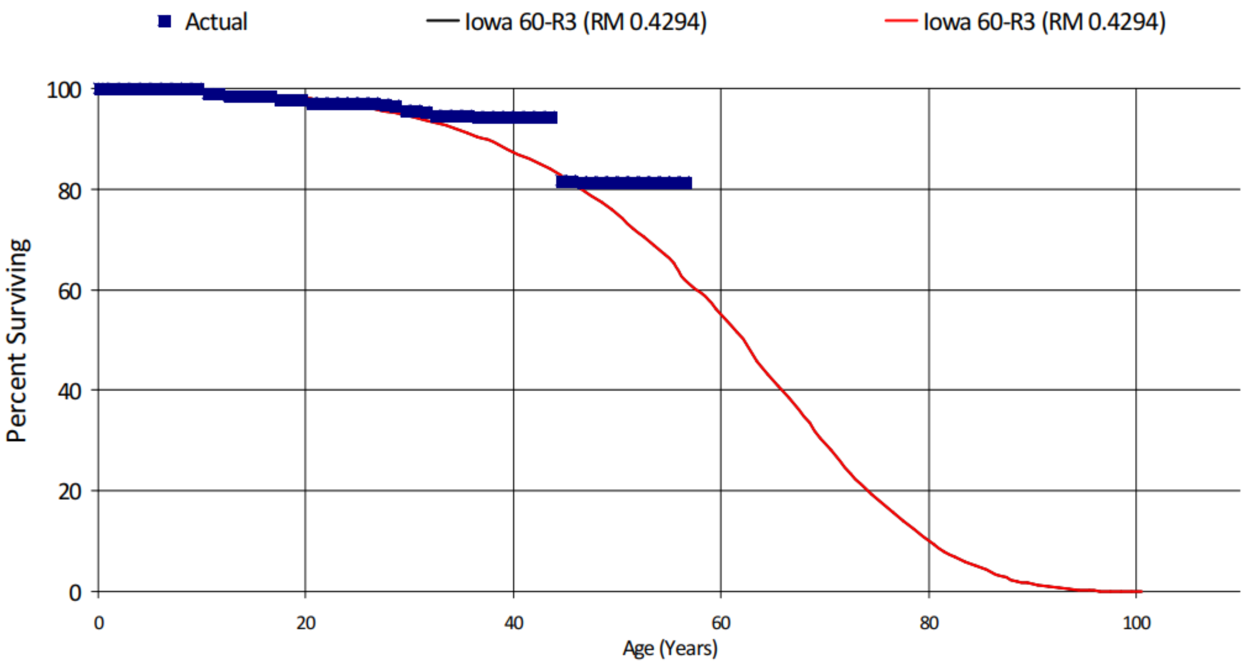
Conversations with management and operational staff have indicated that an average service life recommendation of 55 years is suitable for the future expectations in this account and that it makes more sense at this point in time than the previously approved 60-year life. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 55-R2 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 55-R2 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative eight percent. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative five percent as a net salvage expectation. NL Hydro representatives have indicated that negative five percent is a reasonable estimation for this account at this time. Based on the above, Concentric recommends negative five percent to best represent the future expectations for the equipment in this account.

ACCOUNT C13 -CONDUCTOR - TRANSMISSION

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$87,921,464	2.58%	60-R3	60-R3	-20%	-5%

The investment in Conductor - Transmission is approximately $88 million, representing 2.58 percent of the total depreciated and amortized plant studied. The investment in this account consists primarily of transmission conductor. The retirements, additions, and other plant transactions for the period 1967 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $5,552,893 were recorded for the period 1991 through 2024.



The previously applied for and currently recommended life parameter for this account is an Iowa 60-R3 with a Residual Measure of 0.4294 as seen above and on page 6-69. The data fits both mathematically and visually to the recommended life and curve. A review of peer Canadian electric utilities indicates an average service life recommendation range of 45 to 90 years, placing this account within the range of its peers.

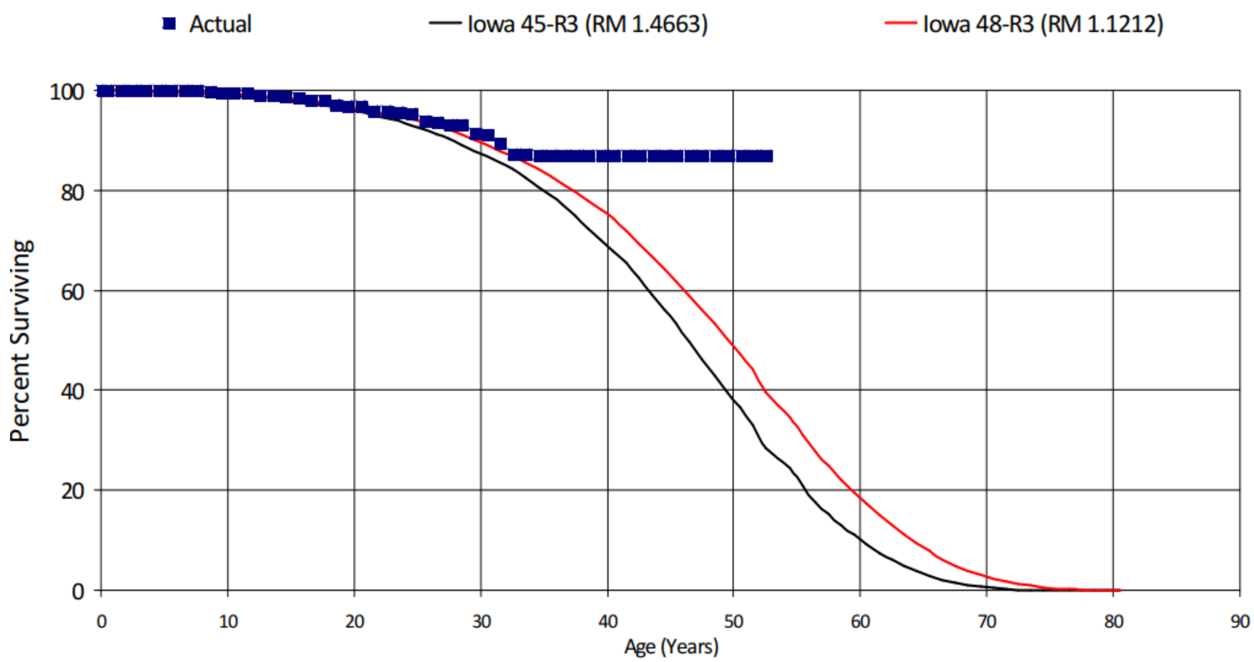
Conversations with management and operational staff have indicated that while there are no major issues with conductor, some smaller communities are converting to electrical power sources which may result in a need to upgrade conductor size. They also indicated that the existing conductor is mainly bare, but there is some coated conductor in the system. Staff revealed that there are no saltwater issues, and that the conductor technology has not changed much. NL Hydro representatives suggested that the current 60-R3 was reasonable for this account. Based on the above, the currently approved Iowa 60-R3 is recommended to best represent the future expectations for the equipment in this account.

The previously approved net salvage recommendation for this account was negative 20 percent. The peer range utilized in selection of the net salvage parameters presented a range between negative 13 and negative 50 percent. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative five percent as a net salvage expectation. NL Hydro representatives have indicated that negative five percent is a reasonable estimation for this account at this time. Based on the above, Concentric recommends negative five percent to best represent the future expectations for the equipment in this account.

ACCOUNT C14 -CONDUCTOR - DISTRIBUTION

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$40,672,011	1.19%	45-R3	48-R3	-14%	-10%

The investment in Conductor – Distribution is approximately $40.7 million, representing 1.19 percent of the total depreciated and amortized plant studied. Investment in this account consists primarily of distribution conductors at 25 kV and below including primary, secondary, and service drop conductors. The retirements, additions, and other plant transactions for the period 1971 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $2,643,829 were recorded for the period 1991 through 2024.



The previously applied for life parameter was an Iowa 45-R3 with a Residual Measure of 1.4663, whereas the currently recommended life parameter for this account is an Iowa 48-R3 producing a Residual Measure of 1.1212 as seen above and on page 6-72. The recommended Iowa 48-R3 fits the data robustly both visually and mathematically. The survivor curve tracks the observed retirement data through roughly age 30, until the data starts to plateau, and the exposures drop below one percent of beginning exposures, indicating data that is less indicative of the account as a whole. A review of peer Canadian electric utilities indicates an average service life recommendation range of 40 to 70 years, placing this account within the range of its peers.

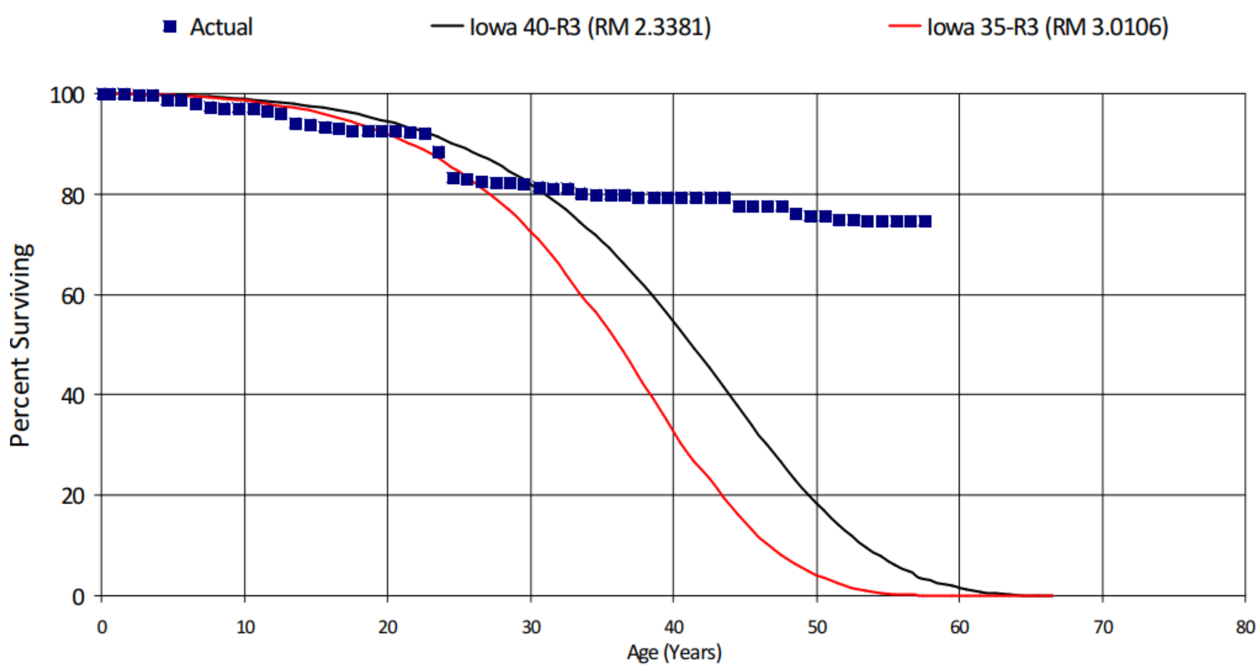
Conversations with management and operational staff indicated that some smaller communities may convert to electrical power sources resulting in a need to upgrade conductor size. They also indicated that the existing conductor is mainly bare but there is some coated conductor and that there are no saltwater issues. NL Hydro representatives agreed that the recommended 48-R3 was reasonable for this account. Based on the above, the currently approved Iowa 48-R3 is recommended to best represent the future expectations for the equipment in this account. Conversations with management and operational staff have indicated that an average service life recommendation of 48 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 48-R3 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 48-R3 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative 14 percent. The peer range utilized in selection of the net salvage parameters presented a range between negative five and negative 65 percent. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative 10 percent as a net salvage expectation. NL Hydro representatives have indicated that negative 10 percent is a reasonable estimation for this account at this time. Based on the above, Concentric recommends negative 10 percent to best represent the future expectations for the equipment in this account.

ACCOUNT C15 – CONTROL, METER, RELAYING

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$58,549,931	1.72%	40-R3	35-R3	0%	0%

The investment in Control, Meter, Relaying is approximately $58.5 million, representing 1.72 percent of the total depreciated and amortized plant studied. The investment in this account primarily consists of plant and turbine protection, control meter/relay including revenue metering, station controls and protection. The retirements, additions, and other plant transactions for the period 1966 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $4,653,965 were recorded for the period 1992 through 2024.



The previously applied for life parameter for this account was an Iowa 40-R3 with a Residual Measure of 2.3381 and the currently recommended life parameter for this account is an Iowa 35-R3 with a Residual Measure of 3.0106 as seen above and on page 6-75. The mathematical fit to data does not provide a robust result due to the long tail of exposures after age 30. A review of peer Canadian electric utilities indicates an average service life recommendation of 25 to 30 years, placing this account on the longer end of peers. However, with a recommendation to shorten the average service life, this account is moving closer to its peers.

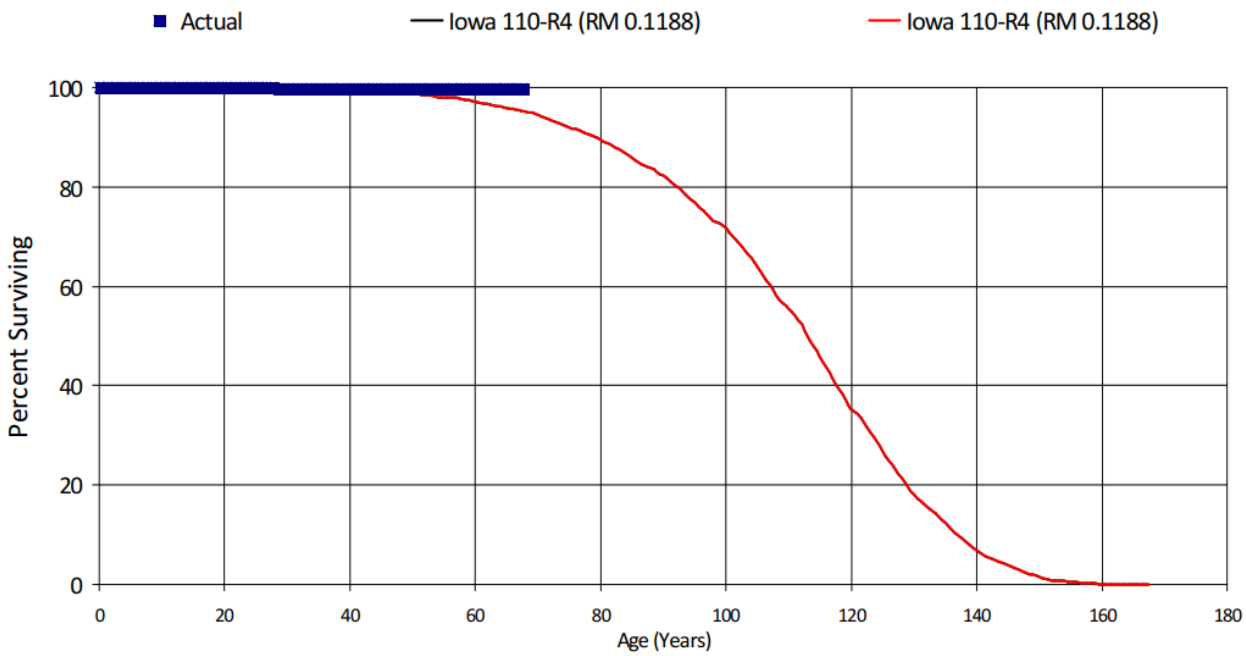
Conversations with management and operational staff have indicated that an average service life recommendation of 35 years is suitable for the future expectations in this account. Various user interfaces for control equipment have been updated and thus the currently approved 40-year life for this account is no longer appropriate. Staff also indicated that some parts required for the operation of assets within this account become obsolete after 15 to 20 years, and that older relays are replaced due to obsolescence of parts. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 35-R3 is a reasonable expectation for the investment in this account. As such, Concentric recommends using an Iowa 35-R3 to represent the future expectations for the investment in this account.

NL Hydro representatives have indicated that 0 percent is a reasonable net salvage expectation for this account. Based on these comments, Concentric recommends 0 percent to best represent the future expectations for the equipment in this account.

ACCOUNT D01 – DAMS, DYKES, CANALS AND TUNNELS

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$364,417,536	10.71%	110-R4	110-R4	-8%	-5%

The investment in Dams, Dykes, Canals and Tunnels is approximately $364.4 million, representing 10.71 percent of the total depreciated and amortized plant studied. The investment in this account primarily consists of dams, dykes, canals, and tunnels and associated costs. The retirements, additions, and other plant transactions for the period 1956 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $876,407 were recorded for the period 2012 through 2024.



The previously applied and currently recommended life parameter for this account is an Iowa 110-R4 with a Residual Measure of 0.1188 as seen above and on page 6-90. The percentage surviving at the end of the observed data (approximately age 70) is to be expected to be as high as there are minimal interim retirements. A review of peer Canadian electric utilities indicates an average service life recommendation range of 70 to 125 years, placing this account within the range of its peers.

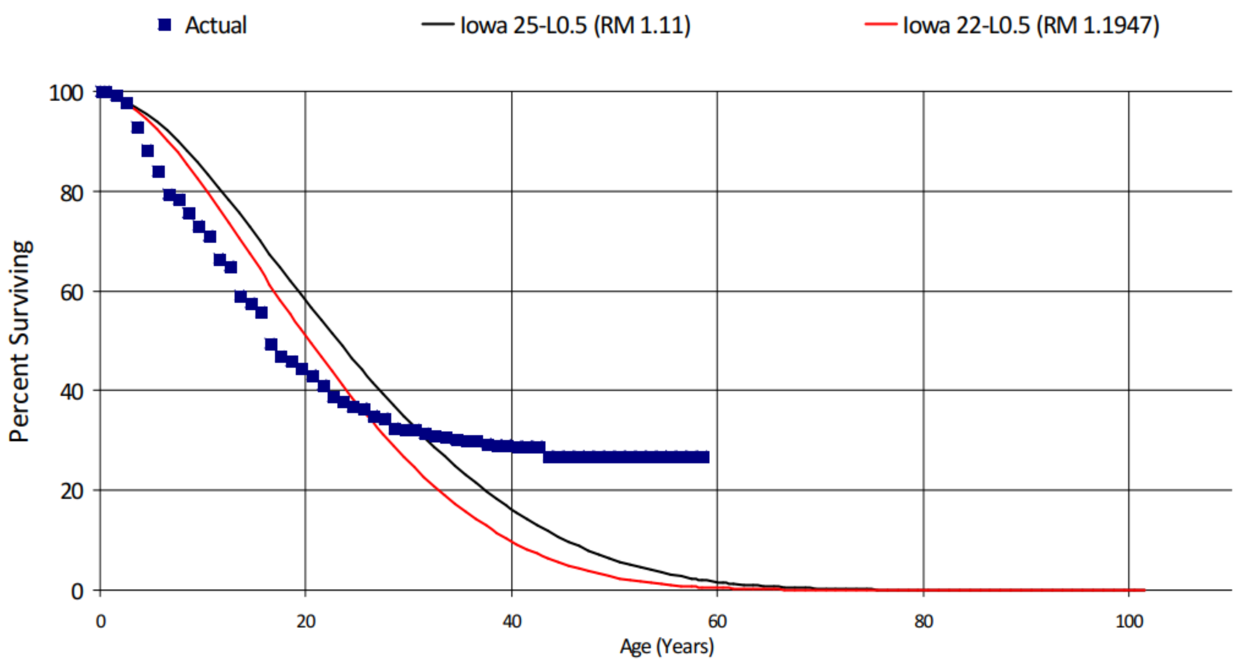
Conversations with management and operational staff indicated that an active condition assessment program along with routine surveillance is utilized. No large capital programs are forecasted other than for routine maintenance. There was agreement that a 110-year life was reasonable for this account. Based on these comments and on the peer comparison of Canadian utilities, an Iowa 110-R4 is recommended to best represent the future expectations for the equipment in this account.

The previously approved net salvage recommendation for this account was negative eight percent. The peer range utilized in the selection of the net salvage parameters presented a range between negative five and negative 30 percent. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative five percent as a net salvage expectation. NL Hydro representatives have indicated that negative five percent is a reasonable estimation for this account at this time. Based on the above, Concentric recommends negative five percent to best represent the future expectations for the equipment in this account.

ACCOUNT D02 – DIESEL SYSTEMS AND ENGINES

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$62,436,506	1.83%	25-L0.5	22-L0.5	-11%	-15%

The investment in Diesel Systems and Engines is approximately $62.4 million, representing 1.83 percent of the total depreciated and amortized plant studied. The investment in this account primarily consists of engines, generators, cooling systems, and switchgear. The retirements, additions, and other plant transactions for the period 1965 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $37,630,045 were recorded for the period 1991 through 2024.



The previously applied for life parameter for this account was an Iowa 25-L0.5 with a Residual Measure of 1.11, the currently recommended life parameter for this account is an Iowa 22-L0.5 with a Residual Measure of 1.1947 as seen above and on page 6-94. When looking at the peer utilities studied as part of the peer review process, there was only one utility that had an account similar in nature to the composition of this account, with an average service life of 26 years.

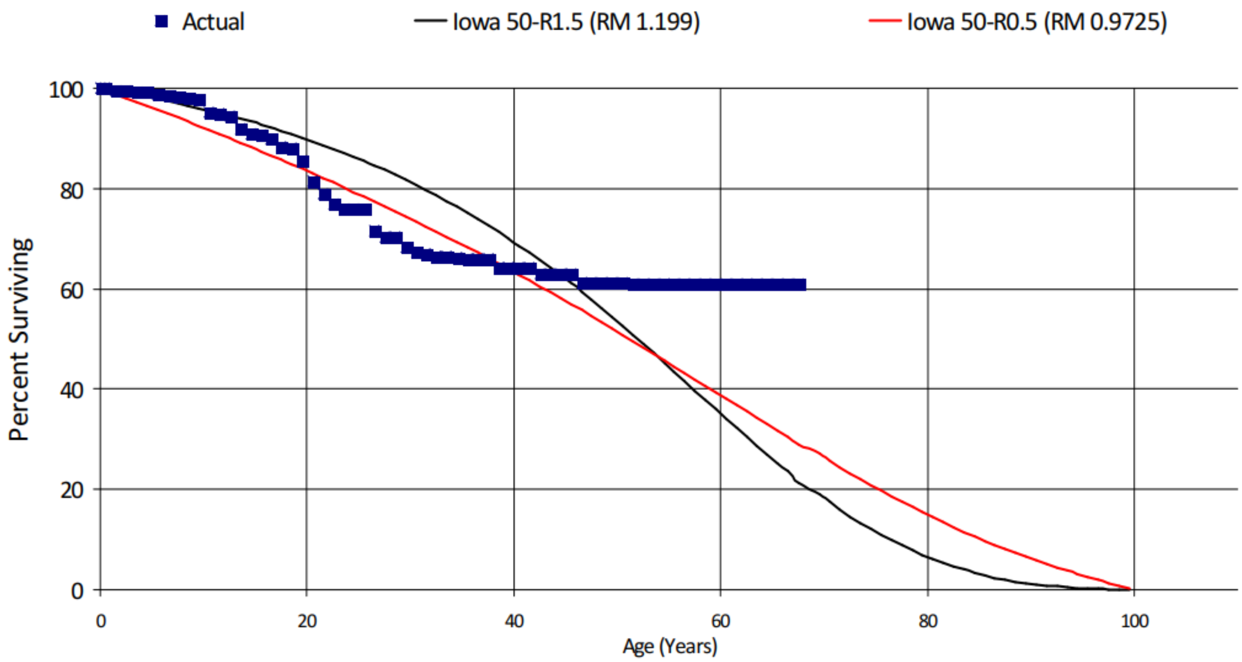
Conversations with management and operational staff have indicated that the average service life recommendation of 22 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 22-L0.5 is a reasonable expectation for the investment in this account. As such, Concentric recommends using an Iowa 22-L0.5 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative 11 percent. The peer range utilized in selection of the net salvage parameters presented a negative 10 percent net salvage rate. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative 15 percent as a net salvage expectation. NL Hydro representatives have indicated that negative 15 percent is a reasonable estimation for this account at this time. Based on the above, Concentric recommends negative 15 percent to best represent the future expectations for the equipment in this account.

ACCOUNT F06 – FUEL SYSTEMS

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$51,166,938	1.50%	50-R1.5	50-R0.5	-11%	-15%

The investment in Fuel Systems is approximately $51.2 million, representing 1.50 percent of the total depreciated and amortized plant studied. The investment in this account primarily consists of fuel systems including storage tanks. The retirements, additions, and other plant transactions for the period 1956 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $5,518,161 were recorded for the period 1991 through 2024.



The previously applied for life parameter for this account was an Iowa 50-R1.5 with a Residual Measure of 1.199 and the currently recommended life parameter for this account is an Iowa 50-R0.5 with a Residual Measure of 0.9725 as seen above and on page 6-127. Concentric has recommended a change in the mode of the Iowa curve to an R0.5 to better fit the early interim retirement experience.

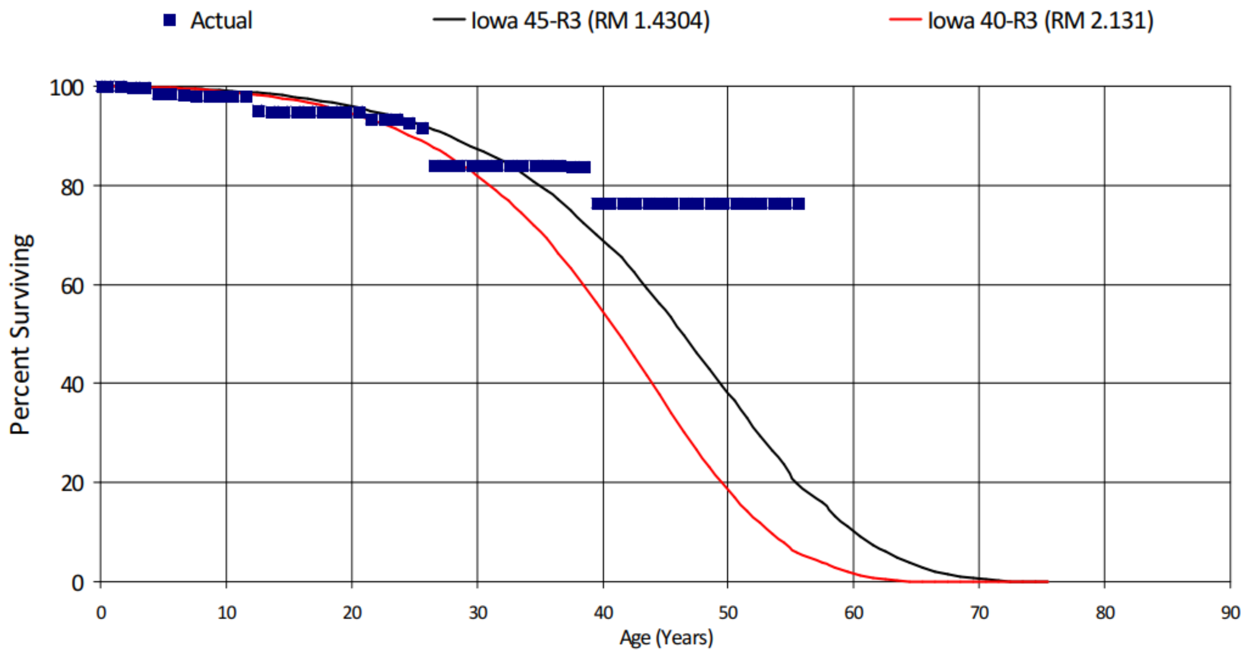
Conversations with management and operational staff have indicated that an average service life recommendation of 50 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 50-R0.5 is a reasonable expectation for the investment in this account. As such, Concentric recommends using an Iowa 50-R0.5 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative 11 percent. The peer range utilized in selection of the net salvage parameters presented a range between negative five and negative 25 percent net salvage. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative 15 percent as a net salvage expectation. NL Hydro representatives have indicated that negative 15 percent is a reasonable estimation for this account at this time. Based on the above, Concentric recommends negative 15 percent to best represent the future expectations for the equipment in this account.

ACCOUNT G01 – GAS TURBINE SYSTEMS

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$81,891,696	2.41%	45-R3	40-R3	-2%	-5%

The investment in Gas Turbine Systems is approximately $81.9 million, representing 2.41 percent of the total depreciated and amortized plant studied. The investment in this account relates to costs associated with turbine engines and generators. The retirements, additions, and other plant transactions for the period 1968 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $7,016,731 were recorded for the period 2000 through 2024.



The previously applied for life parameter for this account was an Iowa 45-R3 with a Residual Measure of 1.4304 and the currently recommended life parameter for this account is an Iowa 40-R3 with a Residual Measure of 2.131 as seen above and on page 6-131. The mathematical fit to data is not as strong as the previously applied for parameters, however this is mainly a result of not fitting to the data points from roughly age 40 onward. These data points are still significant, however Concentric has placed more weight on the interim retirement experience that occurs until approximately age 39. A review of peer Canadian electric utilities indicates an average service life recommendation range of 25 to 30 years, placing this account on the longer end of its peers. Consequently, a reduction in the average service life recommendation moves this account closer to the peer range.

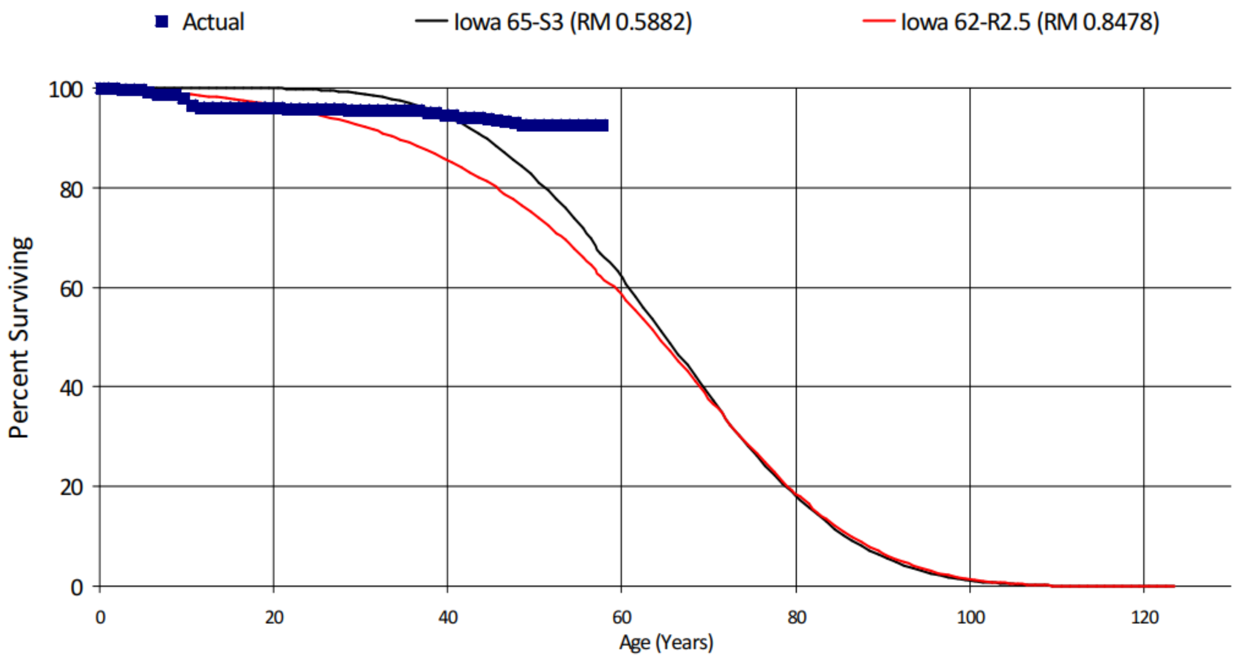
Conversations with management and operational staff indicated that there are four Gas Turbines in NL Hydro's system. These turbines are mainly used for stand-by and peaking purposes and that there has been little historical use and that this will likely continue in the near future. They also indicated that an average service life recommendation of 40 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 40-R3 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 40-R3 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative two percent. The peer range utilized in selection of the net salvage parameters presented a negative five percent net salvage rate. NL Hydro representatives have indicated that negative five percent is a reasonable estimation for this account at this time. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative five percent as a net salvage expectation.

ACCOUNT G03 – GENERATORS, WINDINGS, AND POWERHOUSE

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$281,739,458	8.28%	65-S3	62-R2.5	-8%	-5%

The investment in Generators, Windings, and Powerhouse is approximately $281.7 million, representing 8.28 percent of the total depreciated and amortized plant studied. The investment in this account relates to costs associated with the electric power generator and assembly including rotor, bearings and excitation systems. The retirements, additions, and other plant transactions for the period 1966 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $11,305,592 were recorded for the period 1997 through 2024.



The previously applied for life parameter for this account was an Iowa 65-S3 with a Residual Measure of 0.5882 and the currently recommended life parameter for this account is an Iowa 62-R2.5 with a Residual Measure of 0.8478 as seen above and on page 6-138. Although it is a higher Residual Measure than the previously applied for survivor curve, the recommended curve captures the early interim retirement experience stronger. A review of peer Canadian electric utilities indicates an average service life recommendation range of 25 to 65 years, placing this account within the range of its peers.

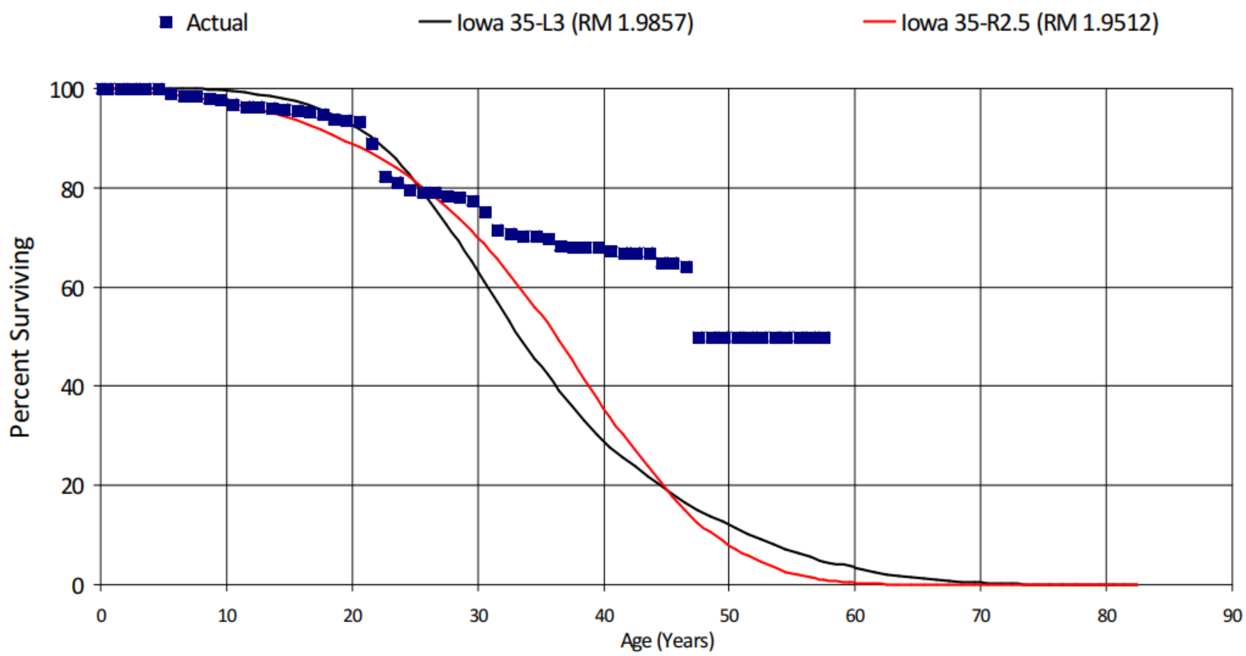
Conversations with management and operational staff have indicated that the currently approved 65-year life is on the long side of their expectations, whereas an average service life recommendation of 62 years is more suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 62-R2.5 is a reasonable expectation for the investment in this account. As such, Concentric recommends using an Iowa 62-R2.5 to represent the investment within this account.

The previously approved net salvage recommendation for this account was negative eight percent. The peer range utilized in selection of the net salvage parameters presented a range between negative five and negative 11 percent net salvage. NL Hydro representatives have indicated that negative five percent is a reasonable estimation for this account at this time. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative five percent as a net salvage expectation for this account.

ACCOUNT I03 – INSULATORS

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$45,938,098	1.35%	35-L3	35-R2.5	0%	0%

The investment in Insulators is approximately $46 million, representing 1.35 percent of the total depreciated and amortized plant studied. The investment in this account relates to costs associated with insulators for transmission lines and stations. The retirements, additions, and other plant transactions for the period 1966 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $8,983,621 were recorded for the period 1991 through 2024.



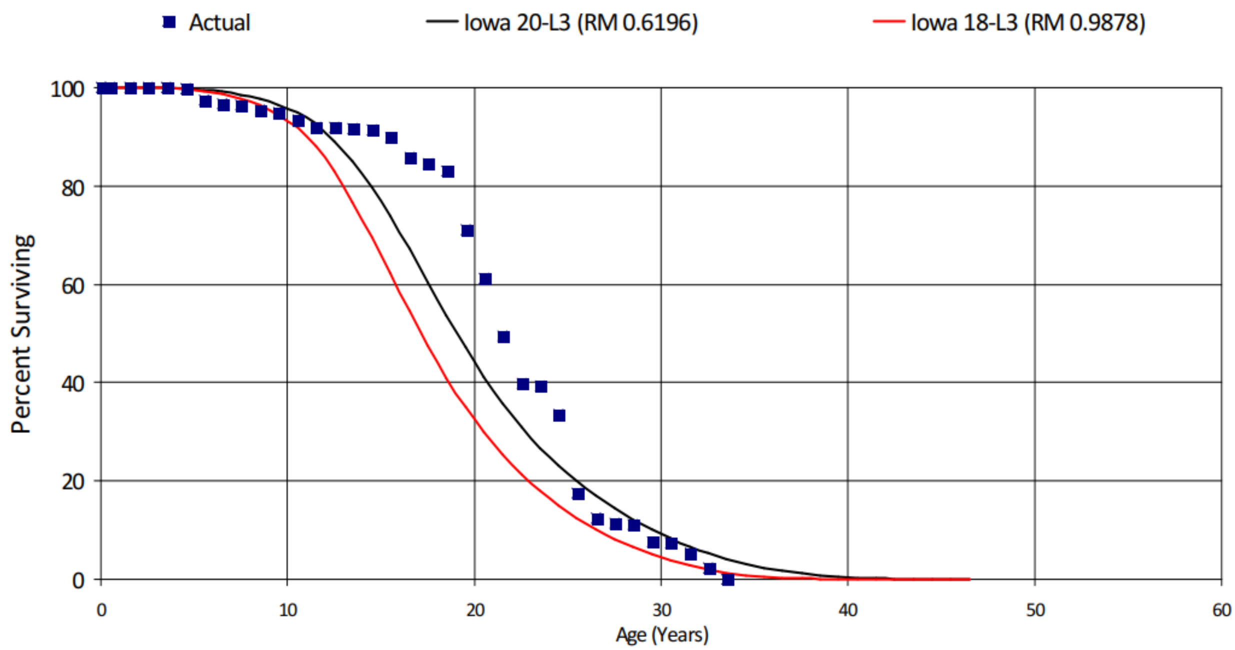
The previously applied for life parameter for this account was an Iowa 35-L3 with a Residual Measure of 1.9857 and the currently recommended life parameter is an Iowa 35-R2.5 with a Residual Measure of 1.9512 as seen above and on page 6-155. Concentric has recommended a change to the Iowa curve for this account to better account for the interim retirement experience and shorten the maximum life expectations. A review of peer Canadian electric utilities indicates an average service life recommendation range of 33 to 40 years, placing this account in the range of its peers.

Conversations with management and operational staff have indicated that an average service life recommendation of 35 years is still suitable for future expectations in this account and that porcelain and glass insulators are used in NL Hydro's system. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 35-R2.5 is a reasonable expectation for the investment in this account. As such, Concentric recommends using an Iowa 35-R2.5 to represent the future expectations for the investment in this account.

ACCOUNT M06 – METERS - DIGITAL

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$10,784,373	0.32%	20-L3	18-L3	0%	0%

The investment in Meters - Digital is approximately $10.8 million, representing 0.32 percent of the total depreciated and amortized plant studied. The investment in this account mainly consists of AMI and AMR meters. NL Hydro is switching AMI back to AMR, replacing approximately 30,000 meters in the next few years. Hydro is currently using two sets of systems as they still have a fairly large number of AMI meters. Most of the AMI meters are digital but not wireless capable and have to be manually read. For example, they have 20 isolated communities where meter reading is done by the diesel plant operator. The retirements, additions, and other plant transactions for the period 1965 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $1,466,297 were recorded for the period 1991 through 2024.



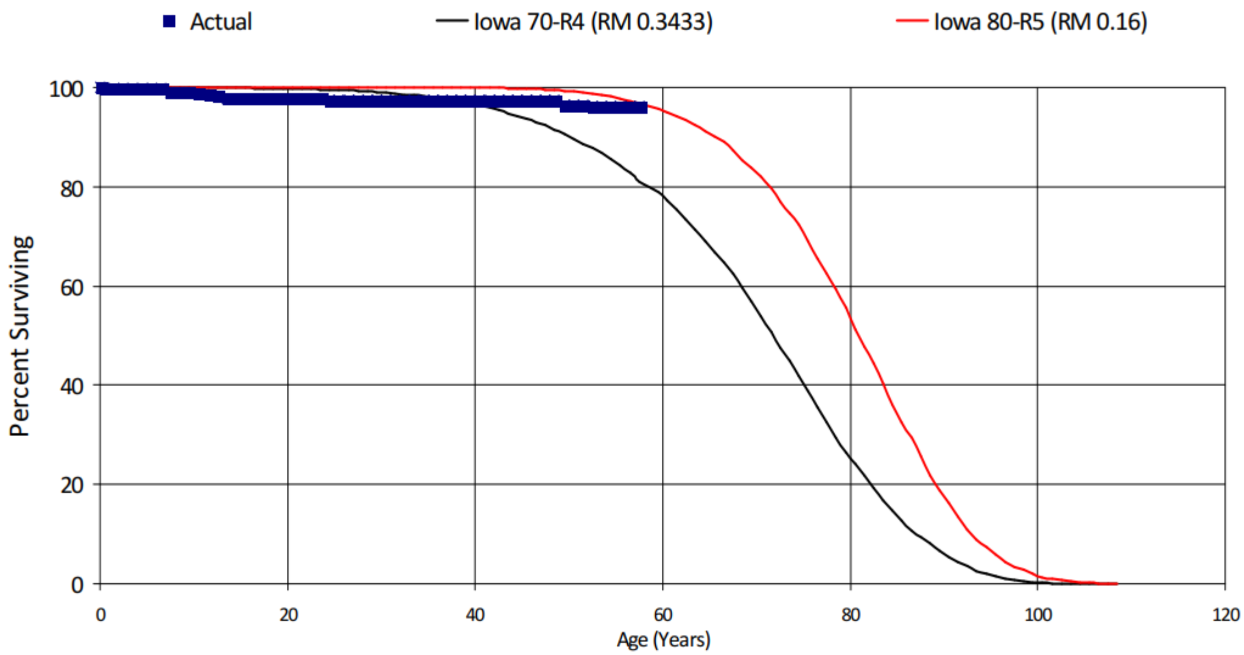
The previously applied for life parameter for this account was an Iowa 20-L3 with a Residual Measure of 0.6196 and the currently recommended life parameter for this account is an Iowa 18-L3 with a Residual Measure of 0.9878 as seen above and on page 6-195. As they are subject to the same Measurement Canada standard as AMI, the AMR meters will need to get sampled and tested after ten and eight-year periods. Actual testing will result in resealing and put back into service or retired, with the replacement being capitalized. As such, Concentric is recommending a two-year reduction in the average service life to better align with the testing periods for the meters. A review of peer Canadian electric utilities indicates an average service life recommendation range of 15 to 25 years, placing this account within the range.

Conversations with management and operational staff has indicated that an 18-year average service life is more suitable for this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 18-L3 is a reasonable expectation for the investment in this account. As such, Concentric recommends using an Iowa 18-L3 to represent the future expectations for the investment in this account.

ACCOUNT P03 - PENSTOCK

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$80,478,703	2.38%	70-R4	80-R5	-8%	-5%

The investment in Penstock is approximately $80.5 million, representing 2.38 percent of the total depreciated and amortized plant studied. The retirements, additions, and other plant transactions for the period 1966 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $1,939,739 were recorded for the period 1992 through 2024.



The previously applied for life parameter for this account was an Iowa 70-R4 with a Residual Measure of 0.3433 and the currently recommended life parameter for this account is an Iowa 80-R5 with a Residual Measure of 0.16 as seen above and on page 6-225. A review of peer Canadian electric utilities indicates an average service life recommendation range of 50 to 85 years, placing this account within the range.

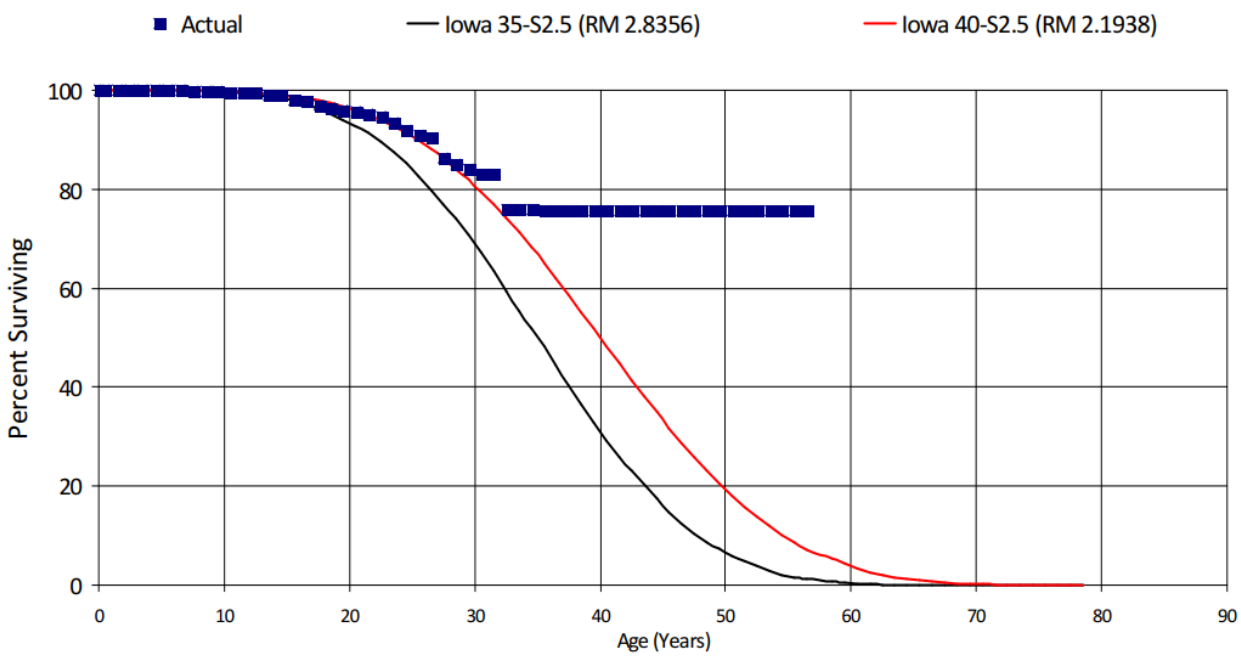
Conversations with management and operational staff has indicated that a 70-year life is on the lower side of their expectations, and that an average service life recommendation of 80 years is more suitable for this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 80-R5 is a reasonable expectation for the investment in this account. As such, Concentric recommends using an Iowa 80-R5 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative eight percent. The peer range utilized in selection of the net salvage parameters presented a negative 30 percent net salvage rate. NL Hydro representatives have indicated that negative five percent is a reasonable estimation for this account at this time. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative five percent as a net salvage expectation.

ACCOUNT P04 – POLE CRIBS AND POLE HARDWARE

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$141,819,478	4.17%	35-S2.5	40-S2.5	-20%	-25%

The investment in Pole Cribs and Pole Hardware is approximately $141.8 million, representing 4.17 percent of the total depreciated and amortized plant studied. The investment in this account primarily consists of pole cribs and pole hardware at the distribution level including cross arms, insulators, brackets, pole gains, and cut-outs/fuse assemblies. The retirements, additions, and other plant transactions for the period 1967 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $10,046,127 were recorded for the period 1991 through 2024.



The previously applied for life parameter for this account was an Iowa 35-S2.5 with a Residual Measure of 2.8356 and the currently recommended life parameter for this account is an Iowa 40-S2.5 producing a Residual Measure of 2.1938 as seen above and on page 6-229. A review of peer Canadian electric utilities indicates an average service life recommendation range of 30 to 60 years, placing this account within the range of its peers.

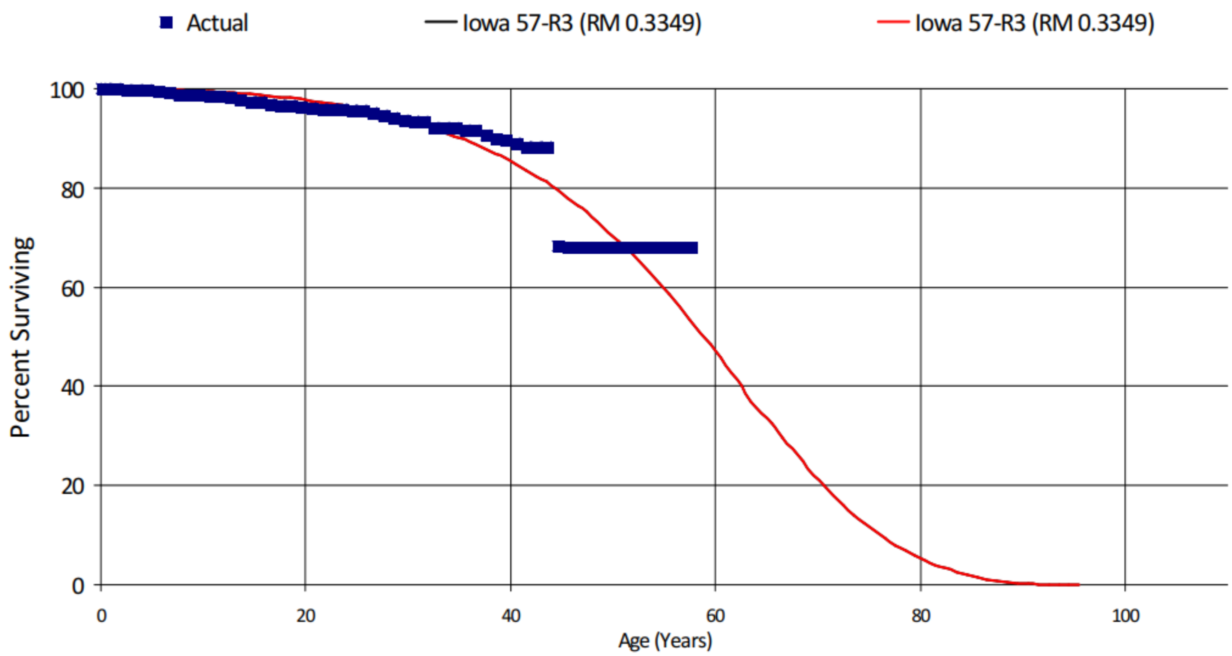
Conversations with management and operational staff have indicated that an average service life recommendation of 40 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 40-S2.5 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 40-S2.5 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative 20 percent. The peer range utilized in selection of the net salvage parameters presented a range between negative five and negative 65 percent net salvage. NL Hydro representatives have indicated that negative 25 percent is a reasonable estimation for this account at this time. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative 25 percent as a net salvage expectation for this account.

ACCOUNT P05 – POLE STRUCTURES - WOOD

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$167,444,449	4.92%	57-R3	57-R3	-20%	-10%

The investment in Pole Structures - Wood is approximately $167.4 million, representing 4.92 percent of the total depreciated and amortized plant studied. The investment in this account mainly consists of wood pole structures including inspection and refurbishment at the transmission level (46 kV and above). The retirements, additions, and other plant transactions for the period 1960 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $12,432,216 were recorded for the period 1992 through 2024.



The previously applied for and currently recommended life parameter for this account is an Iowa 57-R3 producing a Residual Measure of 0.3349 as seen above and on page 6-232. The currently recommended life and curve parameters still fit the data well both visually and through the mathematical fit. A review of peer Canadian electric utilities indicates an average service life recommendation range of 50 to 60 years, placing this account within the range of its peers.

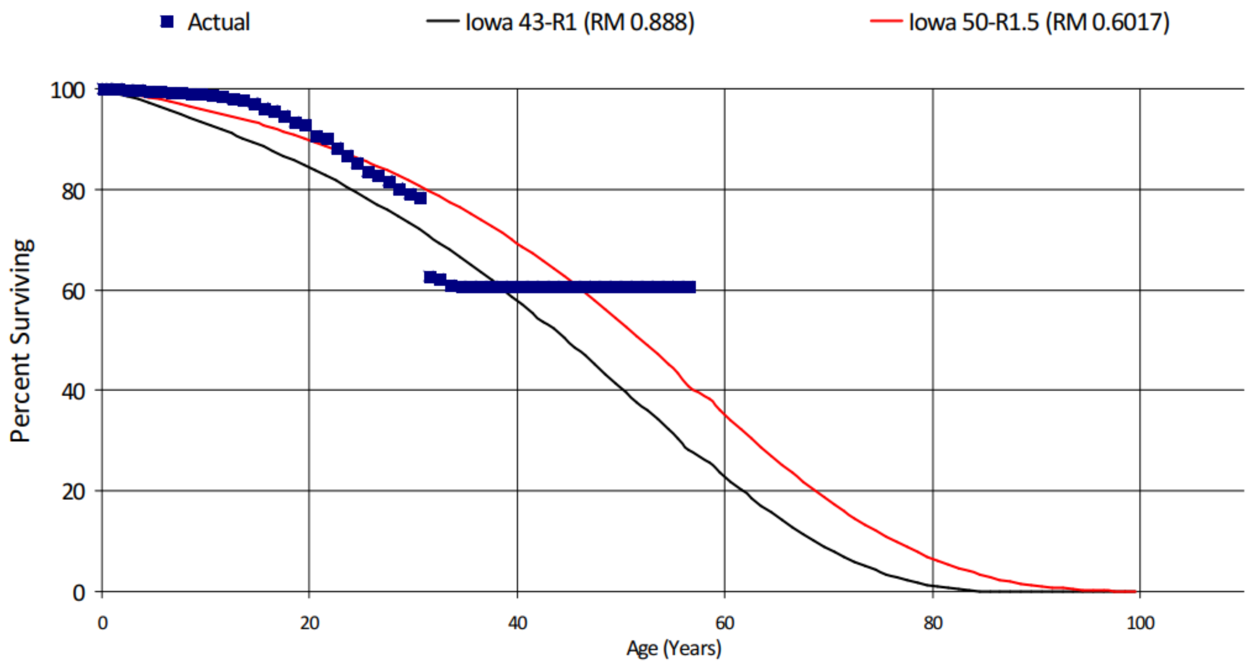
Conversations with management and operational staff have indicated that there are no saltwater issues, and that the climate of much of NL Hydro's territory is largely dry and cold resulting in less corrosive influences than some peer utilities. They also indicated that an average service life recommendation of 57 years is still suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 57-R3 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 57-R3 to continue to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative 20 percent. The peer range utilized in selection of the net salvage parameters presented a range between negative 40 and negative 90 percent net salvage. NL Hydro representatives have indicated that negative 10 percent is a reasonable estimation for this account at this time. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative 10 percent as a net salvage expectation for this account.

ACCOUNT P07 – POLES - WOOD

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$97,081,205	2.85%	43-R1	50-R1.5	-20%	-25%

The investment in Poles - Wood is approximately $97.1 million, representing 2.85 percent of the total depreciated and amortized plant studied. The investment in this account primarily consists of wood poles generally at the distribution level 25 kV and below. The retirements, additions, and other plant transactions for the period 1967 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $11,351,220 were recorded for the period 1991 through 2024.



The previously applied for life parameter for this account was an Iowa 43-R1 with a Residual Measure of 0.888 and the currently recommended life parameter for this account is an Iowa 50-R1.5 producing a Residual Measure of 0.6017 as seen above and on page 6-239. A review of peer Canadian electric utilities indicates an average service life recommendation range of 45 to 60 years, placing the Concentric recommendation for this account within the range of its peers.

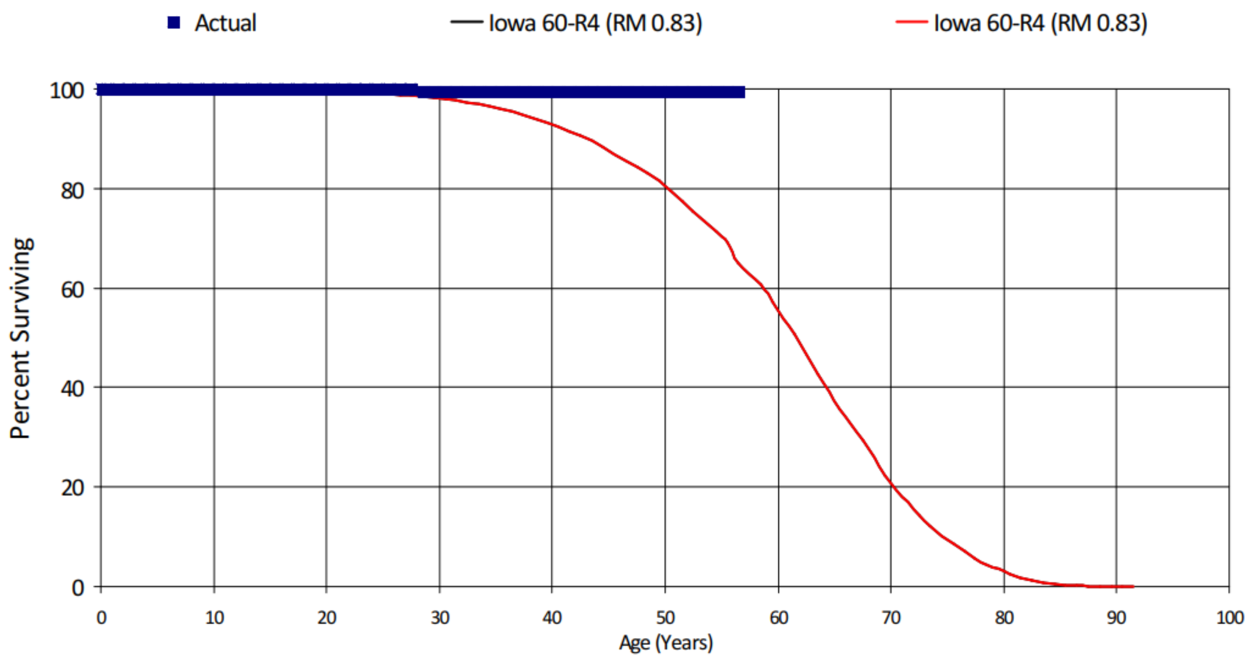
Conversations with management and operational staff have indicated that the historical life for this account appeared too short. They indicated that the purchase of previously owned facilities and subsequent retirements (with an original vintage equal to the acquisition date) has historically resulted in the appearance of a short average service life. Staff indicated that an average service life recommendation of 50 years is more suitable for the future expectations in this account.. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 50-R1.5 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 50-R1.5 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative 20 percent. The peer range utilized in selection of the net salvage parameters presented a range between negative five and negative 65 percent net salvage. NL Hydro representatives have indicated that negative 25 percent is a reasonable estimation for this account at this time. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative 25 percent as a net salvage expectation for this account.

ACCOUNT R13 - ROADS

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$89,193,160	2.62%	60-R4	60-R4	-8%	0%

The investment in Roads is approximately $89.2 million, representing 2.62 percent of the total depreciated and amortized plant studied. The investment in this account is related to costs associated with gravel and access roads. The retirements, additions, and other plant transactions for the period 1967 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $325,999 were recorded for the period 2012 through 2024.



The previously applied for and currently recommended life parameter for this account is an Iowa 60-R4 producing a Residual Measure of 0.83 as seen above and on page 6-280. As there are not many interim retirements to date the Iowa R4 is still an accurate estimate for the retirement dispersion. A review of peer Canadian electric utilities indicates an average service life recommendation range of 45 to 60 years, placing this account on the longer end but within the range of its peers.

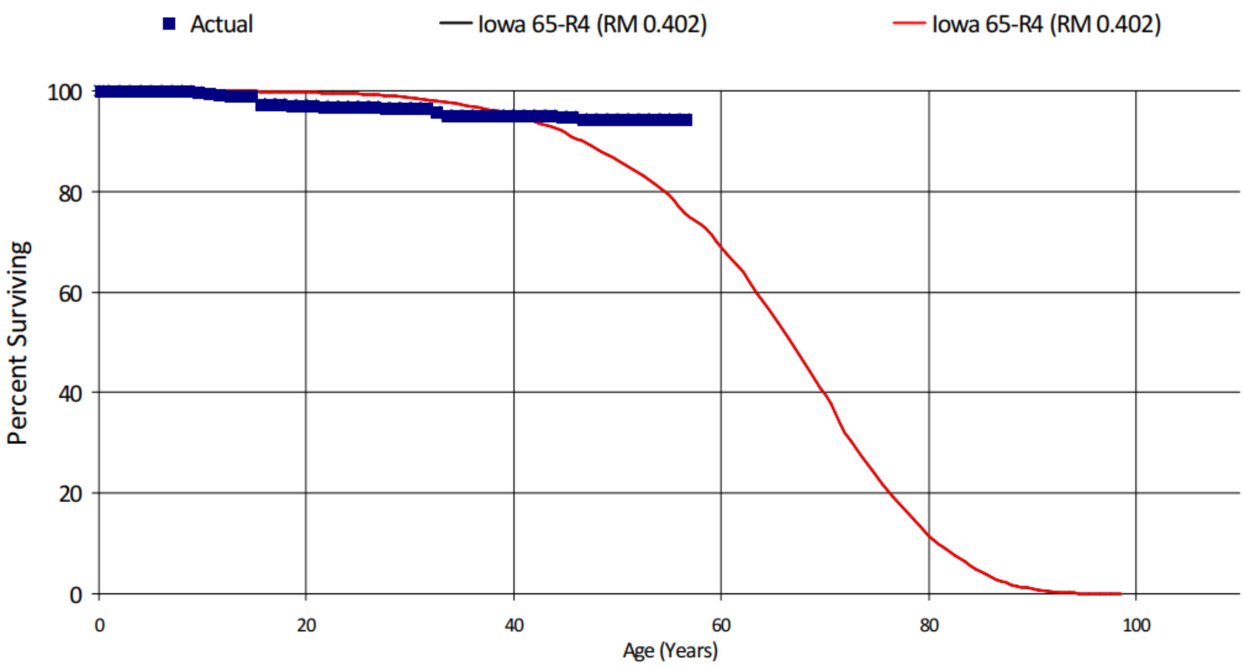
Conversations with management and operational staff have indicated that an average service life recommendation of 60 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 60-R4 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 60-R4 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative eight percent. The peer range utilized in selection of the net salvage parameters presented a range between negative eight and negative 10 percent net salvage. NL Hydro representatives have indicated that zero percent is now a more reasonable estimation for this account at this time. As such, Concentric recommends zero percent as a net salvage expectation for this account.

ACCOUNT T04 - TOWERS

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$136,015,490	4.00%	65-R4	65-R4	-20%	0%

The investment in Towers is approximately 136 million, representing 4.00 percent of the total depreciated and amortized plant studied. The investment in this account mainly consists of steel towers, including inspection and refurbishment costs. The retirements, additions, and other plant transactions for the period 1967 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $3,210,804 were recorded for the period 1991 through 2024.



The previously applied for and currently recommended life parameter for this account is an Iowa 65-R4 producing a Residual Measure of 0.402 as seen above and on page 6-340. As there are minimal interim retirements to date the Iowa R4 is still an accurate estimate for the retirement dispersion. A review of peer Canadian electric utilities indicates an average service life recommendation range of 50 to 90 years, placing this account within the range of its peers.

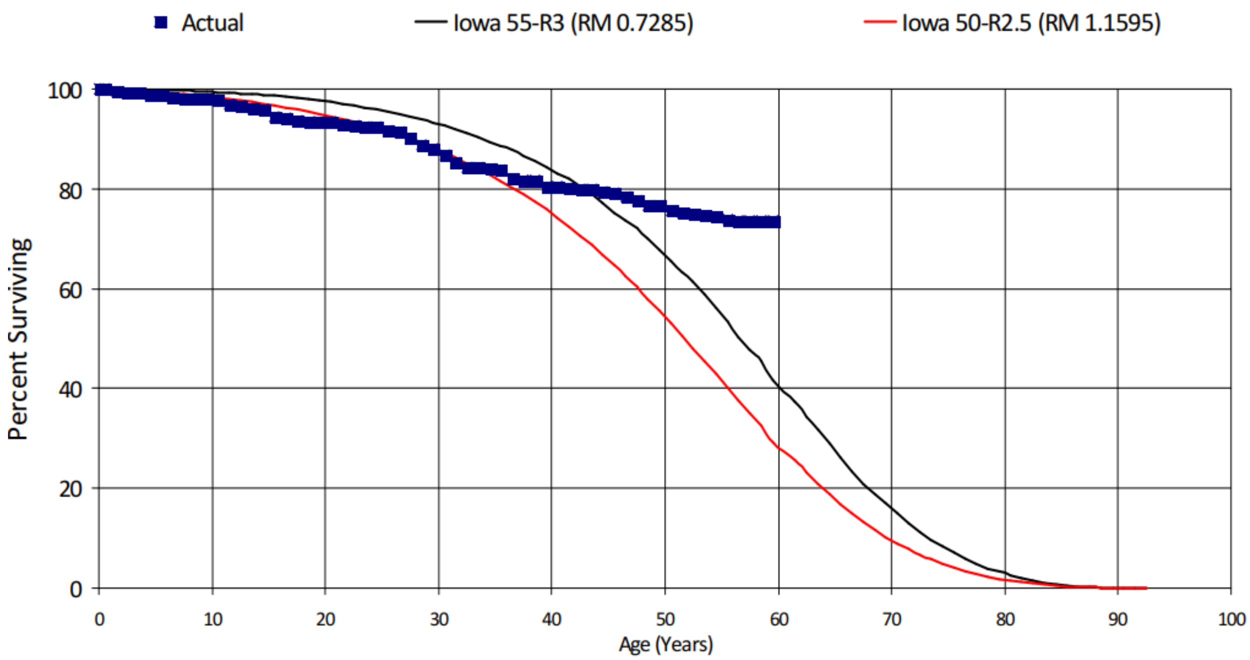
Conversations with management and operational staff have indicated that an average service life recommendation of 65 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 65-R4 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 65-R4 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative 20 percent. The peer range utilized in selection of the net salvage parameters presented a range between negative 10 and negative 40 percent net salvage. NL Hydro representatives have indicated that zero percent is now a more reasonable estimation for this account at this time. As such, Concentric recommends zero percent as a net salvage expectation for this account.

ACCOUNT T05 - TRANSFORMERS - OTHER, PAD MOUNT, AND STATIC EXCITATION SYSTEM AND TRANSFORMERS

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$187,301,538	5.50%	55-R3*	50-R2.5	-6%*	-5%

The investment in Transformers – Other, Pad Mount, and Static Excitation System and Transformers is approximately 187.3 million, representing 5.50 percent of the total depreciated and amortized plant studied. The investment in this account mainly consists of transformers including power transformers, auto transformers and generator step-up transformers. Discussion and review with NL Hydro representatives suggested that this account be consolidated. As such, this account was consolidated with T06, Transformers – Pad Mount, S08, Static Excitation System, and S09, Static Excitation Transformers. (*As this account was not consolidated in the last study, the curve listed above as "Previously Approved Curve" is from the T05 account only). The retirements, additions, and other plant transactions for the period 1964 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $17,334,659 were recorded for the period 1991 through 2024.



The previously applied for life parameter for this account was an Iowa 55-R3 with a Residual Measure of 0.7285, the currently recommended life parameter for this account is an Iowa 50-R2.5 producing a Residual Measure of 1.1595 as seen above and on page 6-343. The proposed Iowa 50-R2.5 produces a strong visual fit to the data through age 40, and as there are a large number of interim retirements, the R2.5 curve shape is still a reasonable expectation for the retirement dispersion. As this account has now been consolidated with three other accounts that had average service life recommendations in the last study of 32 (S08), 45 (S09), and 40 years (T06), the reduction in the average service life better aligns with the joint retirement experience. A review of peer Canadian electric utilities indicates an average service life recommendation range of 27 to 50 years, placing this account on the longer end, but within the range of its peers.

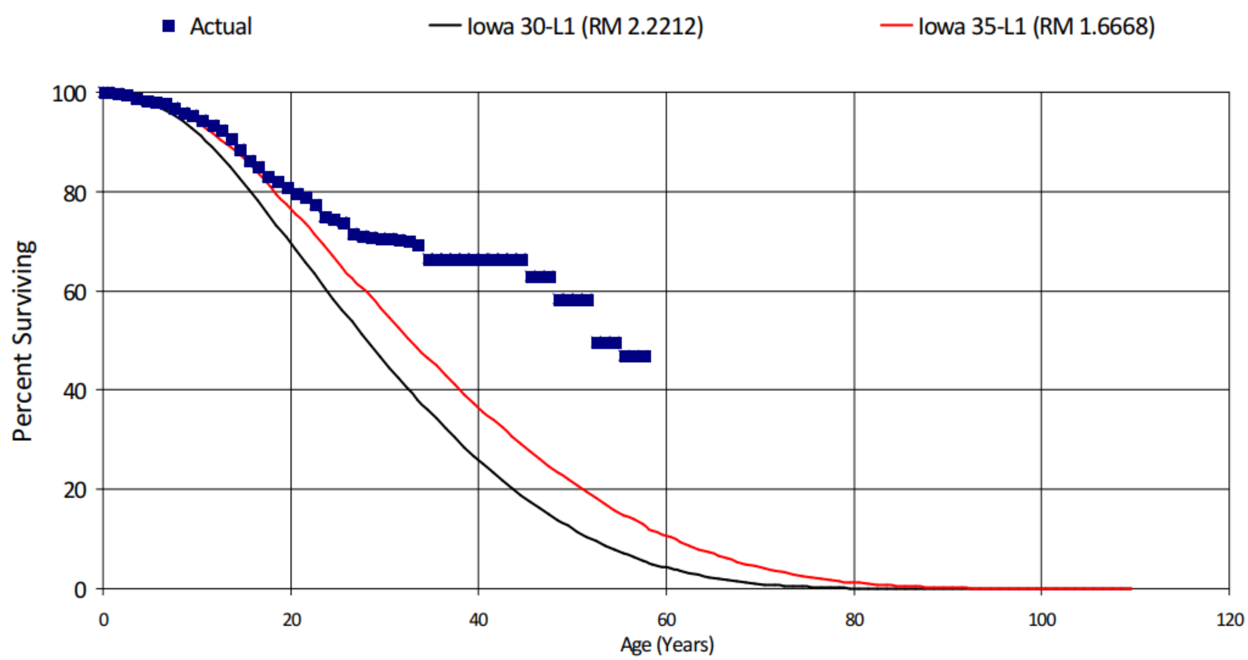
Conversations with management and operational staff have indicated that an average service life recommendation of 50 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 50-R2.5 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 50-R2.5 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative six percent (*on a pre-consolidated account basis). The peer range utilized in selection of the net salvage parameters presented a range between negative five and negative 30 percent net salvage. NL Hydro representatives have indicated that negative five percent is a reasonable estimation for this account at this time. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative five percent as a net salvage expectation for this account.

ACCOUNT T07 – TRANSFORMERS – POLE MOUNTED

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$58,430,357	1.72%	30-L1	35-L1	-8%	-10%

The investment in Transformers – Pole Mounted is approximately 58.4 million, representing 1.72 percent of the total depreciated and amortized plant studied. The investment in this account mainly consists of pole mounted distribution transformers. The retirements, additions, and other plant transactions for the period 1965 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $7,461,203 were recorded for the period 1991 through 2024.



The previously applied for life parameter for this account was an Iowa 30-L1 with a Residual Measure of 2.2212 and the currently recommended life parameter for this account is an Iowa 35-L1 producing a Residual Measure of 1.6668 as seen above and on page 6-347. As this is an account with higher levels of expected interim retirement activity, the Iowa L1 curve fits the expected retirement. The exposures drop below one percent of the beginning exposures at age 42, and as such, Concentric has placed more weight on the earlier data points. A review of peer Canadian electric utilities indicates an average service life recommendation range of 27 to 50 years, placing this account within the range of its peers.

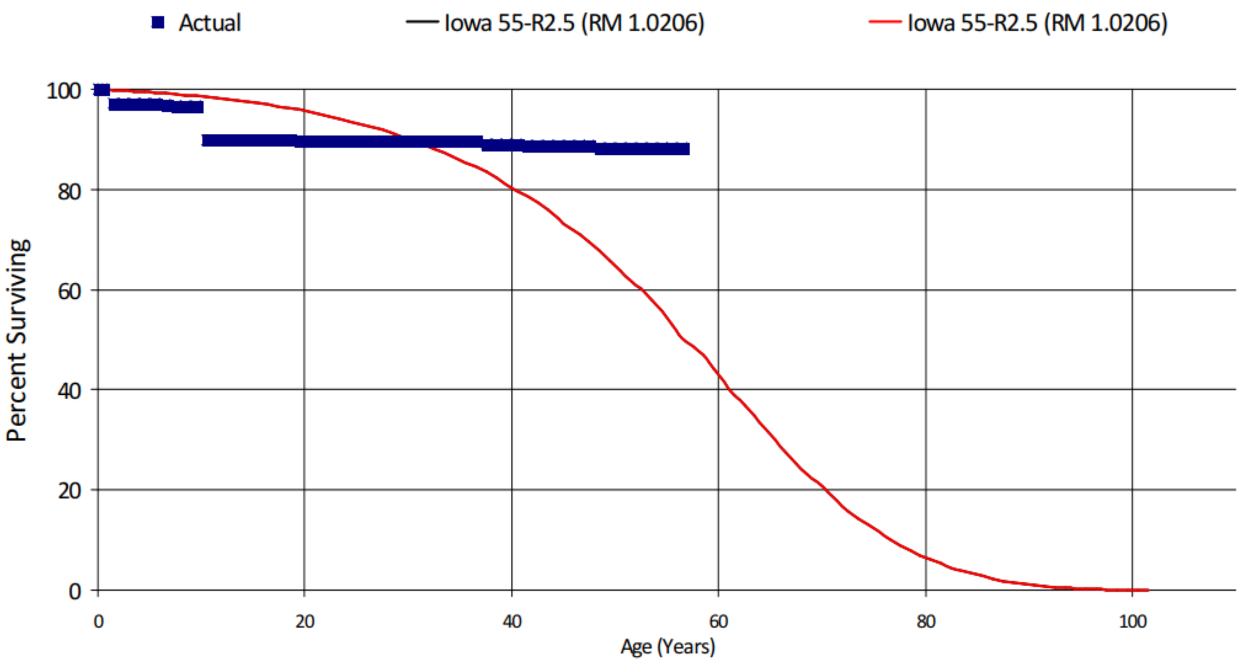
Conversations with management and operational staff have indicated that an average service life recommendation of 35 years is suitable for the future expectations in this account. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 35-L1 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 35-L1 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative eight percent. The peer range utilized in selection of the net salvage parameters presented a range between negative five and negative 50 percent net salvage. NL Hydro representatives have indicated that negative 10 percent is a reasonable estimation for this account at this time. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative 10 percent as a net salvage expectation for this account.

ACCOUNT T09 - TURBINES

Investment $	Investment %	Previously Approved Curve	Concentric Recommended Curve	Previously Approved Salvage	Concentric Recommended Salvage
$72,377,281	2.13%	55-R2.5	55-R2.5	-14%	-20%

The investment in Turbines is approximately 72.4 million, representing 2.13 percent of the total depreciated and amortized plant studied. The investment in this account primarily contains costs associated with turbines throughout NL Hydro's electric system. The retirements, additions, and other plant transactions for the period 1967 through 2024 were analyzed by the retirement rate method. This account did not include a T-Cut and retirements of $7,748,779 were recorded for the period 1999 through 2024.



The previously applied for and currently recommended life parameter for this account is an Iowa 55-R2.5 producing a Residual Measure of 1.0206 as seen above and on page 6-351. The currently recommended life and curve produces a decent mathematical fit to data, given the limited interim retirement experience. A review of peer Canadian electric utilities indicates an average service life recommendation range of 50 to 85 years, placing this account within the range of its peers.

Conversations with management and operational staff have indicated that the average service life recommendation of 55 years is still suitable for the future expectations in this account. Staff indicated that there are four gas turbines utilized for mainly stand-by and peaking purposes which have little historical usage, aligning with the lack of interim retirement experience seen in the graph above. Turbine runners are being replaced, and after refurbishments, NL Hydro expects to see a 55-year life for these turbines. Based on the above discussion and considerations, and on Concentric's experience, an Iowa 55-R2.5 is a reasonable expectation for the investment in this account. As such, Concentric recommends an Iowa 55-R2.5 to represent the future expectations for the investment in this account.

The previously approved net salvage recommendation for this account was negative 14 percent. The peer range utilized in selection of the net salvage parameters presented a range between negative five and negative 30 percent net salvage. NL Hydro representatives have indicated that negative 20 percent is a reasonable estimation for this account at this time. Concentric has used its knowledge and experience, peer comparisons, knowledge of NL Hydro's capitalization and removal policies, and discussions with NL Hydro representatives to recommend negative 20 percent as a net salvage expectation for this account.

SECTION 4

4 CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

4.1 Calculation of Annual and Accrued Amortization

Amortization is the gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or over the period during which it is anticipated the benefit will be realized. Normally, the distribution of the amount is in equal amounts for each year of the amortization period.

The calculation of annual and accrued amortization requires the selection of an amortization period. The amortization periods used in this report were based on judgment which incorporated a consideration of the period during which the assets will render most of their service, the amortization period and service lives used by other utilities, and the service life estimates previously used for the asset under depreciation accounting.

Amortization accounting is proposed for a number of accounts that represent numerous units of property, but a very small portion of depreciable electric plant in service. The accounts and their amortization periods are as follows:

Account	Title	Investment $	Recommended Amortization Period in Years
C11	Computers	$9,559,119	5
C21	Cell Phones	$447,440	3
C22	Charging Station	$1,096,560	10
O01	Office Equipment	$857,579	20
O02	Office Furniture	$1,231,158	20
P11	Printers	$1,222,929	6
R14	Routers and LAN	$3,076,712	5
S03	Servers	$446,663	7
S05	Software	$42,278,142	7
T02	Test Equipment	$1,866,313	20
T03	Tools and Equipment	$23,267,811	20
T11	Holyrood Turbines – Turbine Overhaul	$58,833	6
T12	Holyrood Turbine – Combustor Overhaul	$3,088,487	12
T14	Transformers – Charging Station	$551,104	10

For the purpose of calculating annual amortization amounts, as of December 31, 2024, the book depreciation reserve for each plant account (or sub-account) is assigned or allocated to vintages. The book reserve assigned to vintages with an age greater than the amortization period is equal to the vintage's original cost. The remaining book reserve is allocated among vintages with an age less than the amortization period in proportion to the calculated accrued amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period. The annual amortization amount is determined by dividing the future amortizations (original cost less allocated book reserve) by the remaining period of amortization for the vintage.

4.2 Monitoring of Book Accumulated Depreciation

The calculated accrued depreciation or amortization represents that portion of the depreciable cost which will not be allocated to expense through future depreciation accruals, if current forecasts of service life characteristics materialize and are used as a basis for depreciation accounting. Thus, the calculated accrued depreciation provides a measure of the book accumulated depreciation. The use of this measure is recommended in the amortization of book accumulated depreciation variances to insure complete recovery of capital over the life of the property.

The recommended amortization of the variance between the book accumulated depreciation and the calculated accrued depreciation is based on an amortization period equal to the composite remaining life for each property group where the variance exceeds five percent of the calculated accrued depreciation.

The composite remaining life for use in the calculation of accumulated depreciation variances is derived by developing the composite sum of the individual remaining lives in accordance with the following equation:

$$Composite\ Remaining\ Life = \frac{\sum(\frac{Book\ Cost}{Life}\ x\ Remaining\ Life)}{\sum\frac{Book\ Cost}{Life}} \qquad (1)$$

The book costs and lives of the several vintages, which are summed in the foregoing equation, are defined by the estimated future survivor curve. In as much as book cost divided by life equals the Whole Life annual accrual, the foregoing equation reduces to the following form:

$$Composite\ Remaining\ Life = \frac{\sum Whole\ Life\ Future\ Accruals}{\sum Whole\ Life\ Annual\ Accrual} \qquad (2)$$

or

$$Composite\ Remaining\ Life = \frac{\sum BookCost - Calc, Reserve}{\sum Whole\ Life\ Annual\ Accrual} \qquad (3)$$

4.3 Other Important Items

1. Development of a composite depreciation rates for budgeting purposes.

   Concentric understands NL Hydro will forecast the depreciation expense impact of forecast capital expenditures using composite depreciation rates. The use of composite rates for the development of the depreciation expense is a widely used practice as the capital forecasts are not usually developed at a detailed asset unit of property (UOP) level. When the costs are incurred, and the projects are completed, the actual costs will be assigned to the appropriate UOP and will then be subject to the depreciation rates that are approved for the specific UOP.

   The composite depreciation rates have been developed through an original cost weighting of the depreciation study. Each of the UOP were reviewed and assigned to one of 18 composite groupings. The weighted composite depreciation rate for each group was developed by determining the percentage of investment of each UOP to the total of the investment of all the UOP's within the group. The resulting percentage was applied to the depreciation rate for each account which results in an investment weighted composite depreciation rate for each of the 18 groups. The resulting composite rates by groups were applied to the capital forecasts that were developed at level that mirrored the 18 composite depreciation rate groups.

Composite Rate Groupings	Depreciation	Removal	Total
Computer Software	11.43%	0.00%	11.43%
Diesel Generation	3.04%	0.29%	3.33%
Distribution	2.43%	0.43%	2.86%
Gas Turbines	2.16%	0.11%	2.27%
Gas Turbines - Overhauls			
HGT - Combustor Overhaul	33.33%	0.00%	33.33%
HGT - Turbine Overhaul	16.67%	0.00%	16.67%
HGT - Compressor Overhaul	8.33%	0.00%	8.33%
General Plant:			
Administrative	2.71%	0.00%	2.71%
Information Systems	2.08%	0.36%	2.44%
Network Services	3.72%	0.00%	3.72%
Transportation	7.52%	0.00%	7.52%
Hydraulic Gen - Mini Hydro	1.52%	0.07%	1.59%
Hydraulic Generation	1.41%	0.06%	1.47%
Info Systems & Telecom Assets	6.68%	0.04%	6.72%
Meters	5.13%	0.00%	5.13%
Terminal Stations	2.08%	0.06%	2.14%
Thermal Generation	2.17%	0.11%	2.28%
Transmission Lines	1.69%	0.06%	1.76%

2. Recovery of the original costs of the Holyrood generation plant.

   Concentric understands that the recovery of the undepreciated capital cost of the Holyrood generation plant is through a regulatory deferral account. As such, this depreciation study has not developed specific depreciation rates for the Holyrood assets. Concentric notes that the use of regulatory deferral accounts to deal with the early retirement of large plants in common throughout North America and aligns with common depreciation and ratemaking principles.

3. Recovery of the sustaining capital

   NL Hydro is responsible for funding certain sustaining capital expenditures for the Labrador Transmission assets and Muskrat Falls generation plants. These sustaining capital expenditures are to be recovered by NL Hydro and a regulatory deferral account has been developed to capture the annual sustaining capital expenditures made by NL Hydro. Concentric understands that NL Hydro plans to amortize these sustaining capital expenditures using a single composite life estimate. The approved NL Hydro composite annual accrual percentage will be used to amortize these expenditures. The resultant amortization expense will be included in the requested revenue requirement.

4. Recovery for the corporate business system software packages

   Nalcor made significant investments in the upgrades to the JD Edwards and TM1 software systems. Nalcor amortizes these software costs over a 10-year period. Concentric understands that Nalcor allocates a portion of the total amortization expense to the subsidiary companies including NL Hydro. These business system charges are to be recovered by NL Hydro, and a regulatory deferral has been developed to capture these costs. Concentric understands that NL Hydro plans to amortize these costs over a 10-year period, which is reasonable and consistent with average service life estimates of similar expenditures by several regulated utilities throughout North America.

SECTION 5

5 RESULTS OF THE UPDATE

5.1 Qualification of Results

The calculated annual and accrued depreciation are the principal results of the update and are shown in Tables 1, 1A, and 1B, related to investment as of December 31, 2024. Continued surveillance and periodic revisions are normally required to maintain continued use of appropriate annual depreciation accrual rates. An assumption that accrual rates can remain unchanged over a long period of time implies a disregard for the inherent variability in service lives and salvage and for the change of the composition of property in service. The annual accrual rates and the accrued depreciation were calculated in accordance with the Straight-Line method, using the ALG procedure, based on estimates which reflect considerations of current historical evidence and expected future conditions.

5.2 Description of Detailed Tabulations

The following tables provides summaries by account of the original cost of investment, calculated and booked accumulated depreciation amounts, the required amount of annual depreciation expense, the required depreciation rate to be applied against the original cost of the account and the estimated composite remaining life of the surviving plant in service.

The detailed calculations of annual depreciation applicable to depreciable assets, as of December 31, 2024, are presented in account sequence starting in Section 7 – Page 7-2. The tables indicate the estimated average survivor curves used in the calculations. The tables set forth (for each installation year) the original cost, booked accumulated depreciation, calculated accrued depreciation, calculated annual accrual, and ALG remaining life.

5.3 Impact of the International Financial Reporting Standards (IFRS) in This Study

In the determination of the depreciation rates for Regulatory purposes Concentric has applied its depreciation parameters on an original cost basis. However, upon implementation of IFRS, NL Hydro's reported asset values are calculated on a deemed cost basis in the disclosure of the plant in service in its accounting systems for financial disclosure purposes. Therefore, the depreciation rates need to recognize that the cost basis is a deemed cost rather than an original cost. To ensure proper and accurate recovery, Concentric has applied its developed depreciation expense (as determined from an original cost base) to NL Hydro's deemed costs to develop deemed cost accrual rates for each depreciable account as shown on Table 1. Concentric notes that the deemed cost depreciation rates are for financial disclosure purposes only. These deemed cost accrual rates will then ensure the accurate recovery of NL Hydro's deemed cost investment as of December 31, 2024.

NEWFOUNDLAND AND LABRADOR HYDRO

TABLE 1 - ESTIMATED SURVIVOR CURVE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO UTILITY PLANT AS OF DECEMBER 31, 2024

DEPRECIATION RELATED TO RECOVERY OF ORIGINAL COST OF INVESTMENT

TOTAL

	Account Description	Survivor Curve	Net Salvage Percent	Economic Planning Horizon	Original Cost as of Dec. 31, 2024	Book Depreciation Reserve	Future Accruals	Calculated Annual Accural Amount	Calculated Annual Accural Rate	Composite Remaining Life	Deemed Cost as of Dec. 31, 2024	Deemed Cost Accrual Rate	Whole Life Accrual Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
A01	AIRCRAFT LANDING STRIP	33-R2	0	0	203,513	155,583	47,930	1,860	0.91	18.68	70,960	2.62	3.03
A04	AUXILIARY POWER SYSTEMS	25-R4	0	0	13,474,063	5,168,434	8,305,629	462,363	3.43	15.54	11,533,431	4.01	4.00
B01	BATTERY AND POWER SYSTEMS	20-L1.5	0	0	15,843,874	7,900,577	7,943,297	611,311	3.86	12.07	12,933,879	4.73	5.00
B02	BOILER SYSTEM	40-R1	0	0	20,768,742	20,768,741	1	0	0.00	10.28	1	0.00	2.50
B03	BOOMS - TIMBER	25-R2.5	0	0	388,846	220,321	168,525	9,570	2.46	13.69	325,629	2.94	4.00
B04	BRIDGES	65-R4	0	0	10,669,071	4,106,740	6,562,331	123,770	1.16	46.93	7,379,786	1.68	1.54
B05	BUILDINGS - OTHER	55-R1	0	0	93,657,208	40,217,286	53,439,923	1,203,202	1.28	41.22	66,826,043	1.80	1.82
B06	BUILDINGS - METAL	55-R3	0	0	54,936,775	22,477,091	32,459,684	749,400	1.36	37.25	37,891,648	1.98	1.82
B07	BUS DUCT GENERATOR	40-R4	0	0	1,943,274	854,783	1,088,492	45,912	2.36	22.78	1,472,481	3.12	2.50
B08	BUSWORK AND HARDWARE	50-R4	-5	0	8,228,874	5,280,988	3,359,330	120,027	1.46	23.11	4,596,725	2.61	2.10
C01	CABLES - TELECONTROL	30-R4	-5	0	1,794,464	1,485,373	398,815	34,825	1.94	10.08	467,945	7.44	3.50
C02	CABLE - SUBMARINE	45-R4	-15	0	10,575,115	7,766,513	4,394,869	254,949	2.41	16.93	4,450,720	5.73	2.56
C03	CABLES - UNDERGROUND	60-S4	-10	0	9,369,490	1,928,193	8,378,246	171,230	1.83	48.85	8,489,353	2.02	1.83
C04	CABLES - ABOVE GROUND	65-R4	-10	0	15,804,507	7,374,367	10,010,591	227,082	1.44	41.22	10,437,995	2.18	1.69
C06	CAPACITORS	35-R3	-3	0	4,189,640	1,092,396	3,222,934	100,986	2.41	27.29	3,889,796	2.60	2.94
C07	CHEMICAL FEED SYSTEMS	45-R4	-5	0	459,814	456,280	26,525	1,768	0.38	5.36	13,291	13.30	2.33
C09	CIRCUIT BREAKERS	55-R2	-5	0	110,261,816	18,574,918	97,199,988	2,080,938	1.89	46.55	105,623,052	1.97	1.91
C10	COMPRESSED AIR SYSTEMS	41-R1.5	0	0	18,060,596	6,254,365	11,806,231	366,267	2.03	30.31	15,839,091	2.31	2.44
C11	COMPUTERS	5-SQ	0	0	9,559,119	4,846,051	4,713,068	2,724,198	28.50	1.65	9,559,119 *	28.50	20.00
C12	CONDENSERS	55-R3	-3	0	1,036,726	147,040	920,788	17,433	1.68	48.63	910,796	1.91	1.87
C13	CONDUCTOR - TRANSMISSION	60-R3	-5	0	87,921,464	39,107,550	53,209,986	1,592,681	1.81	33.77	65,345,832	2.44	1.75
C14	CONDUCTOR - DISTRIBUTION	48-R3	-10	0	40,672,011	21,767,691	22,971,521	782,546	1.92	27.61	25,203,809	3.10	2.29
C15	CONTROL, METERING, RELAYING	35-R3	0	0	58,549,931	20,297,149	38,252,782	1,613,029	2.75	22.93	49,758,145	3.24	2.86
C16	COOLING SYSTEMS AND WATER SUPPLY SYSTEMS	40-R1.5	0	0	23,131,259	8,151,381	14,979,878	453,529	1.96	30.33	19,877,147	2.28	2.50
C17	COUNTERPOISE	55-R2.5	0	0	6,872,703	2,455,284	4,417,419	116,559	1.70	36.86	5,667,590	2.06	1.82
C18	CRANES	70-R3	0	0	9,387,894	2,445,162	6,942,732	164,675	1.75	44.74	8,605,978	1.91	1.43
C21	CELL PHONES	3-SQ	0	0	447,440	133,951	313,490	196,416	43.90	1.50	447,440 *	43.90	33.33
C22	CHARGING STATION	10-SQ	0	0	1,096,560	235,382	861,178	112,736	10.28	7.65	1,096,560 *	10.28	10.00
D01	DAMS, DYKES, CANALS AND TUNNELS	110-R4	-5	0	364,417,536	75,356,045	307,282,369	4,579,978	1.26	67.94	343,490,270	1.33	0.95
D02	DIESEL SYSTEMS AND ENGINES	22-L0.5	-15	0	62,436,506	17,105,368	54,696,614	3,366,526	5.39	16.39	61,842,150	5.44	5.23
D03	DISCONNECT SWITCHES	55-R2.5	0	0	36,177,185	9,639,831	26,537,355	589,713	1.63	42.75	31,898,423	1.85	1.82
D04	DYKES AND LINERS	42-L1.5	-5	0	2,364,261	1,916,143	566,331	23,128	0.98	21.38	695,798	3.32	2.50
E01	ELEVATORS	45-S5	0	0	89,800	89,800	0	0	0.00	2.18	0	0.00	2.22
E02	EMS EQUIPMENT	30-S0.5	0	0	349,390	223,916	125,474	5,934	1.70	17.61	159,467	3.72	3.33
E03	ENVIRONMENTAL EQUIPMENT	47-R3	0	0	648,064	496,852	151,212	5,767	0.89	16.98	239,709	2.41	2.13
F01	FALL ARREST EQUIPMENT	15-R4	0	0	2,700,038	2,629,608	70,430	7,717	0.29	3.63	2,231,969	0.35	6.67
F02	FENCING	52-R3	0	0	12,258,892	4,793,794	7,465,098	183,821	1.50	36.31	8,945,268	2.05	1.92
F03	FIRE FIGHTING EQUIPMENT	50-R4	0	0	26,755,598	7,691,297	19,064,301	466,242	1.74	37.75	22,194,719	2.10	2.00
F04	FOOTINGS AND FOUNDATIONS	65-R3	0	0	182,909,843	28,031,342	154,878,501	2,779,758	1.52	55.53	175,231,253	1.59	1.54
F06	FUEL SYSTEMS	50-R0.5	-15	0	51,166,938	13,965,020	44,876,958	1,013,854	1.98	42.59	43,306,003	2.34	2.30
G01	GAS TURBINE SYSTEMS	40-R3	-5	0	81,891,696	35,694,859	50,291,422	1,792,288	2.19	24.88	60,519,497	2.96	2.63
G02	GATES	80-R4	0	0	34,128,006	6,311,727	27,816,279	496,207	1.45	59.31	31,677,994	1.57	1.25
G03	GENERATORS, WINDINGS, AND POWERHOUSE	62-R2.5	-5	0	281,873,414	92,062,091	203,904,993	5,205,877	1.85	40.39	235,294,542	2.21	1.69
G05	GLYCOL SYSTEMS	40-S3	-5	0	579,951	492,517	116,432	7,315	1.26	12.61	147,734	4.95	2.63
G06	GOVENORS	45-S4	-10	0	7,884,152	4,830,153	3,842,414	280,007	3.55	15.96	6,608,143	4.24	2.44
G07	GROUND WIRE SYSTEM	60-R4	-5	0	30,876,466	7,010,097	25,410,193	532,796	1.73	47.41	28,169,713	1.89	1.75
I02	INSTRUMENTATION	25-L0.5	0	0	7,956,961	5,312,155	2,644,806	138,003	1.73	13.16	3,435,984	4.02	4.00
I03	INSULATORS	35-R2.5	0	0	45,938,098	28,721,582	17,216,517	855,256	1.86	17.18	32,114,977	2.66	2.86
I04	INTAKE STRUCTURES	110-R4	0	0	28,008,052	4,307,093	23,700,959	306,602	1.09	80.07	26,798,169	1.14	0.91
I05	INVERTERS	22-S1.5	-5	0	949,852	427,844	569,501	38,941	4.10	12.34	662,921	5.87	4.77
L03	LAND IMPROVEMENTS	75-R3	0	0	18,341,445	10,058,201	8,283,244	149,526	0.82	48.41	10,163,378	1.47	1.33
L04	LIGHTING SYSTEMS	50-R4	0	0	5,123,206	915,665	4,207,541	98,016	1.91	41.72	4,726,865	2.07	2.00
L05	LIGHTNING ARRESTORS	58-R3	0	0	7,003,856	3,266,557	3,737,299	95,458	1.36	38.06	4,794,102	1.99	1.72
L06	LINE COUPLING EQUIPMENT	24-R5	0	0	11,226	11,226	0	0	0.00	0.00	0	0.00	4.17
M01	MAIN BREAKERS	42-R0.5	-5	0	479,851	303,213	200,630	7,112	1.48	25.86	265,238	2.68	2.50
M02	MARINE TERMINAL	65-R4	-5	0	2,964,963	2,964,519	148,693	7,722	0.26	16.16	1,499	515.03	1.62
M03	METALCLAD SWITCHGEAR CUB/EQU 4kv/600	45-R4	-5	0	3,479,227	2,107,402	1,545,787	43,618	1.25	23.13	1,915,245	2.28	2.33
M04	METER TEST SWITCHES	35-R5	0	0	37,080	35,400	1,680	263	0.71	4.14	9,113	2.89	2.86
M05	METERING TANKS	37-R3	0	0	494,558	276,404	218,153	8,493	1.72	20.56	408,557	2.08	2.70
M06	METERS - DIGITAL	18-L3	0	0	10,784,373	4,174,065	6,610,308	561,698	5.21	11.53	10,456,531	5.37	5.56
M07	METERS - ANALOGUE	25-L2	0	0	404,630	67,622	337,008	16,337	4.04	20.63	404,630	4.04	4.00
M08	METERS - OTHER	22-L4	0	0	704,695	129,332	575,363	30,211	4.29	18.57	697,420	4.33	4.55

NEWFOUNDLAND AND LABRADOR HYDRO

TABLE 1 - ESTIMATED SURVIVOR CURVE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO UTILITY PLANT AS OF DECEMBER 31, 2024
DEPRECIATION RELATED TO RECOVERY OF ORIGINAL COST OF INVESTMENT
TOTAL

	Account Description	Survivor Curve	Net Salvage Percent	Economic Planning Horizon	Original Cost as of Dec. 31, 2024	Book Depreciation Reserve	Future Accruals	Calculated Annual Accural Amount	Calculated Annual Accural Rate	Composite Remaining Life	Deemed Cost as of Dec. 31, 2024	Deemed Cost Accrual Rate	Whole Life Accrual Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M10	MISCELLANEOUS UNITS OF PROPERTY	25-R1.5	0	0	6,300,087	5,194,451	1,105,636	53,807	0.85	13.14	4,655,530	1.16	4.00
M11	MOBILE - A.T.V.'S AND SNOWMOBILES	7-L3	20	0	2,121,354	1,152,955	544,128	110,584	5.21	3.75	2,020,294	5.47	11.43
M12	MOBILE - AIR COMPRESSOR ATTACHMENT AND BOAT	20-L0	20	0	398,562	235,306	83,544	5,140	1.29	12.24	226,962	2.26	4.00
M13	MOBILE - ARGO'S	9-R5	20	0	810,715	359,512	289,059	44,128	5.44	4.77	677,579	6.51	8.89
M14	MOBILE - FLEX/FORK/LOAD/GRADE/MUSK/TRAILER	18-L3	20	0	15,405,665	7,241,949	5,082,583	457,311	2.97	9.65	12,683,743	3.61	4.44
M16	MULTIPLEX EQUIPMENT	18-S1.5	0	0	3,944,134	2,272,802	1,671,332	139,661	3.54	9.77	2,948,694	4.74	5.56
O01	OFFICE EQUIPMENT	20-SQ	0	0	857,579	469,831	387,748	37,830	4.41	9.64	700,670	5.40	5.00
O02	OFFICE FURNITURE	20-SQ	0	0	1,231,158	831,294	399,864	41,508	3.37	7.67	955,616	4.34	5.00
P01	P.C.B. STORAGE CONTAINER	30-R4	0	0	42,480	42,673	-193	0	0.00	3.06	1,483	0.00	3.33
P02	PABX - PRIVATE AUTO BRANCH EXCHANGE	20-R4	0	0	258,657	258,657	0	0	0.00	1.44	0	0.00	5.00
P03	PENSTOCK	80-R5	-5	0	80,997,493	28,842,659	56,204,709	1,287,184	1.59	46.40	67,413,890	1.91	1.31
P04	POLE CRIBS AND POLE HARDWARE	40-S2.5	-25	0	141,819,478	69,982,343	107,292,004	4,621,563	3.26	23.49	106,682,174	4.33	3.13
P05	POLE STRUCTURES - WOOD	57-R3	-10	0	167,444,449	69,804,304	114,384,590	3,165,471	1.89	35.90	130,261,858	2.43	1.93
P06	POLES - CONCRETE	25-R4	-25	0	333,760	331,580	85,620	56,357	16.89	1.67	55,346	101.83	5.00
P07	POLES - WOOD	50-R1.5	-25	0	97,081,205	38,371,107	82,980,399	2,080,487	2.14	38.58	74,766,742	2.78	2.50
P08	POWER LINE CARRIER	25-R3	-5	0	5,397,999	3,375,365	2,292,533	142,901	2.65	12.27	2,850,656	5.01	4.20
P09	POWER SYSTEMS	25-L3	0	0	2,982,746	1,467,552	1,515,194	74,351	2.49	17.81	2,488,828	2.99	4.00
P11	PRINTERS	6-SQ	0	0	1,222,929	464,868	758,061	366,090	29.94	2.40	1,222,929 *	29.94	16.67
P12	PROTECTIVE CONTROL AND RELAY PANELS	35-R3	0	0	36,873,878	8,036,051	28,837,828	1,022,102	2.77	27.66	35,348,237	2.89	2.86
R01	RADIO TOWERS (WOOD OR STEEL)	48-R2	-5	0	9,109,013	7,052,034	2,512,430	78,405	0.86	28.43	2,965,685	2.64	2.19
R02	RADIOS - FIXED MICROWAVE EQUIPMENT AND FIXED UHF EQUIPMENT	15-R5	0	0	5,514,182	3,712,155	1,802,028	285,916	5.19	4.68	3,770,946	7.58	6.67
R04	RADIOS - FIXED VHF EQUIPMENT AND MOBILE VHF BASE STATION	15-R3	0	0	7,650,723	7,999,278	-348,555	0	0.00	2.41	3,370,149	0.00	6.67
R06	RAMPS - YARD STORAGE	25-R3	0	0	2,139,975	1,340,485	799,490	57,526	2.69	10.97	1,481,689	3.88	4.00
R07	REACTORS AND RESISTORS	40-S4	0	0	2,393,259	730,664	1,662,594	68,665	2.87	26.19	2,096,778	3.27	2.50
R08	RECLOSERS	48-R2	-5	0	11,635,532	3,693,012	8,524,297	212,675	1.83	37.53	9,611,239	2.21	2.19
R09	REGULATORS	35-S0	-5	0	8,888,387	2,990,635	6,342,171	224,310	2.52	26.18	7,398,768	3.03	3.00
R11	REVENUE METERING	35-R3	0	0	3,119,204	1,233,342	1,885,863	74,938	2.40	22.67	2,779,291	2.70	2.86
R12	RIGHT-OF-WAYS	65-R4	0	0	44,690,949	13,799,054	30,891,895	650,488	1.46	46.29	36,987,696	1.76	1.54
R13	ROADS	60-R4	0	0	89,193,160	37,274,151	51,919,010	2,142,697	2.40	25.26	80,093,181	2.68	1.67
R14	ROUTERS AND LAN	5-SQ	0	0	3,076,712	1,402,491	1,674,222	669,204	21.75	2.38	3,076,712 *	21.75	20.00
R15	RUNNER	55-R5	0	0	11,965,310	10,150,060	1,815,250	174,129	1.46	9.48	7,117,305	2.45	1.82
S01	SCADA EQUIPMENT	20-L3	0	0	5,299,783	2,886,648	2,413,135	192,124	3.63	11.04	4,065,452	4.73	5.00
S02	SECTIONALIZERS	25-R5	0	0	451,634	108,426	343,208	15,382	3.41	19.65	409,235	3.76	4.00
S03	SERVERS	7-SQ	0	0	446,663	375,398	71,265	36,787	8.24	1.84	446,663 *	8.24	14.29
S04	SEWAGE DISPOSAL SYSTEM	55-R4	-5	0	3,381,486	2,004,509	1,546,052	40,379	1.19	32.80	1,722,506	2.34	1.91
S05	SOFTWARE	7-SQ	0	0	18,758,829	6,256,441	12,502,388	4,547,793	24.24	2.97	18,758,829 *	24.24	14.29
S06	SPILLWAY STRUCTURES AND WATER REGULATING STRUCTURES	110-R4	-5	0	53,521,751	15,206,073	40,991,765	552,545	1.03	74.75	47,409,849	1.17	0.95
S07	STACKS	55-R4	-5	0	7,691,793	3,561,101	4,515,282	108,911	1.42	34.11	5,230,517	2.08	1.91
S10	STATION SERVICE	50-R4	-5	0	10,432,762	3,640,958	7,313,442	208,391	2.00	33.95	9,147,501	2.28	2.10
S11	STOP LOGS	65-R4	0	0	3,671,209	1,275,708	2,395,502	76,176	2.07	34.49	3,210,939	2.37	1.54
S12	STORAGE PALLETS AND RACKINGS	30-R3	0	0	35,786	15,258	20,528	757	2.12	18.63	21,383	3.54	3.33
S13	STORM AND YARD DRAINAGE	55-R4	0	0	1,308,713	1,122,528	186,186	6,092	0.47	20.11	283,067	2.15	1.82
S14	STREET LIGHTS	25-R1.5	-10	0	11,111,422	4,044,664	8,177,900	378,427	3.41	19.32	9,591,214	3.95	4.40
S15	STRUCTURAL SUPPORTS (WOOD OR STEEL)	55-R4	-5	0	18,785,946	8,485,386	11,239,858	335,506	1.79	32.36	13,522,697	2.48	1.91
S17	SUMP SYSTEMS	35-R4	0	0	1,428,383	425,286	1,003,097	35,799	2.51	26.38	1,365,263	2.62	2.86
S18	SURGE SYSTEMS	60-R4	0	0	12,102,159	4,845,572	7,256,587	139,421	1.15	40.28	9,505,117	1.47	1.67
S19	STATION SWITCHING	38-S0.5	0	0	11,527,978	6,135,411	5,392,567	233,364	2.02	21.35	8,117,734	2.87	2.63
S20	SWITCHING SYSTEMS - L.V.	60-R5	0	0	2,304,609	945,176	1,359,433	57,306	2.49	25.89	2,071,699	2.77	1.67
S24	SOFTWARE	10-SQ	0	0	23,519,313	14,976,585	8,542,728	1,553,223	6.60	5.50	23,519,313 *	6.60	10.00
T01	TELECONTROL SYSTEM	27-S0.5	0	0	14,400,574	8,317,422	6,083,152	326,328	2.27	15.54	9,904,394	3.29	3.70
T02	TEST EQUIPMENT	20-SQ	0	0	1,866,313	1,078,858	787,454	78,035	4.18	8.94	1,464,126	5.33	5.00
T03	TOOLS AND EQUIPMENT	20-SQ	0	0	23,267,811	9,453,684	13,814,127	1,150,004	4.94	11.88	20,897,325	5.50	5.00
T04	TOWERS	65-R4	0	0	136,015,490	39,678,944	96,336,546	2,286,478	1.68	43.65	118,118,810	1.94	1.54
T05	TRANSFORMERS - OTHER, PAD MOUNT, AND STATIC EXCITATION SYSTEM AND TRANSFORMERS	50-R2.5	-5	0	187,301,538	64,333,617	132,332,997	3,673,339	1.96	34.75	155,727,174	2.36	2.10
T07	TRANSFORMERS - POLE MOUNTED	35-L1	-10	0	58,430,357	23,401,750	40,871,643	1,504,276	2.57	26.27	51,076,728	2.95	3.14
T09	TURBINES	55-R2.5	-20	0	72,377,281	38,799,033	48,053,704	1,810,585	2.50	27.63	49,668,249	3.65	2.18
T11	HOLYROOD GAS TURBINE - TURBINE OVERHAUL	6-SQ	0	0	58,833	50,662	8,171	8,171	13.89	0.50	58,833 *	13.89	16.67
T12	HOLYROOD GAS TURBINE - COMPRESSOR OVERHAUL	12-SQ	0	0	3,088,487	2,589,888	498,599	199,440	6.46	2.50	3,088,487 *	6.46	8.33
T14	TRANSFORMERS - CHARGING STATION	10-SQ	0	0	551,104	139,302	411,801	56,505	10.25	7.29	551,104 *	10.25	10.00
V01	VACUUM CLEANING SYSTEM	60-R4	0	0	72,451	68,882	3,569	192	0.27	16.19	6,099	3.15	1.67
V02	VALVES - PENSTOCK	65-R3	0	0	8,247,625	3,521,680	4,725,945	129,431	1.57	36.75	6,248,923	2.07	1.54
V03	VEHICLES - 1 TON	8-L4	15	0	108,120	78,774	13,128	7,077	6.55	1.82	108,120	6.55	10.63
V04	VEHICLES - 3/4 TON AND UNDER	7-L3	15	0	10,506,578	4,267,668	4,662,923	919,242	8.75	4.39	9,979,472	9.21	12.14

NEWFOUNDLAND AND LABRADOR HYDRO

TABLE 1 - ESTIMATED SURVIVOR CURVE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO UTILITY PLANT AS OF DECEMBER 31, 2024

DEPRECIATION RELATED TO RECOVERY OF ORIGINAL COST OF INVESTMENT

TOTAL

	Account Description	Survivor Curve	Net Salvage Percent	Economic Planning Horizon	Original Cost as of Dec. 31, 2024	Book Depreciation Reserve	Future Accruals	Calculated Annual Accural Amount	Calculated Annual Accural Rate	Composite Remaining Life	Deemed Cost as of Dec. 31, 2024	Deemed Cost Accrual Rate	Whole Life Accrual Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
V05	VEHICLES - BOOMS/BODIES/CRANES/CAB/CHASSIS	13-L3	15	0	19,812,665	8,777,617	8,063,148	861,831	4.35	7.86	18,343,614	4.70	6.54
V06	VEHICLES - CARS, STATION WAGONS AND VAN	7-L3	15	0	1,720,363	1,010,593	451,715	78,193	4.55	3.89	1,549,132	5.05	12.14
V07	VEHICLES - DUMP TRUCKS	10-L5	15	0	175,952	88,400	61,159	13,578	7.72	4.21	164,417	8.26	8.50
W04	WATER TREATMENT AND WATER SYSTEMS - FEED	55-R1.5	-5	0	17,319,432	8,899,541	9,285,862	211,694	1.22	36.41	10,705,544	1.98	1.91
	TOTAL PLANT IN SERVICE				**3,447,496,530**	**1,244,068,391**	**2,388,621,948**	**78,211,656**	**2.27**		**2,850,991,727**	**2.74**	
	HOLYROOD ASSET												
H02	HRD ACCELERATED ASSET	N/A	0	0	271,649,767	199,115,165	72,534,602	0	0.00	0.00	198,050,200	0.00	0.00
	TOTAL PLANT				**3,719,146,298**	**1,443,183,556**	**2,461,156,550**	**78,211,656**	**2.10**		**3,049,041,927**	**2.57**	
	Fully Depreciated												
T10	HOLYROOD GAS TURBINE - COMBUSTOR OVERHAUL	3-SQ			3,028,925.67	3,028,925.67	0	0	0.00	0.00	3,028,925.67	0	33.33

*In instances where the UoP is an amortized account (denoted with a "-SQ" in Column '2') that is comprised of only vintages 2014 and newer, the Deemed Cost in Column '11' has been set to equal the Original Cost in Column '5'

NEWFOUNDLAND AND LABRADOR HYDRO

TABLE 1A - ESTIMATED SURVIVOR CURVE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO UTILITY PLANT AS OF DECEMBER 31, 2024

DEPRECIATION RELATED TO RECOVERY OF ORIGINAL COST OF INVESTMENT

LIFE

Account	Account Description	Survivor Curve	Net Salvage Percent	Economic Planning Horizon	Original Cost as of Dec. 31, 2024	Book Depreciation Reserve	Future Accruals	Calculated Annual Accural Amount	Calculated Annual Accural Rate	Composite Remaining Life	Deemed Cost as of Dec. 31, 2024	Deemed Cost Accrual Rate	Whole Life Accrual Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
A01	AIRCRAFT LANDING STRIP	33-R2	0	0	203,513	155,583	47,930	1,860	0.91	18.68	70,960	2.62	3.03
A04	AUXILIARY POWER SYSTEMS	25-R4	0	0	13,474,063	5,168,434	8,305,629	462,363	3.43	15.54	11,533,431	4.01	4.00
B01	BATTERY AND POWER SYSTEMS	20-L1.5	0	0	15,843,874	7,900,577	7,943,297	611,311	3.86	12.07	12,933,879	4.73	5.00
B02	BOILER SYSTEM	40-R1	0	0	20,768,742	20,768,741	1	0	0.00	10.28	1	-	2.50
B03	BOOMS - TIMBER	25-R2.5	0	0	388,846	220,321	168,525	9,570	2.46	13.69	325,629	2.94	4.00
B04	BRIDGES	65-R4	0	0	10,669,071	4,106,740	6,562,331	123,770	1.16	46.93	7,379,786	1.68	1.54
B05	BUILDINGS - OTHER	55-R1	0	0	93,657,208	40,217,286	53,439,923	1,203,202	1.28	41.22	66,826,043	1.80	1.82
B06	BUILDINGS - METAL	55-R3	0	0	54,936,775	22,477,091	32,459,684	749,400	1.36	37.25	37,891,648	1.98	1.82
B07	BUS DUCT GENERATOR	40-R4	0	0	1,943,274	854,783	1,088,492	45,912	2.36	22.78	1,472,481	3.12	2.50
B08	BUSWORK AND HARDWARE	50-R4	0	0	8,228,874	5,252,815	2,976,060	100,418	1.22	23.11	4,596,725	2.18	2.00
C01	CABLES - TELECONTROL	30-R4	0	0	1,794,464	1,479,459	315,006	26,183	1.46	10.08	467,945	5.60	3.33
C02	CABLE - SUBMARINE	45-R4	0	0	10,575,115	7,693,192	2,881,923	144,492	1.37	16.93	4,450,720	3.25	2.22
C03	CABLES - UNDERGROUND	60-S4	0	0	9,369,490	1,887,561	7,481,930	150,115	1.60	48.85	8,489,353	1.77	1.67
C04	CABLES - ABOVE GROUND	65-R4	0	0	15,804,507	7,303,429	8,501,078	182,584	1.16	41.22	10,437,995	1.75	1.54
C06	CAPACITORS	35-R3	0	0	4,189,640	1,083,373	3,106,267	96,443	2.30	27.29	3,889,796	2.48	2.86
C07	CHEMICAL FEED SYSTEMS	45-R4	0	0	459,814	454,985	4,830	140	0.03	5.36	13,291	1.05	2.22
C09	CIRCUIT BREAKERS	55-R2	0	0	110,261,816	18,298,558	91,963,258	1,963,273	1.78	46.55	105,623,052	1.86	1.82
C10	COMPRESSED AIR SYSTEMS	41-R1.5	0	0	18,060,596	6,254,365	11,806,231	366,267	2.03	30.31	15,839,091	2.31	2.44
C11	COMPUTERS	5-SQ	0	0	9,559,119	4,846,051	4,713,068	2,724,198	28.50	1.65	9,559,119 *	28.50	20.00
C12	CONDENSERS	55-R3	0	0	1,036,726	146,328	890,398	16,625	1.60	48.63	910,796	1.83	1.82
C13	CONDUCTOR - TRANSMISSION	60-R3	0	0	87,921,464	38,963,754	48,957,710	1,442,153	1.64	33.77	65,345,832	2.21	1.67
C14	CONDUCTOR - DISTRIBUTION	48-R3	0	0	40,672,011	21,538,015	19,133,996	616,771	1.52	27.61	25,203,809	2.45	2.08
C15	CONTROL, METERING, RELAYING	35-R3	0	0	58,549,931	20,297,149	38,252,782	1,613,029	2.75	22.93	49,758,145	3.24	2.86
C16	COOLING SYSTEMS AND WATER SUPPLY SYSTEMS	40-R1.5	0	0	23,131,259	8,151,381	14,979,878	453,529	1.96	30.33	19,877,147	2.28	2.50
C17	COUNTERPOISE	55-R2.5	0	0	6,872,703	2,455,284	4,417,419	116,559	1.70	36.86	5,667,590	2.06	1.82
C18	CRANES	70-R3	0	0	9,387,894	2,445,162	6,942,732	164,675	1.75	44.74	8,605,978	1.91	1.43
C21	CELL PHONES	3-SQ	0	0	447,440	133,951	313,490	196,416	43.90	1.50	447,440 *	43.90	33.33
C22	CHARGING STATION	10-SQ	0	0	1,096,560	235,382	861,178	112,736	10.28	7.65	1,096,560 *	10.28	10.00
D01	DAMS, DYKES, CANALS AND TUNNELS	110-R4	0	0	364,417,536	75,356,045	289,061,492	4,306,160	1.18	67.94	343,490,270	1.25	0.91
D02	DIESEL SYSTEMS AND ENGINES	22-L0.5	0	0	62,436,506	16,601,398	45,835,107	2,764,360	4.43	16.39	61,842,150	4.47	4.55
D03	DISCONNECT SWITCHES	55-R2.5	0	0	36,177,185	9,639,831	26,537,355	589,713	1.63	42.75	31,898,423	1.85	1.82
D04	DYKES AND LINERS	42-L1.5	0	0	2,364,261	1,908,634	455,627	17,860	0.76	21.38	695,798	2.57	2.38
E01	ELEVATORS	45-S5	0	0	89,800	89,800	0	0	0.00	2.18	0	-	2.22
E02	EMS EQUIPMENT	30-S0.5	0	0	349,390	223,916	125,474	5,934	1.70	17.61	159,467	3.72	3.33
E03	ENVIRONMENTAL EQUIPMENT	47-R3	0	0	648,064	496,852	151,212	5,767	0.89	16.98	239,709	2.41	2.13
F01	FALL ARREST EQUIPMENT	15-R4	0	0	2,700,038	2,629,608	70,430	7,717	0.29	3.63	2,231,969	0.35	6.67
F02	FENCING	52-R3	0	0	12,258,892	4,793,794	7,465,098	183,821	1.50	36.31	8,945,268	2.05	1.92
F03	FIRE FIGHTING EQUIPMENT	50-R4	0	0	26,755,598	7,691,297	19,064,301	466,242	1.74	37.75	22,194,719	2.10	2.00
F04	FOOTINGS AND FOUNDATIONS	65-R3	0	0	182,909,843	28,031,342	154,878,501	2,779,758	1.52	55.53	175,231,253	1.59	1.54
F06	FUEL SYSTEMS	50-R0.5	0	0	51,166,938	13,802,977	37,363,961	836,081	1.63	42.59	43,306,003	1.93	2.00
G01	GAS TURBINE SYSTEMS	40-R3	0	0	81,891,696	35,646,120	46,245,575	1,575,007	1.92	24.88	60,519,497	2.60	2.50
G02	GATES	80-R4	0	0	34,128,006	6,311,727	27,816,279	496,207	1.45	59.31	31,677,994	1.57	1.25
G03	GENERATORS, WINDINGS, AND POWERHOUSE	62-R2.5	0	0	281,873,414	91,699,505	190,173,908	4,801,532	1.70	40.39	235,294,542	2.04	1.61
G05	GLYCOL SYSTEMS	40-S3	0	0	579,951	489,895	90,057	5,141	0.89	12.61	147,734	3.48	2.50
G06	GOVENORS	45-S4	0	0	7,884,152	4,765,341	3,118,811	211,849	2.69	15.96	6,608,143	3.21	2.22
G07	GROUND WIRE SYSTEM	60-R4	0	0	30,876,466	6,950,462	23,926,004	497,491	1.61	47.41	28,169,713	1.77	1.67
I02	INSTRUMENTATION	25-L0.5	0	0	7,956,961	5,312,155	2,644,806	138,003	1.73	13.16	3,435,984	4.02	4.00
I03	INSULATORS	35-R2.5	0	0	45,938,098	28,721,582	17,216,517	855,256	1.86	17.18	32,114,977	2.66	2.86
I04	INTAKE STRUCTURES	110-R4	0	0	28,008,052	4,307,093	23,700,959	306,602	1.09	80.07	26,798,169	1.14	0.91
I05	INVERTERS	22-S1.5	0	0	949,852	412,992	536,860	33,012	3.48	12.34	662,921	4.98	4.55
L03	LAND IMPROVEMENTS	75-R3	0	0	18,341,445	10,058,201	8,283,244	149,526	0.82	48.41	10,163,378	1.47	1.33
L04	LIGHTING SYSTEMS	50-R4	0	0	5,123,206	915,665	4,207,541	98,016	1.91	41.72	4,726,865	2.07	2.00
L05	LIGHTNING ARRESTORS	58-R3	0	0	7,003,856	3,266,557	3,737,299	95,458	1.36	38.06	4,794,102	1.99	1.72
L06	LINE COUPLING EQUIPMENT	24-R5	0	0	11,226	11,226	0	0	0.00	0.00	0	-	4.17
M01	MAIN BREAKERS	42-R0.5	0	0	479,851	301,929	177,922	6,262	1.30	25.86	265,238	2.36	2.38
M02	MARINE TERMINAL	65-R4	0	0	2,964,963	2,964,513	451	17	0.00	16.16	1,499	1.13	1.54
M03	METALCLAD SWITCHGEAR CUB/EQU 4kv/600	45-R4	0	0	3,479,227	2,098,765	1,380,462	36,956	1.06	23.13	1,915,245	1.93	2.22
M04	METER TEST SWITCHES	35-R5	0	0	37,080	35,400	1,680	263	0.71	4.14	9,113	2.89	2.86
M05	METERING TANKS	37-R3	0	0	494,558	276,404	218,153	8,493	1.72	20.56	408,557	2.08	2.70
M06	METERS - DIGITAL	18-L3	0	0	10,784,373	4,174,065	6,610,308	561,698	5.21	11.53	10,456,531	5.37	5.56
M07	METERS - ANALOGUE	25-L2	0	0	404,630	67,622	337,008	16,337	4.04	20.63	404,630	4.04	4.00
M08	METERS - OTHER	22-L4	0	0	704,695	129,332	575,363	30,211	4.29	18.57	697,420	4.33	4.55
M10	MISCELLANEOUS UNITS OF PROPERTY	25-R1.5	0	0	6,300,087	5,194,451	1,105,636	53,807	0.85	13.14	4,655,530	1.16	4.00
M11	MOBILE - A.T.V.'S AND SNOWMOBILES	7-L3	20	0	2,121,354	1,152,955	544,128	110,584	5.21	3.75	2,020,294	5.47	11.43

NEWFOUNDLAND AND LABRADOR HYDRO
TABLE 1A - ESTIMATED SURVIVOR CURVE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO UTILITY PLANT AS OF DECEMBER 31, 2024
DEPRECIATION RELATED TO RECOVERY OF ORIGINAL COST OF INVESTMENT
LIFE

Account	Account Description	Survivor Curve	Net Salvage Percent	Economic Planning Horizon	Original Cost as of Dec. 31, 2024	Book Depreciation Reserve	Future Accruals	Calculated Annual Accural Amount	Calculated Annual Accural Rate	Composite Remaining Life	Deemed Cost as of Dec. 31, 2024	Deemed Cost Accrual Rate	Whole Life Accrual Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
M12	MOBILE - AIR COMPRESSOR ATTACHMENT AND BOAT	20-L0	20	0	398,562	235,306	83,544	5,140	1.29	12.24	226,962	2.26	4.00
M13	MOBILE - ARGO'S	9-R5	20	0	810,715	359,512	289,059	44,128	5.44	4.77	677,579	6.51	8.89
M14	MOBILE - FLEX/FORK/LOAD/GRADE/MUSK/TRAILER	18-L3	20	0	15,405,665	7,241,949	5,082,583	457,311	2.97	9.65	12,683,743	3.61	4.44
M16	MULTIPLEX EQUIPMENT	18-S1.5	0	0	3,944,134	2,272,802	1,671,332	139,661	3.54	9.77	2,948,694	4.74	5.56
O01	OFFICE EQUIPMENT	20-SQ	0	0	857,579	469,831	387,748	37,830	4.41	9.64	700,670	5.40	5.00
O02	OFFICE FURNITURE	20-SQ	0	0	1,231,158	831,294	399,864	41,508	3.37	7.67	955,616	4.34	5.00
P01	P.C.B. STORAGE CONTAINER	30-R4	0	0	42,480	42,673	-193	0	0.00	3.06	1,483	-	3.33
P02	PABX - PRIVATE AUTO BRANCH EXCHANGE	20-R4	0	0	258,657	258,657	0	0	0.00	1.44	0	-	5.00
P03	PENSTOCK	80-R5	0	0	80,997,493	28,842,659	52,154,834	1,181,137	1.46	46.40	67,413,890	1.75	1.25
P04	POLE CRIBS AND POLE HARDWARE	40-S2.5	0	0	141,819,478	68,590,104	73,229,374	2,944,164	2.08	23.49	106,682,174	2.76	2.50
P05	POLE STRUCTURES - WOOD	57-R3	0	0	167,444,449	69,535,239	97,909,210	2,630,998	1.57	35.90	130,261,858	2.02	1.75
P06	POLES - CONCRETE	25-R4	0	0	333,760	301,887	31,873	12,532	3.75	1.67	55,346	22.64	4.00
P07	POLES - WOOD	50-R1.5	0	0	97,081,205	37,748,958	59,332,246	1,436,812	1.48	38.58	74,766,742	1.92	2.00
P08	POWER LINE CARRIER	25-R3	0	0	5,397,999	3,344,556	2,053,443	118,168	2.19	12.27	2,850,656	4.15	4.00
P09	POWER SYSTEMS	25-L3	0	0	2,982,746	1,467,552	1,515,194	74,351	2.49	17.81	2,488,828	2.99	4.00
P11	PRINTERS	6-SQ	0	0	1,222,929	464,868	758,061	366,090	29.94	2.40	1,222,929 *	29.94	16.67
P12	PROTECTIVE CONTROL AND RELAY PANELS	35-R3	0	0	36,873,878	8,036,051	28,837,828	1,022,102	2.77	27.66	35,348,237	2.89	2.86
R01	RADIO TOWERS (WOOD OR STEEL)	48-R2	0	0	9,109,013	7,018,603	2,090,410	64,571	0.71	28.43	2,965,685	2.18	2.08
R02	RADIOS - FIXED MICROWAVE EQUIPMENT AND FIXED UHF EQUIPMENT	15-R5	0	0	5,514,182	3,712,155	1,802,028	285,916	5.19	4.68	3,770,946	7.58	6.67
R04	RADIOS - FIXED VHF EQUIPMENT AND MOBILE VHF BASE STATION	15-R3	0	0	7,650,723	7,999,278	-348,555	0	0.00	2.41	3,370,149	-	6.67
R06	RAMPS - YARD STORAGE	25-R3	0	0	2,139,975	1,340,485	799,490	57,526	2.69	10.97	1,481,689	3.88	4.00
R07	REACTORS AND RESISTORS	40-S4	0	0	2,393,259	730,664	1,662,594	68,665	2.87	26.19	2,096,778	3.27	2.50
R08	RECLOSERS	48-R2	0	0	11,635,532	3,659,483	7,976,049	197,261	1.70	37.53	9,611,239	2.05	2.08
R09	REGULATORS	35-S0	0	0	8,888,387	2,960,067	5,928,320	207,185	2.33	26.18	7,398,768	2.80	2.86
R11	REVENUE METERING	35-R3	0	0	3,119,204	1,233,342	1,885,863	74,938	2.40	22.67	2,779,291	2.70	2.86
R12	RIGHT-OF-WAYS	65-R4	0	0	44,690,949	13,799,054	30,891,895	650,488	1.46	46.29	36,987,696	1.76	1.54
R13	ROADS	60-R4	0	0	89,193,160	37,274,151	51,919,010	2,142,697	2.40	25.26	80,093,181	2.68	1.67
R14	ROUTERS AND LAN	5-SQ	0	0	3,076,712	1,402,491	1,674,222	669,204	21.75	2.38	3,076,712 *	21.75	20.00
R15	RUNNER	55-R5	0	0	11,965,310	10,150,060	1,815,250	174,129	1.46	9.48	7,117,305	2.45	1.82
S01	SCADA EQUIPMENT	20-L3	0	0	5,299,783	2,886,648	2,413,135	192,124	3.63	11.04	4,065,452	4.73	5.00
S02	SECTIONALIZERS	25-R5	0	0	451,634	108,426	343,208	15,382	3.41	19.65	409,235	3.76	4.00
S03	SERVERS	7-SQ	0	0	446,663	375,398	71,265	36,787	8.24	1.84	446,663 *	8.24	14.29
S04	SEWAGE DISPOSAL SYSTEM	55-R4	0	0	3,381,486	1,998,962	1,382,525	35,329	1.04	32.80	1,722,506	2.05	1.82
S05	SOFTWARE	7-SQ	0	0	18,758,829	6,256,441	12,502,388	4,547,793	24.24	2.97	18,758,829 *	24.24	14.29
S06	SPILLWAY STRUCTURES AND WATER REGULATING STRUCTURES	110-R4	0	0	53,521,751	15,206,073	38,315,678	515,460	0.96	74.75	47,409,849	1.09	0.91
S07	STACKS	55-R4	0	0	7,691,793	3,544,577	4,147,216	96,013	1.25	34.11	5,230,517	1.84	1.82
S10	STATION SERVICE	50-R4	0	0	10,432,762	3,615,145	6,817,617	185,839	1.78	33.95	9,147,501	2.03	2.00
S11	STOP LOGS	65-R4	0	0	3,671,209	1,275,708	2,395,502	76,176	2.07	34.49	3,210,939	2.37	1.54
S12	STORAGE PALLETS AND RACKINGS	30-R3	0	0	35,786	15,258	20,528	757	2.12	18.63	21,383	3.54	3.33
S13	STORM AND YARD DRAINAGE	55-R4	0	0	1,308,713	1,122,528	186,186	6,092	0.47	20.11	283,067	2.15	1.82
S14	STREET LIGHTS	25-R1.5	0	0	11,111,422	3,994,566	7,116,855	322,199	2.90	19.32	9,591,214	3.36	4.00
S15	STRUCTURAL SUPPORTS (WOOD OR STEEL)	55-R4	0	0	18,785,946	8,446,090	10,339,857	296,348	1.58	32.36	13,522,697	2.19	1.82
S17	SUMP SYSTEMS	35-R4	0	0	1,428,383	425,286	1,003,097	35,799	2.51	26.38	1,365,263	2.62	2.86
S18	SURGE SYSTEMS	60-R4	0	0	12,102,159	4,845,572	7,256,587	139,421	1.15	40.28	9,505,117	1.47	1.67
S19	STATION SWITCHING	38-S0.5	0	0	11,527,978	6,135,411	5,392,567	233,364	2.02	21.35	8,117,734	2.87	2.63
S20	SWITCHING SYSTEMS - L.V.	60-R5	0	0	2,304,609	945,176	1,359,433	57,306	2.49	25.89	2,071,699	2.77	1.67
S24	SOFTWARE	10-SQ	0	0	23,519,313	14,976,585	8,542,728	1,553,223	6.60	5.50	23,519,313 *	6.60	10.00
T01	TELECONTROL SYSTEM	27-S0.5	0	0	14,400,574	8,317,422	6,083,152	326,328	2.27	15.54	9,904,394	3.29	3.70
T02	TEST EQUIPMENT	20-SQ	0	0	1,866,313	1,078,858	787,454	78,035	4.18	8.94	1,464,126	5.33	5.00
T03	TOOLS AND EQUIPMENT	20-SQ	0	0	23,267,811	9,453,684	13,814,127	1,150,004	4.94	11.88	20,897,325	5.50	5.00
T04	TOWERS	65-R4	0	0	136,015,490	39,678,944	96,336,546	2,286,478	1.68	43.65	118,118,810	1.94	1.54
T05	TRANSFORMERS - OTHER, PAD MOUNT, AND STATIC EXCITATION SYSTEM AND TRANSFORMERS	50-R2.5	0	0	187,301,538	63,796,403	123,505,135	3,349,335	1.79	34.75	155,727,174	2.15	2.00
T07	TRANSFORMERS - POLE MOUNTED	35-L1	0	0	58,430,357	23,163,936	35,266,421	1,282,464	2.19	26.27	51,076,728	2.51	2.86
T09	TURBINES	55-R2.5	0	0	72,377,281	38,799,033	33,578,248	1,170,207	1.62	27.63	49,668,249	2.36	1.82
T11	HOLYROOD GAS TURBINE - TURBINE OVERHAUL	6-SQ	0	0	58,833	50,662	8,171	8,171	13.89	0.50	58,833 *	13.89	16.67
T12	HOLYROOD GAS TURBINE - COMPRESSOR OVERHAUL	12-SQ	0	0	3,088,487	2,589,888	498,599	199,440	6.46	2.50	3,088,487 *	6.46	8.33
T14	TRANSFORMERS - CHARGING STATION	10-SQ	0	0	551,104	139,302	411,801	56,505	10.25	7.29	551,104 *	10.25	10.00
V01	VACUUM CLEANING SYSTEM	60-R4	0	0	72,451	68,882	3,569	192	0.27	16.19	6,099	3.15	1.67
V02	VALVES - PENSTOCK	65-R3	0	0	8,247,625	3,521,680	4,725,945	129,431	1.57	36.75	6,248,923	2.07	1.54
V03	VEHICLES - 1 TON	8-L4	15	0	108,120	78,774	13,128	7,077	6.55	1.82	108,120	6.55	10.63
V04	VEHICLES - 3/4 TON AND UNDER	7-L3	15	0	10,506,578	4,267,668	4,662,923	919,242	8.75	4.39	9,979,472	9.21	12.14
V05	VEHICLES - BOOMS/BODIES/CRANES/CAB/CHASSIS	13-L3	15	0	19,812,665	8,777,617	8,063,148	861,831	4.35	7.86	18,343,614	4.70	6.54
V06	VEHICLES - CARS, STATION WAGONS AND VAN	7-L3	15	0	1,720,363	1,010,593	451,715	78,193	4.55	3.89	1,549,132	5.05	12.14
V07	VEHICLES - DUMP TRUCKS	10-L5	15	0	175,952	88,400	61,159	13,578	7.72	4.21	164,417	8.26	8.50
W04	WATER TREATMENT AND WATER SYSTEMS - FEED	55-R1.5	0	0	17,319,432	8,872,921	8,446,511	186,765	1.08	36.41	10,705,544	1.74	1.82

NEWFOUNDLAND AND LABRADOR HYDRO

TABLE 1A - ESTIMATED SURVIVOR CURVE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO UTILITY PLANT AS OF DECEMBER 31, 2024
DEPRECIATION RELATED TO RECOVERY OF ORIGINAL COST OF INVESTMENT
LIFE

Account	Account Description	Survivor Curve	Net Salvage Percent	Economic Planning Horizon	Original Cost as of Dec. 31, 2024	Book Depreciation Reserve	Future Accruals	Calculated Annual Accural Amount	Calculated Annual Accural Rate	Composite Remaining Life	Deemed Cost as of Dec. 31, 2024	Deemed Cost Accrual Rate	Whole Life Accrual Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	TOTAL PLANT IN SERVICE				**3,447,496,530**	**1,238,571,447**	**2,200,329,272**	**71,298,335**	**2.07**		**2,850,991,727**	**2.50**	
	HOLYROOD ASSET												
H02	HRD ACCELERATED ASSET	N/A	0	0	271,649,767	199,115,165	72,534,602	0	0.00	0.00	198,050,200	0.00	0.00
	TOTAL PLANT				**3,719,146,298**	**1,437,686,612**	**2,272,863,875**	**71,298,335**	**1.92**		**3,049,041,927**	**2.34**	
	Fully Depreciated												
T10	HOLYROOD GAS TURBINE - COMBUSTOR OVERHAUL	3-SQ			3,028,925.67	3,028,925.67	0	0	0.00	0.00	3,028,925.67	0	33.33

*In instances where the UoP is an amortized account (denoted with a "-SQ" in Column '2') that is comprised of only vintages 2014 and newer, the Deemed Cost in Column '11' has been set to equal the Original Cost in Column '5'

NEWFOUNDLAND AND LABRADOR HYDRO

TABLE 1B - ESTIMATED SURVIVOR CURVE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO UTILITY PLANT AS OF DECEMBER 31, 2024
DEPRECIATION RELATED TO RECOVERY OF ORIGINAL COST OF INVESTMENT AND COST OF REMOVAL
COST OF REMOVAL

Account	Account Description	Survivor Curve	Net Salvage Percent	Economic Planning Horizon	Original Cost as of Dec. 31, 2024	Book Depreciation Reserve	Future Accruals	Calculated Annual Accural Amount	Calculated Annual Accural Rate	Deemed Cost as of Dec. 31, 2024	Deemed Cost Accrual Rate	Whole Life Accrual Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
A01	AIRCRAFT LANDING STRIP	33-R2	0	0	203,513	0	0	0	0.00	70,960	0.00	0.00
A04	AUXILIARY POWER SYSTEMS	25-R4	0	0	13,474,063	0	0	0	0.00	11,533,431	0.00	0.00
B01	BATTERY AND POWER SYSTEMS	20-L1.5	0	0	15,843,874	0	0	0	0.00	12,933,879	0.00	0.00
B02	BOILER SYSTEM	40-R1	0	0	20,768,742	0	0	0	0.00	1	0.00	0.00
B03	BOOMS - TIMBER	25-R2.5	0	0	388,846	0	0	0	0.00	325,629	0.00	0.00
B04	BRIDGES	65-R4	0	0	10,669,071	0	0	0	0.00	7,379,786	0.00	0.00
B05	BUILDINGS - OTHER	55-R1	0	0	93,657,208	0	0	0	0.00	66,826,043	0.00	0.00
B06	BUILDINGS - METAL	55-R3	0	0	54,936,775	0	0	0	0.00	37,891,648	0.00	0.00
B07	BUS DUCT GENERATOR	40-R4	0	0	1,943,274	0	0	0	0.00	1,472,481	0.00	0.00
B08	BUSWORK AND HARDWARE	50-R4	-5	0	8,228,874	28,174	383,270	19,609	0.24	4,596,725	0.43	0.10
C01	CABLES - TELECONTROL	30-R4	-5	0	1,794,464	5,914	83,809	8,642	0.48	467,945	1.85	0.17
C02	CABLE - SUBMARINE	45-R4	-15	0	10,575,115	73,321	1,512,946	110,457	1.04	4,450,720	2.48	0.34
C03	CABLES - UNDERGROUND	60-S4	-10	0	9,369,490	40,633	896,316	21,115	0.23	8,489,353	0.25	0.16
C04	CABLES - ABOVE GROUND	65-R4	-10	0	15,804,507	70,938	1,509,513	44,498	0.28	10,437,995	0.43	0.15
C06	CAPACITORS	35-R3	-3	0	4,189,640	9,023	116,666	4,543	0.11	3,889,796	0.12	0.08
C07	CHEMICAL FEED SYSTEMS	45-R4	-5	0	459,814	1,295	21,695	1,628	0.35	13,291	12.25	0.11
C09	CIRCUIT BREAKERS	55-R2	-5	0	110,261,816	276,360	5,236,731	117,665	0.11	105,623,052	0.11	0.09
C10	COMPRESSED AIR SYSTEMS	41-R1.5	0	0	18,060,596	0	0	0	0.00	15,839,091	0.00	0.00
C11	COMPUTERS	5-SQ	0	0	9,559,119	0	0	0	0.00	9,559,119 *	0.00	0.00
C12	CONDENSERS	55-R3	-3	0	1,036,726	713	30,389	808	0.08	910,796	0.09	0.05
C13	CONDUCTOR - TRANSMISSION	60-R3	-5	0	87,921,464	143,796	4,252,277	150,528	0.17	65,345,832	0.23	0.08
C14	CONDUCTOR - DISTRIBUTION	48-R3	-10	0	40,672,011	229,675	3,837,526	165,775	0.41	25,203,809	0.66	0.21
C15	CONTROL, METERING, RELAYING	35-R3	0	0	58,549,931	0	0	0	0.00	49,758,145	0.00	0.00
C16	COOLING SYSTEMS AND WATER SUPPLY SYSTEMS	40-R1.5	0	0	23,131,259	0	0	0	0.00	19,877,147	0.00	0.00
C17	COUNTERPOISE	55-R2.5	0	0	6,872,703	0	0	0	0.00	5,667,590	0.00	0.00
C18	CRANES	70-R3	0	0	9,387,894	0	0	0	0.00	8,605,978	0.00	0.00
C21	CELL PHONES	3-SQ	0	0	447,440	0	0	0	0.00	447,440 *	0.00	0.00
C22	CHARGING STATION	10-SQ	0	0	1,096,560	0	0	0	0.00	1,096,560 *	0.00	0.00
D01	DAMS, DYKES, CANALS AND TUNNELS	110-R4	-5	0	364,417,536	0	18,220,877	273,818	0.08	343,490,270	0.08	0.04
D02	DIESEL SYSTEMS AND ENGINES	22-L0.5	-15	0	62,436,506	503,969	8,861,507	602,166	0.96	61,842,150	0.97	0.68
D03	DISCONNECT SWITCHES	55-R2.5	0	0	36,177,185	0	0	0	0.00	31,898,423	0.00	0.00
D04	DYKES AND LINERS	42-L1.5	-5	0	2,364,261	7,509	110,704	5,268	0.22	695,798	0.76	0.12
E01	ELEVATORS	45-S5	0	0	89,800	0	0	0	0.00	0	0.00	0.00
E02	EMS EQUIPMENT	30-S0.5	0	0	349,390	0	0	0	0.00	159,467	0.00	0.00
E03	ENVIRONMENTAL EQUIPMENT	47-R3	0	0	648,064	0	0	0	0.00	239,709	0.00	0.00
F01	FALL ARREST EQUIPMENT	15-R4	0	0	2,700,038	0	0	0	0.00	2,231,969	0.00	0.00
F02	FENCING	52-R3	0	0	12,258,892	0	0	0	0.00	8,945,268	0.00	0.00
F03	FIRE FIGHTING EQUIPMENT	50-R4	0	0	26,755,598	0	0	0	0.00	22,194,719	0.00	0.00
F04	FOOTINGS AND FOUNDATIONS	65-R3	0	0	182,909,843	0	0	0	0.00	175,231,253	0.00	0.00
F06	FUEL SYSTEMS	50-R0.5	-15	0	51,166,938	162,044	7,512,997	177,773	0.35	43,306,003	0.41	0.30
G01	GAS TURBINE SYSTEMS	40-R3	-5	0	81,891,696	48,738	4,045,846	217,281	0.27	60,519,497	0.36	0.13
G02	GATES	80-R4	0	0	34,128,006	0	0	0	0.00	31,677,994	0.00	0.00
G03	GENERATORS, WINDINGS, AND POWERHOUSE	62-R2.5	-5	0	281,873,414	362,586	13,731,085	404,345	0.14	235,294,542	0.17	0.08
G05	GLYCOL SYSTEMS	40-S3	-5	0	579,951	2,622	26,375	2,174	0.37	147,734	1.47	0.13
G06	GOVENORS	45-S4	-10	0	7,884,152	64,811	723,604	68,158	0.86	6,608,143	1.03	0.22
G07	GROUND WIRE SYSTEM	60-R4	-5	0	30,876,466	59,635	1,484,189	35,305	0.11	28,169,713	0.13	0.08
I02	INSTRUMENTATION	25-L0.5	0	0	7,956,961	0	0	0	0.00	3,435,984	0.00	0.00
I03	INSULATORS	35-R2.5	0	0	45,938,098	0	0	0	0.00	32,114,977	0.00	0.00
I04	INTAKE STRUCTURES	110-R4	0	0	28,008,052	0	0	0	0.00	26,798,169	0.00	0.00
I05	INVERTERS	22-S1.5	-5	0	949,852	14,852	32,640	5,929	0.62	662,921	0.89	0.22
L03	LAND IMPROVEMENTS	75-R3	0	0	18,341,445	0	0	0	0.00	10,163,378	0.00	0.00
L04	LIGHTING SYSTEMS	50-R4	0	0	5,123,206	0	0	0	0.00	4,726,865	0.00	0.00
L05	LIGHTNING ARRESTORS	58-R3	0	0	7,003,856	0	0	0	0.00	4,794,102	0.00	0.00
L06	LINE COUPLING EQUIPMENT	24-R5	0	0	11,226	0	0	0	0.00	0	0.00	0.00
M01	MAIN BREAKERS	42-R0.5	-5	0	479,851	1,285	22,708	850	0.18	265,238	0.32	0.12
M02	MARINE TERMINAL	65-R4	-5	0	2,964,963	6	148,242	7,705	0.26	1,499	513.90	0.08
M03	METALCLAD SWITCHGEAR CUB/EQU 4kv/600	45-R4	-5	0	3,479,227	8,637	165,325	6,662	0.19	1,915,245	0.35	0.11
M04	METER TEST SWITCHES	35-R5	0	0	37,080	0	0	0	0.00	9,113	0.00	0.00
M05	METERING TANKS	37-R3	0	0	494,558	0	0	0	0.00	408,557	0.00	0.00
M06	METERS - DIGITAL	18-L3	0	0	10,784,373	0	0	0	0.00	10,456,531	0.00	0.00
M07	METERS - ANALOGUE	25-L2	0	0	404,630	0	0	0	0.00	404,630	0.00	0.00
M08	METERS - OTHER	22-L4	0	0	704,695	0	0	0	0.00	697,420	0.00	0.00
M10	MISCELLANEOUS UNITS OF PROPERTY	25-R1.5	0	0	6,300,087	0	0	0	0.00	4,655,530	0.00	0.00
M11	MOBILE - A.T.V.'S AND SNOWMOBILES	7-L3	0	0	2,121,354	0	0	0	0.00	2,020,294	0.00	0.00

NEWFOUNDLAND AND LABRADOR HYDRO
TABLE 1B - ESTIMATED SURVIVOR CURVE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO UTILITY PLANT AS OF DECEMBER 31, 2024
DEPRECIATION RELATED TO RECOVERY OF ORIGINAL COST OF INVESTMENT AND COST OF REMOVAL
COST OF REMOVAL

Account	Account Description	Survivor Curve	Net Salvage Percent	Economic Planning Horizon	Original Cost as of Dec. 31, 2024	Book Depreciation Reserve	Future Accruals	Calculated Annual Accural Amount	Calculated Annual Accural Rate	Deemed Cost as of Dec. 31, 2024	Deemed Cost Accrual Rate	Whole Life Accrual Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
M12	MOBILE - AIR COMPRESSOR ATTACHMENT AND BOAT	20-L0	0	0	398,562	0	0	0	0.00	226,962	0.00	0.00
M13	MOBILE - ARGO'S	9-R5	0	0	810,715	0	0	0	0.00	677,579	0.00	0.00
M14	MOBILE - FLEX/FORK/LOAD/GRADE/MUSK/TRAILER	18-L3	0	0	15,405,665	0	0	0	0.00	12,683,743	0.00	0.00
M16	MULTIPLEX EQUIPMENT	18-S1.5	0	0	3,944,134	0	0	0	0.00	2,948,694	0.00	0.00
O01	OFFICE EQUIPMENT	20-SQ	0	0	857,579	0	0	0	0.00	700,670	0.00	0.00
O02	OFFICE FURNITURE	20-SQ	0	0	1,231,158	0	0	0	0.00	955,616	0.00	0.00
P01	P.C.B. STORAGE CONTAINER	30-R4	0	0	42,480	0	0	0	0.00	1,483	0.00	0.00
P02	PABX - PRIVATE AUTO BRANCH EXCHANGE	20-R4	0	0	258,657	0	0	0	0.00	0	0.00	0.00
P03	PENSTOCK	80-R5	-5	0	80,997,493	0	4,049,875	106,047	0.13	67,413,890	0.16	0.06
P04	POLE CRIBS AND POLE HARDWARE	40-S2.5	-25	0	141,819,478	1,392,239	34,062,631	1,677,399	1.18	106,682,174	1.57	0.63
P05	POLE STRUCTURES - WOOD	57-R3	-10	0	167,444,449	269,065	16,475,380	534,473	0.32	130,261,858	0.41	0.18
P06	POLES - CONCRETE	25-R4	-25	0	333,760	29,693	53,747	43,825	13.13	55,346	79.18	1.00
P07	POLES - WOOD	50-R1.5	-25	0	97,081,205	622,149	23,648,153	643,675	0.66	74,766,742	0.86	0.50
P08	POWER LINE CARRIER	25-R3	-5	0	5,397,999	30,810	239,090	24,733	0.46	2,850,656	0.87	0.20
P09	POWER SYSTEMS	25-L3	0	0	2,982,746	0	0	0	0.00	2,488,828	0.00	0.00
P11	PRINTERS	6-SQ	0	0	1,222,929	0	0	0	0.00	1,222,929 *	0.00	0.00
P12	PROTECTIVE CONTROL AND RELAY PANELS	35-R3	0	0	36,873,878	0	0	0	0.00	35,348,237	0.00	0.00
R01	RADIO TOWERS (WOOD OR STEEL)	48-R2	-5	0	9,109,013	33,431	422,020	13,834	0.15	2,965,685	0.47	0.11
R02	RADIOS - FIXED MICROWAVE EQUIPMENT AND FIXED UHF EQUIPMENT	15-R5	0	0	5,514,182	0	0	0	0.00	3,770,946	0.00	0.00
R04	RADIOS - FIXED VHF EQUIPMENT AND MOBILE VHF BASE STATION	15-R3	0	0	7,650,723	0	0	0	0.00	3,370,149	0.00	0.00
R06	RAMPS - YARD STORAGE	25-R3	0	0	2,139,975	0	0	0	0.00	1,481,689	0.00	0.00
R07	REACTORS AND RESISTORS	40-S4	0	0	2,393,259	0	0	0	0.00	2,096,778	0.00	0.00
R08	RECLOSERS	48-R2	-5	0	11,635,532	33,528	548,248	15,414	0.13	9,611,239	0.16	0.11
R09	REGULATORS	35-S0	-5	0	8,888,387	30,568	413,851	17,125	0.19	7,398,768	0.23	0.14
R11	REVENUE METERING	35-R3	0	0	3,119,204	0	0	0	0.00	2,779,291	0.00	0.00
R12	RIGHT-OF-WAYS	65-R4	0	0	44,690,949	0	0	0	0.00	36,987,696	0.00	0.00
R13	ROADS	60-R4	0	0	89,193,160	0	0	0	0.00	80,093,181	0.00	0.00
R14	ROUTERS AND LAN	5-SQ	0	0	3,076,712	0	0	0	0.00	3,076,712 *	0.00	0.00
R15	RUNNER	55-R5	0	0	11,965,310	0	0	0	0.00	7,117,305	0.00	0.00
S01	SCADA EQUIPMENT	20-L3	0	0	5,299,783	0	0	0	0.00	4,065,452	0.00	0.00
S02	SECTIONALIZERS	25-R5	0	0	451,634	0	0	0	0.00	409,235	0.00	0.00
S03	SERVERS	7-SQ	0	0	446,663	0	0	0	0.00	446,663 *	0.00	0.00
S04	SEWAGE DISPOSAL SYSTEM	55-R4	-5	0	3,381,486	5,547	163,527	5,050	0.15	1,722,506	0.29	0.09
S05	SOFTWARE	7-SQ	0	0	18,758,829	0	0	0	0.00	18,758,829 *	0.00	0.00
S06	SPILLWAY STRUCTURES AND WATER REGULATING STRUCTURES	110-R4	-5	0	53,521,751	0	2,676,088	37,085	0.07	47,409,849	0.08	0.04
S07	STACKS	55-R4	-5	0	7,691,793	16,524	368,066	12,898	0.17	5,230,517	0.25	0.09
S10	STATION SERVICE	50-R4	-5	0	10,432,762	25,812	495,826	22,552	0.22	9,147,501	0.25	0.10
S11	STOP LOGS	65-R4	0	0	3,671,209	0	0	0	0.00	3,210,939	0.00	0.00
S12	STORAGE PALLETS AND RACKINGS	30-R3	0	0	35,786	0	0	0	0.00	21,383	0.00	0.00
S13	STORM AND YARD DRAINAGE	55-R4	0	0	1,308,713	0	0	0	0.00	283,067	0.00	0.00
S14	STREET LIGHTS	25-R1.5	-10	0	11,111,422	50,097	1,061,045	56,228	0.51	9,591,214	0.59	0.40
S15	STRUCTURAL SUPPORTS (WOOD OR STEEL)	55-R4	-5	0	18,785,946	39,296	900,001	39,158	0.21	13,522,697	0.29	0.09
S17	SUMP SYSTEMS	35-R4	0	0	1,428,383	0	0	0	0.00	1,365,263	0.00	0.00
S18	SURGE SYSTEMS	60-R4	0	0	12,102,159	0	0	0	0.00	9,505,117	0.00	0.00
S19	STATION SWITCHING	38-S0.5	0	0	11,527,978	0	0	0	0.00	8,117,734	0.00	0.00
S20	SWITCHING SYSTEMS - L.V.	60-R5	0	0	2,304,609	0	0	0	0.00	2,071,699	0.00	0.00
S24	SOFTWARE	10-SQ	0	0	23,519,313	0	0	0	0.00	#N/A	0.00	0.00
T01	TELECONTROL SYSTEM	27-S0.5	0	0	14,400,574	0	0	0	0.00	9,904,394	0.00	0.00
T02	TEST EQUIPMENT	20-SQ	0	0	1,866,313	0	0	0	0.00	1,464,126	0.00	0.00
T03	TOOLS AND EQUIPMENT	20-SQ	0	0	23,267,811	0	0	0	0.00	20,897,325	0.00	0.00
T04	TOWERS	65-R4	0	0	136,015,490	0	0	0	0.00	118,118,810	0.00	0.00
T05	TRANSFORMERS - OTHER, PAD MOUNT, AND STATIC EXCITATION SYSTEM AND TRANSFORMERS	50-R2.5	-5	0	187,301,538	537,215	8,827,862	324,004	0.17	155,727,174	0.21	0.10
T07	TRANSFORMERS - POLE MOUNTED	35-L1	-10	0	58,430,357	237,814	5,605,222	221,812	0.38	51,076,728	0.43	0.28
T09	TURBINES	55-R2.5	-20	0	72,377,281	0	14,475,456	640,378	0.88	49,668,249	1.29	0.36
T11	HOLYROOD GAS TURBINE - TURBINE OVERHAUL	6-SQ	0	0	58,833	0	0	0	0.00	58,833 *	0.00	0.00
T12	HOLYROOD GAS TURBINE - COMPRESSOR OVERHAUL	12-SQ	0	0	3,088,487	0	0	0	0.00	3,088,487 *	0.00	0.00
T14	TRANSFORMERS - CHARGING STATION	10-SQ	0	0	551,104	0	0	0	0.00	551,104 *	0.00	0.00
V01	VACUUM CLEANING SYSTEM	60-R4	0	0	72,451	0	0	0	0.00	6,099	0.00	0.00
V02	VALVES - PENSTOCK	65-R3	0	0	8,247,625	0	0	0	0.00	6,248,923	0.00	0.00
V03	VEHICLES - 1 TON	8-L4	0	0	108,120	0	0	0	0.00	108,120	0.00	0.00
V04	VEHICLES - 3/4 TON AND UNDER	7-L3	0	0	10,506,578	0	0	0	0.00	9,979,472	0.00	0.00
V05	VEHICLES - BOOMS/BODIES/CRANES/CAB/CHASSIS	13-L3	0	0	19,812,665	0	0	0	0.00	18,343,614	0.00	0.00
V06	VEHICLES - CARS, STATION WAGONS AND VAN	7-L3	0	0	1,720,363	0	0	0	0.00	1,549,132	0.00	0.00
V07	VEHICLES - DUMP TRUCKS	10-L5	0	0	175,952	0	0	0	0.00	164,417	0.00	0.00
W04	WATER TREATMENT AND WATER SYSTEMS - FEED	55-R1.5	-5	0	17,319,432	26,621	839,351	24,929	0.14	10,705,544	0.23	0.09

NEWFOUNDLAND AND LABRADOR HYDRO

TABLE 1B - ESTIMATED SURVIVOR CURVE, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO UTILITY PLANT AS OF DECEMBER 31, 2024

DEPRECIATION RELATED TO RECOVERY OF ORIGINAL COST OF INVESTMENT AND COST OF REMOVAL

COST OF REMOVAL

Account	Account Description	Survivor Curve	Net Salvage Percent	Economic Planning Horizon	Original Cost as of Dec. 31, 2024	Book Depreciation Reserve	Future Accruals	Calculated Annual Accural Amount	Calculated Annual Accural Rate	Deemed Cost as of Dec. 31, 2024	Deemed Cost Accrual Rate	Whole Life Accrual Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	TOTAL PLANT IN SERVICE				**3,447,496,530**	**5,496,944**	**188,292,676**	**6,913,321**	**0.20**	**#N/A**	**#N/A**	
	HOLYROOD ASSET											
H02	HRD ACCELERATED ASSET	N/A	0	0	210,273,063	0	0	0	0.00	198,050,200	0.00	0.00
	TOTAL PLANT				**3,657,769,593**	**5,496,944**	**188,292,676**	**6,913,321**	**0.19**	**#N/A**	**#N/A**	
	Fully Depreciated											
T10	HOLYROOD GAS TURBINE - COMBUSTOR OVERHAUL	3-SQ			3,028,925.67	3,028,925.67	0	0	0.00	3,028,925.67	0.00	0.00

*In instances where the UoP is an amortized account (denoted with a "-SQ" in Column '2') that is comprised of only vintages 2014 and newer, the Deemed Cost in Column '11' has been set to equal the Original Cost in Column '5'

SECTION 6

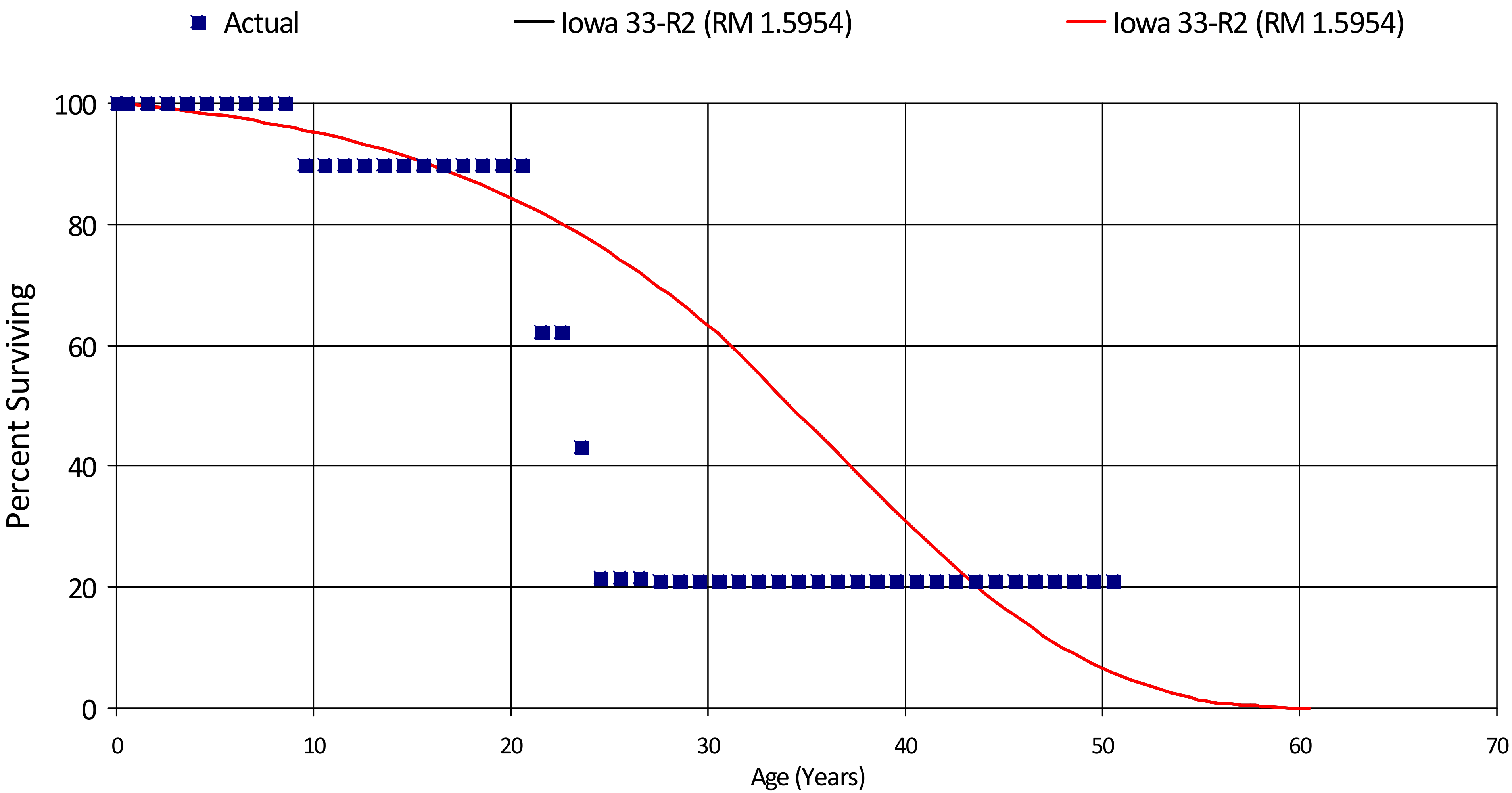
6 RETIREMENT RATE ANALYSIS

Newfoundland and Labrador Hydro

Account A01 - Aircraft Landing Strip

Placement Band - 1968 - 2024   Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account A01 - Aircraft Landing Strip

Placement Band - 1968 - 2024 Experience Band - 1992 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	415,645	0	0.00000	1.00000	100.00
0.5	415,645	0	0.00000	1.00000	100.00
1.5	415,645	0	0.00000	1.00000	100.00
2.5	415,645	0	0.00000	1.00000	100.00
3.5	396,074	0	0.00000	1.00000	100.00
4.5	396,074	0	0.00000	1.00000	100.00
5.5	396,074	0	0.00000	1.00000	100.00
6.5	396,074	0	0.00000	1.00000	100.00
7.5	396,074	0	0.00000	1.00000	100.00
8.5	344,685	35,373	0.10262	0.89738	100.00
9.5	309,312	0	0.00000	1.00000	89.74
10.5	309,312	0	0.00000	1.00000	89.74
11.5	309,312	0	0.00000	1.00000	89.74
12.5	309,312	0	0.00000	1.00000	89.74
13.5	309,312	0	0.00000	1.00000	89.74
14.5	309,312	0	0.00000	1.00000	89.74
15.5	309,312	0	0.00000	1.00000	89.74
16.5	309,312	0	0.00000	1.00000	89.74
17.5	309,312	0	0.00000	1.00000	89.74
18.5	230,922	0	0.00000	1.00000	89.74
19.5	230,922	0	0.00000	1.00000	89.74
20.5	230,922	70,746	0.30636	0.69364	89.74
21.5	160,176	0	0.00000	1.00000	62.25
22.5	160,176	48,887	0.30521	0.69479	62.25
23.5	111,289	55,677	0.50029	0.49971	43.25
24.5	55,612	0	0.00000	1.00000	21.61
25.5	55,612	0	0.00000	1.00000	21.61
26.5	55,612	1,449	0.02606	0.97394	21.61

Newfoundland and Labrador Hydro

Account A01 - Aircraft Landing Strip

Placement Band - 1968 - 2024   Experience Band - 1992 - 2024

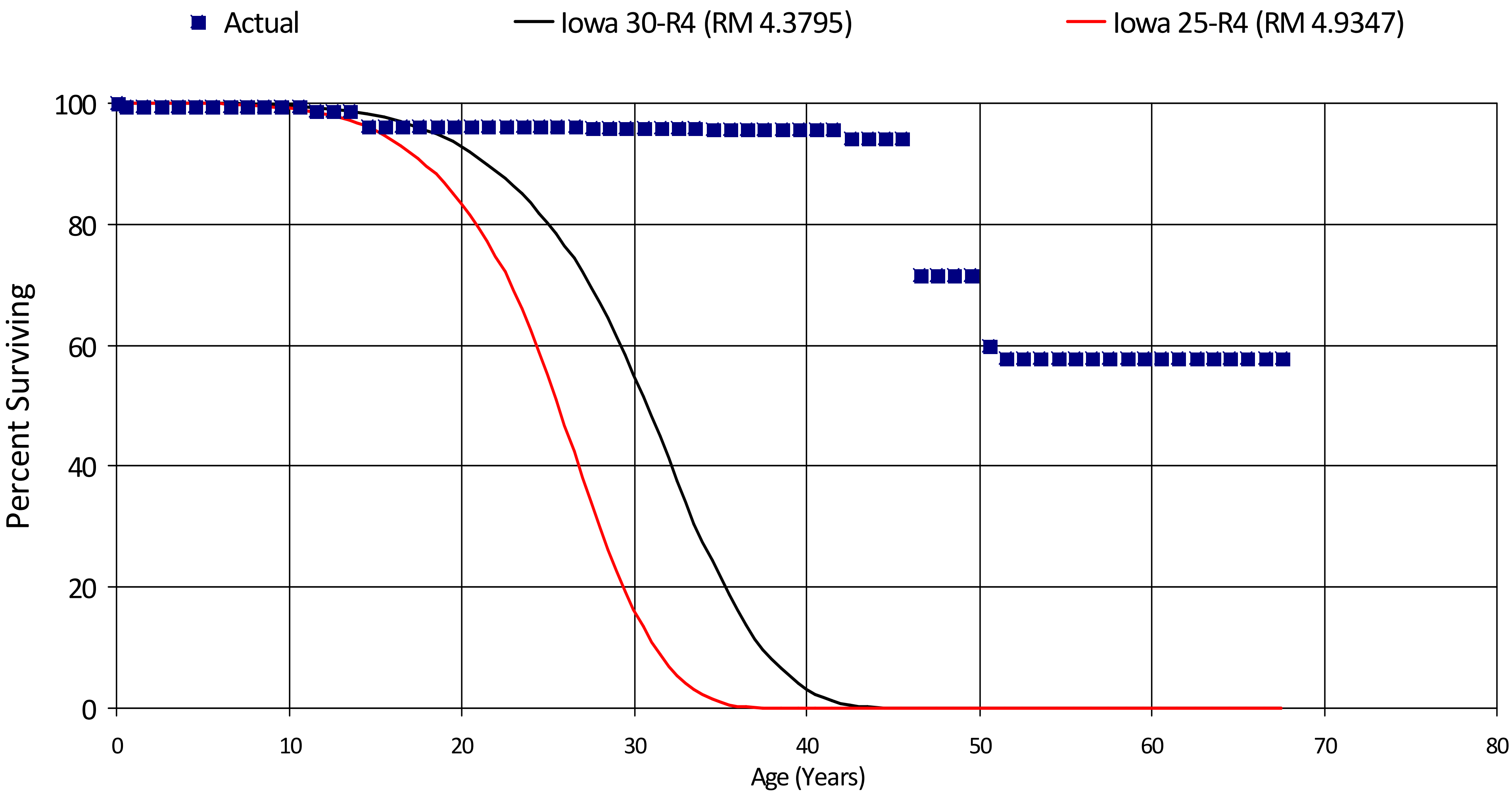
27.5	54,163	0	0.00000	1.00000	21.05
28.5	54,163	0	0.00000	1.00000	21.05
29.5	54,163	0	0.00000	1.00000	21.05
30.5	7,976	0	0.00000	1.00000	21.05
31.5	7,976	0	0.00000	1.00000	21.05
32.5	7,976	0	0.00000	1.00000	21.05
33.5	7,976	0	0.00000	1.00000	21.05
34.5	7,976	0	0.00000	1.00000	21.05
35.5	7,976	0	0.00000	1.00000	21.05
36.5	7,976	0	0.00000	1.00000	21.05
37.5	7,976	0	0.00000	1.00000	21.05
38.5	7,976	0	0.00000	1.00000	21.05
39.5	7,976	0	0.00000	1.00000	21.05
40.5	7,976	0	0.00000	1.00000	21.05
41.5	7,976	0	0.00000	1.00000	21.05
42.5	7,976	0	0.00000	1.00000	21.05
43.5	7,976	0	0.00000	1.00000	21.05
44.5	7,976	0	0.00000	1.00000	21.05
45.5	7,976	0	0.00000	1.00000	21.05
46.5	7,976	0	0.00000	1.00000	21.05
47.5	7,976	0	0.00000	1.00000	21.05
48.5	7,976	0	0.00000	1.00000	21.05
49.5	7,976	0	0.00000	1.00000	21.05
50.5	0	0	0.00000	0.00000	21.05
	Totals:	212,132			

Newfoundland and Labrador Hydro

Account A04 - Auxiliary Power Systems

Placement Band - 1956 - 2024   Experience Band - 2003 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	13,844,362	56,321	0.00407	0.99593	100.00
0.5	11,427,220	0	0.00000	1.00000	99.59
1.5	10,116,331	0	0.00000	1.00000	99.59
2.5	9,924,314	0	0.00000	1.00000	99.59
3.5	9,924,314	0	0.00000	1.00000	99.59
4.5	9,478,288	0	0.00000	1.00000	99.59
5.5	9,339,829	0	0.00000	1.00000	99.59
6.5	7,530,046	0	0.00000	1.00000	99.59
7.5	6,200,564	0	0.00000	1.00000	99.59
8.5	6,013,297	0	0.00000	1.00000	99.59
9.5	4,675,987	0	0.00000	1.00000	99.59
10.5	4,675,987	39,015	0.00834	0.99166	99.59
11.5	3,834,495	0	0.00000	1.00000	98.76
12.5	3,621,479	0	0.00000	1.00000	98.76
13.5	3,561,653	88,784	0.02493	0.97507	98.76
14.5	3,183,396	0	0.00000	1.00000	96.30
15.5	3,183,396	0	0.00000	1.00000	96.30
16.5	3,183,396	0	0.00000	1.00000	96.30
17.5	3,183,396	0	0.00000	1.00000	96.30
18.5	3,183,396	0	0.00000	1.00000	96.30
19.5	3,085,854	0	0.00000	1.00000	96.30
20.5	3,085,854	0	0.00000	1.00000	96.30
21.5	2,637,456	0	0.00000	1.00000	96.30
22.5	2,637,456	0	0.00000	1.00000	96.30
23.5	2,269,187	0	0.00000	1.00000	96.30
24.5	2,121,159	4,435	0.00209	0.99791	96.30
25.5	2,100,668	0	0.00000	1.00000	96.10
26.5	2,100,668	1,465	0.00070	0.99930	96.10

Account A04 - Auxiliary Power Systems

Placement Band - 1956 - 2024 Experience Band - 2003 - 2024

27.5	2,099,203	0	0.00000	1.00000	96.03
28.5	2,099,203	0	0.00000	1.00000	96.03
29.5	2,099,203	0	0.00000	1.00000	96.03
30.5	2,099,203	2,233	0.00106	0.99894	96.03
31.5	2,096,970	0	0.00000	1.00000	95.93
32.5	2,033,245	0	0.00000	1.00000	95.93
33.5	2,033,245	3,242	0.00159	0.99841	95.93
34.5	2,030,003	0	0.00000	1.00000	95.78
35.5	1,349,862	2,388	0.00177	0.99823	95.78
36.5	1,202,397	0	0.00000	1.00000	95.61
37.5	1,202,397	0	0.00000	1.00000	95.61
38.5	1,202,397	0	0.00000	1.00000	95.61
39.5	1,202,397	0	0.00000	1.00000	95.61
40.5	981,323	0	0.00000	1.00000	95.61
41.5	937,825	14,976	0.01597	0.98403	95.61
42.5	509,311	0	0.00000	1.00000	94.08
43.5	509,311	0	0.00000	1.00000	94.08
44.5	509,311	0	0.00000	1.00000	94.08
45.5	409,537	98,000	0.23929	0.76071	94.08
46.5	309,537	289	0.00093	0.99907	71.57
47.5	309,248	0	0.00000	1.00000	71.50
48.5	309,248	0	0.00000	1.00000	71.50
49.5	309,248	49,845	0.16118	0.83882	71.50
50.5	254,354	9,305	0.03658	0.96342	59.98
51.5	245,049	0	0.00000	1.00000	57.79
52.5	245,049	0	0.00000	1.00000	57.79
53.5	245,049	0	0.00000	1.00000	57.79
54.5	245,049	0	0.00000	1.00000	57.79
55.5	245,049	0	0.00000	1.00000	57.79
56.5	245,049	0	0.00000	1.00000	57.79
57.5	245,049	0	0.00000	1.00000	57.79

Account A04 - Auxiliary Power Systems

Placement Band - 1956 - 2024 Experience Band - 2003 - 2024

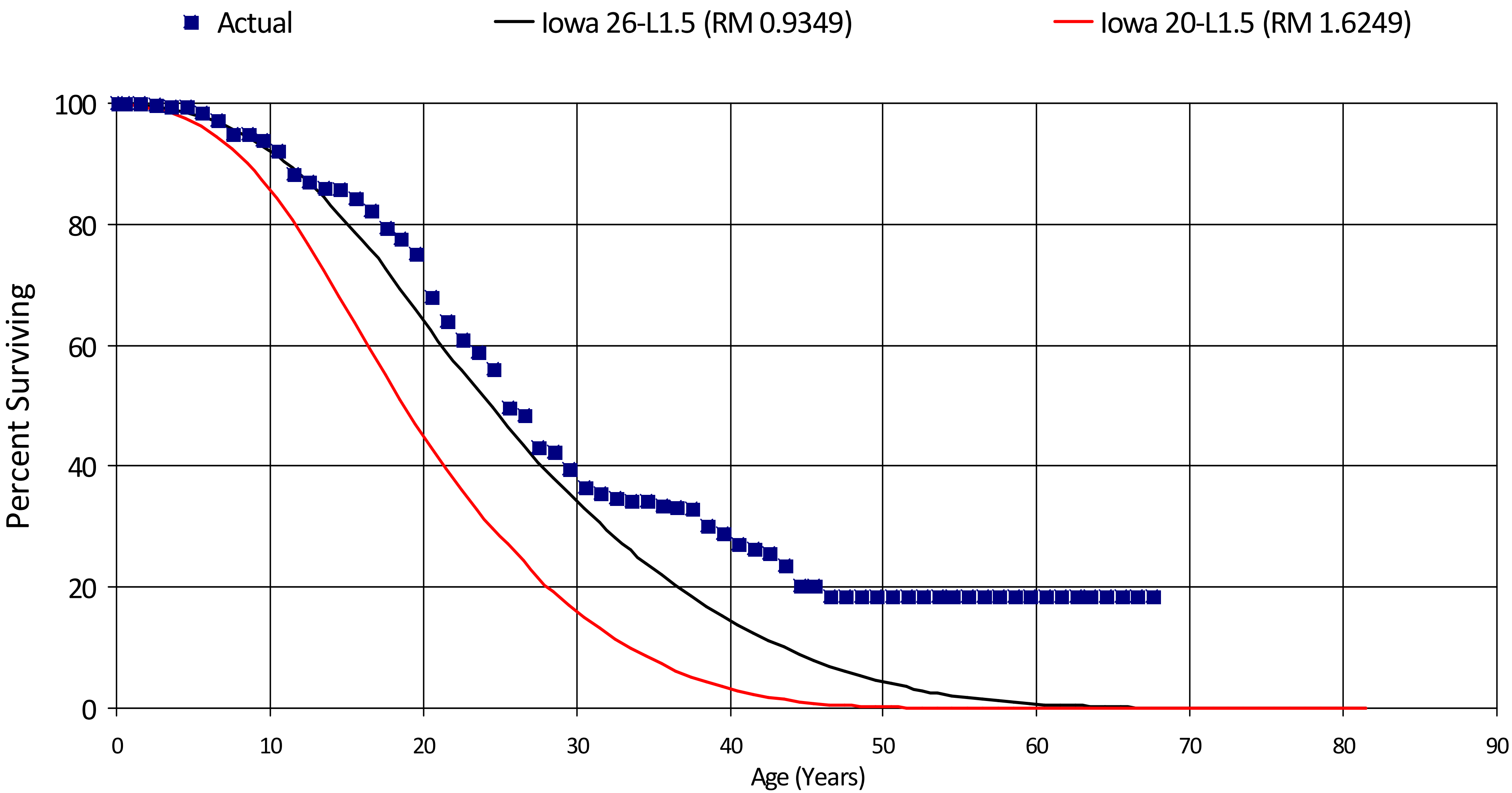
58.5	85,470	0	0.00000	1.00000	57.79
59.5	85,470	0	0.00000	1.00000	57.79
60.5	85,470	0	0.00000	1.00000	57.79
61.5	85,470	0	0.00000	1.00000	57.79
62.5	85,470	0	0.00000	1.00000	57.79
63.5	85,470	0	0.00000	1.00000	57.79
64.5	85,470	0	0.00000	1.00000	57.79
65.5	85,470	0	0.00000	1.00000	57.79
66.5	85,470	0	0.00000	1.00000	57.79
67.5	85,470	0	0.00000	1.00000	57.79
	Totals:	370,298			

Newfoundland and Labrador Hydro

Account B01 - Battery and Power Systems

Placement Band - 1956 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account B01 - Battery and Power Systems

Placement Band - 1956 - 2024 Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	21,007,593	0	0.00000	1.00000	100.00
0.5	20,478,523	0	0.00000	1.00000	100.00
1.5	19,929,089	31,712	0.00159	0.99841	100.00
2.5	19,643,237	47,671	0.00243	0.99757	99.84
3.5	19,077,165	40,274	0.00211	0.99789	99.60
4.5	18,124,064	159,679	0.00881	0.99119	99.39
5.5	16,567,370	207,966	0.01255	0.98745	98.51
6.5	15,403,562	352,626	0.02289	0.97711	97.27
7.5	13,574,595	34,448	0.00254	0.99746	95.04
8.5	13,157,654	139,411	0.01060	0.98940	94.80
9.5	12,113,283	231,436	0.01911	0.98089	93.80
10.5	11,568,853	468,048	0.04046	0.95954	92.01
11.5	10,343,891	137,109	0.01326	0.98674	88.29
12.5	9,366,628	108,699	0.01160	0.98840	87.12
13.5	8,720,489	45,780	0.00525	0.99475	86.11
14.5	8,144,434	130,683	0.01605	0.98395	85.66
15.5	7,314,853	182,368	0.02493	0.97507	84.29
16.5	6,748,887	228,226	0.03382	0.96618	82.19
17.5	6,095,051	124,507	0.02043	0.97957	79.41
18.5	5,677,286	190,247	0.03351	0.96649	77.79
19.5	5,110,802	490,335	0.09594	0.90406	75.18
20.5	4,366,113	252,110	0.05774	0.94226	67.97
21.5	3,160,383	152,158	0.04815	0.95185	64.05
22.5	3,001,613	104,526	0.03482	0.96518	60.97
23.5	2,545,161	117,643	0.04622	0.95378	58.85
24.5	2,345,989	266,372	0.11354	0.88646	56.13
25.5	2,071,604	52,049	0.02512	0.97488	49.76
26.5	1,857,738	208,599	0.11229	0.88771	48.51

Account B01 - Battery and Power Systems

Placement Band - 1956 - 2024 Experience Band - 1991 - 2024

27.5	1,637,380	25,667	0.01568	0.98432	43.06
28.5	1,561,983	107,122	0.06858	0.93142	42.38
29.5	1,436,980	108,285	0.07536	0.92464	39.47
30.5	1,303,596	35,619	0.02732	0.97268	36.50
31.5	1,267,976	23,696	0.01869	0.98131	35.50
32.5	1,096,420	17,400	0.01587	0.98413	34.84
33.5	1,079,019	0	0.00000	1.00000	34.29
34.5	923,750	22,894	0.02478	0.97522	34.29
35.5	887,043	6,393	0.00721	0.99279	33.44
36.5	874,103	6,470	0.00740	0.99260	33.20
37.5	865,460	72,512	0.08378	0.91622	32.95
38.5	792,947	33,787	0.04261	0.95739	30.19
39.5	648,098	39,925	0.06160	0.93840	28.90
40.5	608,173	13,700	0.02253	0.97747	27.12
41.5	594,474	17,094	0.02875	0.97125	26.51
42.5	554,696	44,588	0.08038	0.91962	25.75
43.5	510,108	70,455	0.13812	0.86188	23.68
44.5	153,101	0	0.00000	1.00000	20.41
45.5	144,138	12,425	0.08620	0.91380	20.41
46.5	117,010	0	0.00000	1.00000	18.65
47.5	117,010	0	0.00000	1.00000	18.65
48.5	117,010	0	0.00000	1.00000	18.65
49.5	110,963	0	0.00000	1.00000	18.65
50.5	110,963	0	0.00000	1.00000	18.65
51.5	110,612	1,004	0.00908	0.99092	18.65
52.5	109,608	0	0.00000	1.00000	18.48
53.5	48,170	0	0.00000	1.00000	18.48
54.5	48,170	0	0.00000	1.00000	18.48
55.5	48,170	0	0.00000	1.00000	18.48
56.5	1,466	0	0.00000	1.00000	18.48
57.5	1,466	0	0.00000	1.00000	18.48

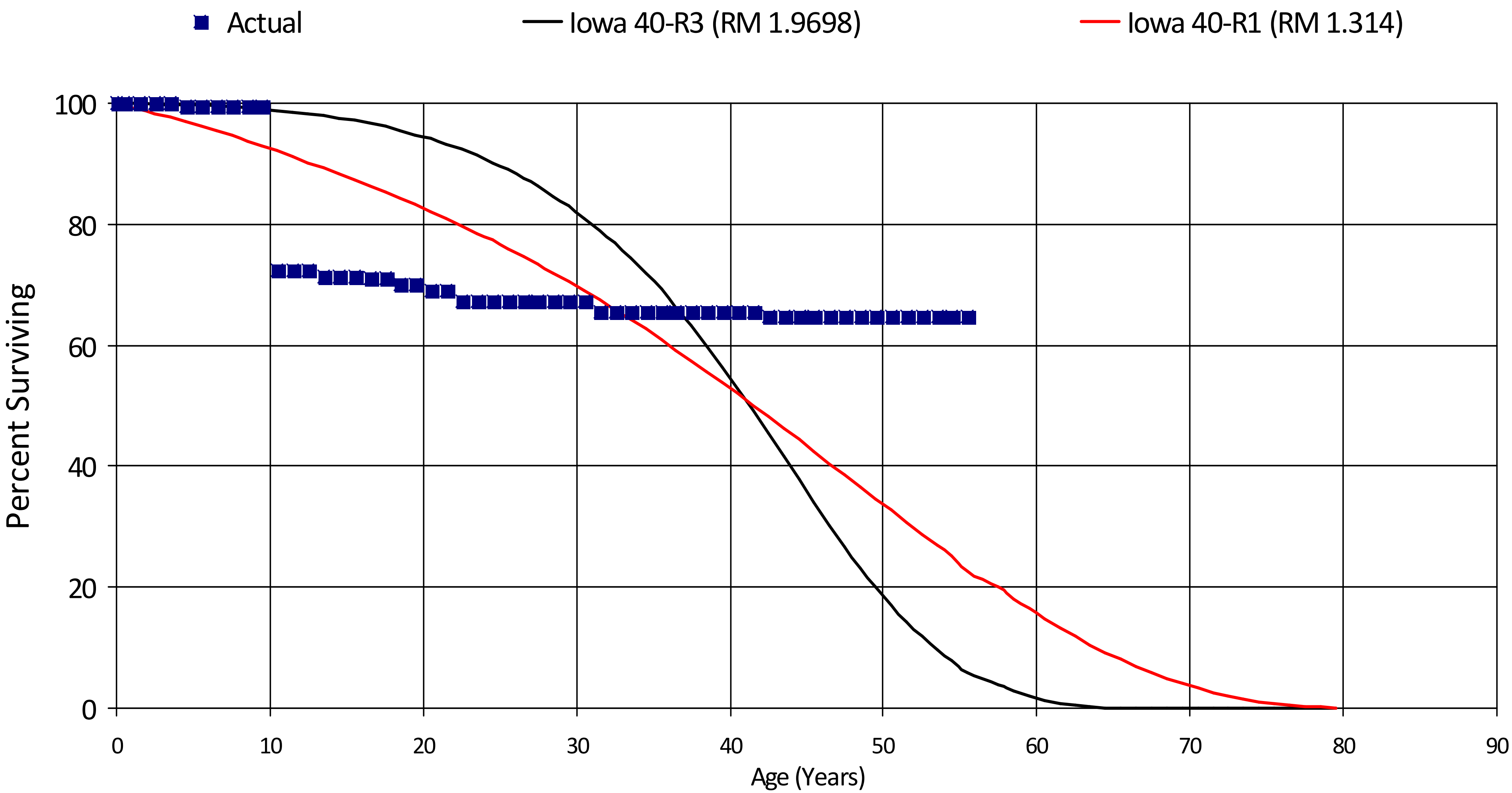
58.5	1,466	0	0.00000	1.00000	18.48
59.5	1,466	0	0.00000	1.00000	18.48
60.5	1,466	0	0.00000	1.00000	18.48
61.5	1,466	0	0.00000	1.00000	18.48
62.5	1,466	0	0.00000	1.00000	18.48
63.5	1,466	0	0.00000	1.00000	18.48
64.5	1,466	0	0.00000	1.00000	18.48
65.5	1,466	0	0.00000	1.00000	18.48
66.5	1,466	0	0.00000	1.00000	18.48
67.5	1,466	0	0.00000	1.00000	18.48
	Totals:	5,163,718			

Newfoundland and Labrador Hydro

Account B02 - Boiler System

Placement Band - 1968 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account B02 - Boiler System

Placement Band - 1968 - 2024 Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	32,050,434	0	0.00000	1.00000	100.00
0.5	32,050,434	0	0.00000	1.00000	100.00
1.5	32,050,434	0	0.00000	1.00000	100.00
2.5	32,050,434	0	0.00000	1.00000	100.00
3.5	32,050,434	180,285	0.00563	0.99437	100.00
4.5	31,870,149	0	0.00000	1.00000	99.44
5.5	31,870,149	0	0.00000	1.00000	99.44
6.5	31,870,149	0	0.00000	1.00000	99.44
7.5	31,870,149	0	0.00000	1.00000	99.44
8.5	31,870,149	0	0.00000	1.00000	99.44
9.5	31,870,149	8,721,695	0.27366	0.72634	99.44
10.5	23,148,454	0	0.00000	1.00000	72.23
11.5	23,148,454	0	0.00000	1.00000	72.23
12.5	23,148,454	328,432	0.01419	0.98581	72.23
13.5	22,820,022	0	0.00000	1.00000	71.21
14.5	22,820,022	0	0.00000	1.00000	71.21
15.5	22,820,022	42,746	0.00187	0.99813	71.21
16.5	22,777,275	0	0.00000	1.00000	71.08
17.5	22,777,275	292,387	0.01284	0.98716	71.08
18.5	22,484,889	0	0.00000	1.00000	70.17
19.5	22,484,889	338,428	0.01505	0.98495	70.17
20.5	22,146,461	0	0.00000	1.00000	69.11
21.5	22,146,461	629,544	0.02843	0.97157	69.11
22.5	21,516,917	0	0.00000	1.00000	67.15
23.5	21,516,917	0	0.00000	1.00000	67.15
24.5	21,516,917	0	0.00000	1.00000	67.15
25.5	21,424,372	0	0.00000	1.00000	67.15
26.5	21,424,372	0	0.00000	1.00000	67.15

Account B02 - Boiler System

Placement Band - 1968 - 2024 Experience Band - 1991 - 2024

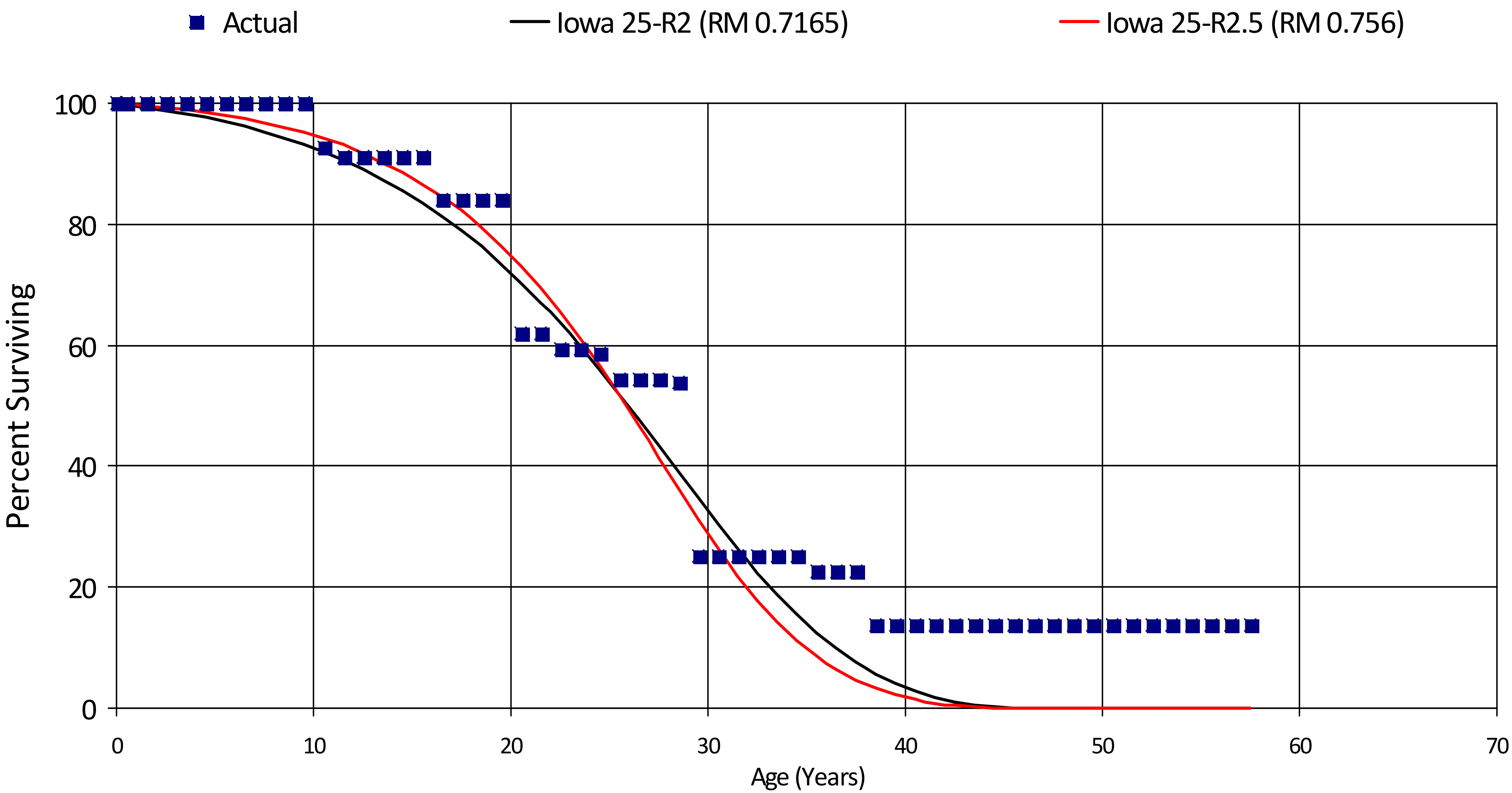
27.5	21,370,786	0	0.00000	1.00000	67.15
28.5	21,351,363	0	0.00000	1.00000	67.15
29.5	21,351,363	0	0.00000	1.00000	67.15
30.5	21,351,363	564,681	0.02645	0.97355	67.15
31.5	20,602,190	0	0.00000	1.00000	65.37
32.5	20,602,190	0	0.00000	1.00000	65.37
33.5	20,602,190	0	0.00000	1.00000	65.37
34.5	20,602,190	0	0.00000	1.00000	65.37
35.5	16,293,029	0	0.00000	1.00000	65.37
36.5	15,812,694	0	0.00000	1.00000	65.37
37.5	15,782,733	0	0.00000	1.00000	65.37
38.5	15,640,215	0	0.00000	1.00000	65.37
39.5	15,640,215	0	0.00000	1.00000	65.37
40.5	15,640,215	0	0.00000	1.00000	65.37
41.5	15,640,215	183,493	0.01173	0.98827	65.37
42.5	15,388,691	0	0.00000	1.00000	64.60
43.5	15,074,437	0	0.00000	1.00000	64.60
44.5	15,074,437	0	0.00000	1.00000	64.60
45.5	15,072,397	0	0.00000	1.00000	64.60
46.5	15,072,397	0	0.00000	1.00000	64.60
47.5	15,072,397	0	0.00000	1.00000	64.60
48.5	15,072,397	0	0.00000	1.00000	64.60
49.5	15,072,397	0	0.00000	1.00000	64.60
50.5	15,072,397	0	0.00000	1.00000	64.60
51.5	15,072,397	0	0.00000	1.00000	64.60
52.5	15,072,397	0	0.00000	1.00000	64.60
53.5	14,276,809	0	0.00000	1.00000	64.60
54.5	14,276,809	0	0.00000	1.00000	64.60
55.5	14,276,809	0	0.00000	1.00000	64.60
	Totals:	11,281,691			

Newfoundland and Labrador Hydro

Account B03 - Booms - Timber

Placement Band - 1966 - 2024 Experience Band - 2005 - 2024

Actual and Smooth Survivor Curves



Account B03 - Booms - Timber

Placement Band - 1966 - 2024   Experience Band - 2005 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	936,776	0	0.00000	1.00000	100.00
0.5	936,776	0	0.00000	1.00000	100.00
1.5	936,776	0	0.00000	1.00000	100.00
2.5	936,776	0	0.00000	1.00000	100.00
3.5	936,776	0	0.00000	1.00000	100.00
4.5	936,776	0	0.00000	1.00000	100.00
5.5	936,776	0	0.00000	1.00000	100.00
6.5	936,776	0	0.00000	1.00000	100.00
7.5	723,485	0	0.00000	1.00000	100.00
8.5	723,485	0	0.00000	1.00000	100.00
9.5	671,923	50,000	0.07441	0.92559	100.00
10.5	584,914	8,673	0.01483	0.98517	92.56
11.5	576,242	0	0.00000	1.00000	91.19
12.5	576,242	818	0.00142	0.99858	91.19
13.5	575,423	0	0.00000	1.00000	91.06
14.5	575,423	0	0.00000	1.00000	91.06
15.5	575,423	44,401	0.07716	0.92284	91.06
16.5	531,022	0	0.00000	1.00000	84.03
17.5	531,022	0	0.00000	1.00000	84.03
18.5	531,022	0	0.00000	1.00000	84.03
19.5	531,022	140,269	0.26415	0.73585	84.03
20.5	390,753	0	0.00000	1.00000	61.83
21.5	390,753	14,962	0.03829	0.96171	61.83
22.5	375,791	0	0.00000	1.00000	59.46
23.5	375,791	5,428	0.01444	0.98556	59.46
24.5	370,363	26,774	0.07229	0.92771	58.60
25.5	343,589	0	0.00000	1.00000	54.36
26.5	343,589	0	0.00000	1.00000	54.36

27.5	343,589	3,034	0.00883	0.99117	54.36
28.5	340,555	182,066	0.53462	0.46538	53.88
29.5	158,489	0	0.00000	1.00000	25.07
30.5	158,489	0	0.00000	1.00000	25.07
31.5	158,489	0	0.00000	1.00000	25.07
32.5	158,489	0	0.00000	1.00000	25.07
33.5	158,489	0	0.00000	1.00000	25.07
34.5	158,489	16,064	0.10136	0.89864	25.07
35.5	142,425	0	0.00000	1.00000	22.53
36.5	142,425	0	0.00000	1.00000	22.53
37.5	142,425	55,440	0.38926	0.61074	22.53
38.5	86,985	0	0.00000	1.00000	13.76
39.5	86,985	0	0.00000	1.00000	13.76
40.5	86,985	0	0.00000	1.00000	13.76
41.5	86,985	0	0.00000	1.00000	13.76
42.5	86,985	0	0.00000	1.00000	13.76
43.5	86,985	0	0.00000	1.00000	13.76
44.5	86,985	0	0.00000	1.00000	13.76
45.5	40,191	0	0.00000	1.00000	13.76
46.5	40,191	0	0.00000	1.00000	13.76
47.5	40,191	0	0.00000	1.00000	13.76
48.5	40,191	0	0.00000	1.00000	13.76
49.5	40,191	0	0.00000	1.00000	13.76
50.5	40,191	0	0.00000	1.00000	13.76
51.5	40,191	0	0.00000	1.00000	13.76
52.5	40,191	0	0.00000	1.00000	13.76
53.5	40,191	0	0.00000	1.00000	13.76
54.5	38,209	0	0.00000	1.00000	13.76
55.5	38,209	0	0.00000	1.00000	13.76
56.5	38,209	0	0.00000	1.00000	13.76
57.5	38,209	0	0.00000	1.00000	13.76

Newfoundland and Labrador Hydro

Account B03 - Booms - Timber

Placement Band - 1966 - 2024   Experience Band - 2005 - 2024

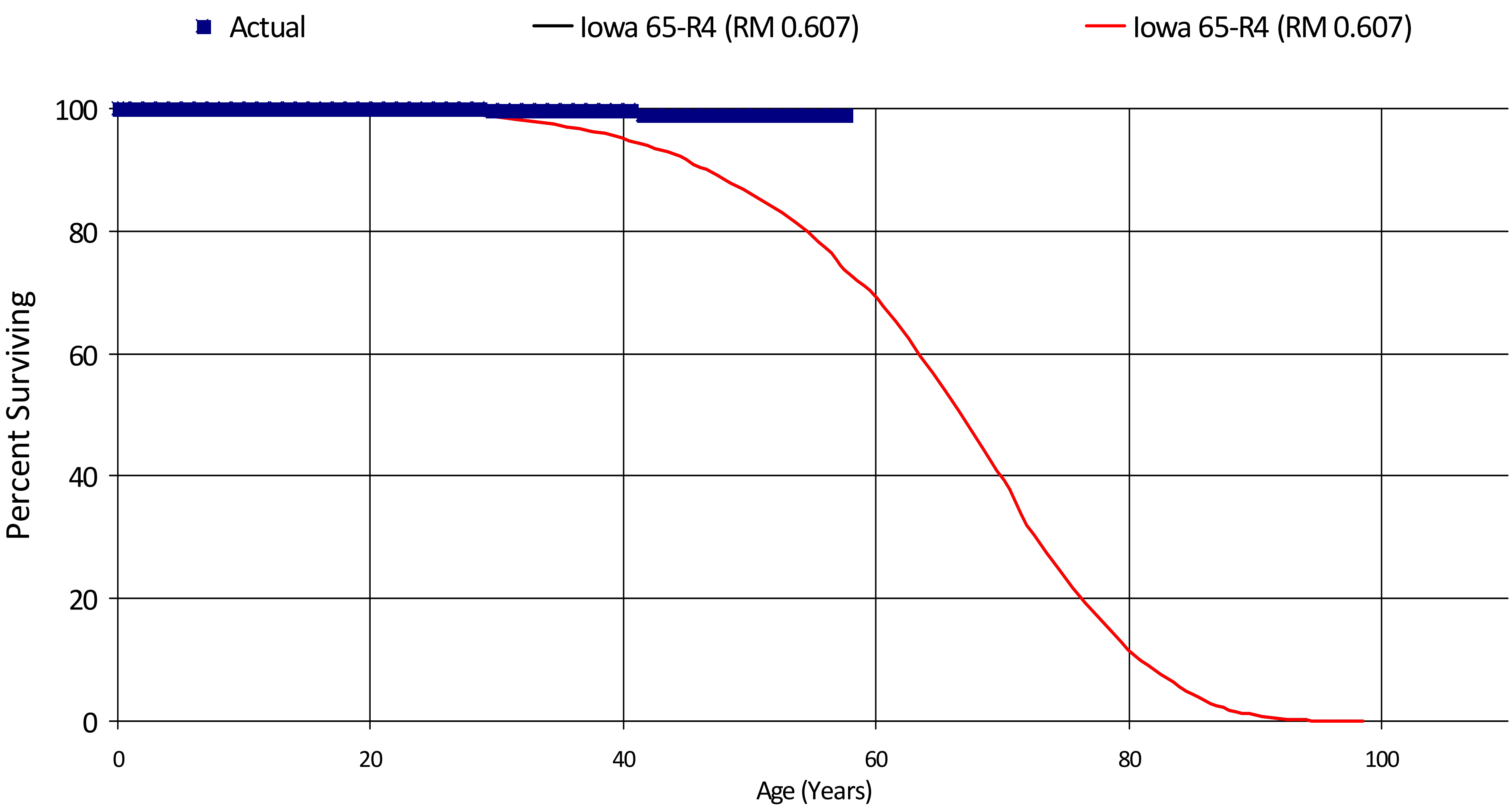
Totals:	547,929

Newfoundland and Labrador Hydro

Account B04 - Bridges

Placement Band - 1966 - 2024   Experience Band - 1996 - 2024

Actual and Smooth Survivor Curves



Account B04 - Bridges

Placement Band - 1966 - 2024   Experience Band - 1996 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	10,685,570	0	0.00000	1.00000	100.00
0.5	10,685,570	0	0.00000	1.00000	100.00
1.5	10,685,570	0	0.00000	1.00000	100.00
2.5	10,460,570	0	0.00000	1.00000	100.00
3.5	10,460,570	0	0.00000	1.00000	100.00
4.5	9,362,780	0	0.00000	1.00000	100.00
5.5	8,437,780	0	0.00000	1.00000	100.00
6.5	4,951,006	0	0.00000	1.00000	100.00
7.5	4,951,006	0	0.00000	1.00000	100.00
8.5	4,270,789	0	0.00000	1.00000	100.00
9.5	4,270,789	0	0.00000	1.00000	100.00
10.5	4,270,789	0	0.00000	1.00000	100.00
11.5	4,270,789	0	0.00000	1.00000	100.00
12.5	4,270,789	0	0.00000	1.00000	100.00
13.5	4,251,595	0	0.00000	1.00000	100.00
14.5	4,251,595	0	0.00000	1.00000	100.00
15.5	4,251,595	0	0.00000	1.00000	100.00
16.5	4,251,595	0	0.00000	1.00000	100.00
17.5	3,914,583	0	0.00000	1.00000	100.00
18.5	3,914,583	0	0.00000	1.00000	100.00
19.5	3,914,583	0	0.00000	1.00000	100.00
20.5	3,914,583	0	0.00000	1.00000	100.00
21.5	3,602,553	0	0.00000	1.00000	100.00
22.5	3,602,553	0	0.00000	1.00000	100.00
23.5	3,602,553	0	0.00000	1.00000	100.00
24.5	3,602,553	0	0.00000	1.00000	100.00
25.5	3,602,553	0	0.00000	1.00000	100.00
26.5	3,602,553	0	0.00000	1.00000	100.00

Newfoundland and Labrador Hydro

Account B04 - Bridges

Placement Band - 1966 - 2024   Experience Band - 1996 - 2024

27.5	3,538,953	0	0.00000	1.00000	100.00
28.5	3,502,566	11,000	0.00314	0.99686	100.00
29.5	3,491,566	0	0.00000	1.00000	99.69
30.5	3,436,001	0	0.00000	1.00000	99.69
31.5	3,436,001	0	0.00000	1.00000	99.69
32.5	2,806,693	0	0.00000	1.00000	99.69
33.5	2,806,693	0	0.00000	1.00000	99.69
34.5	2,806,693	0	0.00000	1.00000	99.69
35.5	2,806,693	0	0.00000	1.00000	99.69
36.5	2,806,693	0	0.00000	1.00000	99.69
37.5	2,806,693	0	0.00000	1.00000	99.69
38.5	2,806,693	0	0.00000	1.00000	99.69
39.5	2,806,693	0	0.00000	1.00000	99.69
40.5	818,463	5,021	0.00613	0.99387	99.69
41.5	786,696	0	0.00000	1.00000	99.08
42.5	786,696	0	0.00000	1.00000	99.08
43.5	786,696	0	0.00000	1.00000	99.08
44.5	565,270	0	0.00000	1.00000	99.08
45.5	565,270	479	0.00085	0.99915	99.08
46.5	564,791	0	0.00000	1.00000	99.00
47.5	564,791	0	0.00000	1.00000	99.00
48.5	564,791	0	0.00000	1.00000	99.00
49.5	564,791	0	0.00000	1.00000	99.00
50.5	564,791	0	0.00000	1.00000	99.00
51.5	564,791	0	0.00000	1.00000	99.00
52.5	564,791	0	0.00000	1.00000	99.00
53.5	564,791	0	0.00000	1.00000	99.00
54.5	564,791	0	0.00000	1.00000	99.00
55.5	564,791	0	0.00000	1.00000	99.00
56.5	564,791	0	0.00000	1.00000	99.00
57.5	564,791	0	0.00000	1.00000	99.00

Newfoundland and Labrador Hydro

Account B04 - Bridges

Placement Band - 1966 - 2024   Experience Band - 1996 - 2024

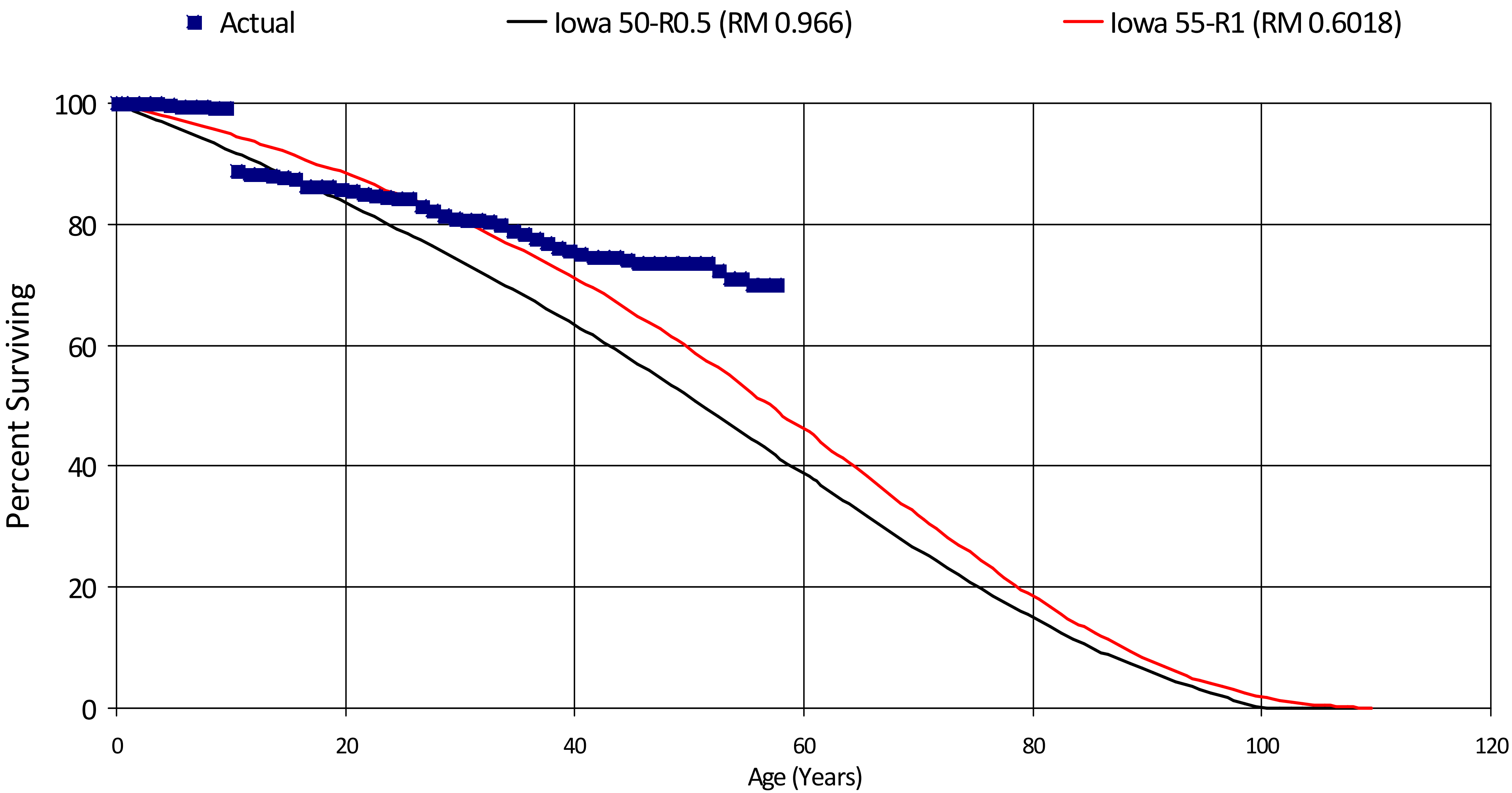
Totals: 16,500

Newfoundland and Labrador Hydro

Account B05 - Buildings - Other

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account B05 - Buildings - Other

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	107,185,873	0	0.00000	1.00000	100.00
0.5	106,477,009	0	0.00000	1.00000	100.00
1.5	104,072,953	0	0.00000	1.00000	100.00
2.5	101,767,059	76,705	0.00075	0.99925	100.00
3.5	100,550,056	204,506	0.00203	0.99797	99.92
4.5	98,260,273	199,241	0.00203	0.99797	99.72
5.5	96,034,886	54,192	0.00056	0.99944	99.52
6.5	93,418,108	10,000	0.00011	0.99989	99.46
7.5	81,952,240	83,118	0.00101	0.99899	99.45
8.5	76,879,999	78,986	0.00103	0.99897	99.35
9.5	74,280,521	7,733,707	0.10411	0.89589	99.25
10.5	64,431,391	447,686	0.00695	0.99305	88.92
11.5	62,020,587	2,856	0.00005	0.99995	88.30
12.5	60,178,876	217,439	0.00361	0.99639	88.30
13.5	57,468,309	132,098	0.00230	0.99770	87.98
14.5	50,770,870	158,952	0.00313	0.99687	87.78
15.5	50,118,397	634,408	0.01266	0.98734	87.51
16.5	48,654,241	73,954	0.00152	0.99848	86.40
17.5	47,637,111	10,389	0.00022	0.99978	86.27
18.5	43,203,869	220,139	0.00510	0.99490	86.25
19.5	41,927,112	181,899	0.00434	0.99566	85.81
20.5	41,077,794	251,043	0.00611	0.99389	85.44
21.5	37,433,268	66,910	0.00179	0.99821	84.92
22.5	37,326,456	58,653	0.00157	0.99843	84.77
23.5	35,269,316	134,568	0.00382	0.99618	84.64
24.5	34,598,178	66,998	0.00194	0.99806	84.32
25.5	34,243,801	526,647	0.01538	0.98462	84.16
26.5	33,656,531	294,307	0.00874	0.99126	82.87

Newfoundland and Labrador Hydro

Account B05 - Buildings - Other

Placement Band - 1965 - 2024 Experience Band - 1991 - 2024

27.5	32,416,423	274,038	0.00845	0.99155	82.15
28.5	31,079,380	230,593	0.00742	0.99258	81.46
29.5	30,305,763	47,148	0.00156	0.99844	80.86
30.5	29,764,933	47,383	0.00159	0.99841	80.73
31.5	29,572,734	86,568	0.00293	0.99707	80.60
32.5	29,366,335	137,753	0.00469	0.99531	80.36
33.5	29,103,230	378,721	0.01301	0.98699	79.98
34.5	27,328,363	178,605	0.00654	0.99346	78.94
35.5	7,610,638	81,040	0.01065	0.98935	78.42
36.5	7,378,373	58,090	0.00787	0.99213	77.58
37.5	6,271,466	75,513	0.01204	0.98796	76.97
38.5	5,820,162	31,913	0.00548	0.99452	76.04
39.5	5,624,329	27,275	0.00485	0.99515	75.62
40.5	5,558,270	52,640	0.00947	0.99053	75.25
41.5	5,426,961	0	0.00000	1.00000	74.54
42.5	4,570,177	2,282	0.00050	0.99950	74.54
43.5	4,428,850	18,731	0.00423	0.99577	74.50
44.5	3,835,742	27,000	0.00704	0.99296	74.18
45.5	3,675,881	0	0.00000	1.00000	73.66
46.5	3,659,675	0	0.00000	1.00000	73.66
47.5	3,308,432	1,586	0.00048	0.99952	73.66
48.5	3,306,846	0	0.00000	1.00000	73.62
49.5	2,413,986	1,081	0.00045	0.99955	73.62
50.5	2,390,009	1,515	0.00063	0.99937	73.59
51.5	2,111,262	31,070	0.01472	0.98528	73.54
52.5	2,016,540	39,701	0.01969	0.98031	72.46
53.5	1,927,558	1,099	0.00057	0.99943	71.03
54.5	1,803,989	20,811	0.01154	0.98846	70.99
55.5	1,730,968	0	0.00000	1.00000	70.17
56.5	239,389	0	0.00000	1.00000	70.17
57.5	0	0	0.00000	0.00000	70.17

Newfoundland and Labrador Hydro

Account B05 - Buildings - Other

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

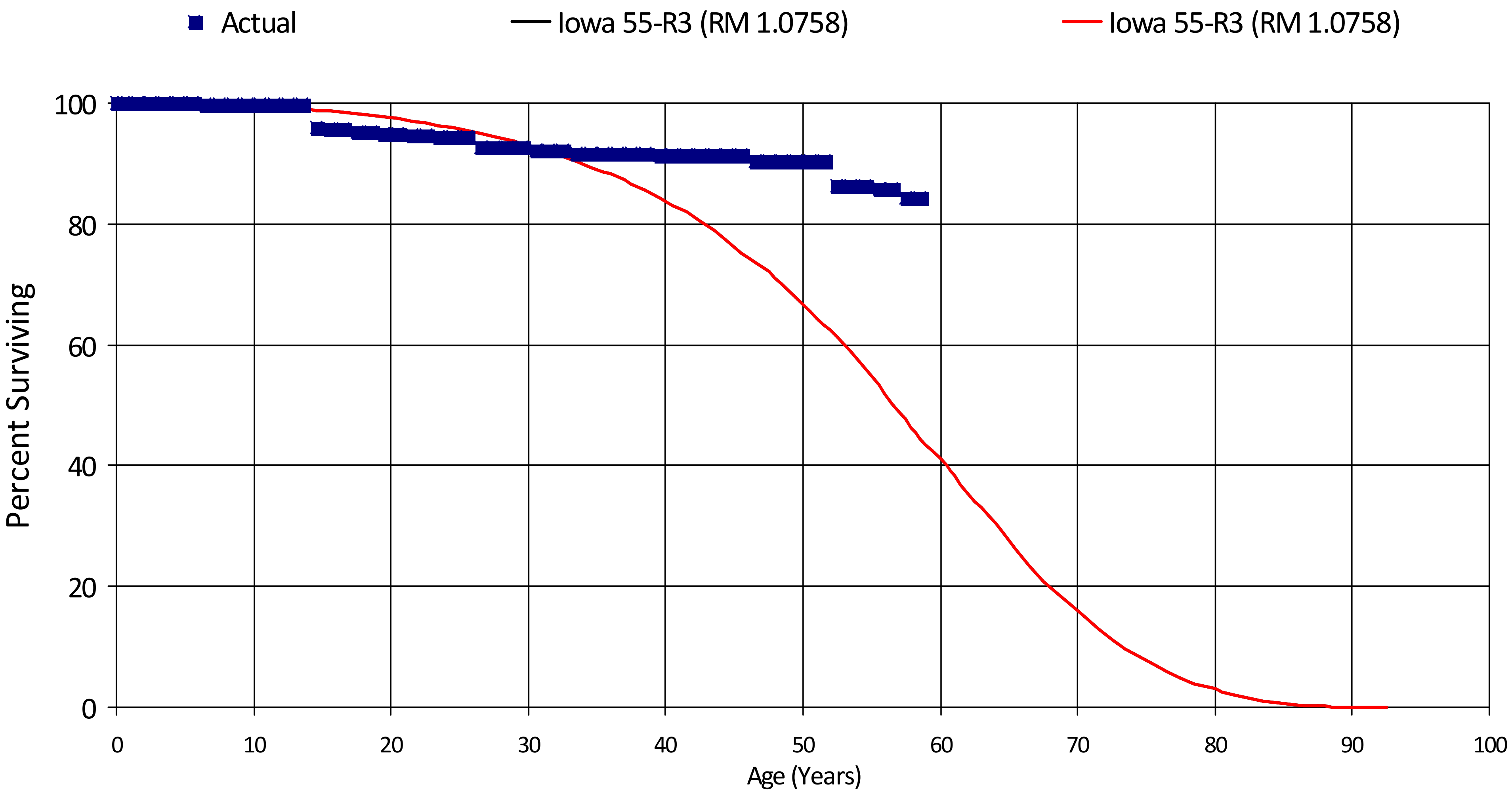
Totals:	13,771,557

Newfoundland and Labrador Hydro

Account B06 - Buildings - Metal

Placement Band - 1965 - 2024 Experience Band - 2000 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account B06 - Buildings - Metal

Placement Band - 1965 - 2024   Experience Band - 2000 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	57,293,421	0	0.00000	1.00000	100.00
0.5	55,791,606	0	0.00000	1.00000	100.00
1.5	54,022,801	0	0.00000	1.00000	100.00
2.5	54,022,801	63,030	0.00117	0.99883	100.00
3.5	51,727,712	0	0.00000	1.00000	99.88
4.5	49,515,212	0	0.00000	1.00000	99.88
5.5	39,545,223	41,104	0.00104	0.99896	99.88
6.5	35,380,754	0	0.00000	1.00000	99.78
7.5	35,380,754	18,990	0.00054	0.99946	99.78
8.5	35,361,764	15,545	0.00044	0.99956	99.73
9.5	24,580,634	0	0.00000	1.00000	99.69
10.5	23,691,441	0	0.00000	1.00000	99.69
11.5	23,691,441	0	0.00000	1.00000	99.69
12.5	23,691,441	14,030	0.00059	0.99941	99.69
13.5	23,645,765	864,917	0.03658	0.96342	99.63
14.5	22,773,549	50,070	0.00220	0.99780	95.99
15.5	22,557,788	7,939	0.00035	0.99965	95.78
16.5	22,532,031	129,518	0.00575	0.99425	95.75
17.5	22,363,002	0	0.00000	1.00000	95.20
18.5	22,363,002	67,693	0.00303	0.99697	95.20
19.5	22,010,357	0	0.00000	1.00000	94.91
20.5	21,960,115	76,056	0.00346	0.99654	94.91
21.5	21,717,206	0	0.00000	1.00000	94.58
22.5	20,974,811	26,025	0.00124	0.99876	94.58
23.5	20,880,119	8,272	0.00040	0.99960	94.46
24.5	20,871,846	0	0.00000	1.00000	94.42
25.5	20,871,846	394,433	0.01890	0.98110	94.42
26.5	20,316,530	8,054	0.00040	0.99960	92.64

Newfoundland and Labrador Hydro

Account B06 - Buildings - Metal

Placement Band - 1965 - 2024   Experience Band - 2000 - 2024

27.5	20,308,476	0	0.00000	1.00000	92.60
28.5	19,798,211	5,334	0.00027	0.99973	92.60
29.5	19,689,262	115,181	0.00585	0.99415	92.57
30.5	19,566,186	0	0.00000	1.00000	92.03
31.5	19,133,153	0	0.00000	1.00000	92.03
32.5	18,200,712	57,461	0.00316	0.99684	92.03
33.5	16,775,175	6,565	0.00039	0.99961	91.74
34.5	15,227,777	8,202	0.00054	0.99946	91.70
35.5	15,076,604	7,747	0.00051	0.99949	91.65
36.5	14,633,407	3,359	0.00023	0.99977	91.60
37.5	14,345,825	10,092	0.00070	0.99930	91.58
38.5	14,319,044	6,766	0.00047	0.99953	91.52
39.5	14,230,280	0	0.00000	1.00000	91.48
40.5	13,827,043	3,043	0.00022	0.99978	91.48
41.5	12,471,698	0	0.00000	1.00000	91.46
42.5	10,546,662	13,890	0.00132	0.99868	91.46
43.5	9,965,184	0	0.00000	1.00000	91.34
44.5	6,832,750	0	0.00000	1.00000	91.34
45.5	6,584,924	62,342	0.00947	0.99053	91.34
46.5	5,845,593	89	0.00002	0.99998	90.48
47.5	5,732,432	0	0.00000	1.00000	90.48
48.5	5,437,039	0	0.00000	1.00000	90.48
49.5	4,885,341	0	0.00000	1.00000	90.48
50.5	4,885,341	0	0.00000	1.00000	90.48
51.5	4,885,341	223,391	0.04573	0.95427	90.48
52.5	4,661,951	2,972	0.00064	0.99936	86.34
53.5	3,958,782	0	0.00000	1.00000	86.28
54.5	3,811,696	24,045	0.00631	0.99369	86.28
55.5	2,443,348	0	0.00000	1.00000	85.74
56.5	1,101,260	20,489	0.01861	0.98139	85.74
57.5	729,020	0	0.00000	1.00000	84.14

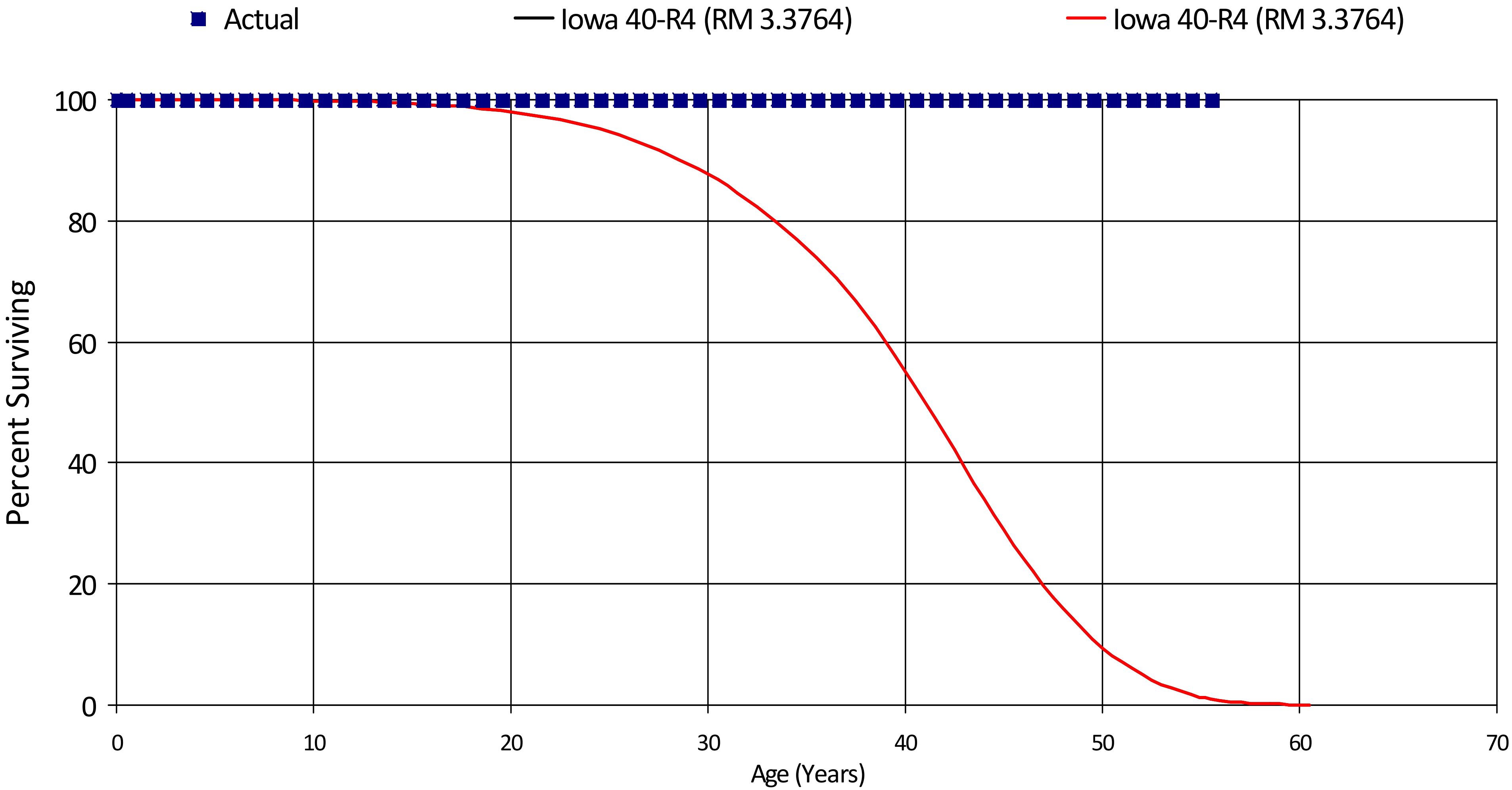
58.5	496,681	0	0.00000	1.00000	84.14
	Totals:	2,356,644			

Newfoundland and Labrador Hydro

Account B07 - Bus Duct Generator

Placement Band - 1968 - 2024 Experience Band - 2024 - 2024

Actual and Smooth Survivor Curves



Account B07 - Bus Duct Generator

Placement Band - 1968 - 2024   Experience Band - 2024 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	1,943,274	0	0.00000	1.00000	100.00
0.5	1,943,274	0	0.00000	1.00000	100.00
1.5	1,943,274	0	0.00000	1.00000	100.00
2.5	1,943,274	0	0.00000	1.00000	100.00
3.5	1,943,274	0	0.00000	1.00000	100.00
4.5	1,943,274	0	0.00000	1.00000	100.00
5.5	1,943,274	0	0.00000	1.00000	100.00
6.5	1,943,274	0	0.00000	1.00000	100.00
7.5	1,534,405	0	0.00000	1.00000	100.00
8.5	1,456,108	0	0.00000	1.00000	100.00
9.5	825,804	0	0.00000	1.00000	100.00
10.5	825,804	0	0.00000	1.00000	100.00
11.5	825,804	0	0.00000	1.00000	100.00
12.5	825,804	0	0.00000	1.00000	100.00
13.5	825,804	0	0.00000	1.00000	100.00
14.5	825,804	0	0.00000	1.00000	100.00
15.5	825,804	0	0.00000	1.00000	100.00
16.5	825,804	0	0.00000	1.00000	100.00
17.5	825,804	0	0.00000	1.00000	100.00
18.5	825,804	0	0.00000	1.00000	100.00
19.5	825,804	0	0.00000	1.00000	100.00
20.5	825,804	0	0.00000	1.00000	100.00
21.5	459,833	0	0.00000	1.00000	100.00
22.5	459,833	0	0.00000	1.00000	100.00
23.5	459,833	0	0.00000	1.00000	100.00
24.5	459,833	0	0.00000	1.00000	100.00
25.5	459,833	0	0.00000	1.00000	100.00
26.5	459,833	0	0.00000	1.00000	100.00

Account B07 - Bus Duct Generator

Placement Band - 1968 - 2024   Experience Band - 2024 - 2024

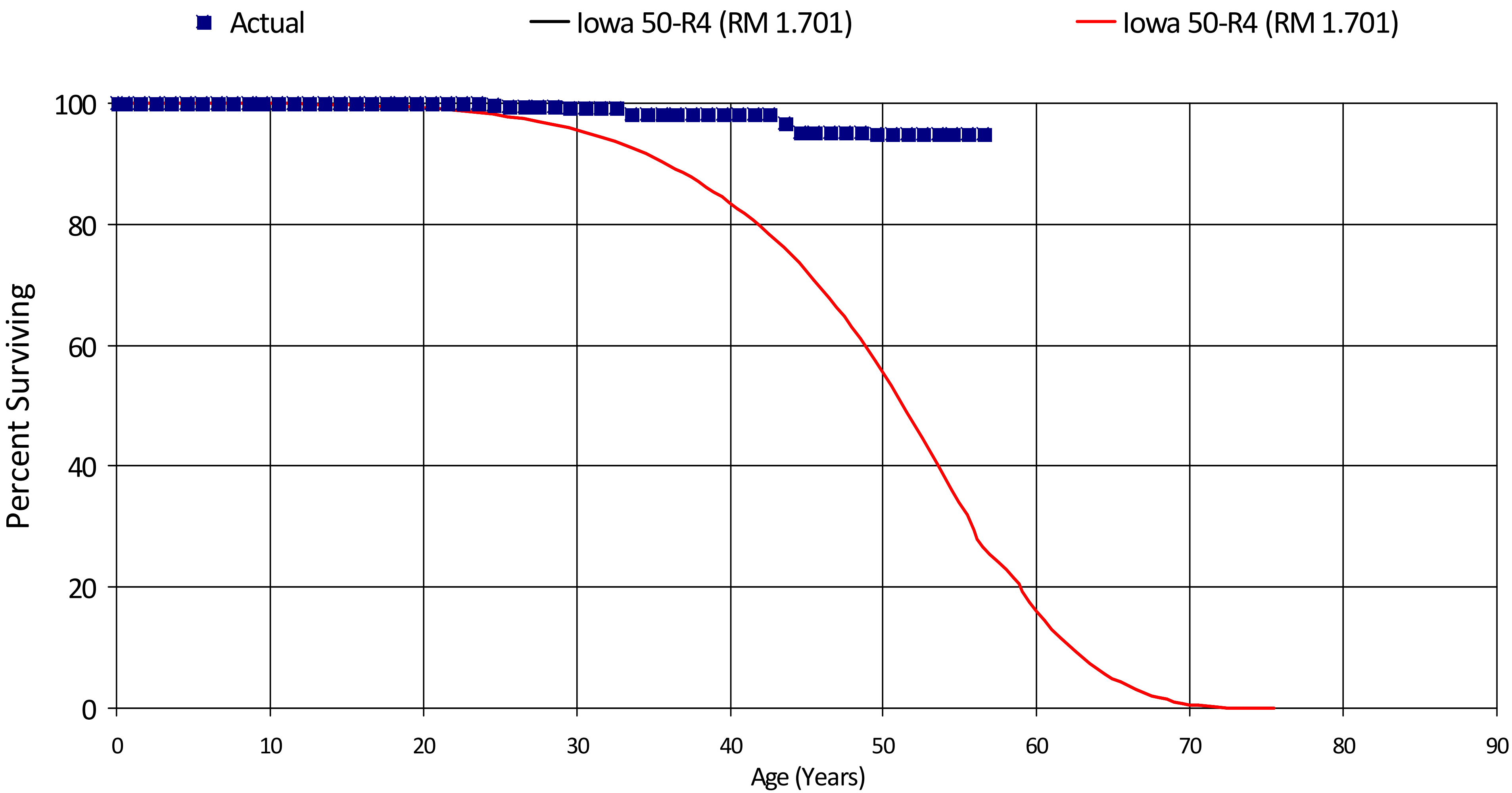
27.5	459,833	0	0.00000	1.00000	100.00
28.5	459,833	0	0.00000	1.00000	100.00
29.5	459,833	0	0.00000	1.00000	100.00
30.5	459,833	0	0.00000	1.00000	100.00
31.5	459,833	0	0.00000	1.00000	100.00
32.5	459,833	0	0.00000	1.00000	100.00
33.5	459,833	0	0.00000	1.00000	100.00
34.5	459,833	0	0.00000	1.00000	100.00
35.5	459,833	0	0.00000	1.00000	100.00
36.5	338,955	0	0.00000	1.00000	100.00
37.5	338,955	0	0.00000	1.00000	100.00
38.5	338,955	0	0.00000	1.00000	100.00
39.5	338,955	0	0.00000	1.00000	100.00
40.5	338,955	0	0.00000	1.00000	100.00
41.5	338,955	0	0.00000	1.00000	100.00
42.5	338,955	0	0.00000	1.00000	100.00
43.5	338,955	0	0.00000	1.00000	100.00
44.5	27,238	0	0.00000	1.00000	100.00
45.5	27,238	0	0.00000	1.00000	100.00
46.5	27,238	0	0.00000	1.00000	100.00
47.5	27,238	0	0.00000	1.00000	100.00
48.5	27,238	0	0.00000	1.00000	100.00
49.5	27,238	0	0.00000	1.00000	100.00
50.5	27,238	0	0.00000	1.00000	100.00
51.5	27,238	0	0.00000	1.00000	100.00
52.5	27,238	0	0.00000	1.00000	100.00
53.5	27,238	0	0.00000	1.00000	100.00
54.5	27,238	0	0.00000	1.00000	100.00
55.5	27,238	0	0.00000	1.00000	100.00
	Totals:	0			

Newfoundland and Labrador Hydro

Account B08 - Buswork and Hardware

Placement Band - 1967 - 2024   Experience Band - 2012 - 2024

Actual and Smooth Survivor Curves



Account B08 - Buswork and Hardware

Placement Band - 1967 - 2024   Experience Band - 2012 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	8,368,774	0	0.00000	1.00000	100.00
0.5	8,368,774	0	0.00000	1.00000	100.00
1.5	8,368,774	0	0.00000	1.00000	100.00
2.5	8,368,774	0	0.00000	1.00000	100.00
3.5	7,874,673	0	0.00000	1.00000	100.00
4.5	7,604,789	0	0.00000	1.00000	100.00
5.5	7,525,110	0	0.00000	1.00000	100.00
6.5	7,509,094	0	0.00000	1.00000	100.00
7.5	7,284,001	0	0.00000	1.00000	100.00
8.5	7,051,050	0	0.00000	1.00000	100.00
9.5	7,004,644	0	0.00000	1.00000	100.00
10.5	6,958,421	0	0.00000	1.00000	100.00
11.5	6,645,192	0	0.00000	1.00000	100.00
12.5	6,082,617	0	0.00000	1.00000	100.00
13.5	6,082,617	0	0.00000	1.00000	100.00
14.5	6,082,617	0	0.00000	1.00000	100.00
15.5	6,048,942	0	0.00000	1.00000	100.00
16.5	6,048,942	0	0.00000	1.00000	100.00
17.5	6,048,942	0	0.00000	1.00000	100.00
18.5	6,048,942	0	0.00000	1.00000	100.00
19.5	6,042,609	0	0.00000	1.00000	100.00
20.5	5,930,384	0	0.00000	1.00000	100.00
21.5	5,893,277	0	0.00000	1.00000	100.00
22.5	5,844,707	0	0.00000	1.00000	100.00
23.5	5,844,707	21,992	0.00376	0.99624	100.00
24.5	5,523,230	10,856	0.00197	0.99803	99.62
25.5	5,512,374	0	0.00000	1.00000	99.42
26.5	5,185,985	0	0.00000	1.00000	99.42

Newfoundland and Labrador Hydro

Account B08 - Buswork and Hardware

Placement Band - 1967 - 2024   Experience Band - 2012 - 2024

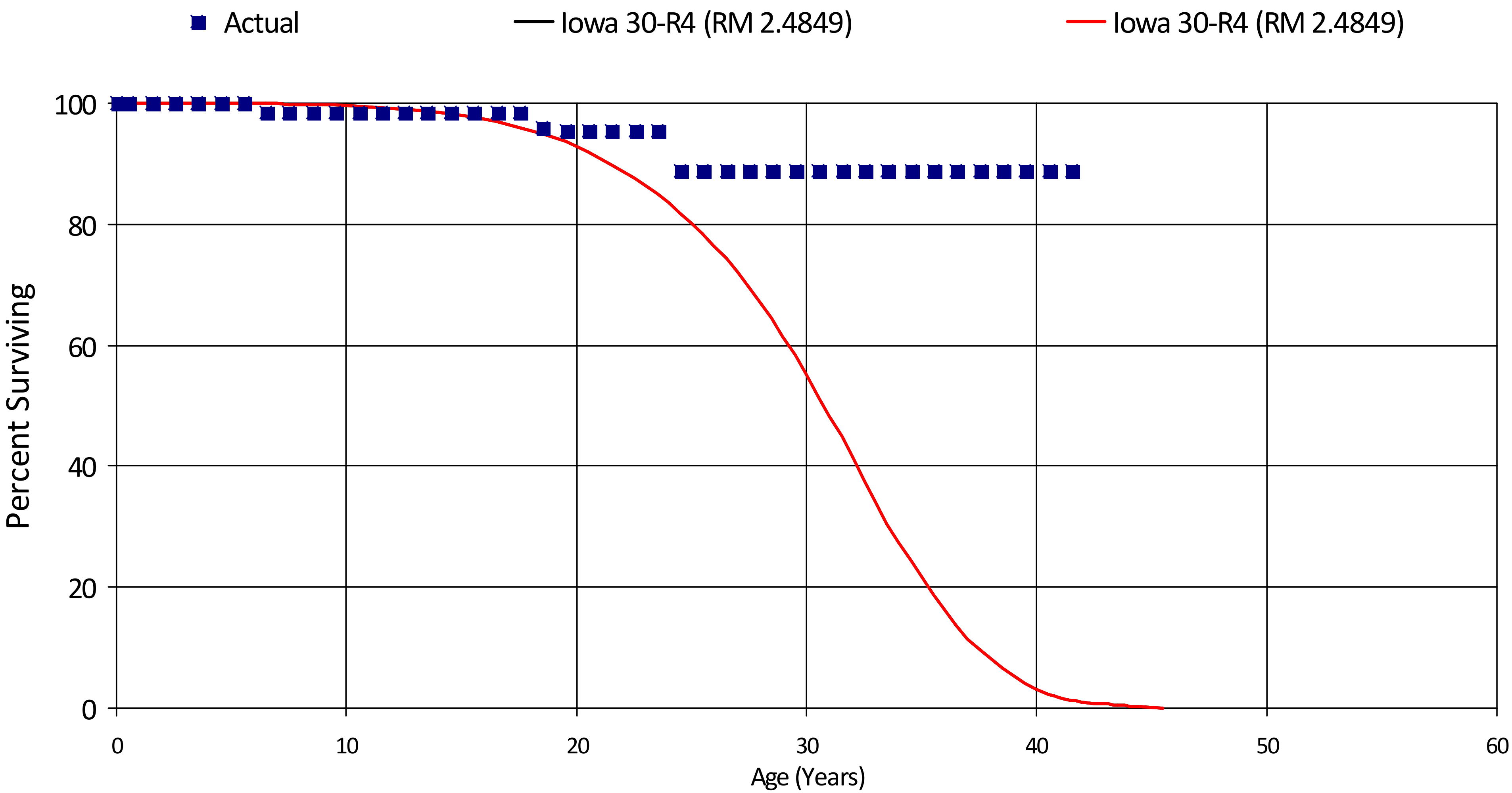
27.5	5,130,068	0	0.00000	1.00000	99.42
28.5	5,031,202	12,518	0.00249	0.99751	99.42
29.5	4,558,322	0	0.00000	1.00000	99.17
30.5	4,408,944	0	0.00000	1.00000	99.17
31.5	4,375,816	0	0.00000	1.00000	99.17
32.5	3,852,813	35,777	0.00929	0.99071	99.17
33.5	3,109,573	0	0.00000	1.00000	98.25
34.5	2,958,731	0	0.00000	1.00000	98.25
35.5	2,566,420	0	0.00000	1.00000	98.25
36.5	2,543,876	0	0.00000	1.00000	98.25
37.5	2,433,209	0	0.00000	1.00000	98.25
38.5	2,349,034	0	0.00000	1.00000	98.25
39.5	2,325,236	0	0.00000	1.00000	98.25
40.5	2,325,236	0	0.00000	1.00000	98.25
41.5	2,158,823	0	0.00000	1.00000	98.25
42.5	1,920,438	32,475	0.01691	0.98309	98.25
43.5	1,675,754	24,869	0.01484	0.98516	96.59
44.5	1,518,120	0	0.00000	1.00000	95.16
45.5	1,362,375	0	0.00000	1.00000	95.16
46.5	1,109,380	0	0.00000	1.00000	95.16
47.5	996,354	0	0.00000	1.00000	95.16
48.5	994,056	1,413	0.00142	0.99858	95.16
49.5	924,603	0	0.00000	1.00000	95.02
50.5	915,908	0	0.00000	1.00000	95.02
51.5	915,908	0	0.00000	1.00000	95.02
52.5	908,965	0	0.00000	1.00000	95.02
53.5	908,965	0	0.00000	1.00000	95.02
54.5	387,335	0	0.00000	1.00000	95.02
55.5	369,335	0	0.00000	1.00000	95.02
56.5	264,746	0	0.00000	1.00000	95.02
	Totals:	139,900			

Newfoundland and Labrador Hydro

Account C01 - Cables - Telecontrol

Placement Band - 1982 - 2024   Experience Band - 2000 - 2024

Actual and Smooth Survivor Curves



Account C01 - Cables - Telecontrol

Placement Band - 1982 - 2024   Experience Band - 2000 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	1,899,995	0	0.00000	1.00000	100.00
0.5	1,899,995	0	0.00000	1.00000	100.00
1.5	1,825,371	0	0.00000	1.00000	100.00
2.5	1,825,371	0	0.00000	1.00000	100.00
3.5	1,825,371	0	0.00000	1.00000	100.00
4.5	1,825,371	0	0.00000	1.00000	100.00
5.5	1,825,371	27,391	0.01501	0.98499	100.00
6.5	1,797,980	0	0.00000	1.00000	98.50
7.5	1,797,980	0	0.00000	1.00000	98.50
8.5	1,797,980	0	0.00000	1.00000	98.50
9.5	1,795,438	0	0.00000	1.00000	98.50
10.5	1,795,438	0	0.00000	1.00000	98.50
11.5	1,783,587	0	0.00000	1.00000	98.50
12.5	1,783,587	0	0.00000	1.00000	98.50
13.5	1,783,587	0	0.00000	1.00000	98.50
14.5	1,684,136	0	0.00000	1.00000	98.50
15.5	1,684,136	0	0.00000	1.00000	98.50
16.5	1,684,136	0	0.00000	1.00000	98.50
17.5	1,684,136	45,443	0.02698	0.97302	98.50
18.5	1,638,692	8,519	0.00520	0.99480	95.84
19.5	1,630,173	0	0.00000	1.00000	95.34
20.5	1,630,173	0	0.00000	1.00000	95.34
21.5	737,925	0	0.00000	1.00000	95.34
22.5	477,548	0	0.00000	1.00000	95.34
23.5	347,969	24,177	0.06948	0.93052	95.34
24.5	301,761	0	0.00000	1.00000	88.72
25.5	125,153	0	0.00000	1.00000	88.72
26.5	125,153	0	0.00000	1.00000	88.72

Newfoundland and Labrador Hydro

Account C01 - Cables - Telecontrol

Placement Band - 1982 - 2024   Experience Band - 2000 - 2024

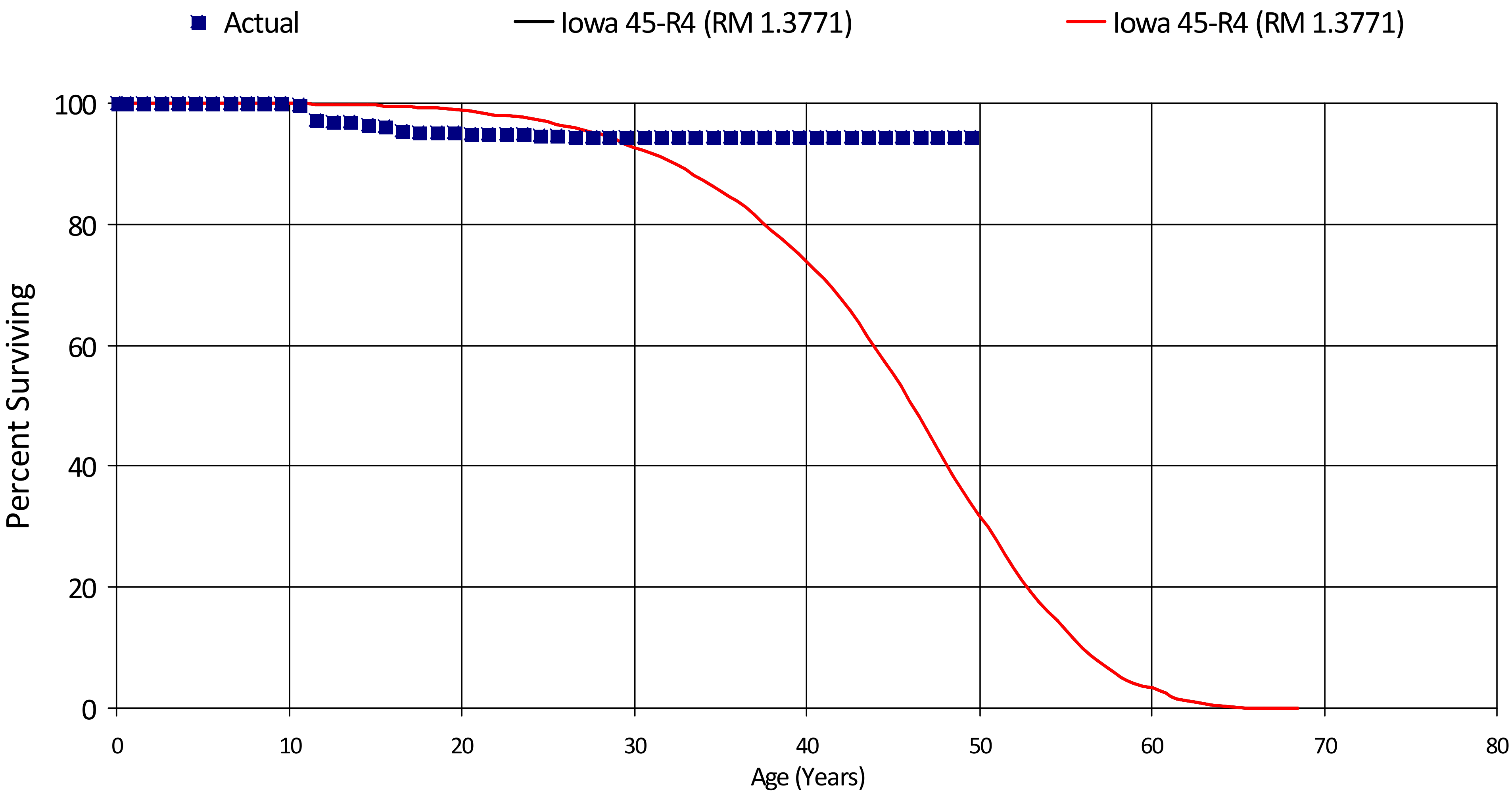
27.5	125,153	0	0.00000	1.00000	88.72
28.5	125,153	0	0.00000	1.00000	88.72
29.5	125,153	0	0.00000	1.00000	88.72
30.5	125,153	0	0.00000	1.00000	88.72
31.5	12,612	0	0.00000	1.00000	88.72
32.5	12,612	0	0.00000	1.00000	88.72
33.5	12,612	0	0.00000	1.00000	88.72
34.5	12,612	0	0.00000	1.00000	88.72
35.5	12,612	0	0.00000	1.00000	88.72
36.5	12,612	0	0.00000	1.00000	88.72
37.5	12,612	0	0.00000	1.00000	88.72
38.5	12,612	0	0.00000	1.00000	88.72
39.5	12,612	0	0.00000	1.00000	88.72
40.5	12,612	0	0.00000	1.00000	88.72
41.5	12,612	0	0.00000	1.00000	88.72
	Totals:	105,530			

Newfoundland and Labrador Hydro

Account C02 - Cables - Submarine

Placement Band - 1965 - 2024   Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	11,099,413	0	0.00000	1.00000	100.00
0.5	11,099,413	0	0.00000	1.00000	100.00
1.5	11,099,413	0	0.00000	1.00000	100.00
2.5	11,099,413	0	0.00000	1.00000	100.00
3.5	11,099,413	0	0.00000	1.00000	100.00
4.5	11,099,413	0	0.00000	1.00000	100.00
5.5	10,934,449	0	0.00000	1.00000	100.00
6.5	10,934,449	262	0.00002	0.99998	100.00
7.5	10,934,187	0	0.00000	1.00000	100.00
8.5	9,425,153	0	0.00000	1.00000	100.00
9.5	9,425,153	24,789	0.00263	0.99737	100.00
10.5	9,400,365	245,126	0.02608	0.97392	99.74
11.5	9,155,239	10,786	0.00118	0.99882	97.14
12.5	9,144,453	2,233	0.00024	0.99976	97.03
13.5	9,142,221	48,195	0.00527	0.99473	97.01
14.5	9,094,025	19,777	0.00217	0.99783	96.50
15.5	8,993,561	87,216	0.00970	0.99030	96.29
16.5	8,864,051	21,424	0.00242	0.99758	95.36
17.5	8,738,346	0	0.00000	1.00000	95.13
18.5	8,738,346	5,358	0.00061	0.99939	95.13
19.5	8,732,988	1,990	0.00023	0.99977	95.07
20.5	8,730,998	1,297	0.00015	0.99985	95.05
21.5	8,729,701	13,145	0.00151	0.99849	95.04
22.5	8,716,556	4,245	0.00049	0.99951	94.90
23.5	8,712,311	8,605	0.00099	0.99901	94.85
24.5	8,703,707	17,612	0.00202	0.99798	94.76
25.5	7,763,746	5,538	0.00071	0.99929	94.57
26.5	7,758,208	0	0.00000	1.00000	94.50

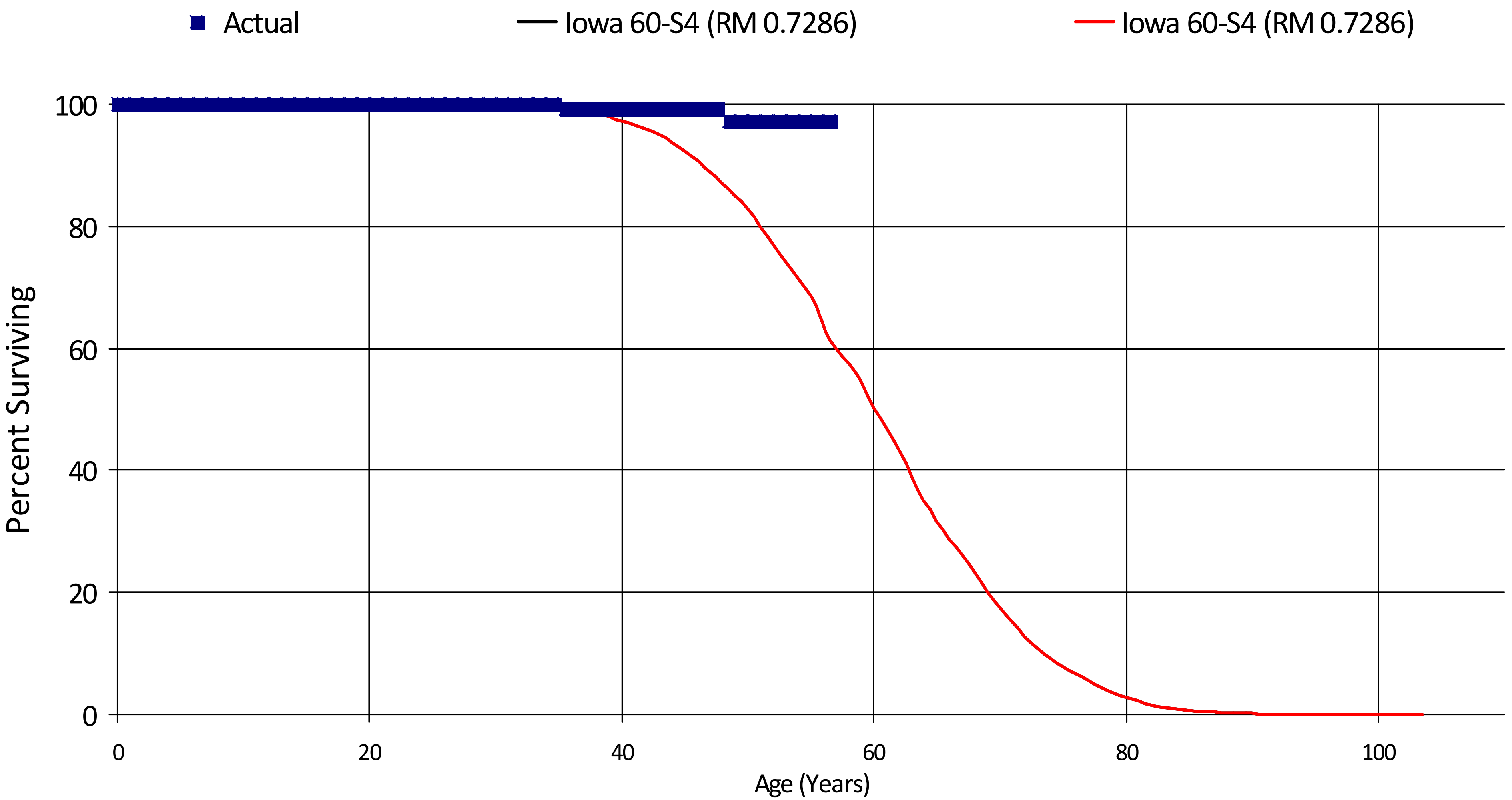
27.5	7,758,208	0	0.00000	1.00000	94.50
28.5	7,758,208	0	0.00000	1.00000	94.50
29.5	7,758,208	4,602	0.00059	0.99941	94.50
30.5	7,753,606	0	0.00000	1.00000	94.44
31.5	7,753,606	0	0.00000	1.00000	94.44
32.5	7,753,606	39	0.00001	0.99999	94.44
33.5	7,753,567	968	0.00012	0.99988	94.44
34.5	4,773,250	443	0.00009	0.99991	94.43
35.5	2,319,355	0	0.00000	1.00000	94.42
36.5	768,965	0	0.00000	1.00000	94.42
37.5	768,965	651	0.00085	0.99915	94.42
38.5	768,314	0	0.00000	1.00000	94.34
39.5	768,314	0	0.00000	1.00000	94.34
40.5	768,314	0	0.00000	1.00000	94.34
41.5	768,314	0	0.00000	1.00000	94.34
42.5	644,913	0	0.00000	1.00000	94.34
43.5	644,913	0	0.00000	1.00000	94.34
44.5	475,797	0	0.00000	1.00000	94.34
45.5	475,797	0	0.00000	1.00000	94.34
46.5	475,797	0	0.00000	1.00000	94.34
47.5	475,797	0	0.00000	1.00000	94.34
48.5	475,797	0	0.00000	1.00000	94.34
49.5	0	0	0.00000	0.00000	94.34
	Totals:	524,301			

Newfoundland and Labrador Hydro

Account C03 - Cables - Underground

Placement Band - 1967 - 2024 Experience Band - 2012 - 2024

Actual and Smooth Survivor Curves



Account C03 - Cables - Underground

Placement Band - 1967 - 2024   Experience Band - 2012 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	9,383,530	0	0.00000	1.00000	100.00
0.5	8,923,904	0	0.00000	1.00000	100.00
1.5	8,923,904	0	0.00000	1.00000	100.00
2.5	8,489,748	0	0.00000	1.00000	100.00
3.5	7,824,192	0	0.00000	1.00000	100.00
4.5	6,377,999	0	0.00000	1.00000	100.00
5.5	5,766,402	0	0.00000	1.00000	100.00
6.5	4,985,421	0	0.00000	1.00000	100.00
7.5	3,175,682	0	0.00000	1.00000	100.00
8.5	2,794,411	0	0.00000	1.00000	100.00
9.5	2,248,687	0	0.00000	1.00000	100.00
10.5	1,783,797	0	0.00000	1.00000	100.00
11.5	1,674,628	0	0.00000	1.00000	100.00
12.5	1,403,221	0	0.00000	1.00000	100.00
13.5	1,403,221	0	0.00000	1.00000	100.00
14.5	1,403,221	0	0.00000	1.00000	100.00
15.5	1,403,221	0	0.00000	1.00000	100.00
16.5	1,403,221	0	0.00000	1.00000	100.00
17.5	1,403,221	0	0.00000	1.00000	100.00
18.5	1,403,221	0	0.00000	1.00000	100.00
19.5	1,403,221	0	0.00000	1.00000	100.00
20.5	1,403,221	0	0.00000	1.00000	100.00
21.5	1,403,221	0	0.00000	1.00000	100.00
22.5	1,403,221	0	0.00000	1.00000	100.00
23.5	1,385,569	0	0.00000	1.00000	100.00
24.5	1,317,288	0	0.00000	1.00000	100.00
25.5	1,317,288	0	0.00000	1.00000	100.00
26.5	1,294,962	0	0.00000	1.00000	100.00

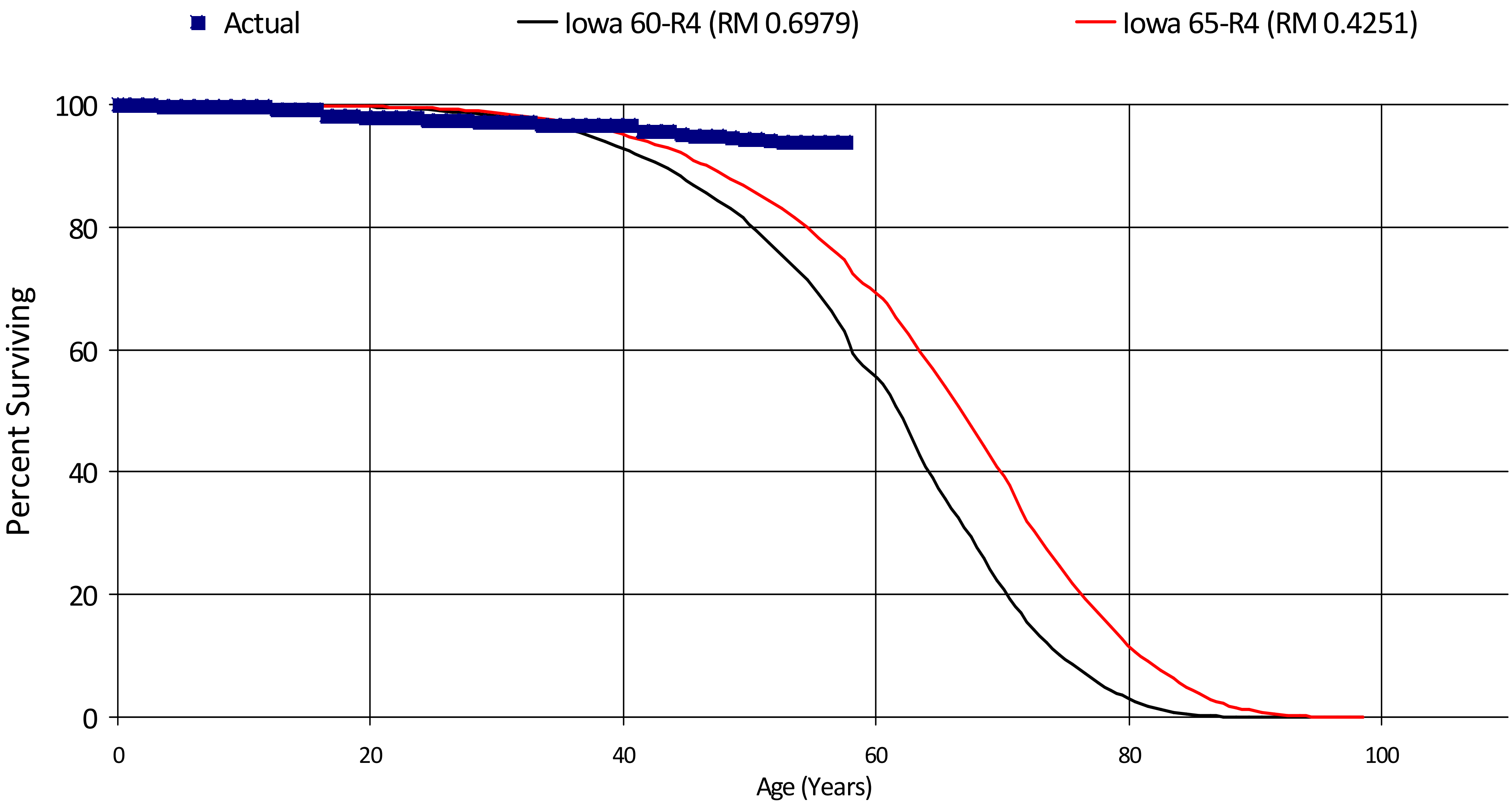
27.5	1,294,962	0	0.00000	1.00000	100.00
28.5	1,285,076	0	0.00000	1.00000	100.00
29.5	1,119,039	0	0.00000	1.00000	100.00
30.5	1,119,039	0	0.00000	1.00000	100.00
31.5	1,112,416	0	0.00000	1.00000	100.00
32.5	1,060,242	0	0.00000	1.00000	100.00
33.5	966,146	0	0.00000	1.00000	100.00
34.5	885,215	7,281	0.00823	0.99177	100.00
35.5	800,641	0	0.00000	1.00000	99.18
36.5	800,641	0	0.00000	1.00000	99.18
37.5	756,045	0	0.00000	1.00000	99.18
38.5	756,045	0	0.00000	1.00000	99.18
39.5	756,045	0	0.00000	1.00000	99.18
40.5	756,045	0	0.00000	1.00000	99.18
41.5	722,823	0	0.00000	1.00000	99.18
42.5	623,471	0	0.00000	1.00000	99.18
43.5	575,688	188	0.00033	0.99967	99.18
44.5	513,430	0	0.00000	1.00000	99.15
45.5	429,144	0	0.00000	1.00000	99.15
46.5	344,032	0	0.00000	1.00000	99.15
47.5	337,249	6,571	0.01948	0.98052	99.15
48.5	326,980	0	0.00000	1.00000	97.22
49.5	311,677	0	0.00000	1.00000	97.22
50.5	311,677	0	0.00000	1.00000	97.22
51.5	311,677	0	0.00000	1.00000	97.22
52.5	298,816	0	0.00000	1.00000	97.22
53.5	270,008	0	0.00000	1.00000	97.22
54.5	134,932	0	0.00000	1.00000	97.22
55.5	134,932	0	0.00000	1.00000	97.22
56.5	67,835	0	0.00000	1.00000	97.22
	Totals:	14,040			

Newfoundland and Labrador Hydro

Account C04 - Cables - Above Ground

Placement Band - 1965 - 2024   Experience Band - 2010 - 2024

Actual and Smooth Survivor Curves



Account C04 - Cables - Above Ground

Placement Band - 1965 - 2024   Experience Band - 2010 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	16,191,908	0	0.00000	1.00000	100.00
0.5	15,823,909	0	0.00000	1.00000	100.00
1.5	15,823,909	0	0.00000	1.00000	100.00
2.5	15,519,325	29,911	0.00193	0.99807	100.00
3.5	14,411,834	0	0.00000	1.00000	99.81
4.5	14,084,078	0	0.00000	1.00000	99.81
5.5	14,023,045	0	0.00000	1.00000	99.81
6.5	12,248,952	0	0.00000	1.00000	99.81
7.5	10,169,428	0	0.00000	1.00000	99.81
8.5	10,082,045	0	0.00000	1.00000	99.81
9.5	9,980,290	0	0.00000	1.00000	99.81
10.5	9,980,290	0	0.00000	1.00000	99.81
11.5	9,818,179	63,219	0.00644	0.99356	99.81
12.5	9,343,054	0	0.00000	1.00000	99.17
13.5	9,043,690	0	0.00000	1.00000	99.17
14.5	8,983,141	0	0.00000	1.00000	99.17
15.5	8,983,141	84,913	0.00945	0.99055	99.17
16.5	8,898,227	0	0.00000	1.00000	98.23
17.5	8,898,227	0	0.00000	1.00000	98.23
18.5	8,855,755	27,352	0.00309	0.99691	98.23
19.5	8,713,779	0	0.00000	1.00000	97.93
20.5	8,713,779	4,631	0.00053	0.99947	97.93
21.5	8,639,487	0	0.00000	1.00000	97.88
22.5	8,630,785	0	0.00000	1.00000	97.88
23.5	8,515,244	38,030	0.00447	0.99553	97.88
24.5	8,369,544	0	0.00000	1.00000	97.44
25.5	8,282,052	0	0.00000	1.00000	97.44
26.5	8,061,227	0	0.00000	1.00000	97.44

Newfoundland and Labrador Hydro

Account C04 - Cables - Above Ground

Placement Band - 1965 - 2024   Experience Band - 2010 - 2024

27.5	8,040,370	19,117	0.00238	0.99762	97.44
28.5	7,927,657	150	0.00002	0.99998	97.21
29.5	7,700,159	0	0.00000	1.00000	97.21
30.5	7,028,315	37	0.00001	0.99999	97.21
31.5	6,973,628	1,047	0.00015	0.99985	97.21
32.5	6,592,384	27,298	0.00414	0.99586	97.20
33.5	6,099,293	134	0.00002	0.99998	96.80
34.5	5,877,815	0	0.00000	1.00000	96.80
35.5	5,470,943	332	0.00006	0.99994	96.80
36.5	5,352,905	8,429	0.00157	0.99843	96.79
37.5	5,213,783	0	0.00000	1.00000	96.64
38.5	5,129,594	209	0.00004	0.99996	96.64
39.5	4,234,005	0	0.00000	1.00000	96.64
40.5	4,208,916	41,708	0.00991	0.99009	96.64
41.5	3,660,451	0	0.00000	1.00000	95.68
42.5	3,387,879	0	0.00000	1.00000	95.68
43.5	3,326,851	20,755	0.00624	0.99376	95.68
44.5	2,149,056	5,372	0.00250	0.99750	95.08
45.5	1,998,722	0	0.00000	1.00000	94.84
46.5	1,472,489	0	0.00000	1.00000	94.84
47.5	1,403,328	3,444	0.00245	0.99755	94.84
48.5	1,381,691	3,099	0.00224	0.99776	94.61
49.5	1,365,079	558	0.00041	0.99959	94.40
50.5	1,309,468	2,734	0.00209	0.99791	94.36
51.5	1,305,715	4,920	0.00377	0.99623	94.16
52.5	1,300,795	0	0.00000	1.00000	93.81
53.5	1,107,567	0	0.00000	1.00000	93.81
54.5	806,220	0	0.00000	1.00000	93.81
55.5	806,220	0	0.00000	1.00000	93.81
56.5	176,786	0	0.00000	1.00000	93.81
57.5	0	0	0.00000	0.00000	93.81

Newfoundland and Labrador Hydro

Account C04 - Cables - Above Ground

Placement Band - 1965 - 2024   Experience Band - 2010 - 2024

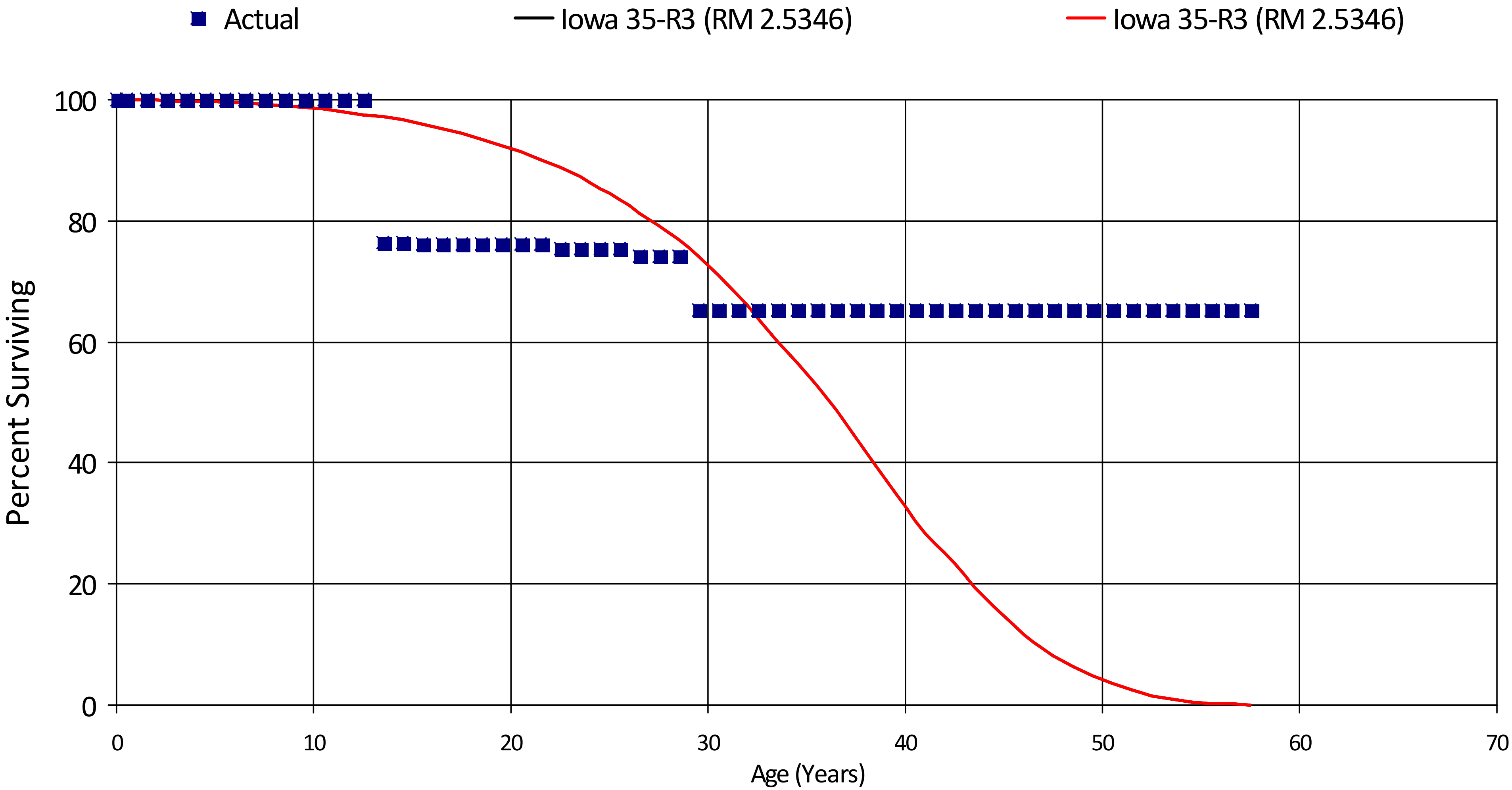
Totals: 387,399

Newfoundland and Labrador Hydro

Account C06 - Capacitors

Placement Band - 1966 - 2024 Experience Band - 1996 - 2024

Actual and Smooth Survivor Curves



Account C06 - Capacitors

Placement Band - 1966 - 2024 Experience Band - 1996 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	4,623,360	0	0.00000	1.00000	100.00
0.5	4,606,138	0	0.00000	1.00000	100.00
1.5	1,428,578	0	0.00000	1.00000	100.00
2.5	1,428,578	0	0.00000	1.00000	100.00
3.5	1,413,131	0	0.00000	1.00000	100.00
4.5	1,413,131	0	0.00000	1.00000	100.00
5.5	1,413,131	0	0.00000	1.00000	100.00
6.5	1,413,131	0	0.00000	1.00000	100.00
7.5	1,413,131	0	0.00000	1.00000	100.00
8.5	1,413,131	0	0.00000	1.00000	100.00
9.5	1,413,131	0	0.00000	1.00000	100.00
10.5	1,413,131	0	0.00000	1.00000	100.00
11.5	1,413,131	0	0.00000	1.00000	100.00
12.5	1,413,131	332,373	0.23520	0.76480	100.00
13.5	1,080,758	0	0.00000	1.00000	76.48
14.5	1,080,758	4,448	0.00412	0.99588	76.48
15.5	1,076,310	0	0.00000	1.00000	76.16
16.5	1,076,310	0	0.00000	1.00000	76.16
17.5	1,076,310	0	0.00000	1.00000	76.16
18.5	1,076,310	0	0.00000	1.00000	76.16
19.5	1,076,310	0	0.00000	1.00000	76.16
20.5	1,076,310	0	0.00000	1.00000	76.16
21.5	1,076,310	10,542	0.00979	0.99021	76.16
22.5	1,065,768	0	0.00000	1.00000	75.41
23.5	1,065,768	0	0.00000	1.00000	75.41
24.5	909,122	0	0.00000	1.00000	75.41
25.5	909,122	16,678	0.01835	0.98165	75.41
26.5	892,444	0	0.00000	1.00000	74.03

Account C06 - Capacitors

Placement Band - 1966 - 2024 Experience Band - 1996 - 2024

27.5	892,444	0	0.00000	1.00000	74.03
28.5	591,947	69,680	0.11771	0.88229	74.03
29.5	512,736	0	0.00000	1.00000	65.32
30.5	512,736	0	0.00000	1.00000	65.32
31.5	512,736	0	0.00000	1.00000	65.32
32.5	512,736	0	0.00000	1.00000	65.32
33.5	512,736	0	0.00000	1.00000	65.32
34.5	512,736	0	0.00000	1.00000	65.32
35.5	512,736	0	0.00000	1.00000	65.32
36.5	512,736	0	0.00000	1.00000	65.32
37.5	429,010	0	0.00000	1.00000	65.32
38.5	429,010	0	0.00000	1.00000	65.32
39.5	429,010	0	0.00000	1.00000	65.32
40.5	429,010	0	0.00000	1.00000	65.32
41.5	429,010	0	0.00000	1.00000	65.32
42.5	405,743	0	0.00000	1.00000	65.32
43.5	405,743	0	0.00000	1.00000	65.32
44.5	332,630	0	0.00000	1.00000	65.32
45.5	332,630	0	0.00000	1.00000	65.32
46.5	332,630	0	0.00000	1.00000	65.32
47.5	332,630	0	0.00000	1.00000	65.32
48.5	308,195	0	0.00000	1.00000	65.32
49.5	308,195	0	0.00000	1.00000	65.32
50.5	308,195	0	0.00000	1.00000	65.32
51.5	308,195	0	0.00000	1.00000	65.32
52.5	308,195	0	0.00000	1.00000	65.32
53.5	47,294	0	0.00000	1.00000	65.32
54.5	44,471	0	0.00000	1.00000	65.32
55.5	44,471	0	0.00000	1.00000	65.32
56.5	44,471	0	0.00000	1.00000	65.32
57.5	44,471	0	0.00000	1.00000	65.32

Newfoundland and Labrador Hydro

Account C06 - Capacitors

Placement Band - 1966 - 2024   Experience Band - 1996 - 2024

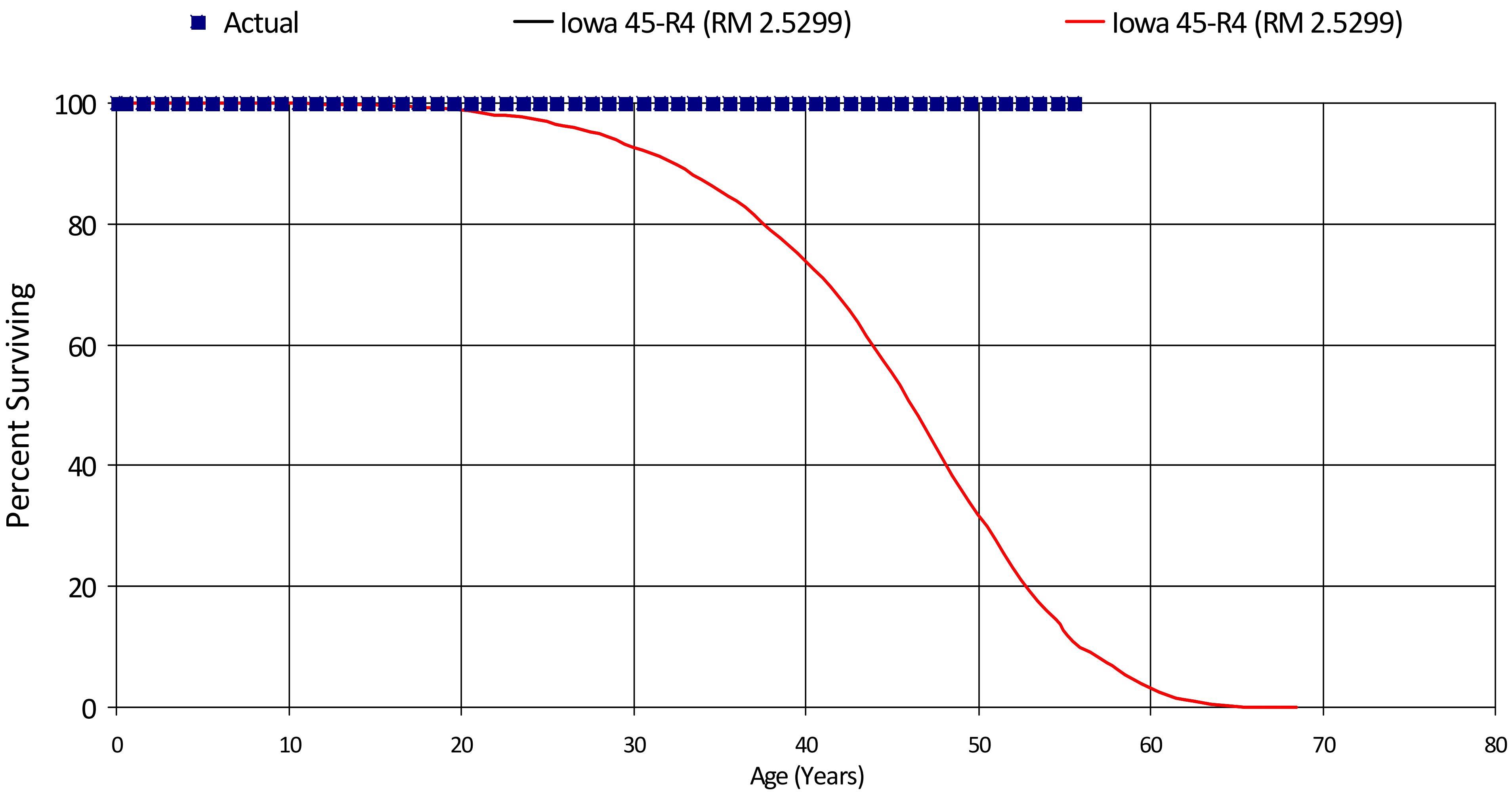
Totals:	433,721

Newfoundland and Labrador Hydro

Account C07 - Chemical Feed Systems

Placement Band - 1968 - 2024 Experience Band - 2024 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	459,814	0	0.00000	1.00000	100.00
0.5	459,814	0	0.00000	1.00000	100.00
1.5	459,814	0	0.00000	1.00000	100.00
2.5	459,814	0	0.00000	1.00000	100.00
3.5	459,814	0	0.00000	1.00000	100.00
4.5	459,814	0	0.00000	1.00000	100.00
5.5	459,814	0	0.00000	1.00000	100.00
6.5	459,814	0	0.00000	1.00000	100.00
7.5	459,814	0	0.00000	1.00000	100.00
8.5	459,814	0	0.00000	1.00000	100.00
9.5	459,814	0	0.00000	1.00000	100.00
10.5	446,523	0	0.00000	1.00000	100.00
11.5	446,523	0	0.00000	1.00000	100.00
12.5	446,523	0	0.00000	1.00000	100.00
13.5	446,523	0	0.00000	1.00000	100.00
14.5	446,523	0	0.00000	1.00000	100.00
15.5	446,523	0	0.00000	1.00000	100.00
16.5	446,523	0	0.00000	1.00000	100.00
17.5	446,523	0	0.00000	1.00000	100.00
18.5	446,523	0	0.00000	1.00000	100.00
19.5	446,523	0	0.00000	1.00000	100.00
20.5	446,523	0	0.00000	1.00000	100.00
21.5	446,523	0	0.00000	1.00000	100.00
22.5	446,523	0	0.00000	1.00000	100.00
23.5	446,523	0	0.00000	1.00000	100.00
24.5	446,523	0	0.00000	1.00000	100.00
25.5	446,523	0	0.00000	1.00000	100.00
26.5	446,523	0	0.00000	1.00000	100.00

Newfoundland and Labrador Hydro

Account C07 - Chemical Feed Systems

Placement Band - 1968 - 2024   Experience Band - 2024 - 2024

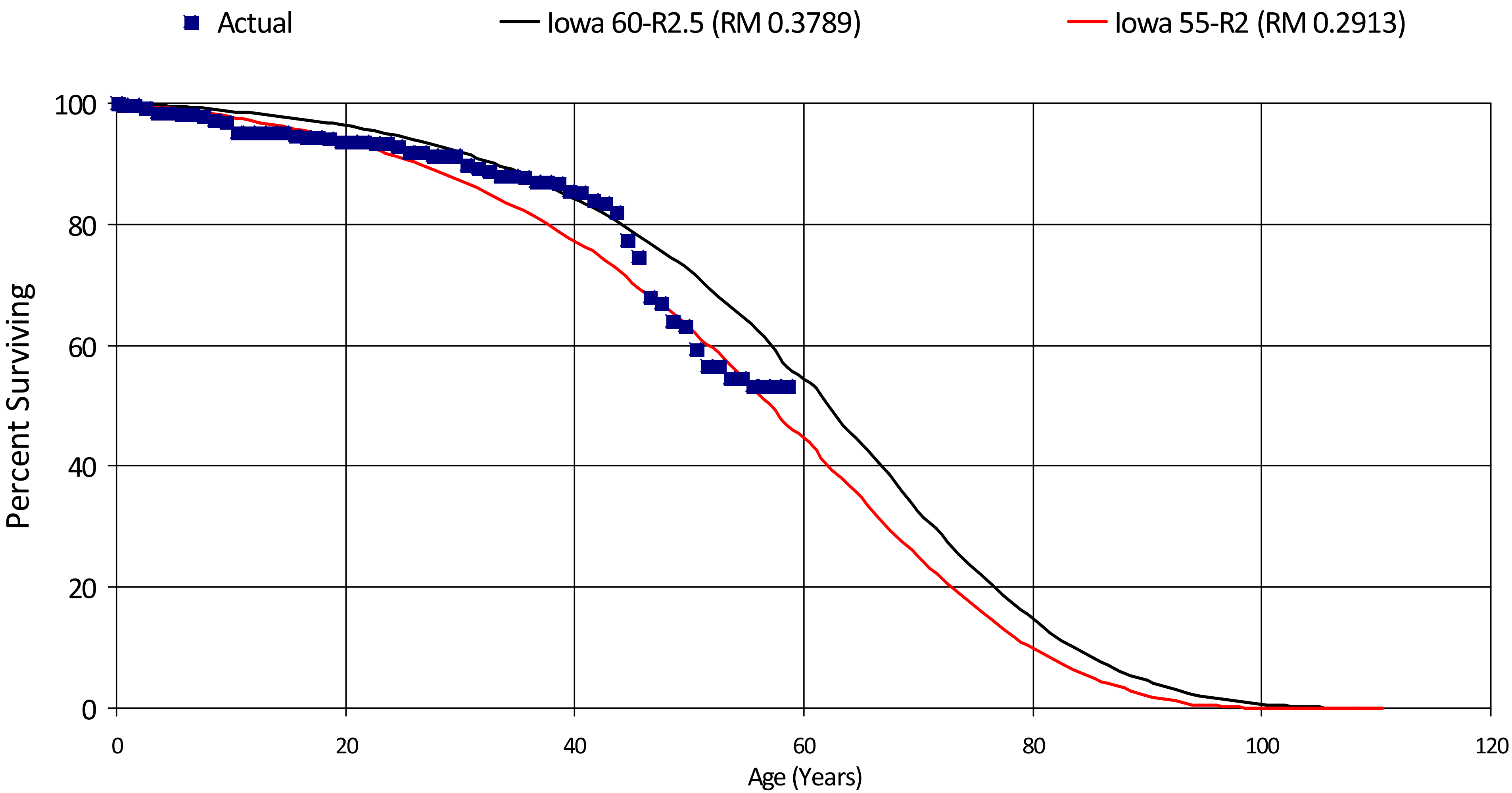
27.5	417,847	0	0.00000	1.00000	100.00
28.5	417,847	0	0.00000	1.00000	100.00
29.5	417,847	0	0.00000	1.00000	100.00
30.5	417,847	0	0.00000	1.00000	100.00
31.5	417,847	0	0.00000	1.00000	100.00
32.5	417,847	0	0.00000	1.00000	100.00
33.5	417,847	0	0.00000	1.00000	100.00
34.5	417,847	0	0.00000	1.00000	100.00
35.5	417,847	0	0.00000	1.00000	100.00
36.5	417,847	0	0.00000	1.00000	100.00
37.5	417,847	0	0.00000	1.00000	100.00
38.5	417,847	0	0.00000	1.00000	100.00
39.5	417,847	0	0.00000	1.00000	100.00
40.5	417,847	0	0.00000	1.00000	100.00
41.5	417,847	0	0.00000	1.00000	100.00
42.5	417,847	0	0.00000	1.00000	100.00
43.5	417,847	0	0.00000	1.00000	100.00
44.5	417,847	0	0.00000	1.00000	100.00
45.5	367,295	0	0.00000	1.00000	100.00
46.5	367,295	0	0.00000	1.00000	100.00
47.5	367,295	0	0.00000	1.00000	100.00
48.5	367,295	0	0.00000	1.00000	100.00
49.5	367,295	0	0.00000	1.00000	100.00
50.5	367,295	0	0.00000	1.00000	100.00
51.5	367,295	0	0.00000	1.00000	100.00
52.5	367,295	0	0.00000	1.00000	100.00
53.5	295,111	0	0.00000	1.00000	100.00
54.5	295,111	0	0.00000	1.00000	100.00
55.5	50,552	0	0.00000	1.00000	100.00
	Totals:	0			

Newfoundland and Labrador Hydro

Account C09 - Circuit Breakers

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	116,076,364	160,899	0.00139	0.99861	100.00
0.5	112,161,984	0	0.00000	1.00000	99.86
1.5	106,656,293	587,602	0.00551	0.99449	99.86
2.5	102,413,432	826,176	0.00807	0.99193	99.31
3.5	93,709,744	127,535	0.00136	0.99864	98.51
4.5	87,253,946	203,392	0.00233	0.99767	98.38
5.5	76,240,619	39,439	0.00052	0.99948	98.15
6.5	61,503,021	136,556	0.00222	0.99778	98.10
7.5	49,480,692	372,827	0.00753	0.99247	97.88
8.5	38,672,700	24,779	0.00064	0.99936	97.14
9.5	25,241,722	478,123	0.01894	0.98106	97.08
10.5	22,549,641	0	0.00000	1.00000	95.24
11.5	19,491,732	0	0.00000	1.00000	95.24
12.5	16,555,900	0	0.00000	1.00000	95.24
13.5	15,495,631	6,837	0.00044	0.99956	95.24
14.5	15,123,682	67,355	0.00445	0.99555	95.20
15.5	14,499,021	58,294	0.00402	0.99598	94.78
16.5	14,216,273	0	0.00000	1.00000	94.40
17.5	13,927,104	50,464	0.00362	0.99638	94.40
18.5	13,690,033	40,862	0.00298	0.99702	94.06
19.5	13,599,159	0	0.00000	1.00000	93.78
20.5	13,518,676	0	0.00000	1.00000	93.78
21.5	13,169,238	47,162	0.00358	0.99642	93.78
22.5	12,700,598	20,279	0.00160	0.99840	93.44
23.5	12,661,760	47,291	0.00373	0.99627	93.29
24.5	12,349,615	147,283	0.01193	0.98807	92.94
25.5	12,202,332	2,562	0.00021	0.99979	91.83
26.5	12,076,829	72,655	0.00602	0.99398	91.81

27.5	11,822,272	0	0.00000	1.00000	91.26
28.5	11,393,004	0	0.00000	1.00000	91.26
29.5	10,563,507	173,483	0.01642	0.98358	91.26
30.5	10,364,576	46,776	0.00451	0.99549	89.76
31.5	10,045,351	56,847	0.00566	0.99434	89.36
32.5	8,898,187	75,026	0.00843	0.99157	88.85
33.5	8,721,222	0	0.00000	1.00000	88.10
34.5	8,343,427	22,391	0.00268	0.99732	88.10
35.5	7,736,136	65,599	0.00848	0.99152	87.86
36.5	7,525,705	0	0.00000	1.00000	87.11
37.5	7,451,320	32,264	0.00433	0.99567	87.11
38.5	7,400,843	104,884	0.01417	0.98583	86.73
39.5	7,256,399	17,450	0.00240	0.99760	85.50
40.5	7,238,949	104,386	0.01442	0.98558	85.29
41.5	6,822,427	54,215	0.00795	0.99205	84.06
42.5	5,854,558	99,676	0.01703	0.98297	83.39
43.5	5,553,085	310,450	0.05591	0.94409	81.97
44.5	4,490,087	165,419	0.03684	0.96316	77.39
45.5	4,247,292	367,773	0.08659	0.91341	74.54
46.5	3,618,635	55,553	0.01535	0.98465	68.09
47.5	3,041,224	144,861	0.04763	0.95237	67.04
48.5	2,896,363	32,006	0.01105	0.98895	63.85
49.5	2,658,342	162,957	0.06130	0.93870	63.14
50.5	2,432,512	105,626	0.04342	0.95658	59.27
51.5	2,326,887	6,807	0.00293	0.99707	56.70
52.5	1,975,367	65,975	0.03340	0.96660	56.53
53.5	1,498,500	0	0.00000	1.00000	54.64
54.5	1,064,126	25,751	0.02420	0.97580	54.64
55.5	926,492	0	0.00000	1.00000	53.32
56.5	619,668	0	0.00000	1.00000	53.32
57.5	52,945	0	0.00000	1.00000	53.32

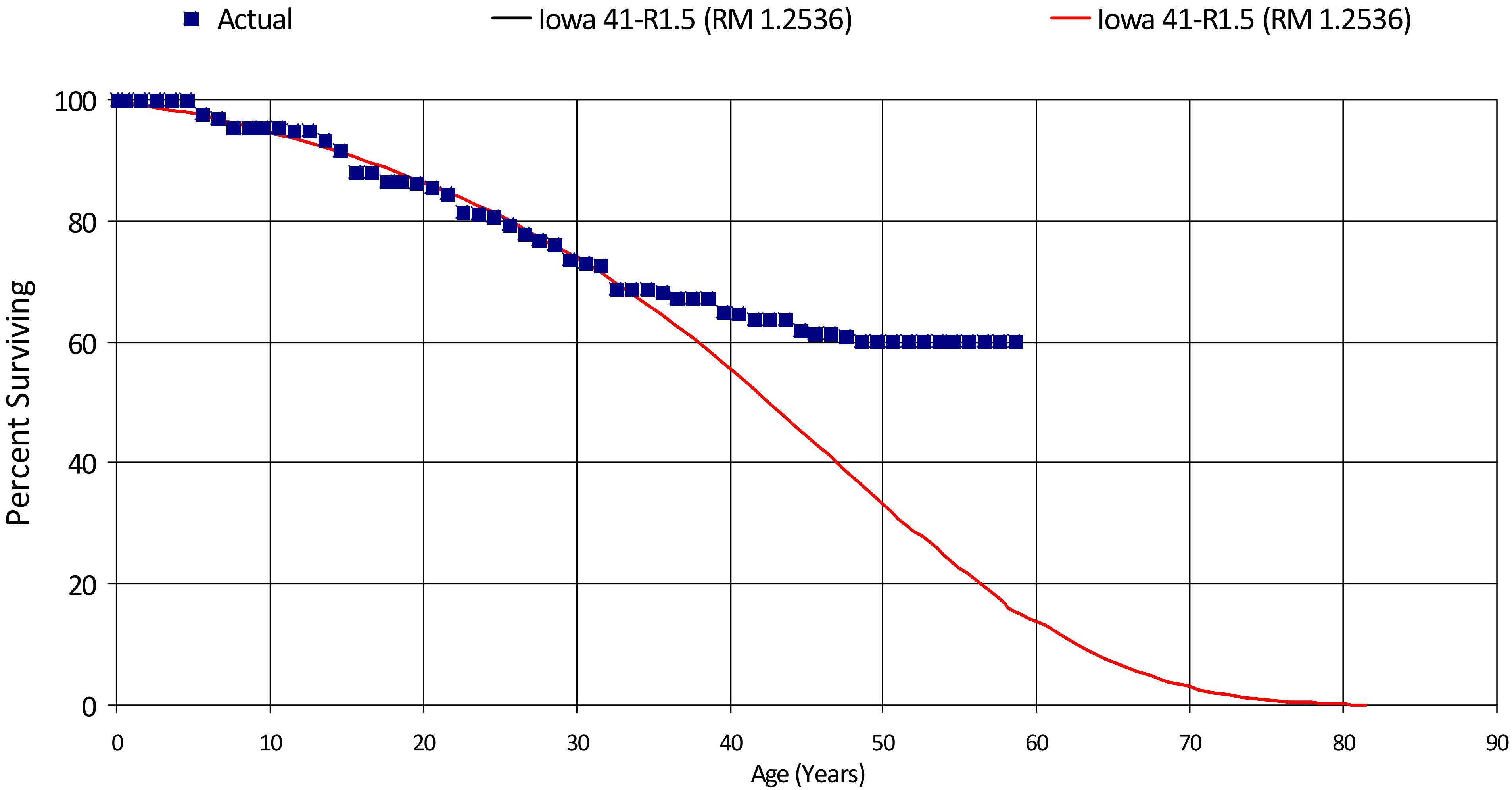
58.5	0	0	0.00000	0.00000	53.32
	Totals:	5,814,547			

Newfoundland and Labrador Hydro

Account C10 - Compressed Air Systems

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account C10 - Compressed Air Systems

Placement Band - 1965 - 2024 Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	20,271,397	0	0.00000	1.00000	100.00
0.5	20,117,546	0	0.00000	1.00000	100.00
1.5	19,830,104	0	0.00000	1.00000	100.00
2.5	19,308,897	0	0.00000	1.00000	100.00
3.5	18,888,259	2,844	0.00015	0.99985	100.00
4.5	18,598,895	414,878	0.02231	0.97769	99.98
5.5	18,126,730	171,365	0.00945	0.99055	97.75
6.5	17,955,364	240,292	0.01338	0.98662	96.83
7.5	17,683,593	19,135	0.00108	0.99892	95.53
8.5	17,217,331	0	0.00000	1.00000	95.43
9.5	9,123,994	0	0.00000	1.00000	95.43
10.5	7,180,198	33,125	0.00461	0.99539	95.43
11.5	6,011,260	2,485	0.00041	0.99959	94.99
12.5	6,008,775	101,029	0.01681	0.98319	94.95
13.5	5,313,171	96,947	0.01825	0.98175	93.35
14.5	5,075,787	192,426	0.03791	0.96209	91.65
15.5	4,714,671	1,766	0.00037	0.99963	88.18
16.5	4,395,189	79,023	0.01798	0.98202	88.15
17.5	4,076,860	0	0.00000	1.00000	86.57
18.5	4,060,070	8,231	0.00203	0.99797	86.57
19.5	4,051,839	43,863	0.01083	0.98917	86.39
20.5	4,007,976	46,678	0.01165	0.98835	85.45
21.5	3,761,298	132,489	0.03522	0.96478	84.45
22.5	3,587,537	13,168	0.00367	0.99633	81.48
23.5	3,538,003	16,940	0.00479	0.99521	81.18
24.5	3,367,630	59,522	0.01767	0.98233	80.79
25.5	3,143,750	58,872	0.01873	0.98127	79.36
26.5	3,001,858	39,150	0.01304	0.98696	77.87

Newfoundland and Labrador Hydro

Account C10 - Compressed Air Systems

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

27.5	2,934,176	29,172	0.00994	0.99006	76.85
28.5	2,894,348	91,004	0.03144	0.96856	76.09
29.5	2,674,306	22,151	0.00828	0.99172	73.70
30.5	2,417,511	17,783	0.00736	0.99264	73.09
31.5	2,355,638	124,249	0.05275	0.94725	72.55
32.5	1,758,432	1,504	0.00086	0.99914	68.72
33.5	1,721,300	0	0.00000	1.00000	68.66
34.5	1,679,757	9,569	0.00570	0.99430	68.66
35.5	1,594,980	23,423	0.01469	0.98531	68.27
36.5	1,456,821	0	0.00000	1.00000	67.27
37.5	1,420,616	0	0.00000	1.00000	67.27
38.5	1,420,616	48,856	0.03439	0.96561	67.27
39.5	1,371,760	5,479	0.00399	0.99601	64.96
40.5	1,199,825	18,589	0.01549	0.98451	64.70
41.5	1,124,693	0	0.00000	1.00000	63.70
42.5	971,134	0	0.00000	1.00000	63.70
43.5	971,134	25,370	0.02612	0.97388	63.70
44.5	725,964	8,181	0.01127	0.98873	62.04
45.5	675,771	0	0.00000	1.00000	61.34
46.5	616,004	5,167	0.00839	0.99161	61.34
47.5	472,362	6,077	0.01287	0.98713	60.83
48.5	424,335	0	0.00000	1.00000	60.05
49.5	414,335	0	0.00000	1.00000	60.05
50.5	318,185	0	0.00000	1.00000	60.05
51.5	318,185	0	0.00000	1.00000	60.05
52.5	316,972	0	0.00000	1.00000	60.05
53.5	201,647	0	0.00000	1.00000	60.05
54.5	195,643	0	0.00000	1.00000	60.05
55.5	177,530	0	0.00000	1.00000	60.05
56.5	170,490	0	0.00000	1.00000	60.05
57.5	36,402	0	0.00000	1.00000	60.05

Newfoundland and Labrador Hydro

Account C10 - Compressed Air Systems

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

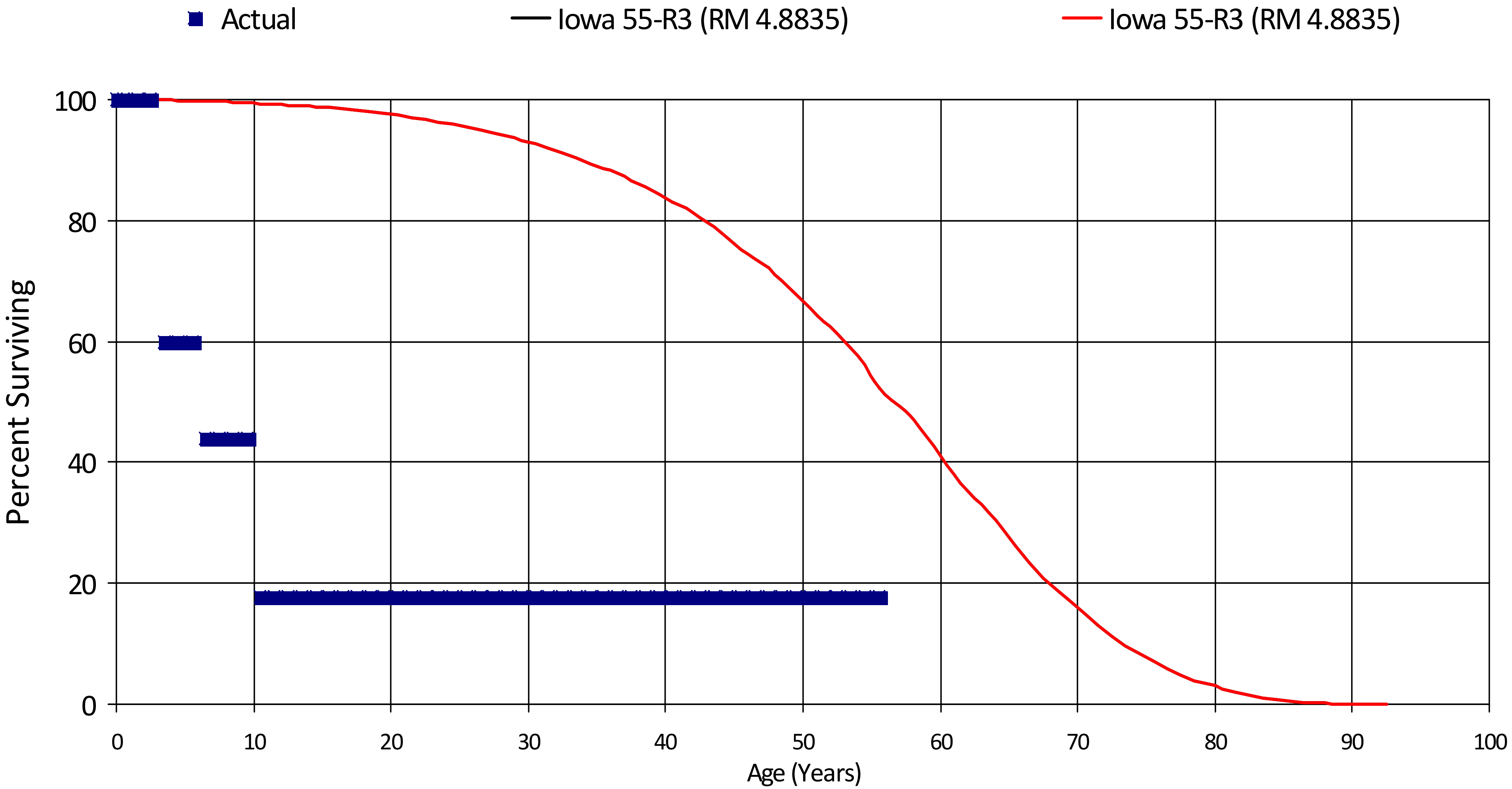
58.5	0	0	0.00000	0.00000	60.05
	Totals:	2,210,802			

Newfoundland and Labrador Hydro

Account C12 - Condensers

Placement Band - 1968 - 2024 Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



Account C12 - Condensers

Placement Band - 1968 - 2024   Experience Band - 1999 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	1,620,523	0	0.00000	1.00000	100.00
0.5	1,263,594	0	0.00000	1.00000	100.00
1.5	709,727	0	0.00000	1.00000	100.00
2.5	709,727	285,000	0.40156	0.59844	100.00
3.5	424,727	0	0.00000	1.00000	59.84
4.5	424,727	0	0.00000	1.00000	59.84
5.5	424,727	113,499	0.26723	0.73277	59.84
6.5	311,227	0	0.00000	1.00000	43.85
7.5	311,227	0	0.00000	1.00000	43.85
8.5	311,227	0	0.00000	1.00000	43.85
9.5	311,227	185,297	0.59537	0.40463	43.85
10.5	125,930	0	0.00000	1.00000	17.74
11.5	125,930	0	0.00000	1.00000	17.74
12.5	125,930	0	0.00000	1.00000	17.74
13.5	125,930	0	0.00000	1.00000	17.74
14.5	125,930	0	0.00000	1.00000	17.74
15.5	125,930	0	0.00000	1.00000	17.74
16.5	125,930	0	0.00000	1.00000	17.74
17.5	125,930	0	0.00000	1.00000	17.74
18.5	125,930	0	0.00000	1.00000	17.74
19.5	125,930	0	0.00000	1.00000	17.74
20.5	125,930	0	0.00000	1.00000	17.74
21.5	125,930	0	0.00000	1.00000	17.74
22.5	125,930	0	0.00000	1.00000	17.74
23.5	125,930	0	0.00000	1.00000	17.74
24.5	125,930	0	0.00000	1.00000	17.74
25.5	125,930	0	0.00000	1.00000	17.74
26.5	125,930	0	0.00000	1.00000	17.74

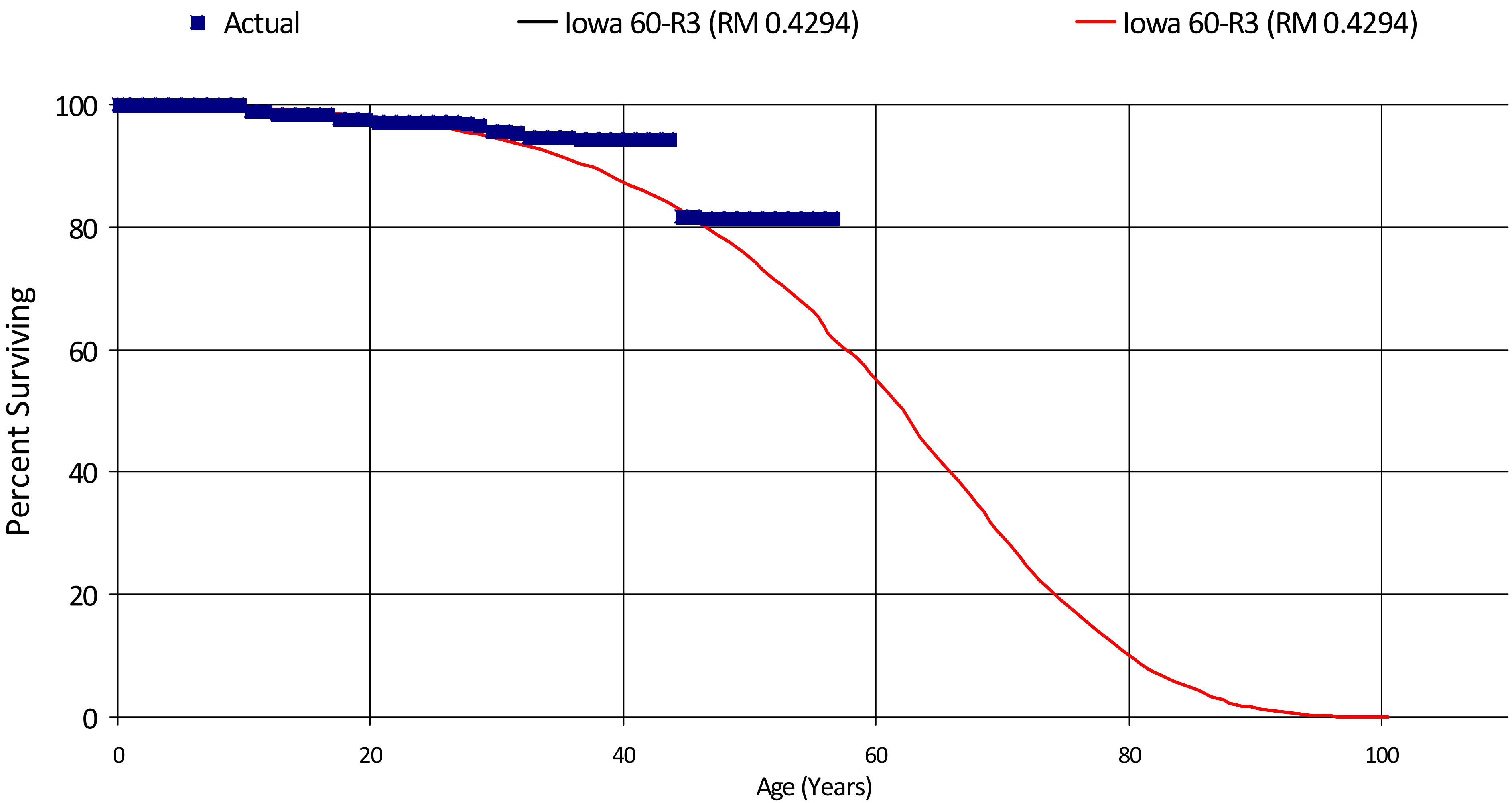
27.5	125,930	0	0.00000	1.00000	17.74
28.5	125,930	0	0.00000	1.00000	17.74
29.5	125,930	0	0.00000	1.00000	17.74
30.5	125,930	0	0.00000	1.00000	17.74
31.5	125,930	0	0.00000	1.00000	17.74
32.5	125,930	0	0.00000	1.00000	17.74
33.5	125,930	0	0.00000	1.00000	17.74
34.5	125,930	0	0.00000	1.00000	17.74
35.5	125,930	0	0.00000	1.00000	17.74
36.5	125,930	0	0.00000	1.00000	17.74
37.5	125,930	0	0.00000	1.00000	17.74
38.5	125,930	0	0.00000	1.00000	17.74
39.5	125,930	0	0.00000	1.00000	17.74
40.5	125,930	0	0.00000	1.00000	17.74
41.5	125,930	0	0.00000	1.00000	17.74
42.5	125,930	0	0.00000	1.00000	17.74
43.5	125,930	0	0.00000	1.00000	17.74
44.5	125,930	0	0.00000	1.00000	17.74
45.5	125,930	0	0.00000	1.00000	17.74
46.5	125,930	0	0.00000	1.00000	17.74
47.5	125,930	0	0.00000	1.00000	17.74
48.5	125,930	0	0.00000	1.00000	17.74
49.5	125,930	0	0.00000	1.00000	17.74
50.5	125,930	0	0.00000	1.00000	17.74
51.5	125,930	0	0.00000	1.00000	17.74
52.5	125,930	0	0.00000	1.00000	17.74
53.5	125,930	0	0.00000	1.00000	17.74
54.5	125,930	0	0.00000	1.00000	17.74
55.5	125,930	0	0.00000	1.00000	17.74
	Totals:	583,796			

Newfoundland and Labrador Hydro

Account C13 - Conductor - Transmission

Placement Band - 1967 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	93,474,360	0	0.00000	1.00000	100.00
0.5	93,474,360	0	0.00000	1.00000	100.00
1.5	93,474,360	0	0.00000	1.00000	100.00
2.5	93,474,360	0	0.00000	1.00000	100.00
3.5	93,474,360	0	0.00000	1.00000	100.00
4.5	93,081,990	0	0.00000	1.00000	100.00
5.5	92,883,175	0	0.00000	1.00000	100.00
6.5	90,494,242	67,979	0.00075	0.99925	100.00
7.5	67,884,812	0	0.00000	1.00000	99.92
8.5	67,691,091	0	0.00000	1.00000	99.92
9.5	67,691,091	578,547	0.00855	0.99145	99.92
10.5	67,112,544	26,504	0.00039	0.99961	99.07
11.5	67,086,039	370,056	0.00552	0.99448	99.03
12.5	66,715,983	12,891	0.00019	0.99981	98.48
13.5	66,703,092	24,358	0.00037	0.99963	98.46
14.5	66,678,734	0	0.00000	1.00000	98.42
15.5	66,566,967	0	0.00000	1.00000	98.42
16.5	66,566,967	410,530	0.00617	0.99383	98.42
17.5	66,156,438	63,133	0.00095	0.99905	97.81
18.5	65,387,783	0	0.00000	1.00000	97.72
19.5	65,387,783	341,068	0.00522	0.99478	97.72
20.5	64,612,318	0	0.00000	1.00000	97.21
21.5	64,437,760	0	0.00000	1.00000	97.21
22.5	61,842,941	0	0.00000	1.00000	97.21
23.5	59,530,975	14,600	0.00025	0.99975	97.21
24.5	56,643,341	990	0.00002	0.99998	97.19
25.5	56,620,662	25,135	0.00044	0.99956	97.19
26.5	55,021,928	85,533	0.00155	0.99845	97.15

Newfoundland and Labrador Hydro

Account C13 - Conductor - Transmission

Placement Band - 1967 - 2024   Experience Band - 1991 - 2024

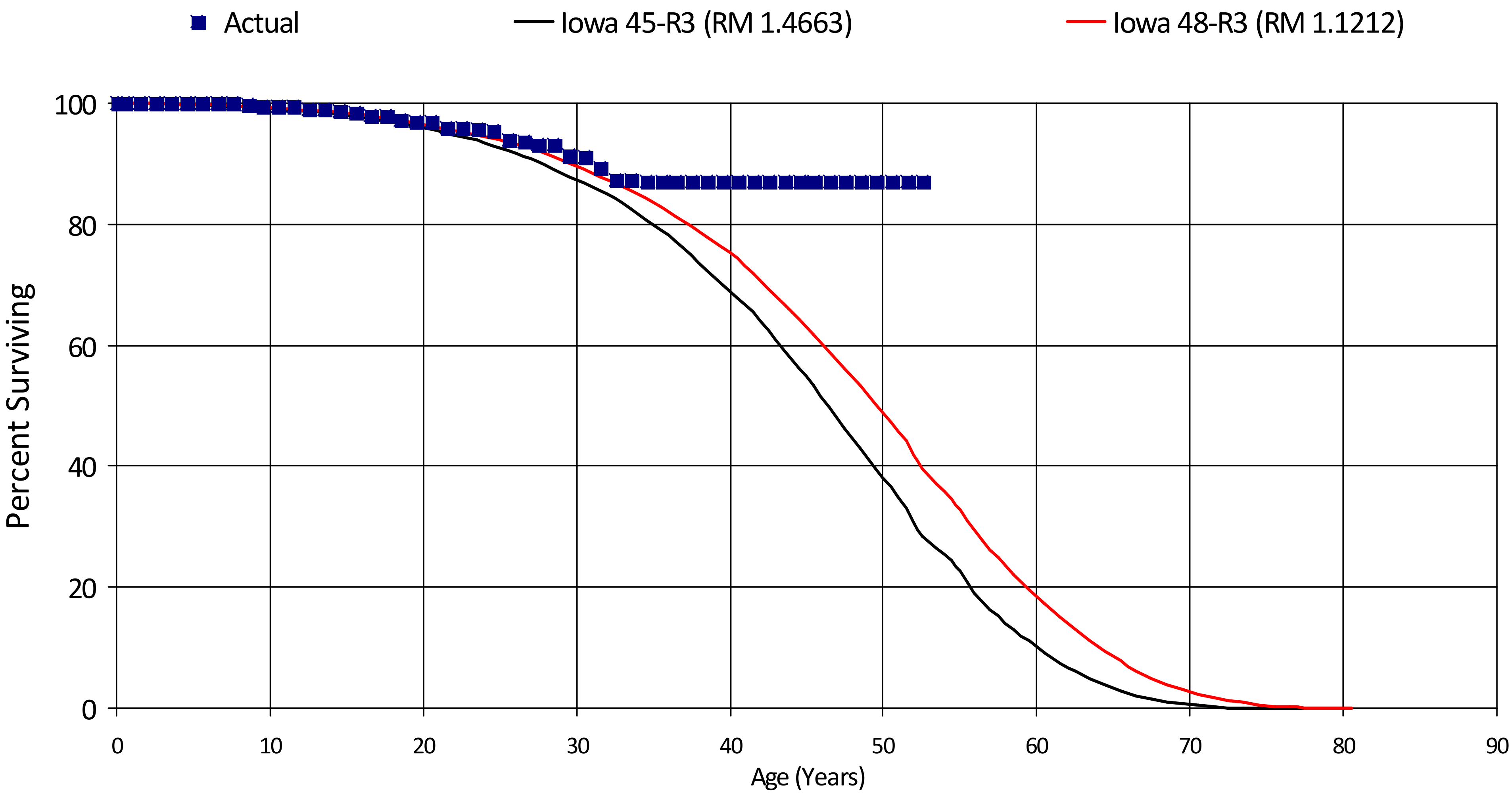
27.5	53,790,643	119,028	0.00221	0.99779	97.00
28.5	52,447,594	625,623	0.01193	0.98807	96.79
29.5	50,399,573	0	0.00000	1.00000	95.64
30.5	50,338,751	133,501	0.00265	0.99735	95.64
31.5	50,205,250	324,580	0.00647	0.99353	95.39
32.5	49,880,670	24,442	0.00049	0.99951	94.77
33.5	49,770,095	0	0.00000	1.00000	94.72
34.5	39,248,555	0	0.00000	1.00000	94.72
35.5	39,248,555	83,483	0.00213	0.99787	94.72
36.5	37,691,130	18,578	0.00049	0.99951	94.52
37.5	34,954,330	0	0.00000	1.00000	94.47
38.5	34,954,330	9,758	0.00028	0.99972	94.47
39.5	29,540,025	0	0.00000	1.00000	94.44
40.5	29,492,777	10,968	0.00037	0.99963	94.44
41.5	23,483,612	0	0.00000	1.00000	94.41
42.5	20,139,514	2,486	0.00012	0.99988	94.41
43.5	15,991,088	2,164,031	0.13533	0.86467	94.40
44.5	13,645,987	0	0.00000	1.00000	81.62
45.5	13,645,987	15,091	0.00111	0.99889	81.62
46.5	13,190,915	0	0.00000	1.00000	81.53
47.5	10,160,347	0	0.00000	1.00000	81.53
48.5	10,064,851	0	0.00000	1.00000	81.53
49.5	10,064,851	0	0.00000	1.00000	81.53
50.5	8,349,019	0	0.00000	1.00000	81.53
51.5	8,349,019	0	0.00000	1.00000	81.53
52.5	8,349,019	0	0.00000	1.00000	81.53
53.5	8,349,019	0	0.00000	1.00000	81.53
54.5	7,575,829	0	0.00000	1.00000	81.53
55.5	7,323,183	0	0.00000	1.00000	81.53
56.5	4,914,311	0	0.00000	1.00000	81.53
	Totals:	5,552,893			

Newfoundland and Labrador Hydro

Account C14 - Conductor - Distribution

Placement Band - 1971 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account C14 - Conductor - Distribution

Placement Band - 1971 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	43,315,842	0	0.00000	1.00000	100.00
0.5	43,315,842	479	0.00001	0.99999	100.00
1.5	42,078,503	544	0.00001	0.99999	100.00
2.5	41,024,438	2,090	0.00005	0.99995	100.00
3.5	40,054,754	4,045	0.00010	0.99990	100.00
4.5	38,648,541	8,981	0.00023	0.99977	99.99
5.5	38,028,113	13,474	0.00035	0.99965	99.97
6.5	37,308,812	4,465	0.00012	0.99988	99.94
7.5	36,314,608	25,140	0.00069	0.99931	99.93
8.5	36,179,121	106,228	0.00294	0.99706	99.86
9.5	34,899,029	18,031	0.00052	0.99948	99.57
10.5	33,330,147	33,970	0.00102	0.99898	99.52
11.5	30,942,091	122,738	0.00397	0.99603	99.42
12.5	29,393,292	33,062	0.00112	0.99888	99.03
13.5	28,680,547	60,071	0.00209	0.99791	98.92
14.5	28,363,122	60,355	0.00213	0.99787	98.71
15.5	27,601,985	134,862	0.00489	0.99511	98.50
16.5	26,953,780	29,524	0.00110	0.99890	98.02
17.5	26,420,820	158,464	0.00600	0.99400	97.91
18.5	25,426,974	61,871	0.00243	0.99757	97.32
19.5	25,153,143	26,870	0.00107	0.99893	97.08
20.5	24,840,446	263,089	0.01059	0.98941	96.98
21.5	24,135,119	15,809	0.00066	0.99934	95.95
22.5	20,277,175	21,119	0.00104	0.99896	95.89
23.5	19,679,148	72,115	0.00366	0.99634	95.79
24.5	18,925,204	307,141	0.01623	0.98377	95.44
25.5	18,113,977	27,713	0.00153	0.99847	93.89
26.5	17,563,570	108,064	0.00615	0.99385	93.75

Newfoundland and Labrador Hydro

Account C14 - Conductor - Distribution

Placement Band - 1971 - 2024   Experience Band - 1991 - 2024

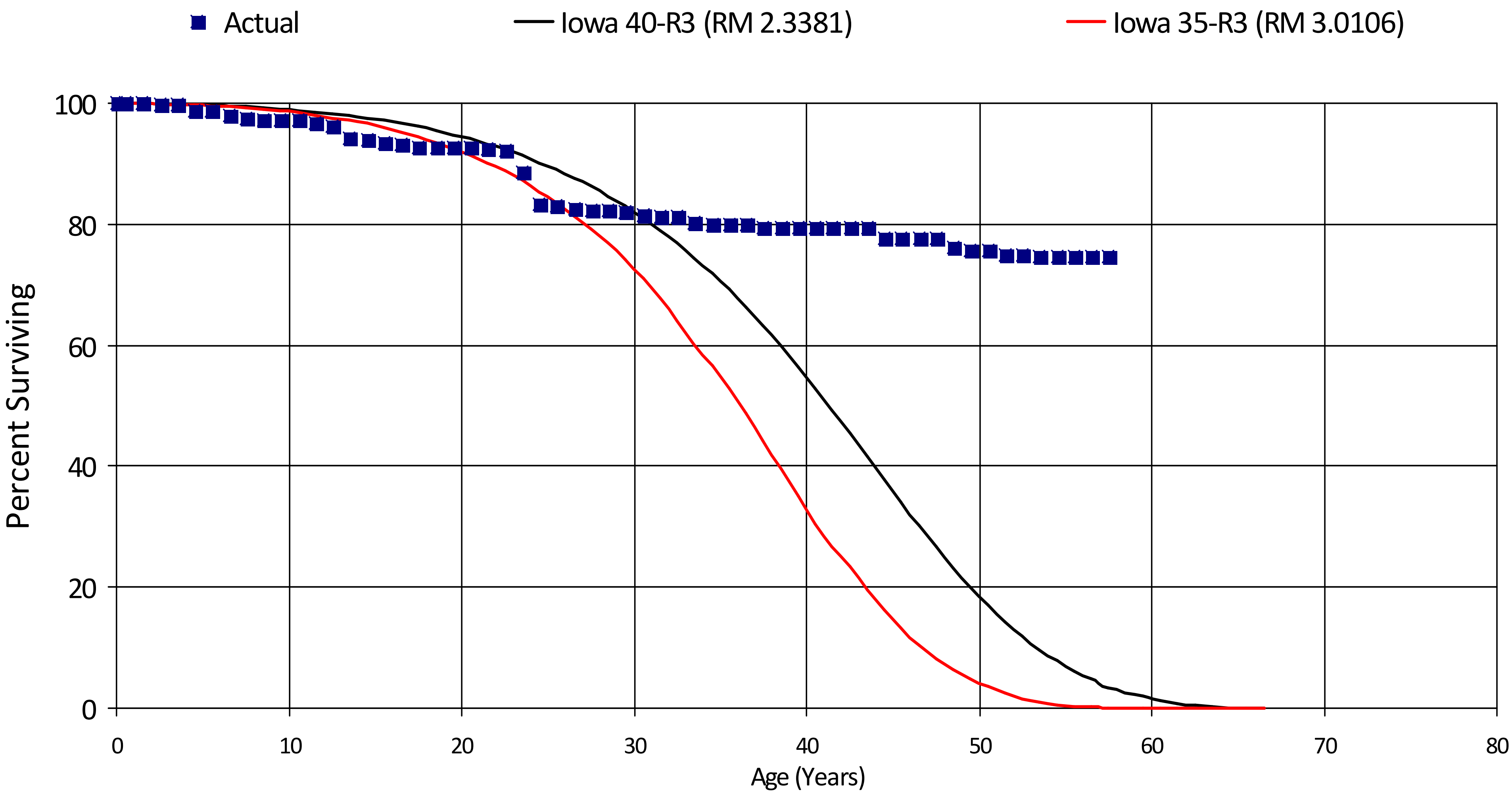
27.5	16,071,338	14,231	0.00089	0.99911	93.17
28.5	15,324,946	271,470	0.01771	0.98229	93.09
29.5	14,293,148	36,317	0.00254	0.99746	91.44
30.5	13,733,894	272,343	0.01983	0.98017	91.21
31.5	12,747,616	297,218	0.02332	0.97668	89.40
32.5	12,241,374	11,863	0.00097	0.99903	87.32
33.5	11,566,899	13,228	0.00114	0.99886	87.24
34.5	10,755,385	5,939	0.00055	0.99945	87.14
35.5	9,481,862	22	0.00000	1.00000	87.09
36.5	8,570,882	165	0.00002	0.99998	87.09
37.5	7,666,579	718	0.00009	0.99991	87.09
38.5	7,017,682	0	0.00000	1.00000	87.08
39.5	5,886,542	1	0.00000	1.00000	87.08
40.5	5,055,132	0	0.00000	1.00000	87.08
41.5	4,689,150	0	0.00000	1.00000	87.08
42.5	4,370,115	0	0.00000	1.00000	87.08
43.5	684,485	0	0.00000	1.00000	87.08
44.5	4,409	0	0.00000	1.00000	87.08
45.5	4,409	0	0.00000	1.00000	87.08
46.5	4,409	0	0.00000	1.00000	87.08
47.5	3,753	0	0.00000	1.00000	87.08
48.5	3,753	0	0.00000	1.00000	87.08
49.5	3,753	0	0.00000	1.00000	87.08
50.5	3,753	0	0.00000	1.00000	87.08
51.5	3,753	0	0.00000	1.00000	87.08
52.5	3,753	0	0.00000	1.00000	87.08
	Totals:	2,643,829			

Newfoundland and Labrador Hydro

Account C15 - Control, Meter, Relaying

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	63,203,896	0	0.00000	1.00000	100.00
0.5	61,693,724	13,320	0.00022	0.99978	100.00
1.5	61,209,390	152,676	0.00249	0.99751	99.98
2.5	57,778,307	40,934	0.00071	0.99929	99.73
3.5	54,146,784	475,244	0.00878	0.99122	99.66
4.5	48,205,713	788	0.00002	0.99998	98.78
5.5	44,199,801	398,120	0.00901	0.99099	98.78
6.5	37,367,793	167,980	0.00450	0.99550	97.89
7.5	31,809,456	51,271	0.00161	0.99839	97.45
8.5	29,242,772	51,041	0.00175	0.99825	97.29
9.5	22,958,393	0	0.00000	1.00000	97.12
10.5	22,599,761	84,209	0.00373	0.99627	97.12
11.5	21,710,005	126,533	0.00583	0.99417	96.76
12.5	20,697,472	465,613	0.02250	0.97750	96.20
13.5	19,781,838	35,163	0.00178	0.99822	94.04
14.5	19,289,345	81,793	0.00424	0.99576	93.87
15.5	18,590,369	80,152	0.00431	0.99569	93.47
16.5	18,331,781	62,522	0.00341	0.99659	93.07
17.5	18,269,258	2,726	0.00015	0.99985	92.75
18.5	18,031,438	0	0.00000	1.00000	92.74
19.5	17,622,065	13,424	0.00076	0.99924	92.74
20.5	17,239,917	55,274	0.00321	0.99679	92.67
21.5	16,737,889	55,438	0.00331	0.99669	92.37
22.5	16,443,395	609,220	0.03705	0.96295	92.06
23.5	14,883,716	904,790	0.06079	0.93921	88.65
24.5	13,345,674	59,440	0.00445	0.99555	83.26
25.5	12,813,619	80,706	0.00630	0.99370	82.89
26.5	12,608,734	28,038	0.00222	0.99778	82.37

Account C15 - Control, Meter, Relaying

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

27.5	12,052,435	2,980	0.00025	0.99975	82.19
28.5	11,757,580	16,763	0.00143	0.99857	82.17
29.5	10,710,112	91,253	0.00852	0.99148	82.05
30.5	10,210,889	23,756	0.00233	0.99767	81.35
31.5	10,129,357	5,721	0.00056	0.99944	81.16
32.5	9,075,010	94,144	0.01037	0.98963	81.11
33.5	8,671,133	22,609	0.00261	0.99739	80.27
34.5	7,878,504	21,753	0.00276	0.99724	80.06
35.5	7,449,342	1,302	0.00017	0.99983	79.84
36.5	7,186,939	33,134	0.00461	0.99539	79.83
37.5	6,818,038	187	0.00003	0.99997	79.46
38.5	6,480,886	15	0.00000	1.00000	79.46
39.5	6,243,837	0	0.00000	1.00000	79.46
40.5	6,150,849	0	0.00000	1.00000	79.46
41.5	5,762,787	9,772	0.00170	0.99830	79.46
42.5	5,104,245	0	0.00000	1.00000	79.32
43.5	4,938,728	99,116	0.02007	0.97993	79.32
44.5	4,384,396	0	0.00000	1.00000	77.73
45.5	4,104,635	0	0.00000	1.00000	77.73
46.5	3,731,382	6,399	0.00171	0.99829	77.73
47.5	3,543,285	62,541	0.01765	0.98235	77.60
48.5	3,465,175	28,439	0.00821	0.99179	76.23
49.5	2,841,571	0	0.00000	1.00000	75.60
50.5	2,720,608	29,198	0.01073	0.98927	75.60
51.5	2,691,410	0	0.00000	1.00000	74.79
52.5	2,691,410	8,468	0.00315	0.99685	74.79
53.5	2,682,942	0	0.00000	1.00000	74.55
54.5	2,291,310	0	0.00000	1.00000	74.55
55.5	2,275,632	0	0.00000	1.00000	74.55
56.5	2,147,651	0	0.00000	1.00000	74.55
57.5	11,395	0	0.00000	1.00000	74.55

Newfoundland and Labrador Hydro

Account C15 - Control, Meter, Relaying

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

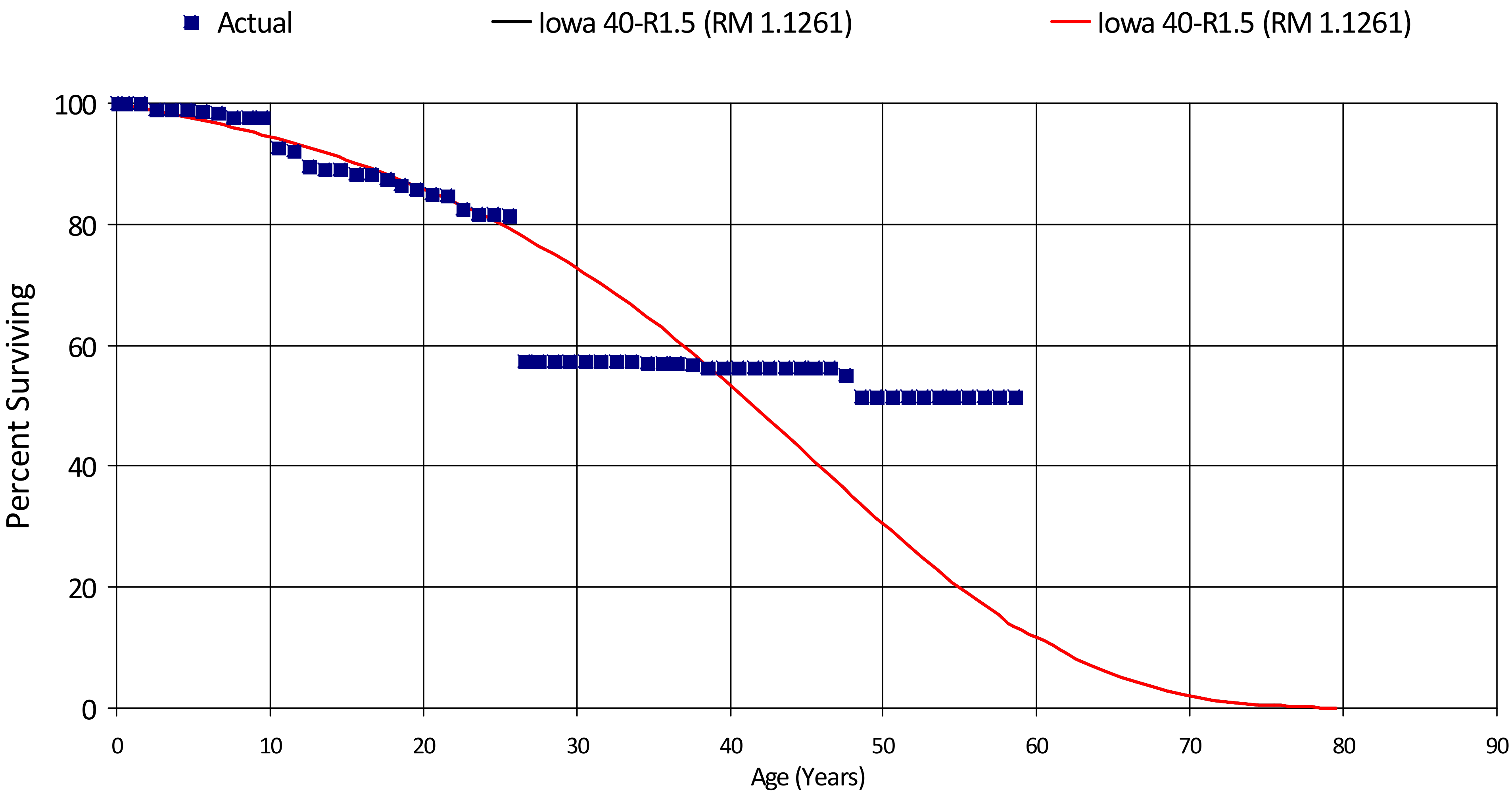
Totals:	4,653,965

Newfoundland and Labrador Hydro

Account C16 - Cooling Systems and Water Supply Systems

Placement Band - 1965 - 2024 Experience Band - 1993 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	26,558,948	0	0.00000	1.00000	100.00
0.5	25,913,242	0	0.00000	1.00000	100.00
1.5	24,866,626	266,116	0.01070	0.98930	100.00
2.5	24,078,532	0	0.00000	1.00000	98.93
3.5	23,330,466	0	0.00000	1.00000	98.93
4.5	21,890,345	61,217	0.00280	0.99720	98.93
5.5	21,310,505	21,639	0.00102	0.99898	98.65
6.5	17,769,543	161,135	0.00907	0.99093	98.55
7.5	15,843,643	0	0.00000	1.00000	97.66
8.5	15,293,943	0	0.00000	1.00000	97.66
9.5	11,573,612	597,757	0.05165	0.94835	97.66
10.5	10,668,817	61,916	0.00580	0.99420	92.62
11.5	8,676,529	234,028	0.02697	0.97303	92.08
12.5	8,442,501	42,775	0.00507	0.99493	89.60
13.5	8,009,445	0	0.00000	1.00000	89.15
14.5	7,660,684	60,521	0.00790	0.99210	89.15
15.5	7,138,053	8,794	0.00123	0.99877	88.45
16.5	6,744,229	57,373	0.00851	0.99149	88.34
17.5	6,587,090	87,207	0.01324	0.98676	87.59
18.5	6,455,596	45,234	0.00701	0.99299	86.43
19.5	6,342,653	50,693	0.00799	0.99201	85.82
20.5	6,291,960	27,142	0.00431	0.99569	85.13
21.5	4,967,450	133,717	0.02692	0.97308	84.76
22.5	4,794,378	36,960	0.00771	0.99229	82.48
23.5	4,757,418	0	0.00000	1.00000	81.84
24.5	4,678,214	15,494	0.00331	0.99669	81.84
25.5	4,644,603	1,376,970	0.29647	0.70353	81.57
26.5	2,904,855	0	0.00000	1.00000	57.39

Account C16 - Cooling Systems and Water Supply Systems

Placement Band - 1965 - 2024 Experience Band - 1993 - 2024

27.5	2,904,855	364	0.00013	0.99987	57.39
28.5	2,865,132	3,483	0.00122	0.99878	57.38
29.5	2,675,478	0	0.00000	1.00000	57.31
30.5	2,597,541	0	0.00000	1.00000	57.31
31.5	2,581,595	0	0.00000	1.00000	57.31
32.5	2,455,542	1,500	0.00061	0.99939	57.31
33.5	2,425,734	3,274	0.00135	0.99865	57.28
34.5	2,377,556	7,916	0.00333	0.99667	57.20
35.5	2,109,971	0	0.00000	1.00000	57.01
36.5	1,984,056	6,231	0.00314	0.99686	57.01
37.5	1,937,802	14,120	0.00729	0.99271	56.83
38.5	1,913,323	0	0.00000	1.00000	56.42
39.5	1,586,583	1,155	0.00073	0.99927	56.42
40.5	1,336,120	0	0.00000	1.00000	56.38
41.5	1,327,182	0	0.00000	1.00000	56.38
42.5	1,161,130	0	0.00000	1.00000	56.38
43.5	1,119,390	1,101	0.00098	0.99902	56.38
44.5	1,079,620	0	0.00000	1.00000	56.32
45.5	775,631	0	0.00000	1.00000	56.32
46.5	722,975	16,854	0.02331	0.97669	56.32
47.5	389,947	25,000	0.06411	0.93589	55.01
48.5	351,940	0	0.00000	1.00000	51.48
49.5	351,940	0	0.00000	1.00000	51.48
50.5	351,940	0	0.00000	1.00000	51.48
51.5	332,601	0	0.00000	1.00000	51.48
52.5	332,601	0	0.00000	1.00000	51.48
53.5	322,855	0	0.00000	1.00000	51.48
54.5	317,077	0	0.00000	1.00000	51.48
55.5	236,314	0	0.00000	1.00000	51.48
56.5	225,790	0	0.00000	1.00000	51.48
57.5	215,751	0	0.00000	1.00000	51.48

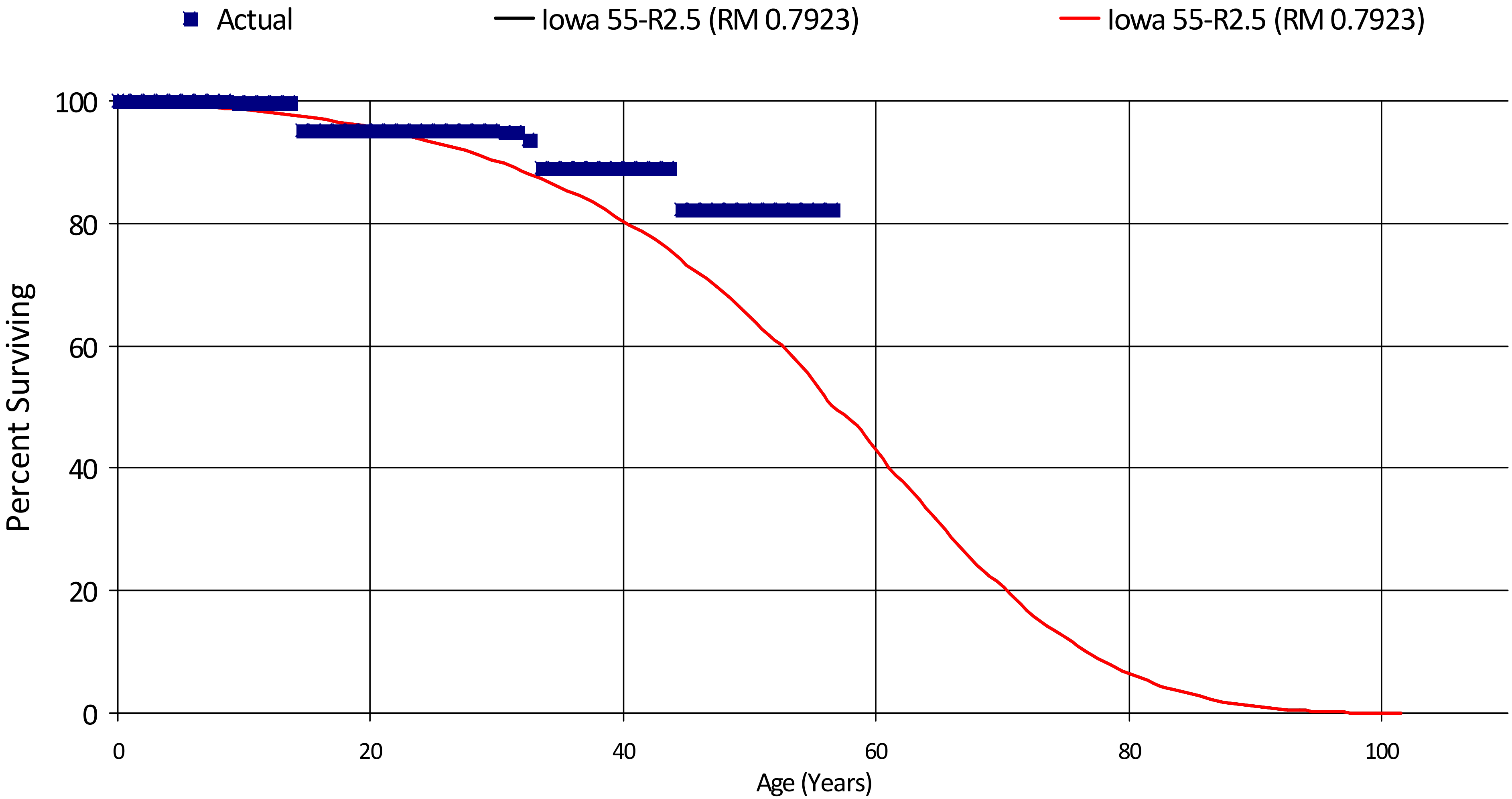
58.5	43,528	0	0.00000	1.00000	51.48
	Totals:	3,427,686			

Newfoundland and Labrador Hydro

Account C17 - Counterpoise

Placement Band - 1967 - 2024   Experience Band - 2001 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	7,223,877	0	0.00000	1.00000	100.00
0.5	7,223,877	0	0.00000	1.00000	100.00
1.5	7,223,877	0	0.00000	1.00000	100.00
2.5	7,223,877	0	0.00000	1.00000	100.00
3.5	7,223,877	0	0.00000	1.00000	100.00
4.5	7,223,877	0	0.00000	1.00000	100.00
5.5	7,223,877	0	0.00000	1.00000	100.00
6.5	6,862,727	0	0.00000	1.00000	100.00
7.5	3,807,565	0	0.00000	1.00000	100.00
8.5	3,807,565	5,928	0.00156	0.99844	100.00
9.5	3,801,637	0	0.00000	1.00000	99.84
10.5	3,801,637	0	0.00000	1.00000	99.84
11.5	3,801,637	0	0.00000	1.00000	99.84
12.5	3,801,637	5,192	0.00137	0.99863	99.84
13.5	3,796,445	176,142	0.04640	0.95360	99.70
14.5	3,620,303	0	0.00000	1.00000	95.07
15.5	3,620,303	0	0.00000	1.00000	95.07
16.5	3,620,303	0	0.00000	1.00000	95.07
17.5	3,620,303	0	0.00000	1.00000	95.07
18.5	3,620,303	0	0.00000	1.00000	95.07
19.5	3,620,303	0	0.00000	1.00000	95.07
20.5	3,620,303	0	0.00000	1.00000	95.07
21.5	3,267,393	0	0.00000	1.00000	95.07
22.5	3,086,189	0	0.00000	1.00000	95.07
23.5	2,869,337	0	0.00000	1.00000	95.07
24.5	2,588,549	0	0.00000	1.00000	95.07
25.5	2,585,391	0	0.00000	1.00000	95.07
26.5	2,585,391	0	0.00000	1.00000	95.07

Newfoundland and Labrador Hydro

Account C17 - Counterpoise

Placement Band - 1967 - 2024   Experience Band - 2001 - 2024

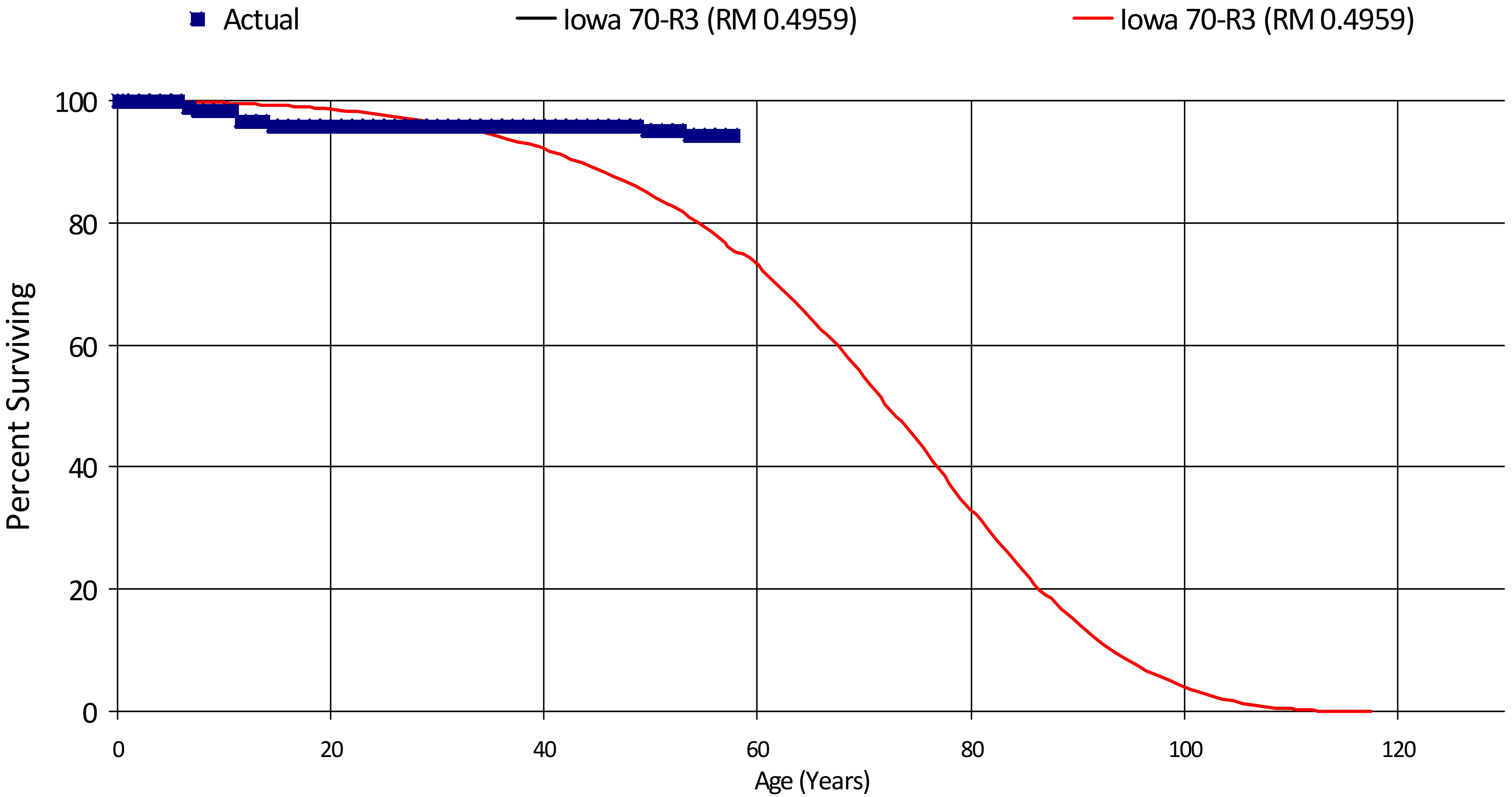
27.5	2,536,948	0	0.00000	1.00000	95.07
28.5	2,519,062	0	0.00000	1.00000	95.07
29.5	2,500,051	4,514	0.00181	0.99819	95.07
30.5	2,164,138	0	0.00000	1.00000	94.90
31.5	1,798,869	21,504	0.01195	0.98805	94.90
32.5	1,615,541	78,963	0.04888	0.95112	93.77
33.5	1,536,019	0	0.00000	1.00000	89.19
34.5	1,501,847	0	0.00000	1.00000	89.19
35.5	1,354,185	0	0.00000	1.00000	89.19
36.5	1,139,067	0	0.00000	1.00000	89.19
37.5	1,127,950	0	0.00000	1.00000	89.19
38.5	1,021,146	0	0.00000	1.00000	89.19
39.5	806,495	0	0.00000	1.00000	89.19
40.5	806,495	0	0.00000	1.00000	89.19
41.5	790,969	0	0.00000	1.00000	89.19
42.5	763,426	0	0.00000	1.00000	89.19
43.5	753,920	58,931	0.07817	0.92183	89.19
44.5	694,989	0	0.00000	1.00000	82.22
45.5	694,989	0	0.00000	1.00000	82.22
46.5	694,989	0	0.00000	1.00000	82.22
47.5	694,989	0	0.00000	1.00000	82.22
48.5	694,989	0	0.00000	1.00000	82.22
49.5	694,989	0	0.00000	1.00000	82.22
50.5	679,437	0	0.00000	1.00000	82.22
51.5	679,437	0	0.00000	1.00000	82.22
52.5	679,437	0	0.00000	1.00000	82.22
53.5	679,437	0	0.00000	1.00000	82.22
54.5	678,891	0	0.00000	1.00000	82.22
55.5	678,891	0	0.00000	1.00000	82.22
56.5	431,098	0	0.00000	1.00000	82.22
	Totals:	351,174			

Newfoundland and Labrador Hydro

Account C18 - Cranes

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



Account C18 - Cranes

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	9,686,035	0	0.00000	1.00000	100.00
0.5	9,686,035	0	0.00000	1.00000	100.00
1.5	9,024,266	0	0.00000	1.00000	100.00
2.5	8,296,269	0	0.00000	1.00000	100.00
3.5	7,807,000	0	0.00000	1.00000	100.00
4.5	7,785,158	0	0.00000	1.00000	100.00
5.5	7,366,000	75,734	0.01028	0.98972	100.00
6.5	7,290,266	31,583	0.00433	0.99567	98.97
7.5	7,223,256	0	0.00000	1.00000	98.54
8.5	6,642,649	0	0.00000	1.00000	98.54
9.5	6,629,207	4,823	0.00073	0.99927	98.54
10.5	6,592,801	123,081	0.01867	0.98133	98.47
11.5	6,469,720	0	0.00000	1.00000	96.63
12.5	6,469,720	0	0.00000	1.00000	96.63
13.5	6,469,720	42,281	0.00654	0.99346	96.63
14.5	6,427,439	0	0.00000	1.00000	96.00
15.5	6,427,439	0	0.00000	1.00000	96.00
16.5	6,412,250	0	0.00000	1.00000	96.00
17.5	6,412,250	0	0.00000	1.00000	96.00
18.5	6,318,348	0	0.00000	1.00000	96.00
19.5	6,318,348	0	0.00000	1.00000	96.00
20.5	6,318,348	0	0.00000	1.00000	96.00
21.5	4,758,198	0	0.00000	1.00000	96.00
22.5	4,749,783	0	0.00000	1.00000	96.00
23.5	4,749,783	0	0.00000	1.00000	96.00
24.5	4,749,783	0	0.00000	1.00000	96.00
25.5	4,749,783	0	0.00000	1.00000	96.00
26.5	4,749,783	0	0.00000	1.00000	96.00

Newfoundland and Labrador Hydro

Account C18 - Cranes

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

27.5	4,749,783	0	0.00000	1.00000	96.00
28.5	4,743,576	2,035	0.00043	0.99957	96.00
29.5	4,737,759	0	0.00000	1.00000	95.96
30.5	4,737,759	0	0.00000	1.00000	95.96
31.5	4,737,759	0	0.00000	1.00000	95.96
32.5	4,737,759	0	0.00000	1.00000	95.96
33.5	4,737,759	0	0.00000	1.00000	95.96
34.5	4,737,759	0	0.00000	1.00000	95.96
35.5	4,713,959	0	0.00000	1.00000	95.96
36.5	4,409,353	0	0.00000	1.00000	95.96
37.5	4,409,353	0	0.00000	1.00000	95.96
38.5	4,409,353	0	0.00000	1.00000	95.96
39.5	4,285,735	0	0.00000	1.00000	95.96
40.5	3,291,778	3,587	0.00109	0.99891	95.96
41.5	3,288,192	0	0.00000	1.00000	95.86
42.5	1,790,534	0	0.00000	1.00000	95.86
43.5	1,790,534	0	0.00000	1.00000	95.86
44.5	1,655,268	0	0.00000	1.00000	95.86
45.5	1,057,691	0	0.00000	1.00000	95.86
46.5	1,057,691	0	0.00000	1.00000	95.86
47.5	1,057,691	0	0.00000	1.00000	95.86
48.5	1,057,691	7,220	0.00683	0.99317	95.86
49.5	1,050,471	0	0.00000	1.00000	95.21
50.5	1,050,471	0	0.00000	1.00000	95.21
51.5	1,050,471	0	0.00000	1.00000	95.21
52.5	1,050,471	7,798	0.00742	0.99258	95.21
53.5	1,042,673	0	0.00000	1.00000	94.50
54.5	1,042,673	0	0.00000	1.00000	94.50
55.5	808,666	0	0.00000	1.00000	94.50
56.5	808,666	0	0.00000	1.00000	94.50
57.5	658,978	0	0.00000	1.00000	94.50

Newfoundland and Labrador Hydro

Account C18 - Cranes

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

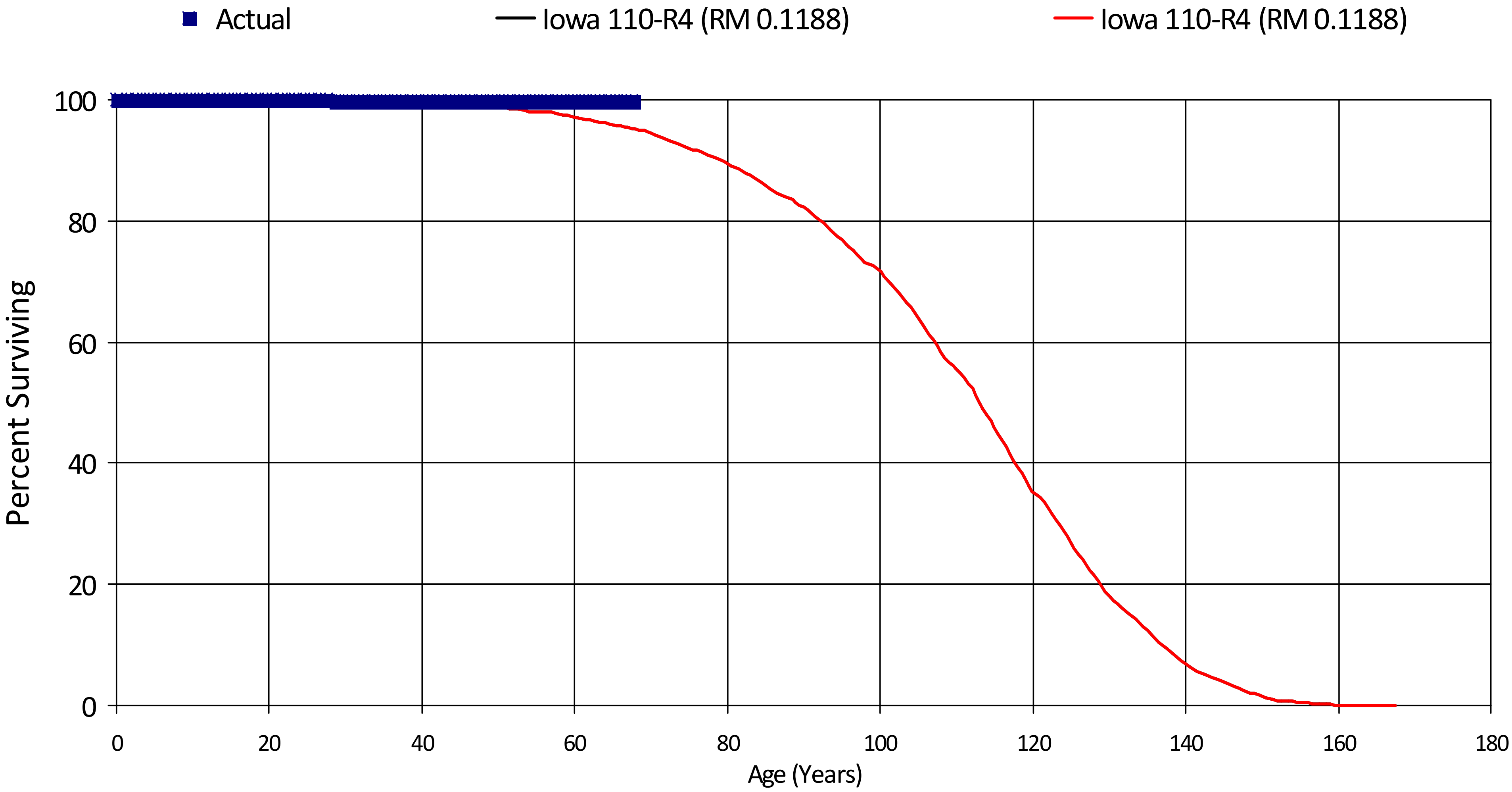
Totals:	298,142

Newfoundland and Labrador Hydro

Account D01 - Dams, Dykes, Canals, and Tunnels

Placement Band - 1956 - 2024   Experience Band - 2012 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	365,293,944	0	0.00000	1.00000	100.00
0.5	365,193,883	0	0.00000	1.00000	100.00
1.5	364,671,813	0	0.00000	1.00000	100.00
2.5	364,671,813	0	0.00000	1.00000	100.00
3.5	364,410,406	0	0.00000	1.00000	100.00
4.5	364,005,847	0	0.00000	1.00000	100.00
5.5	363,016,305	0	0.00000	1.00000	100.00
6.5	362,988,725	0	0.00000	1.00000	100.00
7.5	362,935,402	0	0.00000	1.00000	100.00
8.5	362,584,322	0	0.00000	1.00000	100.00
9.5	362,584,322	0	0.00000	1.00000	100.00
10.5	362,426,015	0	0.00000	1.00000	100.00
11.5	362,426,015	0	0.00000	1.00000	100.00
12.5	361,123,029	0	0.00000	1.00000	100.00
13.5	361,123,029	0	0.00000	1.00000	100.00
14.5	360,626,143	0	0.00000	1.00000	100.00
15.5	359,921,966	0	0.00000	1.00000	100.00
16.5	359,921,966	0	0.00000	1.00000	100.00
17.5	359,921,966	0	0.00000	1.00000	100.00
18.5	359,921,966	0	0.00000	1.00000	100.00
19.5	357,058,683	0	0.00000	1.00000	100.00
20.5	357,058,683	0	0.00000	1.00000	100.00
21.5	328,839,647	0	0.00000	1.00000	100.00
22.5	328,839,647	0	0.00000	1.00000	100.00
23.5	328,839,647	0	0.00000	1.00000	100.00
24.5	328,839,647	0	0.00000	1.00000	100.00
25.5	328,839,647	0	0.00000	1.00000	100.00
26.5	328,839,647	0	0.00000	1.00000	100.00

Account D01 - Dams, Dykes, Canals, and Tunnels

Placement Band - 1956 - 2024   Experience Band - 2012 - 2024

27.5	328,839,647	677,266	0.00206	0.99794	100.00
28.5	328,162,382	0	0.00000	1.00000	99.79
29.5	328,162,382	0	0.00000	1.00000	99.79
30.5	328,162,382	134	0.00000	1.00000	99.79
31.5	328,157,535	0	0.00000	1.00000	99.79
32.5	328,119,525	0	0.00000	1.00000	99.79
33.5	328,119,525	9,686	0.00003	0.99997	99.79
34.5	328,109,840	0	0.00000	1.00000	99.79
35.5	327,606,751	0	0.00000	1.00000	99.79
36.5	315,614,419	0	0.00000	1.00000	99.79
37.5	315,614,419	0	0.00000	1.00000	99.79
38.5	315,565,616	0	0.00000	1.00000	99.79
39.5	304,570,057	0	0.00000	1.00000	99.79
40.5	191,445,420	184,942	0.00097	0.99903	99.79
41.5	169,576,210	0	0.00000	1.00000	99.69
42.5	114,996,186	0	0.00000	1.00000	99.69
43.5	114,996,186	0	0.00000	1.00000	99.69
44.5	106,262,575	3,146	0.00003	0.99997	99.69
45.5	79,304,885	0	0.00000	1.00000	99.69
46.5	75,660,499	0	0.00000	1.00000	99.69
47.5	75,660,499	0	0.00000	1.00000	99.69
48.5	75,660,499	116	0.00000	1.00000	99.69
49.5	75,660,383	1,117	0.00001	0.99999	99.69
50.5	75,659,266	0	0.00000	1.00000	99.69
51.5	75,659,266	0	0.00000	1.00000	99.69
52.5	75,659,266	0	0.00000	1.00000	99.69
53.5	75,659,266	0	0.00000	1.00000	99.69
54.5	70,759,441	0	0.00000	1.00000	99.69
55.5	70,613,217	0	0.00000	1.00000	99.69
56.5	70,613,217	0	0.00000	1.00000	99.69
57.5	43,481,252	0	0.00000	1.00000	99.69

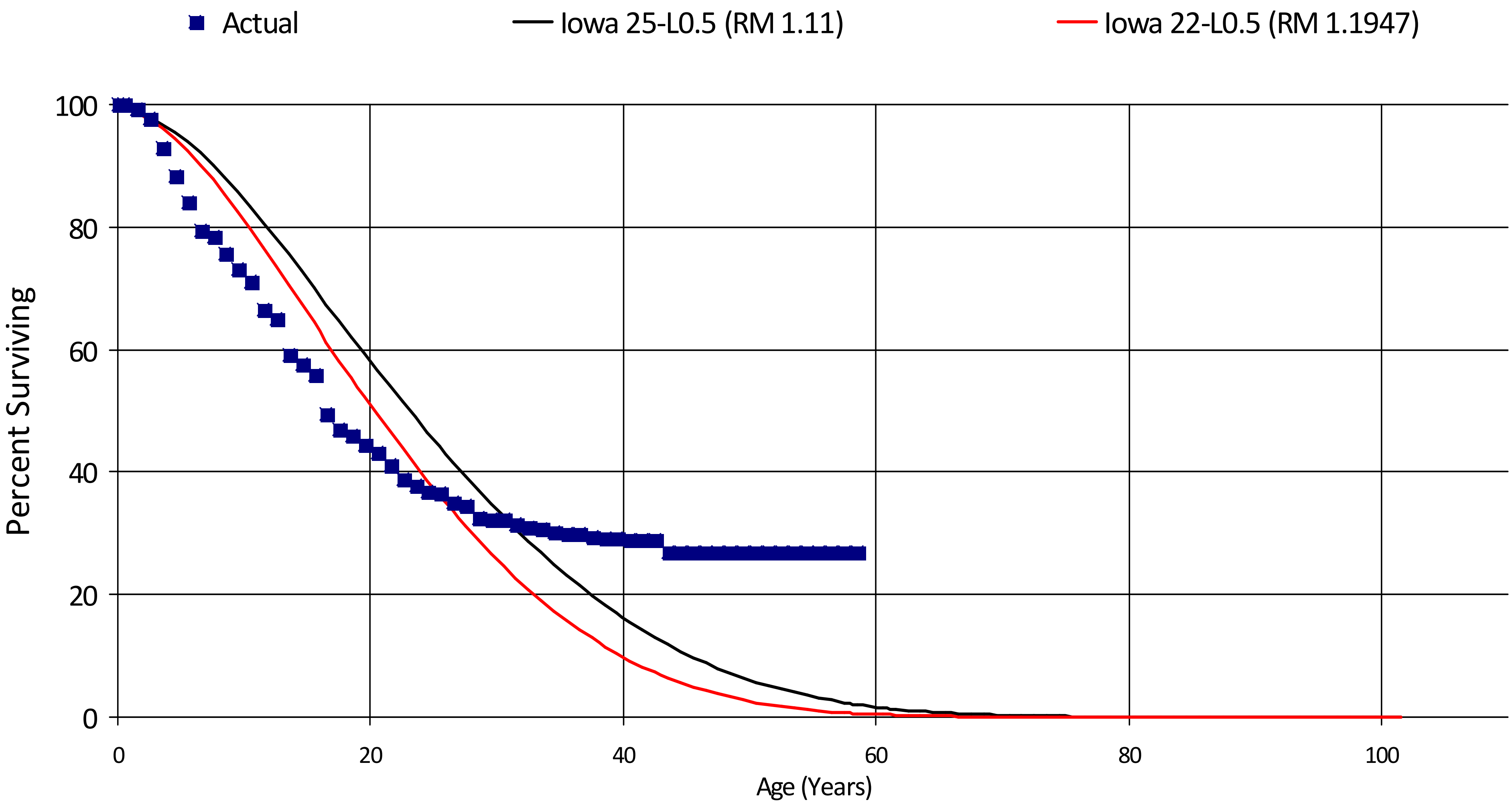
58.5	615,306	0	0.00000	1.00000	99.69
59.5	615,306	0	0.00000	1.00000	99.69
60.5	615,306	0	0.00000	1.00000	99.69
61.5	615,306	0	0.00000	1.00000	99.69
62.5	615,306	0	0.00000	1.00000	99.69
63.5	615,306	0	0.00000	1.00000	99.69
64.5	615,306	0	0.00000	1.00000	99.69
65.5	615,306	0	0.00000	1.00000	99.69
66.5	615,306	0	0.00000	1.00000	99.69
67.5	615,306	0	0.00000	1.00000	99.69
	Totals:	876,407			

Newfoundland and Labrador Hydro

Account D02 - Diesel Systems and Engines

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	100,066,551	0	0.00000	1.00000	100.00
0.5	92,373,997	768,631	0.00832	0.99168	100.00
1.5	86,279,109	1,336,236	0.01549	0.98451	99.17
2.5	80,858,262	3,881,854	0.04801	0.95199	97.63
3.5	73,111,034	3,684,714	0.05040	0.94960	92.94
4.5	64,188,192	3,010,866	0.04691	0.95309	88.26
5.5	57,973,512	3,148,382	0.05431	0.94569	84.12
6.5	49,609,521	651,782	0.01314	0.98686	79.55
7.5	45,641,819	1,602,142	0.03510	0.96490	78.50
8.5	41,312,803	1,425,768	0.03451	0.96549	75.74
9.5	35,679,607	951,542	0.02667	0.97333	73.13
10.5	33,896,174	2,236,828	0.06599	0.93401	71.18
11.5	31,254,322	766,275	0.02452	0.97548	66.48
12.5	29,934,100	2,665,650	0.08905	0.91095	64.85
13.5	27,175,270	675,397	0.02485	0.97515	59.08
14.5	26,274,970	862,116	0.03281	0.96719	57.61
15.5	24,446,842	2,719,688	0.11125	0.88875	55.72
16.5	21,727,153	1,153,255	0.05308	0.94692	49.52
17.5	19,940,070	372,434	0.01868	0.98132	46.89
18.5	19,307,705	665,916	0.03449	0.96551	46.01
19.5	17,473,538	506,082	0.02896	0.97104	44.42
20.5	16,967,456	742,250	0.04375	0.95625	43.13
21.5	16,185,815	918,173	0.05673	0.94327	41.24
22.5	14,377,827	399,249	0.02777	0.97223	38.90
23.5	12,679,247	330,477	0.02606	0.97394	37.82
24.5	11,610,457	110,149	0.00949	0.99051	36.83
25.5	11,295,082	425,078	0.03763	0.96237	36.48
26.5	10,234,209	189,629	0.01853	0.98147	35.11

Account D02 - Diesel Systems and Engines

Placement Band - 1965 - 2024 Experience Band - 1991 - 2024

27.5	9,036,147	504,712	0.05585	0.94415	34.46
28.5	8,001,358	63,530	0.00794	0.99206	32.54
29.5	7,371,509	9,851	0.00134	0.99866	32.28
30.5	6,677,015	141,266	0.02116	0.97884	32.24
31.5	6,484,113	130,421	0.02011	0.97989	31.56
32.5	6,328,161	48,702	0.00770	0.99230	30.93
33.5	6,099,741	105,997	0.01738	0.98262	30.69
34.5	5,712,664	41,778	0.00731	0.99269	30.16
35.5	5,606,828	0	0.00000	1.00000	29.94
36.5	5,523,022	100,048	0.01811	0.98189	29.94
37.5	5,381,050	42,474	0.00789	0.99211	29.40
38.5	5,184,081	0	0.00000	1.00000	29.17
39.5	5,184,081	63,514	0.01225	0.98775	29.17
40.5	4,783,473	0	0.00000	1.00000	28.81
41.5	3,545,473	0	0.00000	1.00000	28.81
42.5	2,672,304	177,189	0.06631	0.93369	28.81
43.5	2,077,038	0	0.00000	1.00000	26.90
44.5	1,045,185	0	0.00000	1.00000	26.90
45.5	1,045,185	0	0.00000	1.00000	26.90
46.5	1,045,185	0	0.00000	1.00000	26.90
47.5	1,045,185	0	0.00000	1.00000	26.90
48.5	1,045,185	0	0.00000	1.00000	26.90
49.5	1,045,185	0	0.00000	1.00000	26.90
50.5	1,045,185	0	0.00000	1.00000	26.90
51.5	650,381	0	0.00000	1.00000	26.90
52.5	650,381	0	0.00000	1.00000	26.90
53.5	650,381	0	0.00000	1.00000	26.90
54.5	650,381	0	0.00000	1.00000	26.90
55.5	650,381	0	0.00000	1.00000	26.90
56.5	644,462	0	0.00000	1.00000	26.90
57.5	644,462	0	0.00000	1.00000	26.90

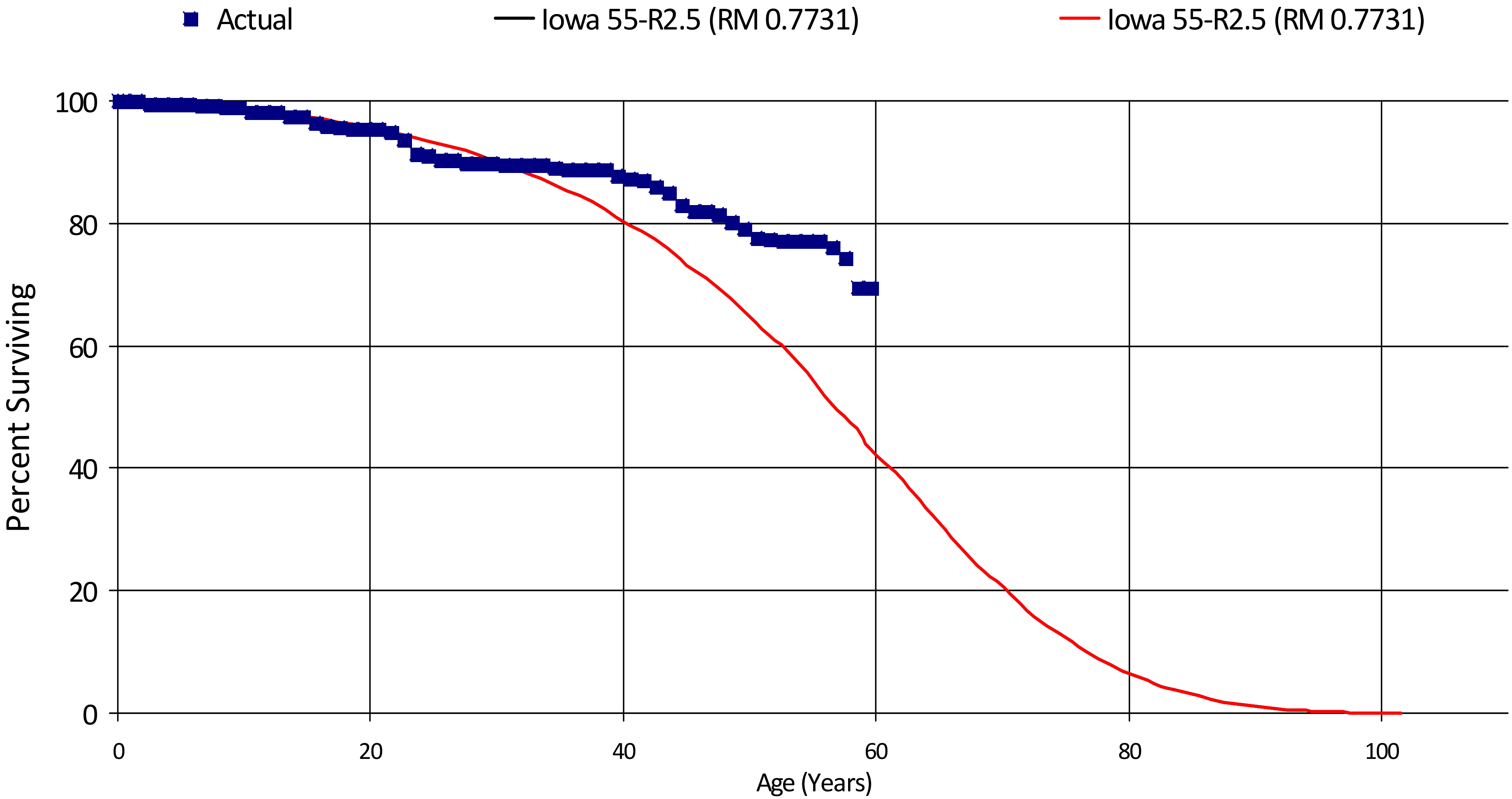
58.5	644,462	0	0.00000	1.00000	26.90
	Totals:	37,630,045			

Newfoundland and Labrador Hydro

Account D03 - Disconnect Switches

Placement Band - 1964 - 2024   Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



Account D03 - Disconnect Switches

Placement Band - 1964 - 2024   Experience Band - 1992 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	37,977,034	0	0.00000	1.00000	100.00
0.5	35,980,534	0	0.00000	1.00000	100.00
1.5	35,210,808	184,368	0.00524	0.99476	100.00
2.5	33,315,838	0	0.00000	1.00000	99.48
3.5	31,735,816	3,225	0.00010	0.99990	99.48
4.5	29,924,548	0	0.00000	1.00000	99.47
5.5	27,642,916	47,259	0.00171	0.99829	99.47
6.5	25,870,617	33,780	0.00131	0.99869	99.30
7.5	19,184,507	56,051	0.00292	0.99708	99.17
8.5	17,051,915	0	0.00000	1.00000	98.88
9.5	13,526,108	86,743	0.00641	0.99359	98.88
10.5	12,939,407	15,202	0.00117	0.99883	98.25
11.5	11,842,244	0	0.00000	1.00000	98.14
12.5	10,525,298	78,638	0.00747	0.99253	98.14
13.5	9,327,892	5,635	0.00060	0.99940	97.41
14.5	9,317,956	93,634	0.01005	0.98995	97.35
15.5	8,691,987	38,816	0.00447	0.99553	96.37
16.5	8,653,171	21,936	0.00254	0.99746	95.94
17.5	8,631,234	23,700	0.00275	0.99725	95.70
18.5	8,575,999	0	0.00000	1.00000	95.44
19.5	8,405,309	0	0.00000	1.00000	95.44
20.5	8,262,228	33,961	0.00411	0.99589	95.44
21.5	8,126,817	122,966	0.01513	0.98487	95.05
22.5	7,834,680	184,716	0.02358	0.97642	93.61
23.5	7,581,028	28,832	0.00380	0.99620	91.40
24.5	7,486,399	57,499	0.00768	0.99232	91.05
25.5	7,428,900	10,004	0.00135	0.99865	90.35
26.5	7,252,755	29,781	0.00411	0.99589	90.23

Newfoundland and Labrador Hydro

Account D03 - Disconnect Switches

Placement Band - 1964 - 2024 Experience Band - 1992 - 2024

27.5	7,192,444	0	0.00000	1.00000	89.86
28.5	6,932,367	4,308	0.00062	0.99938	89.86
29.5	6,505,688	9,658	0.00148	0.99852	89.80
30.5	6,460,302	4,025	0.00062	0.99938	89.67
31.5	6,444,294	2,660	0.00041	0.99959	89.61
32.5	6,210,604	1,339	0.00022	0.99978	89.57
33.5	6,179,319	36,038	0.00583	0.99417	89.55
34.5	5,668,724	9,267	0.00163	0.99837	89.03
35.5	5,156,691	4,718	0.00091	0.99909	88.88
36.5	5,027,466	1,802	0.00036	0.99964	88.80
37.5	4,873,963	1,368	0.00028	0.99972	88.77
38.5	4,840,850	55,197	0.01140	0.98860	88.75
39.5	4,769,739	29,400	0.00616	0.99384	87.74
40.5	4,685,844	5,338	0.00114	0.99886	87.20
41.5	4,636,422	50,150	0.01082	0.98918	87.10
42.5	4,307,173	60,996	0.01416	0.98584	86.16
43.5	4,112,400	88,308	0.02147	0.97853	84.94
44.5	3,750,036	47,770	0.01274	0.98726	83.12
45.5	3,659,954	8,964	0.00245	0.99755	82.06
46.5	3,420,207	17,165	0.00502	0.99498	81.86
47.5	3,133,082	48,438	0.01546	0.98454	81.45
48.5	3,064,619	34,567	0.01128	0.98872	80.19
49.5	2,877,485	55,113	0.01915	0.98085	79.29
50.5	2,752,759	9,924	0.00361	0.99639	77.77
51.5	2,742,834	7,802	0.00284	0.99716	77.49
52.5	2,504,141	0	0.00000	1.00000	77.27
53.5	2,274,413	2,367	0.00104	0.99896	77.27
54.5	1,221,168	0	0.00000	1.00000	77.19
55.5	1,064,032	15,898	0.01494	0.98506	77.19
56.5	772,701	17,437	0.02257	0.97743	76.04
57.5	204,760	13,083	0.06389	0.93611	74.32

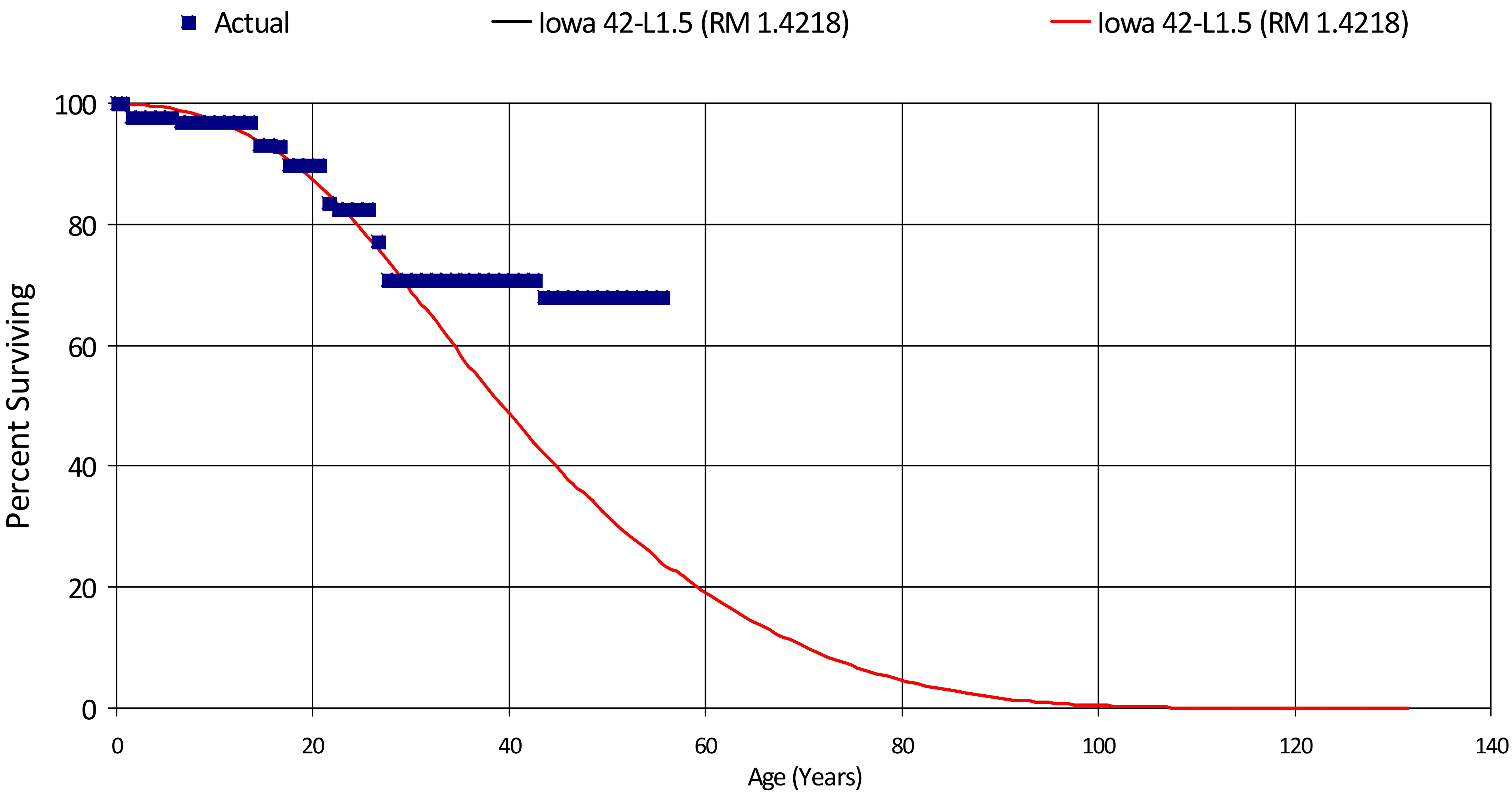
58.5	110,940	0	0.00000	1.00000	69.57
59.5	0	0	0.00000	0.00000	69.57
	Totals:	1,799,846			

Newfoundland and Labrador Hydro

Account D04 - Dykes and Liners

Placement Band - 1968 - 2024 Experience Band - 2002 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	3,144,590	0	0.00000	1.00000	100.00
0.5	3,144,590	75,464	0.02400	0.97600	100.00
1.5	3,069,126	0	0.00000	1.00000	97.60
2.5	3,069,126	0	0.00000	1.00000	97.60
3.5	3,069,126	0	0.00000	1.00000	97.60
4.5	3,069,126	0	0.00000	1.00000	97.60
5.5	3,069,126	19,425	0.00633	0.99367	97.60
6.5	3,049,701	0	0.00000	1.00000	96.98
7.5	3,049,701	0	0.00000	1.00000	96.98
8.5	3,049,701	0	0.00000	1.00000	96.98
9.5	3,049,701	0	0.00000	1.00000	96.98
10.5	3,049,701	0	0.00000	1.00000	96.98
11.5	3,049,701	0	0.00000	1.00000	96.98
12.5	3,049,701	0	0.00000	1.00000	96.98
13.5	2,570,918	98,455	0.03830	0.96170	96.98
14.5	2,472,463	0	0.00000	1.00000	93.27
15.5	2,472,463	9,704	0.00392	0.99608	93.27
16.5	2,462,759	81,055	0.03291	0.96709	92.90
17.5	2,381,704	0	0.00000	1.00000	89.84
18.5	2,381,704	0	0.00000	1.00000	89.84
19.5	2,365,190	0	0.00000	1.00000	89.84
20.5	2,365,190	168,684	0.07132	0.92868	89.84
21.5	2,196,506	25,156	0.01145	0.98855	83.43
22.5	2,095,462	0	0.00000	1.00000	82.47
23.5	2,095,462	0	0.00000	1.00000	82.47
24.5	2,095,462	0	0.00000	1.00000	82.47
25.5	1,960,978	128,562	0.06556	0.93444	82.47
26.5	1,792,819	147,344	0.08219	0.91781	77.06

Newfoundland and Labrador Hydro

Account D04 - Dykes and Liners

Placement Band - 1968 - 2024   Experience Band - 2002 - 2024

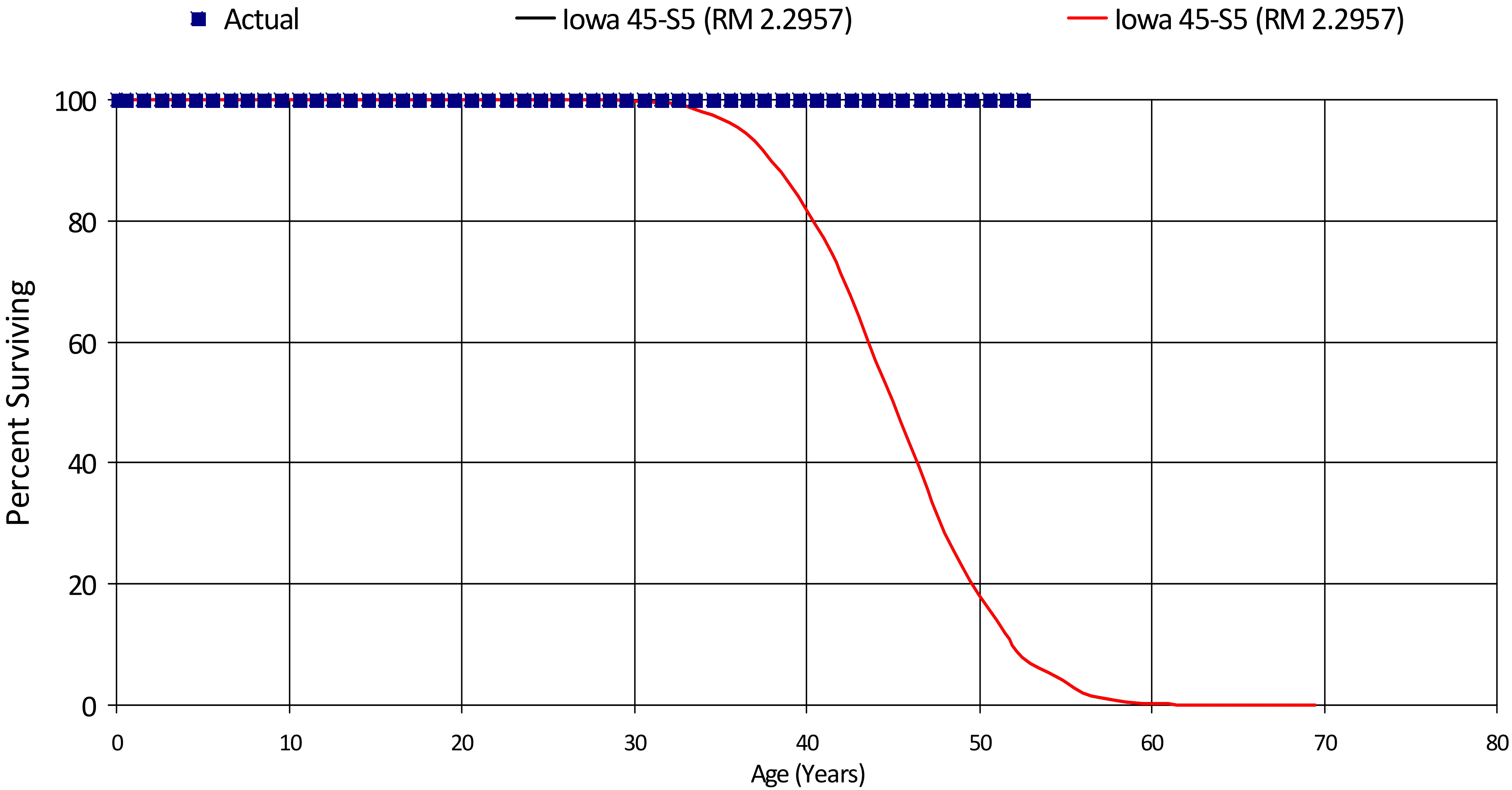
27.5	1,645,475	0	0.00000	1.00000	70.73
28.5	1,645,475	0	0.00000	1.00000	70.73
29.5	1,645,475	0	0.00000	1.00000	70.73
30.5	1,645,475	0	0.00000	1.00000	70.73
31.5	1,645,475	0	0.00000	1.00000	70.73
32.5	1,428,416	0	0.00000	1.00000	70.73
33.5	1,428,416	0	0.00000	1.00000	70.73
34.5	1,164,183	0	0.00000	1.00000	70.73
35.5	1,164,183	0	0.00000	1.00000	70.73
36.5	1,164,183	0	0.00000	1.00000	70.73
37.5	1,045,371	0	0.00000	1.00000	70.73
38.5	1,045,371	0	0.00000	1.00000	70.73
39.5	833,860	0	0.00000	1.00000	70.73
40.5	833,860	0	0.00000	1.00000	70.73
41.5	765,383	0	0.00000	1.00000	70.73
42.5	675,487	26,480	0.03920	0.96080	70.73
43.5	435,823	0	0.00000	1.00000	67.96
44.5	381,923	0	0.00000	1.00000	67.96
45.5	381,923	0	0.00000	1.00000	67.96
46.5	381,923	0	0.00000	1.00000	67.96
47.5	381,923	0	0.00000	1.00000	67.96
48.5	381,923	0	0.00000	1.00000	67.96
49.5	168,580	0	0.00000	1.00000	67.96
50.5	26,480	0	0.00000	1.00000	67.96
51.5	26,480	0	0.00000	1.00000	67.96
52.5	26,480	0	0.00000	1.00000	67.96
53.5	26,480	0	0.00000	1.00000	67.96
54.5	26,480	0	0.00000	1.00000	67.96
55.5	26,480	0	0.00000	1.00000	67.96
	Totals:	780,329			

Newfoundland and Labrador Hydro

Account E01 - Elevators

Placement Band - 1971 - 2024 Experience Band - 2024 - 2024

Actual and Smooth Survivor Curves



Account E01 - Elevators

Placement Band - 1971 - 2024   Experience Band - 2024 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	89,800	0	0.00000	1.00000	100.00
0.5	89,800	0	0.00000	1.00000	100.00
1.5	89,800	0	0.00000	1.00000	100.00
2.5	89,800	0	0.00000	1.00000	100.00
3.5	89,800	0	0.00000	1.00000	100.00
4.5	89,800	0	0.00000	1.00000	100.00
5.5	89,800	0	0.00000	1.00000	100.00
6.5	89,800	0	0.00000	1.00000	100.00
7.5	89,800	0	0.00000	1.00000	100.00
8.5	89,800	0	0.00000	1.00000	100.00
9.5	89,800	0	0.00000	1.00000	100.00
10.5	89,800	0	0.00000	1.00000	100.00
11.5	89,800	0	0.00000	1.00000	100.00
12.5	89,800	0	0.00000	1.00000	100.00
13.5	89,800	0	0.00000	1.00000	100.00
14.5	89,800	0	0.00000	1.00000	100.00
15.5	89,800	0	0.00000	1.00000	100.00
16.5	89,800	0	0.00000	1.00000	100.00
17.5	89,800	0	0.00000	1.00000	100.00
18.5	89,800	0	0.00000	1.00000	100.00
19.5	89,800	0	0.00000	1.00000	100.00
20.5	89,800	0	0.00000	1.00000	100.00
21.5	89,800	0	0.00000	1.00000	100.00
22.5	89,800	0	0.00000	1.00000	100.00
23.5	89,800	0	0.00000	1.00000	100.00
24.5	89,800	0	0.00000	1.00000	100.00
25.5	89,800	0	0.00000	1.00000	100.00
26.5	89,800	0	0.00000	1.00000	100.00

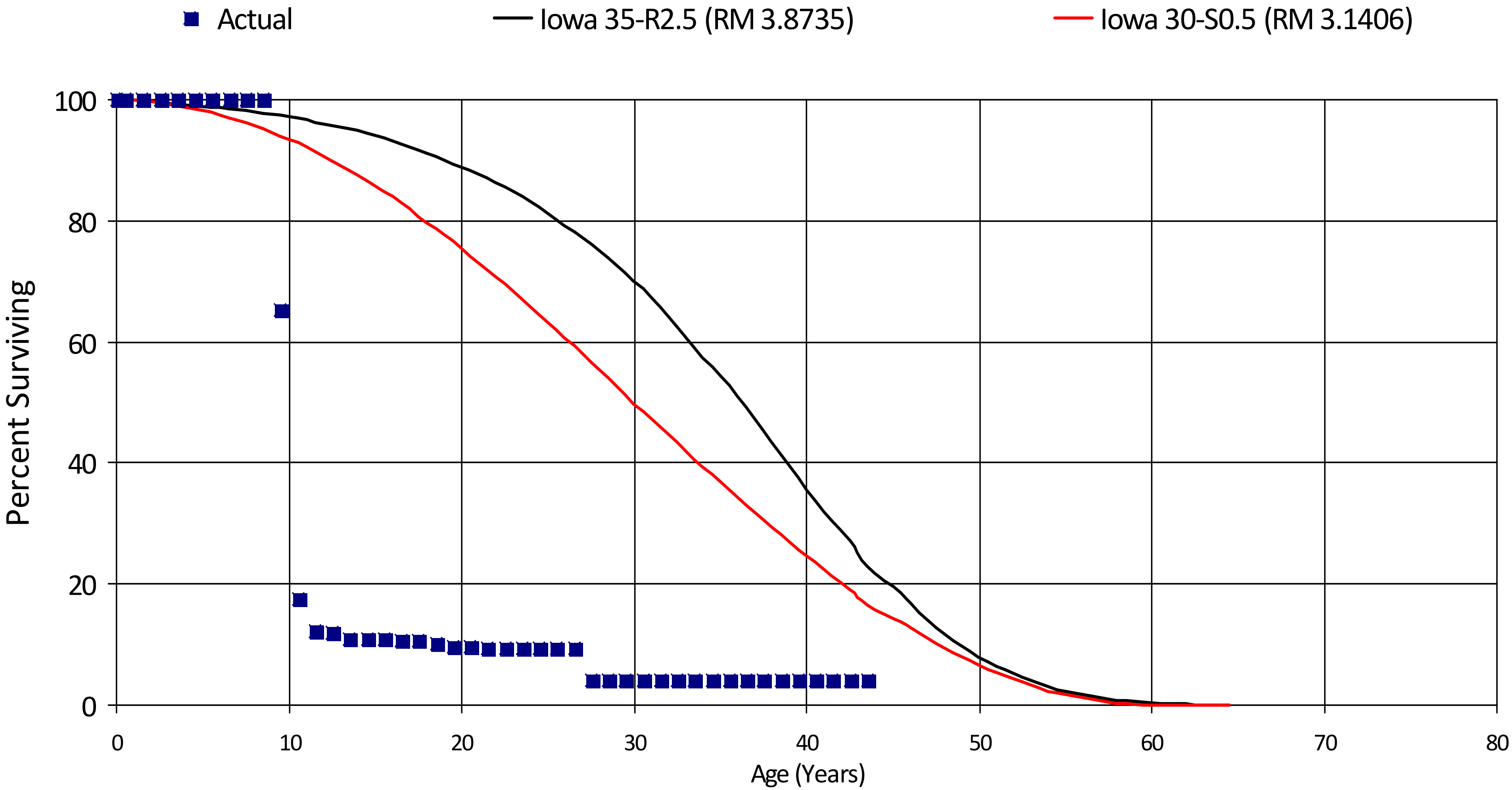
27.5	89,800	0	0.00000	1.00000	100.00
28.5	89,800	0	0.00000	1.00000	100.00
29.5	89,800	0	0.00000	1.00000	100.00
30.5	89,800	0	0.00000	1.00000	100.00
31.5	89,800	0	0.00000	1.00000	100.00
32.5	89,800	0	0.00000	1.00000	100.00
33.5	89,800	0	0.00000	1.00000	100.00
34.5	89,800	0	0.00000	1.00000	100.00
35.5	89,800	0	0.00000	1.00000	100.00
36.5	89,800	0	0.00000	1.00000	100.00
37.5	89,800	0	0.00000	1.00000	100.00
38.5	89,800	0	0.00000	1.00000	100.00
39.5	89,800	0	0.00000	1.00000	100.00
40.5	89,800	0	0.00000	1.00000	100.00
41.5	89,800	0	0.00000	1.00000	100.00
42.5	89,800	0	0.00000	1.00000	100.00
43.5	89,800	0	0.00000	1.00000	100.00
44.5	89,800	0	0.00000	1.00000	100.00
45.5	89,800	0	0.00000	1.00000	100.00
46.5	89,800	0	0.00000	1.00000	100.00
47.5	89,800	0	0.00000	1.00000	100.00
48.5	89,800	0	0.00000	1.00000	100.00
49.5	89,800	0	0.00000	1.00000	100.00
50.5	89,800	0	0.00000	1.00000	100.00
51.5	89,800	0	0.00000	1.00000	100.00
52.5	89,800	0	0.00000	1.00000	100.00
	Totals:	0			

Newfoundland and Labrador Hydro

Account E02 - EMS Equipment

Placement Band - 1980 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account E02 - EMS Equipment

Placement Band - 1980 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	2,395,438	0	0.00000	1.00000	100.00
0.5	2,395,438	0	0.00000	1.00000	100.00
1.5	2,395,438	0	0.00000	1.00000	100.00
2.5	2,395,438	0	0.00000	1.00000	100.00
3.5	2,380,052	0	0.00000	1.00000	100.00
4.5	2,348,185	0	0.00000	1.00000	100.00
5.5	2,348,185	2,430	0.00103	0.99897	100.00
6.5	2,345,755	0	0.00000	1.00000	99.90
7.5	2,345,755	0	0.00000	1.00000	99.90
8.5	2,235,268	776,238	0.34727	0.65273	99.90
9.5	1,459,030	1,067,058	0.73135	0.26865	65.21
10.5	391,972	121,068	0.30887	0.69113	17.52
11.5	270,905	3,830	0.01414	0.98586	12.11
12.5	267,074	20,609	0.07717	0.92283	11.94
13.5	246,465	0	0.00000	1.00000	11.02
14.5	246,465	0	0.00000	1.00000	11.02
15.5	246,465	5,303	0.02152	0.97848	11.02
16.5	241,162	2,437	0.01011	0.98989	10.78
17.5	238,726	8,898	0.03727	0.96273	10.67
18.5	229,828	11,909	0.05182	0.94818	10.27
19.5	217,919	2,977	0.01366	0.98634	9.74
20.5	214,942	6,566	0.03055	0.96945	9.61
21.5	208,376	0	0.00000	1.00000	9.32
22.5	208,376	0	0.00000	1.00000	9.32
23.5	175,570	0	0.00000	1.00000	9.32
24.5	135,328	0	0.00000	1.00000	9.32
25.5	128,226	0	0.00000	1.00000	9.32
26.5	29,141	16,726	0.57398	0.42602	9.32

Newfoundland and Labrador Hydro

Account E02 - EMS Equipment

Placement Band - 1980 - 2024   Experience Band - 1991 - 2024

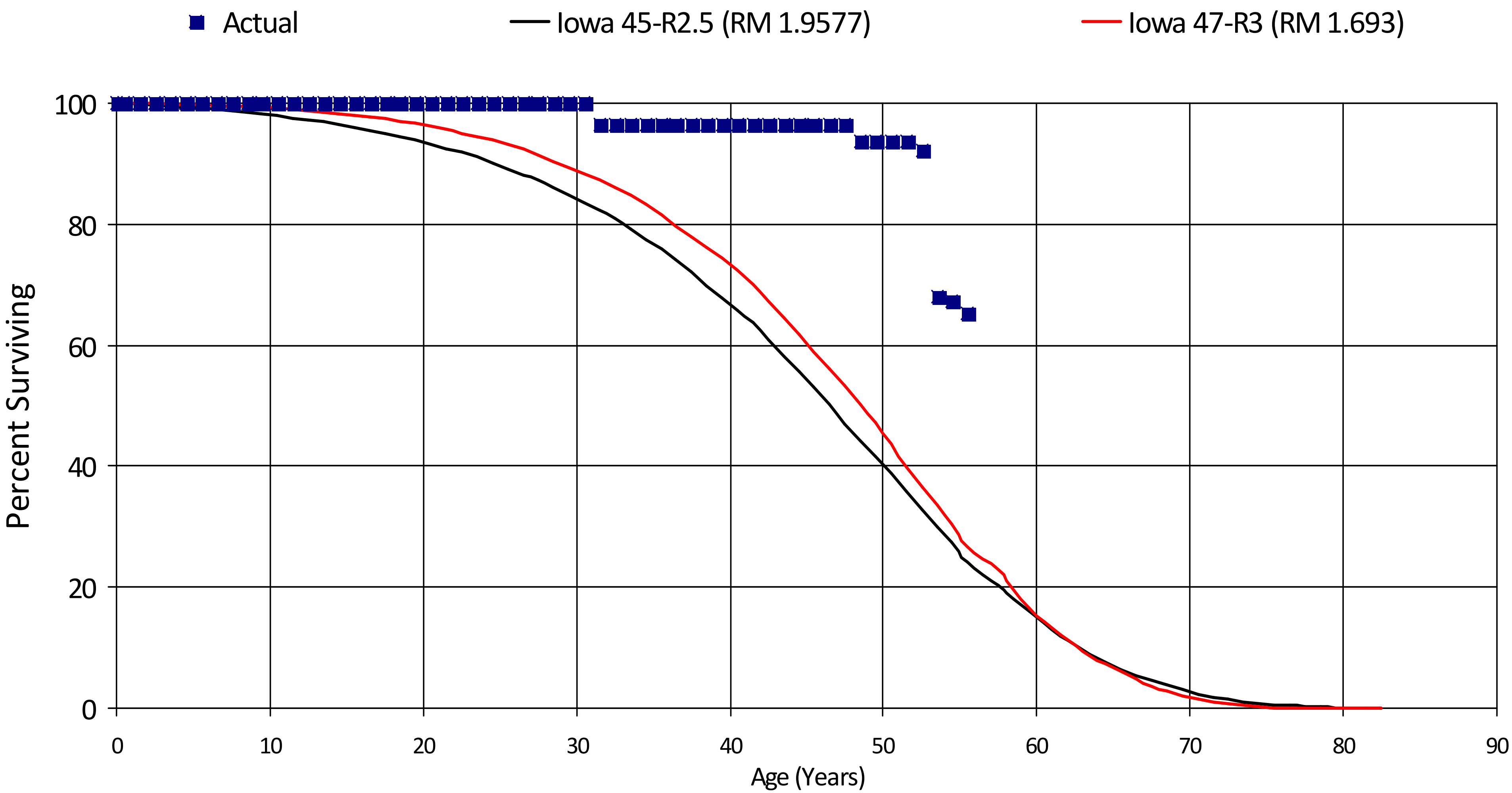
27.5	12,414	0	0.00000	1.00000	3.97
28.5	12,414	0	0.00000	1.00000	3.97
29.5	12,414	0	0.00000	1.00000	3.97
30.5	12,414	0	0.00000	1.00000	3.97
31.5	12,414	0	0.00000	1.00000	3.97
32.5	12,414	0	0.00000	1.00000	3.97
33.5	12,414	0	0.00000	1.00000	3.97
34.5	0	0	0.00000	1.00000	3.97
35.5	0	0	0.00000	1.00000	3.97
36.5	0	0	0.00000	1.00000	3.97
37.5	0	0	0.00000	1.00000	3.97
38.5	0	0	0.00000	1.00000	3.97
39.5	0	0	0.00000	1.00000	3.97
40.5	0	0	0.00000	1.00000	3.97
41.5	0	0	0.00000	1.00000	3.97
42.5	0	0	0.00000	1.00000	3.97
43.5	0	0	0.00000	1.00000	3.97
	Totals:	2,046,049			

Newfoundland and Labrador Hydro

Account E03 - Environmental Equipment

Placement Band - 1968 - 2024   Experience Band - 2002 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account E03 - Environmental Equipment

Placement Band - 1968 - 2024   Experience Band - 2002 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	794,849	0	0.00000	1.00000	100.00
0.5	794,849	0	0.00000	1.00000	100.00
1.5	788,973	0	0.00000	1.00000	100.00
2.5	788,973	0	0.00000	1.00000	100.00
3.5	788,973	0	0.00000	1.00000	100.00
4.5	786,885	0	0.00000	1.00000	100.00
5.5	786,885	0	0.00000	1.00000	100.00
6.5	772,681	0	0.00000	1.00000	100.00
7.5	772,681	0	0.00000	1.00000	100.00
8.5	772,681	0	0.00000	1.00000	100.00
9.5	752,515	0	0.00000	1.00000	100.00
10.5	752,515	0	0.00000	1.00000	100.00
11.5	752,515	0	0.00000	1.00000	100.00
12.5	752,515	0	0.00000	1.00000	100.00
13.5	752,515	0	0.00000	1.00000	100.00
14.5	752,515	0	0.00000	1.00000	100.00
15.5	752,515	0	0.00000	1.00000	100.00
16.5	680,623	0	0.00000	1.00000	100.00
17.5	680,623	0	0.00000	1.00000	100.00
18.5	680,623	0	0.00000	1.00000	100.00
19.5	680,623	0	0.00000	1.00000	100.00
20.5	680,623	0	0.00000	1.00000	100.00
21.5	680,623	0	0.00000	1.00000	100.00
22.5	680,623	0	0.00000	1.00000	100.00
23.5	680,623	0	0.00000	1.00000	100.00
24.5	680,623	0	0.00000	1.00000	100.00
25.5	680,623	0	0.00000	1.00000	100.00
26.5	680,623	0	0.00000	1.00000	100.00

Newfoundland and Labrador Hydro

Account E03 - Environmental Equipment

Placement Band - 1968 - 2024 Experience Band - 2002 - 2024

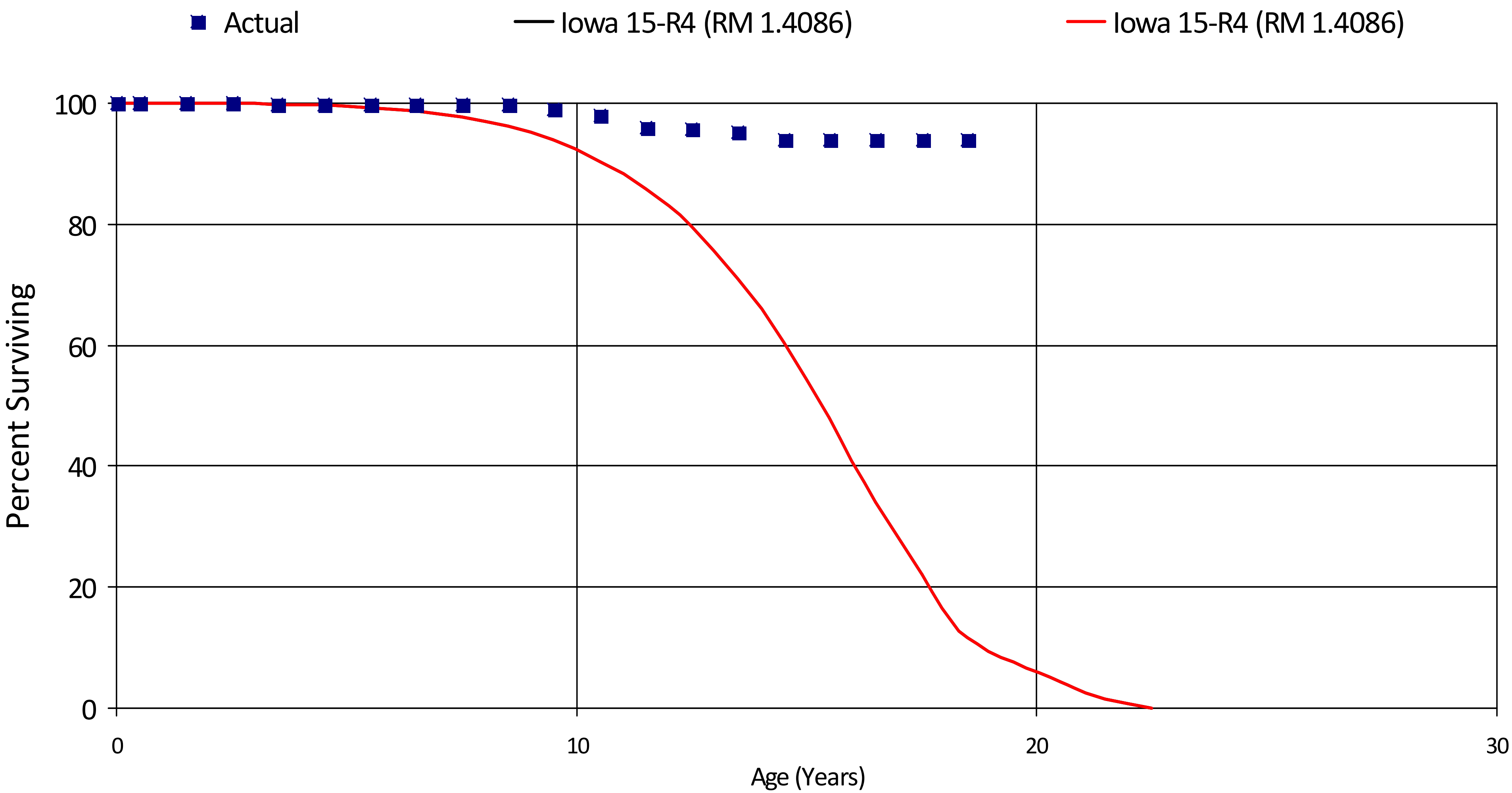
27.5	551,380	0	0.00000	1.00000	100.00
28.5	551,380	0	0.00000	1.00000	100.00
29.5	521,433	0	0.00000	1.00000	100.00
30.5	421,334	15,272	0.03625	0.96375	100.00
31.5	406,062	0	0.00000	1.00000	96.38
32.5	406,062	0	0.00000	1.00000	96.38
33.5	406,062	0	0.00000	1.00000	96.38
34.5	406,062	0	0.00000	1.00000	96.38
35.5	406,062	0	0.00000	1.00000	96.38
36.5	406,062	0	0.00000	1.00000	96.38
37.5	406,062	0	0.00000	1.00000	96.38
38.5	406,062	0	0.00000	1.00000	96.38
39.5	406,062	0	0.00000	1.00000	96.38
40.5	406,062	0	0.00000	1.00000	96.38
41.5	406,062	0	0.00000	1.00000	96.38
42.5	406,062	0	0.00000	1.00000	96.38
43.5	406,062	0	0.00000	1.00000	96.38
44.5	406,062	0	0.00000	1.00000	96.38
45.5	406,062	0	0.00000	1.00000	96.38
46.5	406,062	0	0.00000	1.00000	96.38
47.5	406,062	11,000	0.02709	0.97291	96.38
48.5	395,062	706	0.00179	0.99821	93.77
49.5	394,356	0	0.00000	1.00000	93.60
50.5	394,356	0	0.00000	1.00000	93.60
51.5	394,356	5,831	0.01479	0.98521	93.60
52.5	388,525	101,572	0.26143	0.73857	92.22
53.5	286,953	3,819	0.01331	0.98669	68.11
54.5	283,134	8,585	0.03032	0.96968	67.20
55.5	274,549	0	0.00000	1.00000	65.16
	Totals:	146,785			

Newfoundland and Labrador Hydro

Account F01 - Fall Arrest Equipment

Placement Band - 2005 - 2024   Experience Band - 2012 - 2024

Actual and Smooth Survivor Curves



Account F01 - Fall Arrest Equipment

Placement Band - 2005 - 2024 Experience Band - 2012 - 2024

RETIREMENT RATE ANALYSIS

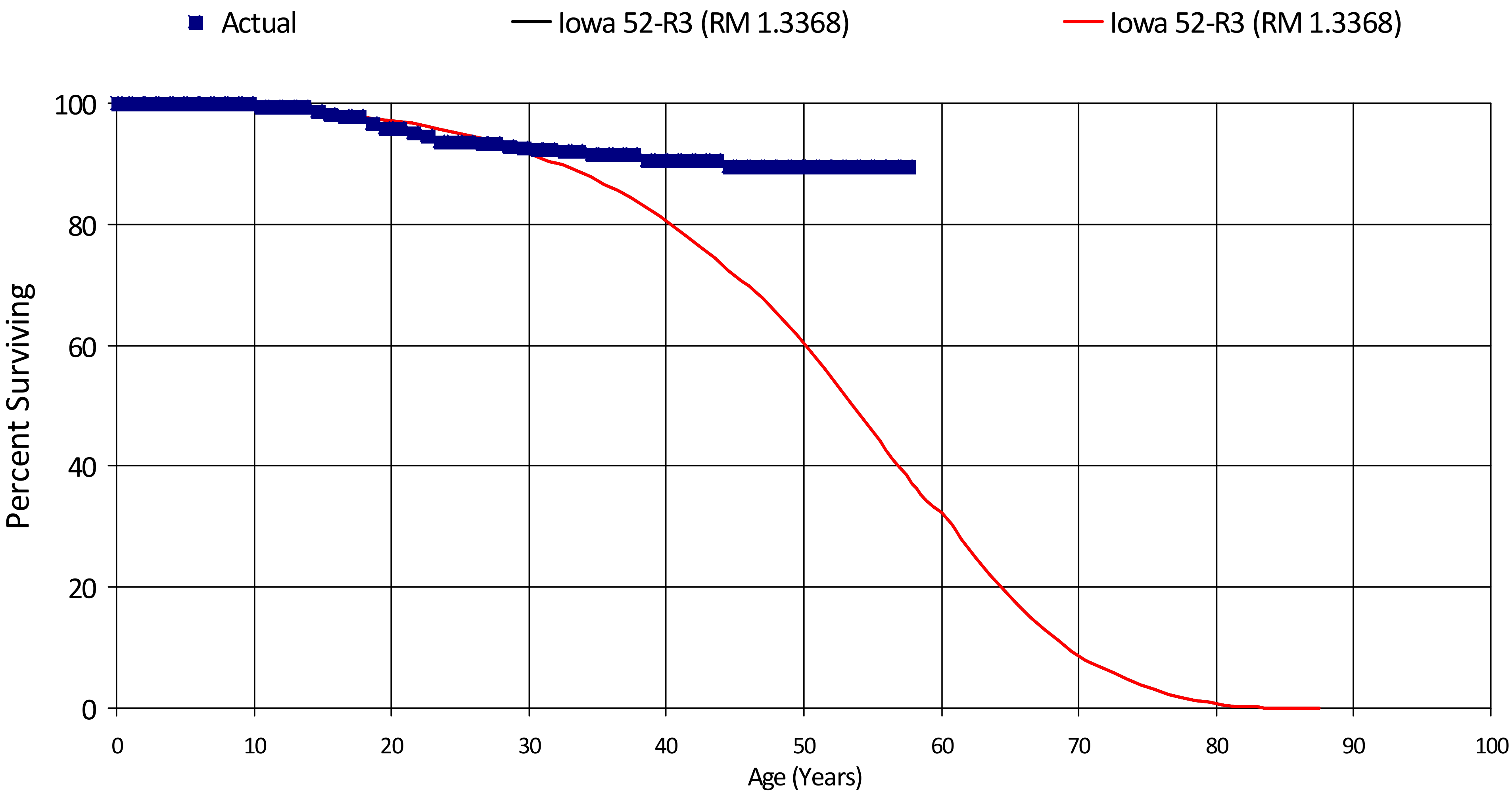
Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	2,814,627	0	0.00000	1.00000	100.00
0.5	2,788,643	0	0.00000	1.00000	100.00
1.5	2,788,643	0	0.00000	1.00000	100.00
2.5	2,788,643	5,019	0.00180	0.99820	100.00
3.5	2,783,624	0	0.00000	1.00000	99.82
4.5	2,783,624	0	0.00000	1.00000	99.82
5.5	2,783,624	0	0.00000	1.00000	99.82
6.5	2,745,438	3,310	0.00121	0.99879	99.82
7.5	2,580,863	1,824	0.00071	0.99929	99.70
8.5	2,366,120	16,446	0.00695	0.99305	99.63
9.5	2,223,823	19,468	0.00875	0.99125	98.94
10.5	1,870,172	40,368	0.02159	0.97841	98.07
11.5	1,610,277	3,733	0.00232	0.99768	95.95
12.5	1,426,432	8,377	0.00587	0.99413	95.73
13.5	1,291,838	16,042	0.01242	0.98758	95.17
14.5	1,232,695	0	0.00000	1.00000	93.99
15.5	782,827	0	0.00000	1.00000	93.99
16.5	583,548	0	0.00000	1.00000	93.99
17.5	415,963	0	0.00000	1.00000	93.99
18.5	198,105	0	0.00000	1.00000	93.99
	Totals:	114,587			

Newfoundland and Labrador Hydro

Account F02 - Fencing

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	12,672,135	0	0.00000	1.00000	100.00
0.5	12,672,135	0	0.00000	1.00000	100.00
1.5	11,700,324	0	0.00000	1.00000	100.00
2.5	11,112,846	0	0.00000	1.00000	100.00
3.5	10,437,654	7,369	0.00071	0.99929	100.00
4.5	9,868,651	1,912	0.00019	0.99981	99.93
5.5	8,890,089	2,071	0.00023	0.99977	99.91
6.5	8,362,940	0	0.00000	1.00000	99.89
7.5	8,181,222	0	0.00000	1.00000	99.89
8.5	7,846,494	0	0.00000	1.00000	99.89
9.5	6,952,773	26,114	0.00376	0.99624	99.89
10.5	6,556,013	0	0.00000	1.00000	99.51
11.5	6,452,920	0	0.00000	1.00000	99.51
12.5	6,159,682	0	0.00000	1.00000	99.51
13.5	5,345,789	36,546	0.00684	0.99316	99.51
14.5	5,309,244	37,467	0.00706	0.99294	98.83
15.5	5,016,004	8,160	0.00163	0.99837	98.13
16.5	4,949,381	0	0.00000	1.00000	97.97
17.5	4,949,381	70,232	0.01419	0.98581	97.97
18.5	4,873,696	37,468	0.00769	0.99231	96.58
19.5	4,720,225	0	0.00000	1.00000	95.84
20.5	4,687,777	29,848	0.00637	0.99363	95.84
21.5	3,642,060	23,138	0.00635	0.99365	95.23
22.5	3,568,635	31,996	0.00897	0.99103	94.63
23.5	3,373,051	1,507	0.00045	0.99955	93.78
24.5	3,318,719	995	0.00030	0.99970	93.74
25.5	3,273,863	7,120	0.00217	0.99783	93.71
26.5	3,133,729	311	0.00010	0.99990	93.51

Newfoundland and Labrador Hydro

Account F02 - Fencing

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

27.5	3,076,242	21,240	0.00690	0.99310	93.50
28.5	3,009,992	7,243	0.00241	0.99759	92.85
29.5	2,919,885	6,454	0.00221	0.99779	92.63
30.5	2,829,574	0	0.00000	1.00000	92.43
31.5	2,785,630	10,169	0.00365	0.99635	92.43
32.5	2,652,628	0	0.00000	1.00000	92.09
33.5	2,515,029	10,359	0.00412	0.99588	92.09
34.5	2,392,434	0	0.00000	1.00000	91.71
35.5	2,209,759	0	0.00000	1.00000	91.71
36.5	2,133,915	0	0.00000	1.00000	91.71
37.5	1,953,809	25,113	0.01285	0.98715	91.71
38.5	1,902,829	0	0.00000	1.00000	90.53
39.5	1,657,773	0	0.00000	1.00000	90.53
40.5	1,572,675	0	0.00000	1.00000	90.53
41.5	1,290,278	0	0.00000	1.00000	90.53
42.5	1,100,653	0	0.00000	1.00000	90.53
43.5	1,016,370	10,413	0.01025	0.98975	90.53
44.5	731,801	0	0.00000	1.00000	89.60
45.5	713,519	0	0.00000	1.00000	89.60
46.5	567,769	0	0.00000	1.00000	89.60
47.5	548,527	0	0.00000	1.00000	89.60
48.5	489,231	0	0.00000	1.00000	89.60
49.5	477,942	0	0.00000	1.00000	89.60
50.5	425,993	0	0.00000	1.00000	89.60
51.5	401,325	0	0.00000	1.00000	89.60
52.5	335,586	0	0.00000	1.00000	89.60
53.5	322,274	0	0.00000	1.00000	89.60
54.5	204,993	0	0.00000	1.00000	89.60
55.5	138,820	0	0.00000	1.00000	89.60
56.5	95,308	0	0.00000	1.00000	89.60
57.5	0	0	0.00000	0.00000	89.60

Newfoundland and Labrador Hydro

Account F02 - Fencing

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

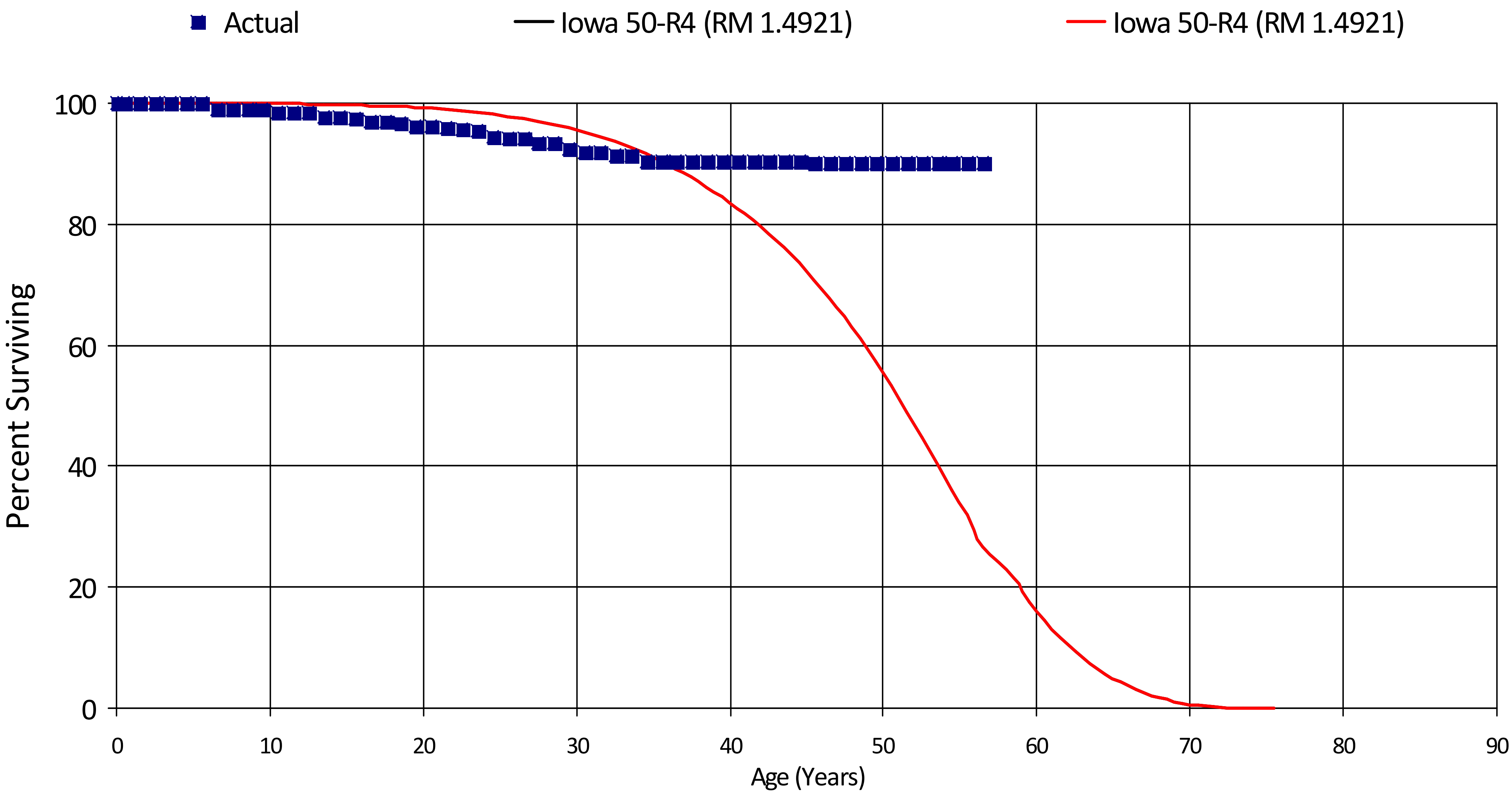
Totals:	413,245

Newfoundland and Labrador Hydro

Account F03 - Fire Fighting Equipment

Placement Band - 1967 - 2024   Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



Account F03 - Fire Fighting Equipment

Placement Band - 1967 - 2024   Experience Band - 1999 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	27,417,927	0	0.00000	1.00000	100.00
0.5	23,412,177	0	0.00000	1.00000	100.00
1.5	21,682,546	0	0.00000	1.00000	100.00
2.5	21,581,560	0	0.00000	1.00000	100.00
3.5	18,682,696	0	0.00000	1.00000	100.00
4.5	17,779,683	0	0.00000	1.00000	100.00
5.5	16,446,998	156,557	0.00952	0.99048	100.00
6.5	15,766,445	0	0.00000	1.00000	99.05
7.5	15,339,694	12,437	0.00081	0.99919	99.05
8.5	13,642,067	0	0.00000	1.00000	98.97
9.5	10,522,006	45,673	0.00434	0.99566	98.97
10.5	9,525,174	0	0.00000	1.00000	98.54
11.5	8,967,097	701	0.00008	0.99992	98.54
12.5	8,387,756	72,271	0.00862	0.99138	98.53
13.5	8,310,284	2,972	0.00036	0.99964	97.68
14.5	8,303,665	8,917	0.00107	0.99893	97.64
15.5	6,378,174	41,299	0.00648	0.99352	97.54
16.5	6,098,182	2,414	0.00040	0.99960	96.91
17.5	6,095,768	16,189	0.00266	0.99734	96.87
18.5	6,079,580	21,971	0.00361	0.99639	96.61
19.5	6,002,366	203	0.00003	0.99997	96.26
20.5	6,002,163	24,578	0.00409	0.99591	96.26
21.5	5,348,978	9,718	0.00182	0.99818	95.87
22.5	4,733,401	10,812	0.00228	0.99772	95.70
23.5	4,506,524	54,919	0.01219	0.98781	95.48
24.5	4,451,605	2,170	0.00049	0.99951	94.32
25.5	4,382,843	406	0.00009	0.99991	94.27
26.5	4,313,918	42,515	0.00986	0.99014	94.26

Newfoundland and Labrador Hydro

Account F03 - Fire Fighting Equipment

Placement Band - 1967 - 2024   Experience Band - 1999 - 2024

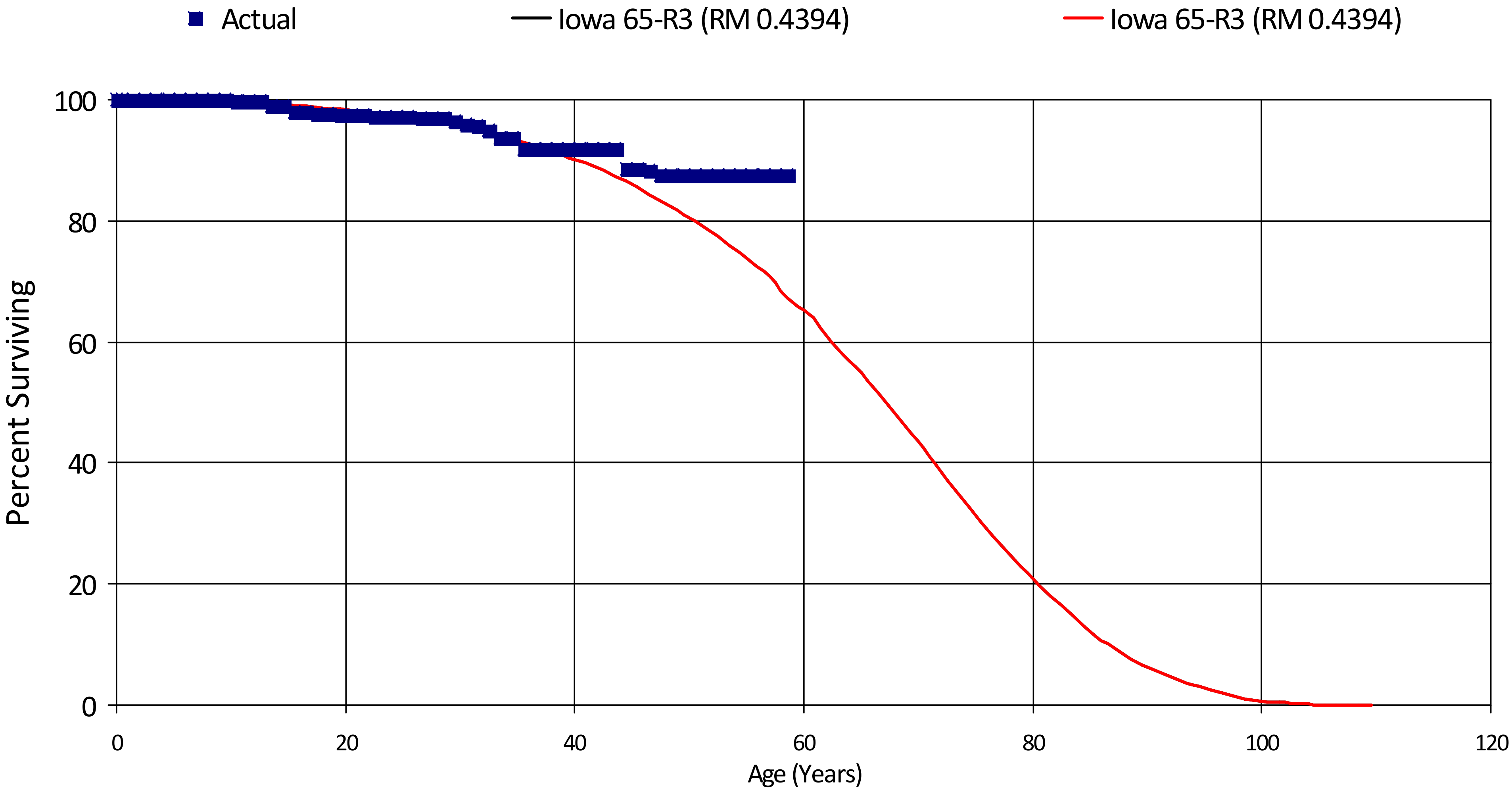
27.5	4,138,367	0	0.00000	1.00000	93.33
28.5	4,138,367	43,878	0.01060	0.98940	93.33
29.5	4,069,971	15,668	0.00385	0.99615	92.34
30.5	4,054,304	0	0.00000	1.00000	91.98
31.5	4,054,304	31,082	0.00767	0.99233	91.98
32.5	4,023,222	0	0.00000	1.00000	91.27
33.5	4,023,222	40,186	0.00999	0.99001	91.27
34.5	3,954,216	0	0.00000	1.00000	90.36
35.5	3,191,549	0	0.00000	1.00000	90.36
36.5	2,974,070	0	0.00000	1.00000	90.36
37.5	2,919,521	0	0.00000	1.00000	90.36
38.5	2,785,542	0	0.00000	1.00000	90.36
39.5	2,599,550	0	0.00000	1.00000	90.36
40.5	2,015,798	0	0.00000	1.00000	90.36
41.5	1,921,273	0	0.00000	1.00000	90.36
42.5	1,514,375	0	0.00000	1.00000	90.36
43.5	1,504,973	0	0.00000	1.00000	90.36
44.5	1,290,771	4,076	0.00316	0.99684	90.36
45.5	1,171,514	0	0.00000	1.00000	90.07
46.5	1,119,683	0	0.00000	1.00000	90.07
47.5	1,117,941	0	0.00000	1.00000	90.07
48.5	1,059,593	719	0.00068	0.99932	90.07
49.5	1,048,873	0	0.00000	1.00000	90.01
50.5	1,048,873	0	0.00000	1.00000	90.01
51.5	1,029,353	0	0.00000	1.00000	90.01
52.5	1,029,353	0	0.00000	1.00000	90.01
53.5	747,398	0	0.00000	1.00000	90.01
54.5	738,194	0	0.00000	1.00000	90.01
55.5	636,962	0	0.00000	1.00000	90.01
56.5	597,273	0	0.00000	1.00000	90.01
	Totals:	662,331			

Newfoundland and Labrador Hydro

Account F04 - Footings and Foundations

Placement Band - 1965 - 2024   Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



Account F04 - Footings and Foundations

Placement Band - 1965 - 2024 Experience Band - 1992 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	184,420,148	0	0.00000	1.00000	100.00
0.5	183,235,392	1,366	0.00001	0.99999	100.00
1.5	181,619,001	71,797	0.00040	0.99960	100.00
2.5	181,007,991	9,300	0.00005	0.99995	99.96
3.5	179,743,181	0	0.00000	1.00000	99.96
4.5	174,067,858	0	0.00000	1.00000	99.96
5.5	172,575,471	0	0.00000	1.00000	99.96
6.5	157,744,869	26,848	0.00017	0.99983	99.96
7.5	22,957,716	0	0.00000	1.00000	99.94
8.5	21,183,443	291	0.00001	0.99999	99.94
9.5	18,348,020	36,626	0.00200	0.99800	99.94
10.5	17,653,433	0	0.00000	1.00000	99.74
11.5	17,653,433	100	0.00001	0.99999	99.74
12.5	17,630,652	140,699	0.00798	0.99202	99.74
13.5	17,449,365	0	0.00000	1.00000	98.94
14.5	17,449,365	189,707	0.01087	0.98913	98.94
15.5	17,259,658	0	0.00000	1.00000	97.86
16.5	17,230,335	47,046	0.00273	0.99727	97.86
17.5	17,183,289	0	0.00000	1.00000	97.59
18.5	17,183,289	1,380	0.00008	0.99992	97.59
19.5	17,181,909	11,757	0.00068	0.99932	97.58
20.5	17,160,438	24,525	0.00143	0.99857	97.51
21.5	16,090,979	10,261	0.00064	0.99936	97.37
22.5	13,572,679	4,866	0.00036	0.99964	97.31
23.5	13,533,957	11,384	0.00084	0.99916	97.27
24.5	13,492,081	12,531	0.00093	0.99907	97.19
25.5	13,413,978	4,864	0.00036	0.99964	97.10
26.5	13,294,982	7,958	0.00060	0.99940	97.07

Newfoundland and Labrador Hydro

Account F04 - Footings and Foundations

Placement Band - 1965 - 2024   Experience Band - 1992 - 2024

27.5	13,287,024	0	0.00000	1.00000	97.01
28.5	13,138,070	62,933	0.00479	0.99521	97.01
29.5	12,612,124	87,255	0.00692	0.99308	96.55
30.5	12,519,442	9,145	0.00073	0.99927	95.88
31.5	12,437,984	117,521	0.00945	0.99055	95.81
32.5	11,694,584	137,940	0.01180	0.98820	94.90
33.5	10,543,933	6,068	0.00058	0.99942	93.78
34.5	9,225,712	172,290	0.01867	0.98133	93.73
35.5	8,712,549	331	0.00004	0.99996	91.98
36.5	8,596,405	241	0.00003	0.99997	91.98
37.5	8,289,102	60	0.00001	0.99999	91.98
38.5	8,241,393	0	0.00000	1.00000	91.98
39.5	8,215,547	0	0.00000	1.00000	91.98
40.5	8,207,729	0	0.00000	1.00000	91.98
41.5	7,441,536	2,549	0.00034	0.99966	91.98
42.5	6,974,981	0	0.00000	1.00000	91.95
43.5	6,680,490	240,679	0.03603	0.96397	91.95
44.5	5,899,702	9,345	0.00158	0.99842	88.64
45.5	5,818,859	6,951	0.00119	0.99881	88.50
46.5	4,705,324	40,576	0.00862	0.99138	88.39
47.5	3,468,385	0	0.00000	1.00000	87.63
48.5	3,364,768	0	0.00000	1.00000	87.63
49.5	3,256,327	1,051	0.00032	0.99968	87.63
50.5	3,186,992	0	0.00000	1.00000	87.60
51.5	3,172,409	0	0.00000	1.00000	87.60
52.5	3,162,044	0	0.00000	1.00000	87.60
53.5	3,162,044	0	0.00000	1.00000	87.60
54.5	2,750,674	0	0.00000	1.00000	87.60
55.5	2,750,674	2,063	0.00075	0.99925	87.60
56.5	1,879,601	0	0.00000	1.00000	87.53
57.5	167,301	0	0.00000	1.00000	87.53

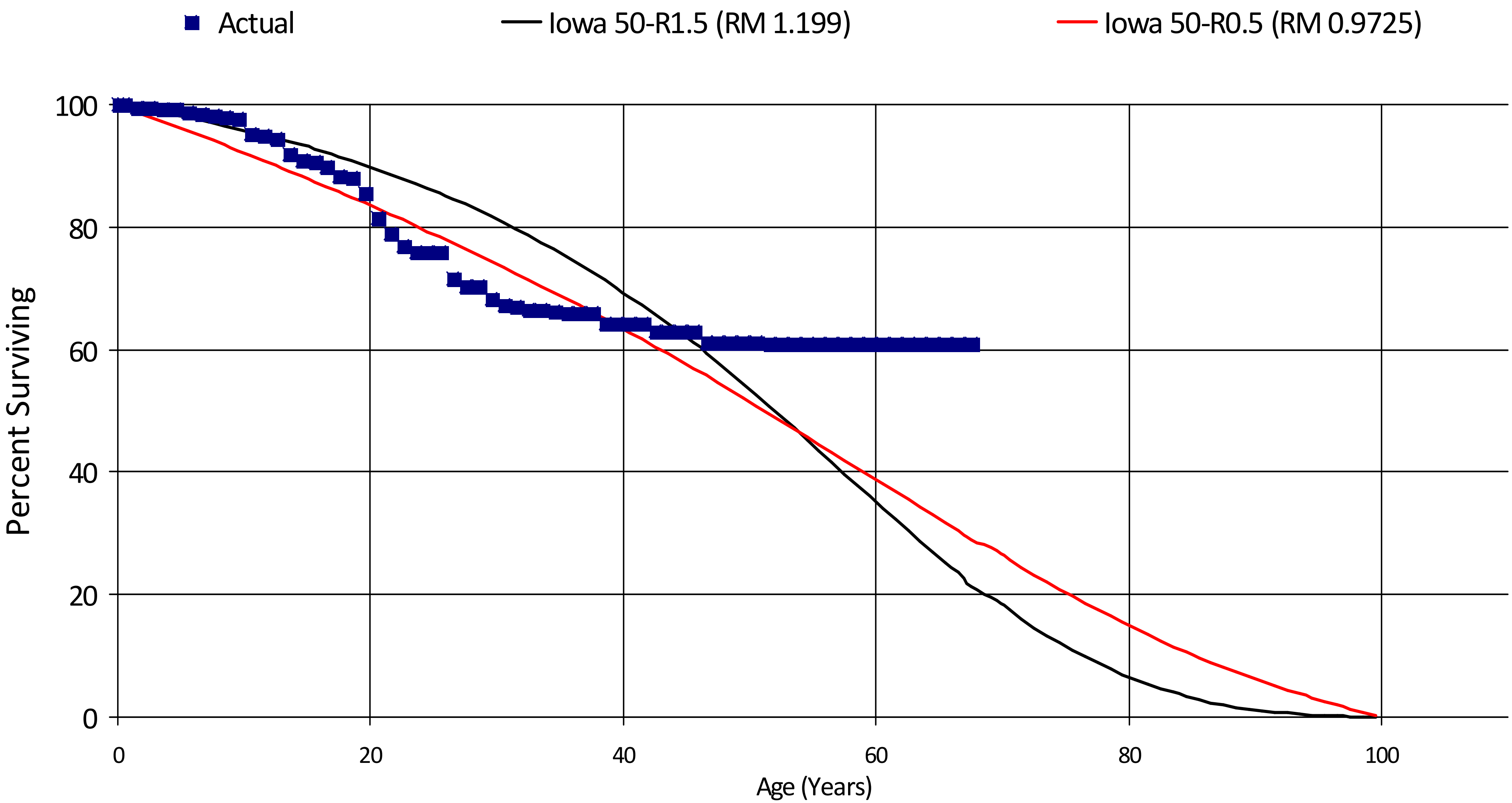
58.5	167,301	0	0.00000	1.00000	87.53
	Totals:	1,510,304			

Newfoundland and Labrador Hydro

Account F06 - Fuel Systems

Placement Band - 1956 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account F06 - Fuel Systems

Placement Band - 1956 - 2024 Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	56,685,100	0	0.00000	1.00000	100.00
0.5	50,792,350	288,670	0.00568	0.99432	100.00
1.5	50,503,679	25,840	0.00051	0.99949	99.43
2.5	48,994,253	87,659	0.00179	0.99821	99.38
3.5	48,045,892	16,568	0.00034	0.99966	99.20
4.5	46,321,880	197,053	0.00425	0.99575	99.17
5.5	34,479,519	82,926	0.00241	0.99759	98.75
6.5	32,421,000	119,683	0.00369	0.99631	98.51
7.5	31,176,428	50,544	0.00162	0.99838	98.15
8.5	30,080,328	86,687	0.00288	0.99712	97.99
9.5	21,215,273	522,325	0.02462	0.97538	97.71
10.5	19,475,808	83,498	0.00429	0.99571	95.30
11.5	19,361,034	113,661	0.00587	0.99413	94.89
12.5	18,663,350	464,784	0.02490	0.97510	94.33
13.5	16,795,311	215,691	0.01284	0.98716	91.98
14.5	16,044,460	44,949	0.00280	0.99720	90.80
15.5	15,612,937	132,320	0.00848	0.99152	90.55
16.5	15,164,768	251,826	0.01661	0.98339	89.78
17.5	12,364,463	47,942	0.00388	0.99612	88.29
18.5	11,770,551	325,711	0.02767	0.97233	87.95
19.5	10,739,984	504,274	0.04695	0.95305	85.52
20.5	10,235,710	325,193	0.03177	0.96823	81.50
21.5	9,649,562	248,057	0.02571	0.97429	78.91
22.5	9,200,552	109,204	0.01187	0.98813	76.88
23.5	8,417,828	4,557	0.00054	0.99946	75.97
24.5	8,168,597	1,650	0.00020	0.99980	75.93
25.5	7,757,473	456,005	0.05878	0.94122	75.91
26.5	7,217,734	107,020	0.01483	0.98517	71.45

Newfoundland and Labrador Hydro

Account F06 - Fuel Systems

Placement Band - 1956 - 2024 Experience Band - 1991 - 2024

27.5	7,022,693	14,842	0.00211	0.99789	70.39
28.5	6,603,949	183,831	0.02784	0.97216	70.24
29.5	6,205,960	84,412	0.01360	0.98640	68.28
30.5	5,801,074	27,816	0.00479	0.99521	67.35
31.5	5,553,076	48,759	0.00878	0.99122	67.03
32.5	4,881,959	1,500	0.00031	0.99969	66.44
33.5	4,542,906	3,976	0.00088	0.99912	66.42
34.5	3,990,173	15,000	0.00376	0.99624	66.36
35.5	3,697,546	3,113	0.00084	0.99916	66.11
36.5	3,680,505	0	0.00000	1.00000	66.05
37.5	3,224,448	89,532	0.02777	0.97223	66.05
38.5	3,133,363	100	0.00003	0.99997	64.22
39.5	2,939,197	0	0.00000	1.00000	64.22
40.5	2,939,197	0	0.00000	1.00000	64.22
41.5	2,922,002	60,813	0.02081	0.97919	64.22
42.5	2,861,190	0	0.00000	1.00000	62.88
43.5	2,434,765	0	0.00000	1.00000	62.88
44.5	2,254,792	0	0.00000	1.00000	62.88
45.5	2,254,792	63,382	0.02811	0.97189	62.88
46.5	2,191,410	0	0.00000	1.00000	61.11
47.5	2,174,820	0	0.00000	1.00000	61.11
48.5	1,962,333	0	0.00000	1.00000	61.11
49.5	1,917,917	0	0.00000	1.00000	61.11
50.5	1,627,304	6,788	0.00417	0.99583	61.11
51.5	1,617,272	0	0.00000	1.00000	60.86
52.5	1,617,272	0	0.00000	1.00000	60.86
53.5	1,529,984	0	0.00000	1.00000	60.86
54.5	1,529,184	0	0.00000	1.00000	60.86
55.5	771,643	0	0.00000	1.00000	60.86
56.5	74,872	0	0.00000	1.00000	60.86
57.5	74,872	0	0.00000	1.00000	60.86

Account F06 - Fuel Systems

Placement Band - 1956 - 2024   Experience Band - 1991 - 2024

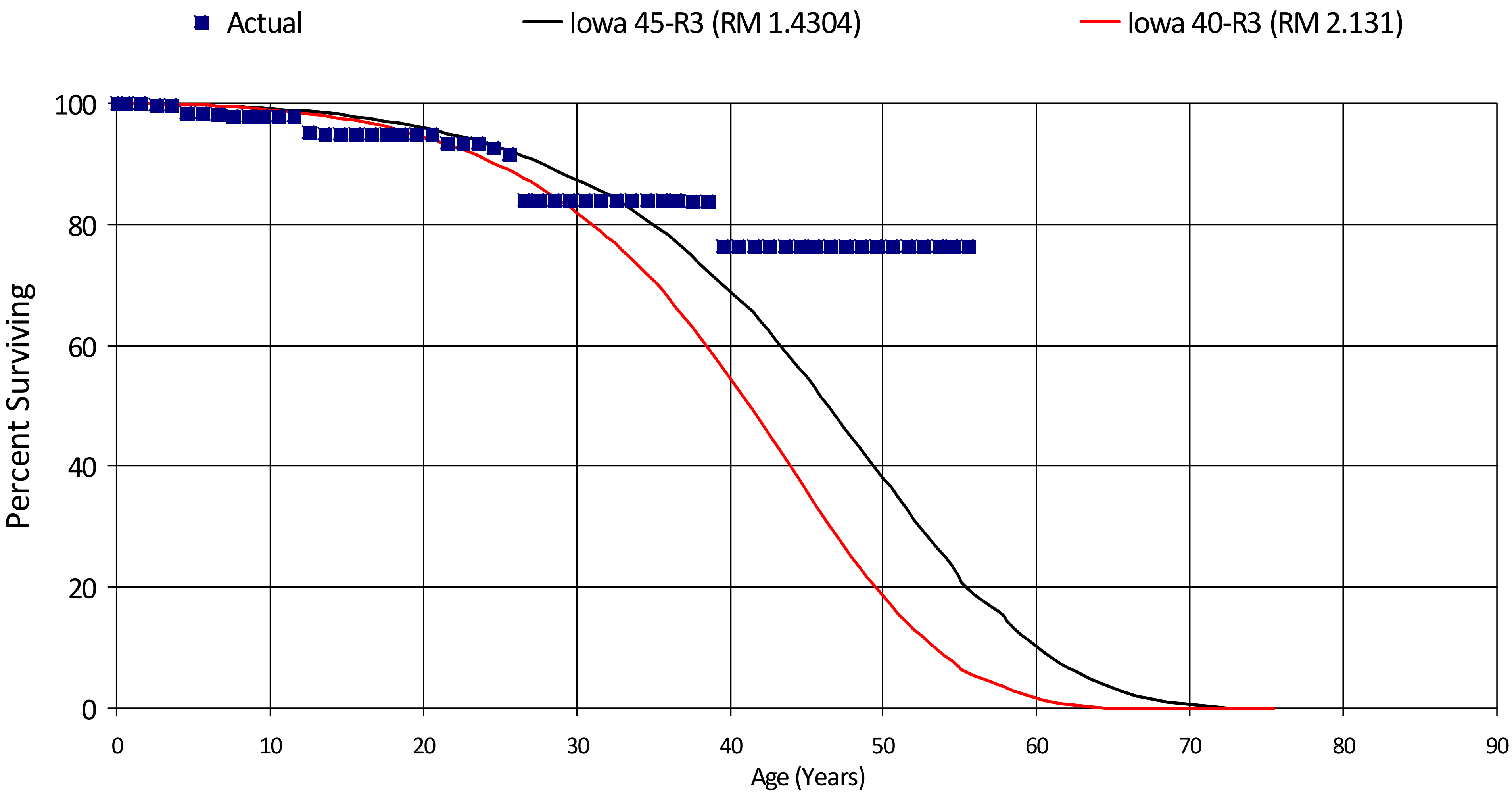
58.5	11,786	0	0.00000	1.00000	60.86
59.5	11,786	0	0.00000	1.00000	60.86
60.5	11,786	0	0.00000	1.00000	60.86
61.5	11,786	0	0.00000	1.00000	60.86
62.5	11,786	0	0.00000	1.00000	60.86
63.5	11,786	0	0.00000	1.00000	60.86
64.5	11,786	0	0.00000	1.00000	60.86
65.5	11,786	0	0.00000	1.00000	60.86
66.5	11,786	0	0.00000	1.00000	60.86
67.5	11,786	0	0.00000	1.00000	60.86
	Totals:	5,518,161			

Newfoundland and Labrador Hydro

Account G01 - Gas Turbine Systems

Placement Band - 1968 - 2024 Experience Band - 2000 - 2024

Actual and Smooth Survivor Curves



Account G01 - Gas Turbine Systems

Placement Band - 1968 - 2024   Experience Band - 2000 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	88,908,427	0	0.00000	1.00000	100.00
0.5	85,109,660	0	0.00000	1.00000	100.00
1.5	85,056,619	185,109	0.00218	0.99782	100.00
2.5	84,027,676	0	0.00000	1.00000	99.78
3.5	83,917,237	1,011,679	0.01206	0.98794	99.78
4.5	80,841,723	0	0.00000	1.00000	98.58
5.5	79,201,891	339,693	0.00429	0.99571	98.58
6.5	78,190,537	54,449	0.00070	0.99930	98.16
7.5	74,072,076	0	0.00000	1.00000	98.09
8.5	71,338,279	0	0.00000	1.00000	98.09
9.5	40,042,122	35,339	0.00088	0.99912	98.09
10.5	37,915,311	0	0.00000	1.00000	98.00
11.5	30,104,524	874,301	0.02904	0.97096	98.00
12.5	28,853,879	59,837	0.00207	0.99793	95.15
13.5	28,583,233	0	0.00000	1.00000	94.95
14.5	28,583,233	0	0.00000	1.00000	94.95
15.5	28,453,599	2,141	0.00008	0.99992	94.95
16.5	28,451,458	18,390	0.00065	0.99935	94.94
17.5	28,433,068	0	0.00000	1.00000	94.88
18.5	28,433,068	0	0.00000	1.00000	94.88
19.5	28,433,068	0	0.00000	1.00000	94.88
20.5	28,433,068	459,085	0.01615	0.98385	94.88
21.5	27,973,983	0	0.00000	1.00000	93.35
22.5	27,973,983	0	0.00000	1.00000	93.35
23.5	27,912,145	203,409	0.00729	0.99271	93.35
24.5	27,708,736	336,343	0.01214	0.98786	92.67
25.5	27,363,306	2,243,280	0.08198	0.91802	91.54
26.5	25,120,026	0	0.00000	1.00000	84.04

Newfoundland and Labrador Hydro

Account G01 - Gas Turbine Systems

Placement Band - 1968 - 2024   Experience Band - 2000 - 2024

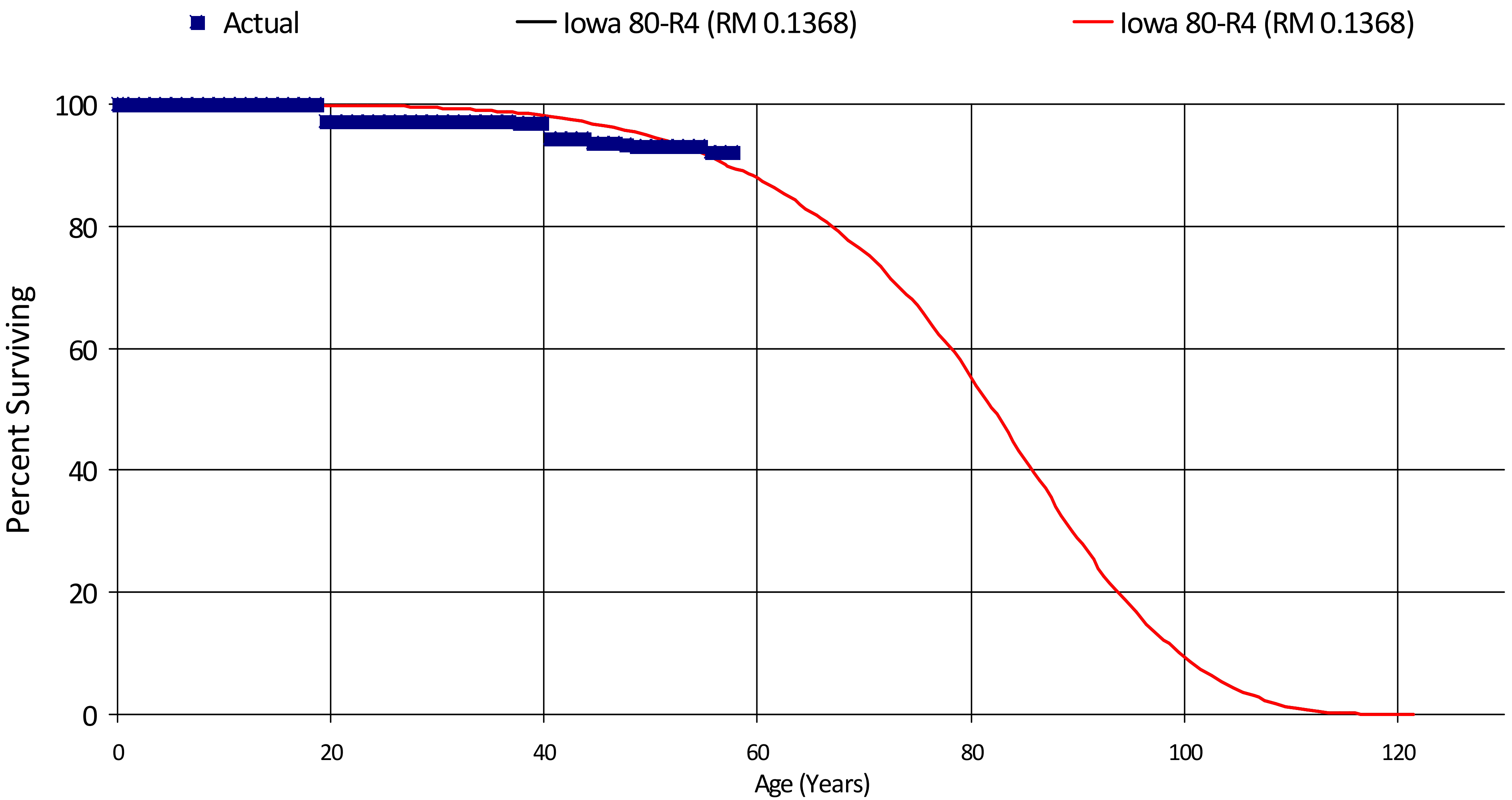
27.5	24,577,249	0	0.00000	1.00000	84.04
28.5	24,577,249	0	0.00000	1.00000	84.04
29.5	24,577,249	0	0.00000	1.00000	84.04
30.5	24,577,249	0	0.00000	1.00000	84.04
31.5	24,577,249	18,312	0.00075	0.99925	84.04
32.5	13,085,715	0	0.00000	1.00000	83.98
33.5	13,085,715	0	0.00000	1.00000	83.98
34.5	13,085,715	0	0.00000	1.00000	83.98
35.5	13,002,110	0	0.00000	1.00000	83.98
36.5	13,002,110	30,595	0.00235	0.99765	83.98
37.5	12,971,516	0	0.00000	1.00000	83.78
38.5	12,971,516	1,144,769	0.08825	0.91175	83.78
39.5	11,826,746	0	0.00000	1.00000	76.39
40.5	11,826,746	0	0.00000	1.00000	76.39
41.5	11,826,746	0	0.00000	1.00000	76.39
42.5	11,826,746	0	0.00000	1.00000	76.39
43.5	11,616,136	0	0.00000	1.00000	76.39
44.5	11,616,136	0	0.00000	1.00000	76.39
45.5	11,616,136	0	0.00000	1.00000	76.39
46.5	11,616,136	0	0.00000	1.00000	76.39
47.5	11,232,117	0	0.00000	1.00000	76.39
48.5	11,232,117	0	0.00000	1.00000	76.39
49.5	5,698,694	0	0.00000	1.00000	76.39
50.5	995,759	0	0.00000	1.00000	76.39
51.5	995,759	0	0.00000	1.00000	76.39
52.5	995,759	0	0.00000	1.00000	76.39
53.5	995,759	0	0.00000	1.00000	76.39
54.5	995,759	0	0.00000	1.00000	76.39
55.5	995,759	0	0.00000	1.00000	76.39
	Totals:	7,016,731			

Newfoundland and Labrador Hydro

Account G02 - Gates

Placement Band - 1966 - 2024   Experience Band - 2004 - 2024

Actual and Smooth Survivor Curves



Account G02 - Gates

Placement Band - 1966 - 2024   Experience Band - 2004 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	35,053,288	0	0.00000	1.00000	100.00
0.5	29,769,747	0	0.00000	1.00000	100.00
1.5	25,352,440	0	0.00000	1.00000	100.00
2.5	21,480,274	0	0.00000	1.00000	100.00
3.5	21,480,274	0	0.00000	1.00000	100.00
4.5	21,480,274	0	0.00000	1.00000	100.00
5.5	20,174,903	10,503	0.00052	0.99948	100.00
6.5	20,164,400	0	0.00000	1.00000	99.95
7.5	19,517,730	0	0.00000	1.00000	99.95
8.5	19,016,219	0	0.00000	1.00000	99.95
9.5	17,598,698	0	0.00000	1.00000	99.95
10.5	17,277,050	0	0.00000	1.00000	99.95
11.5	15,361,820	0	0.00000	1.00000	99.95
12.5	15,329,820	9,500	0.00062	0.99938	99.95
13.5	15,320,319	0	0.00000	1.00000	99.89
14.5	15,320,319	0	0.00000	1.00000	99.89
15.5	15,320,319	0	0.00000	1.00000	99.89
16.5	15,320,319	0	0.00000	1.00000	99.89
17.5	15,320,319	0	0.00000	1.00000	99.89
18.5	15,320,319	405,497	0.02647	0.97353	99.89
19.5	14,914,822	0	0.00000	1.00000	97.25
20.5	14,914,822	0	0.00000	1.00000	97.25
21.5	14,914,822	0	0.00000	1.00000	97.25
22.5	14,914,822	0	0.00000	1.00000	97.25
23.5	14,914,822	0	0.00000	1.00000	97.25
24.5	14,914,822	0	0.00000	1.00000	97.25
25.5	14,914,822	0	0.00000	1.00000	97.25
26.5	14,914,822	0	0.00000	1.00000	97.25

Account G02 - Gates

Placement Band - 1966 - 2024 Experience Band - 2004 - 2024

27.5	14,914,822	831	0.00006	0.99994	97.25
28.5	14,913,991	0	0.00000	1.00000	97.24
29.5	14,913,991	0	0.00000	1.00000	97.24
30.5	14,913,991	170	0.00001	0.99999	97.24
31.5	14,913,821	0	0.00000	1.00000	97.24
32.5	14,913,821	0	0.00000	1.00000	97.24
33.5	14,913,821	0	0.00000	1.00000	97.24
34.5	14,913,821	0	0.00000	1.00000	97.24
35.5	14,733,491	0	0.00000	1.00000	97.24
36.5	13,719,693	46,760	0.00341	0.99659	97.24
37.5	13,672,933	0	0.00000	1.00000	96.91
38.5	13,533,471	0	0.00000	1.00000	96.91
39.5	13,348,258	356,201	0.02669	0.97331	96.91
40.5	11,871,924	0	0.00000	1.00000	94.32
41.5	9,895,418	0	0.00000	1.00000	94.32
42.5	5,772,169	0	0.00000	1.00000	94.32
43.5	5,772,169	42,000	0.00728	0.99272	94.32
44.5	4,678,676	425	0.00009	0.99991	93.63
45.5	3,674,895	1,218	0.00033	0.99967	93.62
46.5	3,405,984	5,408	0.00159	0.99841	93.59
47.5	3,400,576	10,366	0.00305	0.99695	93.44
48.5	3,390,211	1,851	0.00055	0.99945	93.16
49.5	3,388,359	0	0.00000	1.00000	93.11
50.5	3,388,359	1,333	0.00039	0.99961	93.11
51.5	3,387,026	491	0.00014	0.99986	93.07
52.5	3,386,535	0	0.00000	1.00000	93.06
53.5	3,386,535	0	0.00000	1.00000	93.06
54.5	2,990,133	32,728	0.01095	0.98905	93.06
55.5	2,957,406	0	0.00000	1.00000	92.04
56.5	2,957,406	0	0.00000	1.00000	92.04
57.5	1,920,917	0	0.00000	1.00000	92.04

Newfoundland and Labrador Hydro

Account G02 - Gates

Placement Band - 1966 - 2024   Experience Band - 2004 - 2024

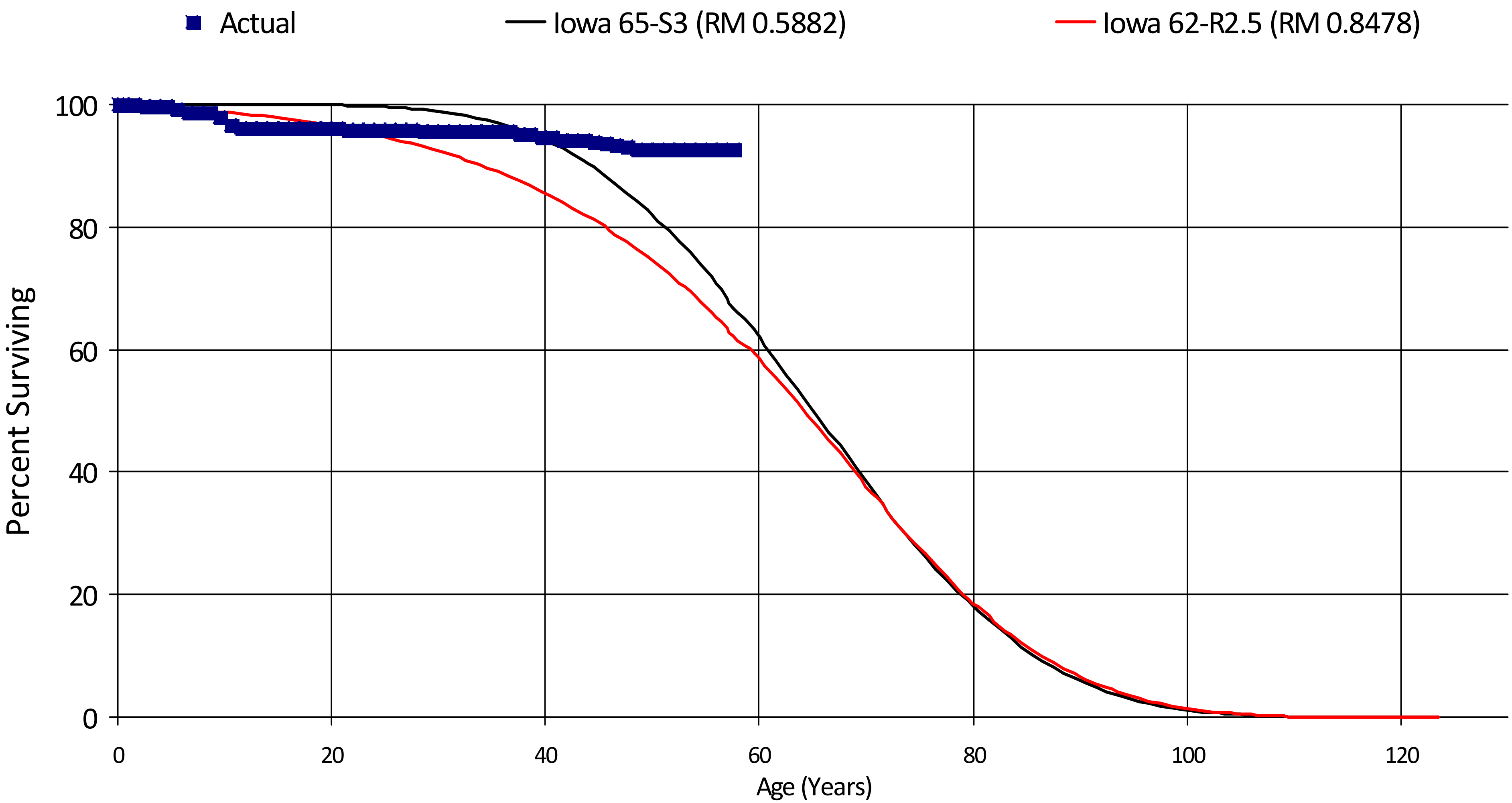
Totals:	925,282

Newfoundland and Labrador Hydro

Account G03 - Generators, Windings, and Powerhouse

Placement Band - 1966 - 2024   Experience Band - 1997 - 2024

Actual and Smooth Survivor Curves



Account G03 - Generators, Windings, and Powerhouse

Placement Band - 1966 - 2024   Experience Band - 1997 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	293,179,007	0	0.00000	1.00000	100.00
0.5	279,605,936	797	0.00000	1.00000	100.00
1.5	269,289,943	619,521	0.00230	0.99770	100.00
2.5	262,494,580	75,460	0.00029	0.99971	99.77
3.5	244,299,785	20,683	0.00008	0.99992	99.74
4.5	242,953,388	1,288,133	0.00530	0.99470	99.73
5.5	238,495,297	963,236	0.00404	0.99596	99.20
6.5	234,694,429	0	0.00000	1.00000	98.80
7.5	231,583,433	0	0.00000	1.00000	98.80
8.5	221,173,579	1,831,978	0.00828	0.99172	98.80
9.5	186,343,788	2,612,397	0.01402	0.98598	97.98
10.5	178,043,094	701,776	0.00394	0.99606	96.61
11.5	166,609,570	81,488	0.00049	0.99951	96.23
12.5	165,310,872	0	0.00000	1.00000	96.18
13.5	165,222,595	0	0.00000	1.00000	96.18
14.5	158,835,279	2,433	0.00002	0.99998	96.18
15.5	158,598,080	87,173	0.00055	0.99945	96.18
16.5	158,360,647	0	0.00000	1.00000	96.13
17.5	158,360,647	0	0.00000	1.00000	96.13
18.5	158,277,358	103,546	0.00065	0.99935	96.13
19.5	158,173,813	0	0.00000	1.00000	96.07
20.5	158,173,813	64,978	0.00041	0.99959	96.07
21.5	127,389,668	7,928	0.00006	0.99994	96.03
22.5	127,344,872	0	0.00000	1.00000	96.02
23.5	127,247,858	0	0.00000	1.00000	96.02
24.5	127,140,219	3,161	0.00002	0.99998	96.02
25.5	126,971,158	64,561	0.00051	0.99949	96.02
26.5	126,901,429	1,506	0.00001	0.99999	95.97

Newfoundland and Labrador Hydro

Account G03 - Generators, Windings, and Powerhouse

Placement Band - 1966 - 2024 Experience Band - 1997 - 2024

27.5	126,892,647	214,448	0.00169	0.99831	95.97
28.5	126,678,199	43,627	0.00034	0.99966	95.81
29.5	126,486,310	14,356	0.00011	0.99989	95.78
30.5	126,427,073	0	0.00000	1.00000	95.77
31.5	123,719,417	0	0.00000	1.00000	95.77
32.5	118,639,020	0	0.00000	1.00000	95.77
33.5	118,628,102	4,115	0.00003	0.99997	95.77
34.5	118,428,439	1,272	0.00001	0.99999	95.77
35.5	116,154,413	1,217	0.00001	0.99999	95.77
36.5	114,583,953	556,374	0.00486	0.99514	95.77
37.5	113,808,129	930	0.00001	0.99999	95.30
38.5	113,797,193	798,586	0.00702	0.99298	95.30
39.5	97,769,122	30,661	0.00031	0.99969	94.63
40.5	85,753,903	315,188	0.00368	0.99632	94.60
41.5	80,713,204	80,792	0.00100	0.99900	94.25
42.5	62,421,001	5,340	0.00009	0.99991	94.16
43.5	62,173,035	160,395	0.00258	0.99742	94.15
44.5	50,299,784	147,713	0.00294	0.99706	93.91
45.5	42,829,643	133,608	0.00312	0.99688	93.63
46.5	41,342,644	125,088	0.00303	0.99697	93.34
47.5	38,155,079	127,558	0.00334	0.99666	93.06
48.5	38,022,521	7,283	0.00019	0.99981	92.75
49.5	38,015,238	438	0.00001	0.99999	92.73
50.5	38,014,800	5,425	0.00014	0.99986	92.73
51.5	38,009,375	0	0.00000	1.00000	92.72
52.5	38,009,375	423	0.00001	0.99999	92.72
53.5	32,829,944	0	0.00000	1.00000	92.72
54.5	26,578,394	0	0.00000	1.00000	92.72
55.5	24,018,932	0	0.00000	1.00000	92.72
56.5	18,490,271	0	0.00000	1.00000	92.72
57.5	6,329,309	0	0.00000	1.00000	92.72

Newfoundland and Labrador Hydro

Account G03 - Generators, Windings, and Powerhouse

Placement Band - 1966 - 2024   Experience Band - 1997 - 2024

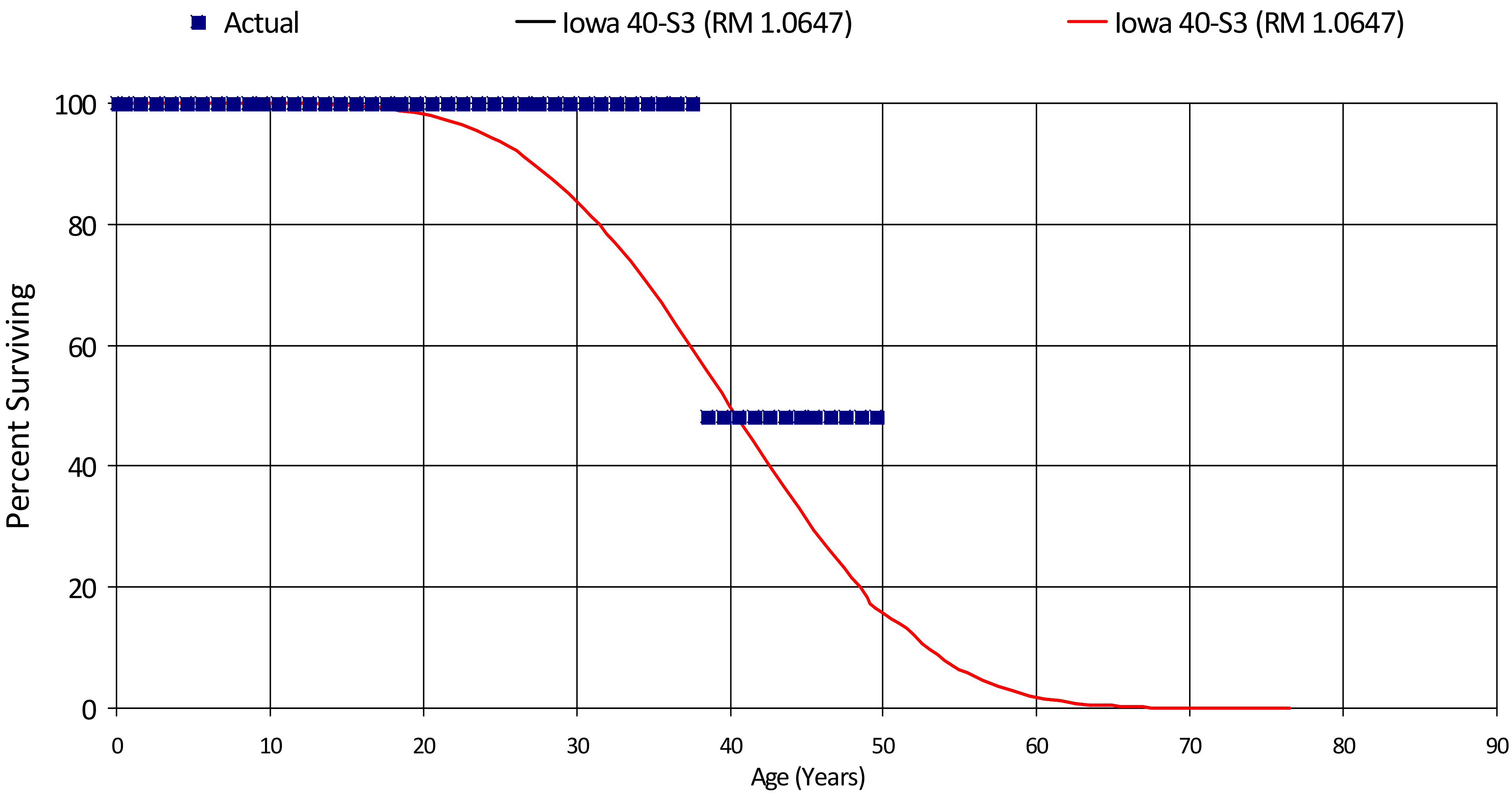
Totals: 11,305,592

Newfoundland and Labrador Hydro

Account G05 - Glycol Systems

Placement Band - 1974 - 2024   Experience Band - 2013 - 2024

Actual and Smooth Survivor Curves



Account G05 - Glycol Systems

Placement Band - 1974 - 2024   Experience Band - 2013 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	670,001	0	0.00000	1.00000	100.00
0.5	670,001	0	0.00000	1.00000	100.00
1.5	670,001	0	0.00000	1.00000	100.00
2.5	620,704	0	0.00000	1.00000	100.00
3.5	620,704	0	0.00000	1.00000	100.00
4.5	620,704	0	0.00000	1.00000	100.00
5.5	620,704	0	0.00000	1.00000	100.00
6.5	620,704	0	0.00000	1.00000	100.00
7.5	620,704	0	0.00000	1.00000	100.00
8.5	620,704	0	0.00000	1.00000	100.00
9.5	620,704	0	0.00000	1.00000	100.00
10.5	620,704	0	0.00000	1.00000	100.00
11.5	620,704	0	0.00000	1.00000	100.00
12.5	620,704	0	0.00000	1.00000	100.00
13.5	620,704	0	0.00000	1.00000	100.00
14.5	620,704	0	0.00000	1.00000	100.00
15.5	620,704	0	0.00000	1.00000	100.00
16.5	620,704	0	0.00000	1.00000	100.00
17.5	620,704	0	0.00000	1.00000	100.00
18.5	620,704	0	0.00000	1.00000	100.00
19.5	620,704	0	0.00000	1.00000	100.00
20.5	620,704	0	0.00000	1.00000	100.00
21.5	620,704	0	0.00000	1.00000	100.00
22.5	620,704	0	0.00000	1.00000	100.00
23.5	620,704	0	0.00000	1.00000	100.00
24.5	620,704	0	0.00000	1.00000	100.00
25.5	620,704	0	0.00000	1.00000	100.00
26.5	620,704	0	0.00000	1.00000	100.00

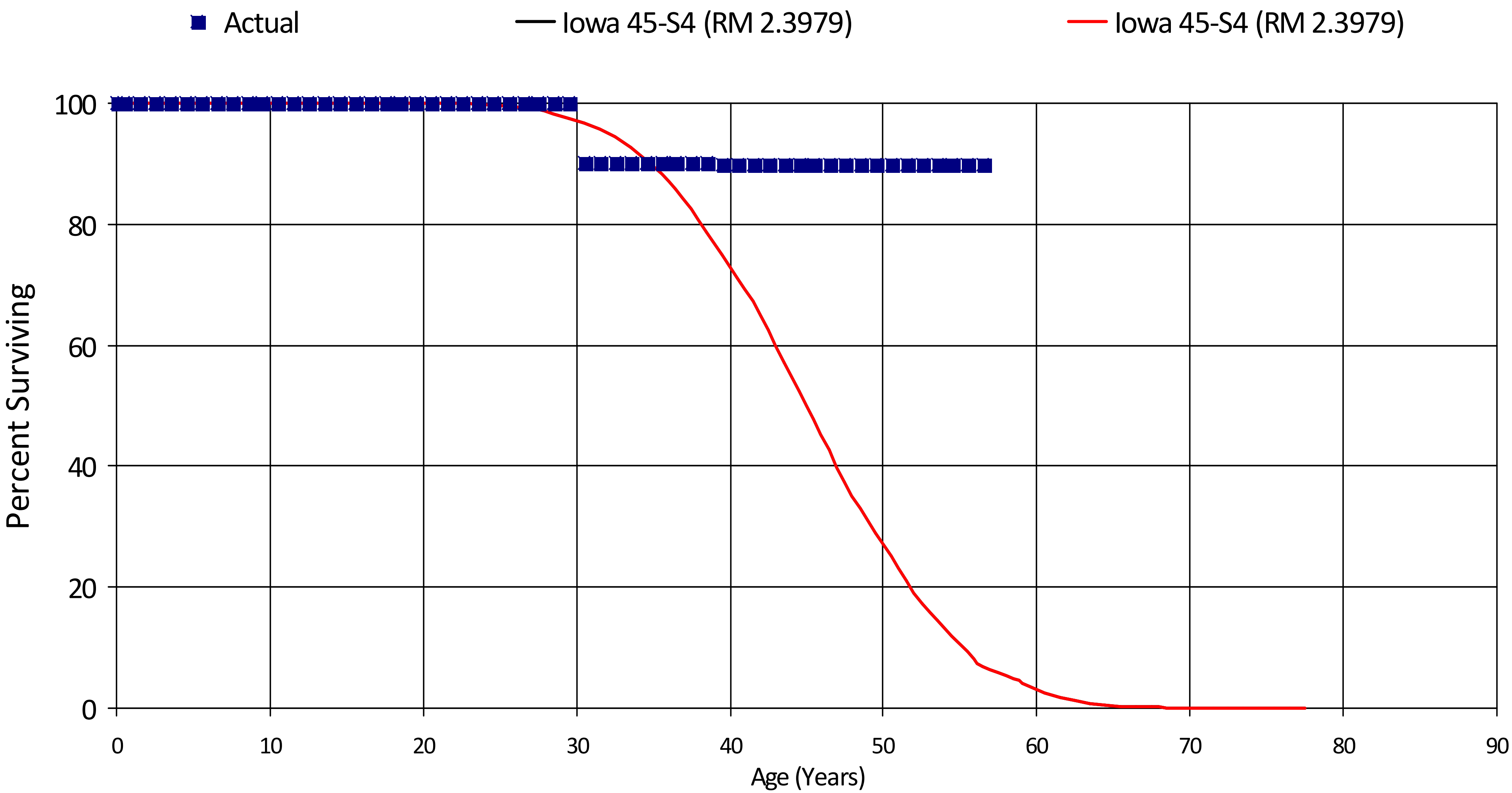
27.5	620,704	0	0.00000	1.00000	100.00
28.5	620,704	0	0.00000	1.00000	100.00
29.5	620,704	0	0.00000	1.00000	100.00
30.5	620,704	0	0.00000	1.00000	100.00
31.5	620,704	0	0.00000	1.00000	100.00
32.5	183,019	0	0.00000	1.00000	100.00
33.5	183,019	0	0.00000	1.00000	100.00
34.5	183,019	0	0.00000	1.00000	100.00
35.5	173,749	0	0.00000	1.00000	100.00
36.5	173,749	0	0.00000	1.00000	100.00
37.5	173,749	90,050	0.51828	0.48172	100.00
38.5	83,699	0	0.00000	1.00000	48.17
39.5	83,699	0	0.00000	1.00000	48.17
40.5	83,699	0	0.00000	1.00000	48.17
41.5	83,699	0	0.00000	1.00000	48.17
42.5	83,699	0	0.00000	1.00000	48.17
43.5	83,699	0	0.00000	1.00000	48.17
44.5	83,699	0	0.00000	1.00000	48.17
45.5	83,699	0	0.00000	1.00000	48.17
46.5	83,699	0	0.00000	1.00000	48.17
47.5	83,699	0	0.00000	1.00000	48.17
48.5	83,699	0	0.00000	1.00000	48.17
49.5	83,699	0	0.00000	1.00000	48.17
	Totals:	90,050			

Newfoundland and Labrador Hydro

Account G06 - Govenors

Placement Band - 1967 - 2024   Experience Band - 2006 - 2024

Actual and Smooth Survivor Curves



Account G06 - Govenors

Placement Band - 1967 - 2024   Experience Band - 2006 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	8,383,996	0	0.00000	1.00000	100.00
0.5	8,325,247	0	0.00000	1.00000	100.00
1.5	8,325,247	0	0.00000	1.00000	100.00
2.5	8,325,247	0	0.00000	1.00000	100.00
3.5	8,325,247	0	0.00000	1.00000	100.00
4.5	8,325,247	0	0.00000	1.00000	100.00
5.5	8,325,247	0	0.00000	1.00000	100.00
6.5	8,325,247	0	0.00000	1.00000	100.00
7.5	8,325,247	0	0.00000	1.00000	100.00
8.5	8,325,247	0	0.00000	1.00000	100.00
9.5	8,325,247	0	0.00000	1.00000	100.00
10.5	8,325,247	0	0.00000	1.00000	100.00
11.5	8,325,247	0	0.00000	1.00000	100.00
12.5	8,325,247	0	0.00000	1.00000	100.00
13.5	8,325,247	0	0.00000	1.00000	100.00
14.5	8,325,247	0	0.00000	1.00000	100.00
15.5	7,030,033	0	0.00000	1.00000	100.00
16.5	7,030,033	0	0.00000	1.00000	100.00
17.5	7,030,033	0	0.00000	1.00000	100.00
18.5	6,117,520	0	0.00000	1.00000	100.00
19.5	6,117,520	0	0.00000	1.00000	100.00
20.5	6,117,520	0	0.00000	1.00000	100.00
21.5	5,494,369	0	0.00000	1.00000	100.00
22.5	4,899,735	0	0.00000	1.00000	100.00
23.5	4,899,735	0	0.00000	1.00000	100.00
24.5	4,899,735	0	0.00000	1.00000	100.00
25.5	4,899,735	0	0.00000	1.00000	100.00
26.5	4,899,735	0	0.00000	1.00000	100.00

Account G06 - Govenors

Placement Band - 1967 - 2024   Experience Band - 2006 - 2024

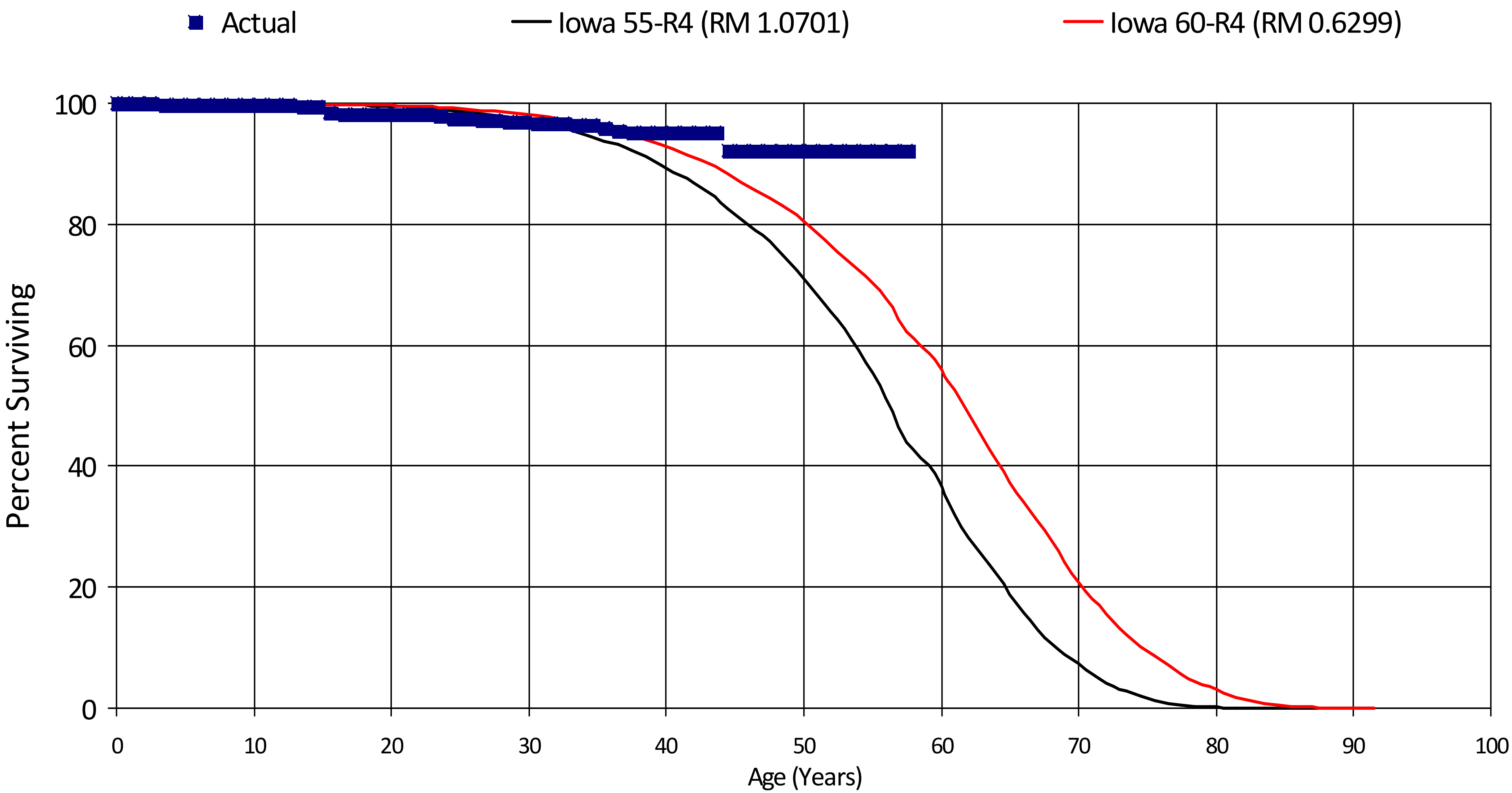
27.5	4,899,735	0	0.00000	1.00000	100.00
28.5	4,888,296	0	0.00000	1.00000	100.00
29.5	4,888,296	486,252	0.09947	0.90053	100.00
30.5	4,402,044	0	0.00000	1.00000	90.05
31.5	4,402,044	0	0.00000	1.00000	90.05
32.5	4,402,044	0	0.00000	1.00000	90.05
33.5	4,402,044	0	0.00000	1.00000	90.05
34.5	4,402,044	0	0.00000	1.00000	90.05
35.5	4,402,044	0	0.00000	1.00000	90.05
36.5	4,402,044	0	0.00000	1.00000	90.05
37.5	4,402,044	0	0.00000	1.00000	90.05
38.5	4,402,044	13,592	0.00309	0.99691	90.05
39.5	2,981,590	0	0.00000	1.00000	89.77
40.5	2,981,590	0	0.00000	1.00000	89.77
41.5	2,981,590	0	0.00000	1.00000	89.77
42.5	675,741	0	0.00000	1.00000	89.77
43.5	675,741	0	0.00000	1.00000	89.77
44.5	424,738	0	0.00000	1.00000	89.77
45.5	424,738	0	0.00000	1.00000	89.77
46.5	424,738	0	0.00000	1.00000	89.77
47.5	281,513	0	0.00000	1.00000	89.77
48.5	281,513	0	0.00000	1.00000	89.77
49.5	281,513	0	0.00000	1.00000	89.77
50.5	281,513	0	0.00000	1.00000	89.77
51.5	281,513	0	0.00000	1.00000	89.77
52.5	281,513	0	0.00000	1.00000	89.77
53.5	203,784	0	0.00000	1.00000	89.77
54.5	139,962	0	0.00000	1.00000	89.77
55.5	139,962	0	0.00000	1.00000	89.77
56.5	62,233	0	0.00000	1.00000	89.77
	Totals:	499,844			

Newfoundland and Labrador Hydro

Account G07 - Ground Wire System

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



Account G07 - Ground Wire System

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	31,262,680	0	0.00000	1.00000	100.00
0.5	31,199,342	0	0.00000	1.00000	100.00
1.5	30,291,169	36,905	0.00122	0.99878	100.00
2.5	28,581,202	2,405	0.00008	0.99992	99.88
3.5	28,422,675	23,099	0.00081	0.99919	99.87
4.5	23,877,215	2,351	0.00010	0.99990	99.79
5.5	21,638,322	11,099	0.00051	0.99949	99.78
6.5	19,632,872	2,960	0.00015	0.99985	99.73
7.5	10,699,519	0	0.00000	1.00000	99.72
8.5	10,644,592	0	0.00000	1.00000	99.72
9.5	10,013,777	510	0.00005	0.99995	99.72
10.5	9,471,952	0	0.00000	1.00000	99.72
11.5	8,829,090	0	0.00000	1.00000	99.72
12.5	8,208,391	21,116	0.00257	0.99743	99.72
13.5	7,909,999	0	0.00000	1.00000	99.46
14.5	7,642,277	73,158	0.00957	0.99043	99.46
15.5	7,394,280	25,760	0.00348	0.99652	98.51
16.5	6,315,661	806	0.00013	0.99987	98.17
17.5	6,314,855	0	0.00000	1.00000	98.16
18.5	6,262,528	0	0.00000	1.00000	98.16
19.5	6,242,596	0	0.00000	1.00000	98.16
20.5	6,233,155	0	0.00000	1.00000	98.16
21.5	5,824,603	0	0.00000	1.00000	98.16
22.5	5,760,733	6,802	0.00118	0.99882	98.16
23.5	5,400,567	28,527	0.00528	0.99472	98.04
24.5	5,262,841	230	0.00004	0.99996	97.52
25.5	5,262,611	17,549	0.00333	0.99667	97.52
26.5	5,245,061	0	0.00000	1.00000	97.20

Newfoundland and Labrador Hydro

Account G07 - Ground Wire System

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

27.5	5,217,407	16,470	0.00316	0.99684	97.20
28.5	5,058,383	194	0.00004	0.99996	96.89
29.5	4,642,791	6,426	0.00138	0.99862	96.89
30.5	4,630,752	773	0.00017	0.99983	96.76
31.5	4,618,659	4,607	0.00100	0.99900	96.74
32.5	4,399,041	6,833	0.00155	0.99845	96.64
33.5	3,871,320	281	0.00007	0.99993	96.49
34.5	3,402,242	19,030	0.00559	0.99441	96.48
35.5	3,100,186	17,206	0.00555	0.99445	95.94
36.5	3,038,964	6,546	0.00215	0.99785	95.41
37.5	2,888,396	0	0.00000	1.00000	95.20
38.5	2,858,788	0	0.00000	1.00000	95.20
39.5	2,403,085	23	0.00001	0.99999	95.20
40.5	2,403,062	1,294	0.00054	0.99946	95.20
41.5	2,049,536	0	0.00000	1.00000	95.15
42.5	1,702,547	0	0.00000	1.00000	95.15
43.5	1,630,421	53,256	0.03266	0.96734	95.15
44.5	1,207,712	0	0.00000	1.00000	92.04
45.5	1,131,256	0	0.00000	1.00000	92.04
46.5	937,098	0	0.00000	1.00000	92.04
47.5	894,712	0	0.00000	1.00000	92.04
48.5	890,088	0	0.00000	1.00000	92.04
49.5	842,195	0	0.00000	1.00000	92.04
50.5	620,595	0	0.00000	1.00000	92.04
51.5	620,595	0	0.00000	1.00000	92.04
52.5	504,251	0	0.00000	1.00000	92.04
53.5	451,178	0	0.00000	1.00000	92.04
54.5	278,958	0	0.00000	1.00000	92.04
55.5	278,958	0	0.00000	1.00000	92.04
56.5	184,040	0	0.00000	1.00000	92.04
57.5	2,824	0	0.00000	1.00000	92.04

Newfoundland and Labrador Hydro

Account G07 - Ground Wire System

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

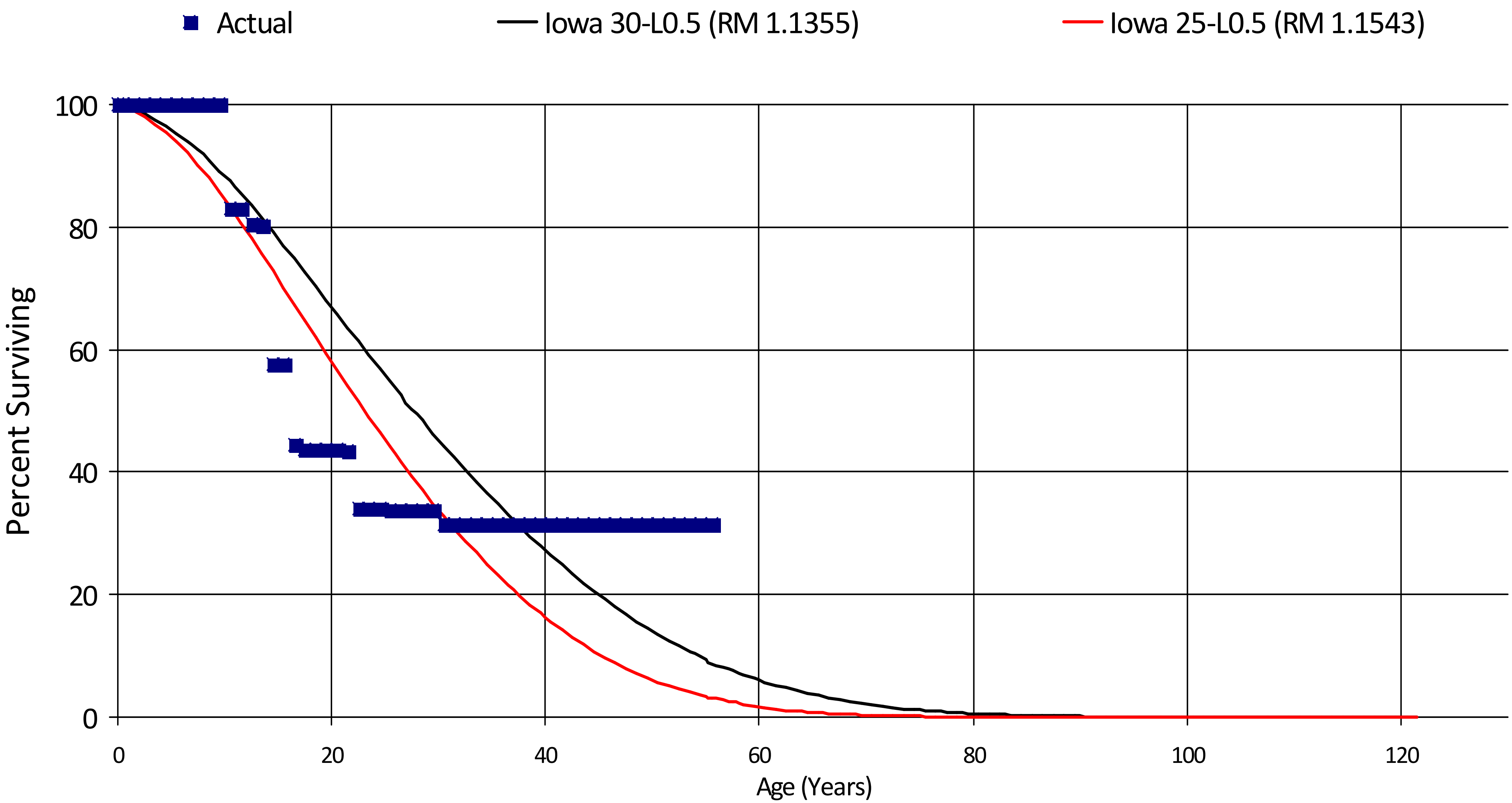
Totals: 386,216

Newfoundland and Labrador Hydro

Account I02 - Instrumentation

Placement Band - 1968 - 2024   Experience Band - 1995 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account I02 - Instrumentation

Placement Band - 1968 - 2024   Experience Band - 1995 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	18,000,149	0	0.00000	1.00000	100.00
0.5	18,000,149	0	0.00000	1.00000	100.00
1.5	18,000,149	0	0.00000	1.00000	100.00
2.5	17,779,337	0	0.00000	1.00000	100.00
3.5	17,540,702	0	0.00000	1.00000	100.00
4.5	16,702,355	0	0.00000	1.00000	100.00
5.5	16,702,355	3,719	0.00022	0.99978	100.00
6.5	16,465,853	0	0.00000	1.00000	99.98
7.5	15,850,033	0	0.00000	1.00000	99.98
8.5	14,857,965	0	0.00000	1.00000	99.98
9.5	14,857,965	2,527,190	0.17009	0.82991	99.98
10.5	12,330,775	0	0.00000	1.00000	82.97
11.5	12,330,775	360,630	0.02925	0.97075	82.97
12.5	11,924,773	45,673	0.00383	0.99617	80.54
13.5	11,879,100	3,351,016	0.28209	0.71791	80.23
14.5	8,528,084	0	0.00000	1.00000	57.60
15.5	8,528,084	1,953,783	0.22910	0.77090	57.60
16.5	6,574,301	112,234	0.01707	0.98293	44.40
17.5	6,462,067	7,009	0.00108	0.99892	43.64
18.5	6,137,766	0	0.00000	1.00000	43.59
19.5	6,090,483	0	0.00000	1.00000	43.59
20.5	6,090,483	39,474	0.00648	0.99352	43.59
21.5	6,051,009	1,309,202	0.21636	0.78364	43.31
22.5	4,723,359	0	0.00000	1.00000	33.94
23.5	4,723,359	1,036	0.00022	0.99978	33.94
24.5	4,722,323	18,112	0.00384	0.99616	33.93
25.5	4,347,869	0	0.00000	1.00000	33.80
26.5	4,347,869	0	0.00000	1.00000	33.80

Newfoundland and Labrador Hydro

Account I02 - Instrumentation

Placement Band - 1968 - 2024   Experience Band - 1995 - 2024

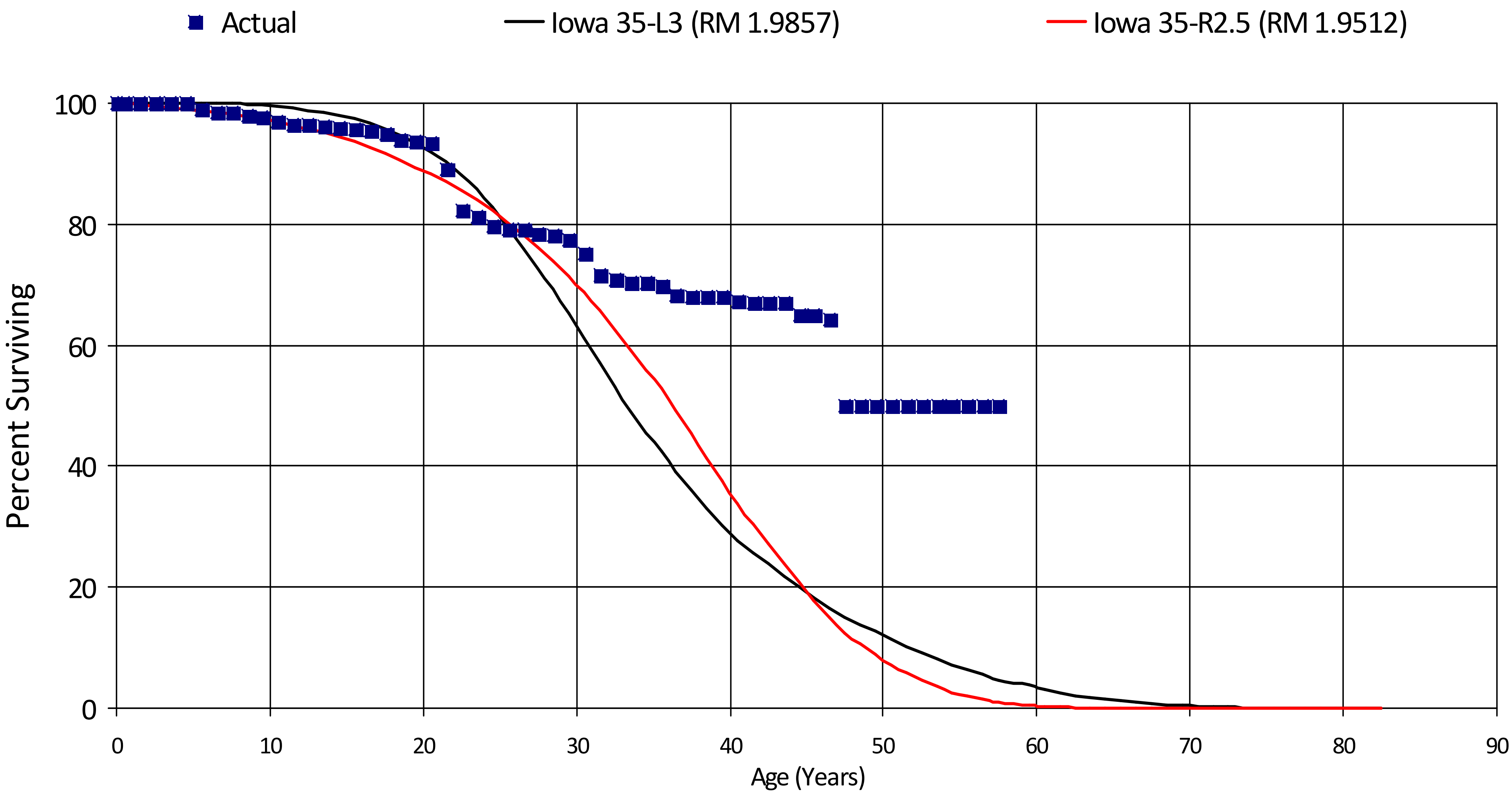
27.5	4,347,869	0	0.00000	1.00000	33.80
28.5	4,347,869	1,135	0.00026	0.99974	33.80
29.5	4,346,734	309,494	0.07120	0.92880	33.79
30.5	3,933,021	0	0.00000	1.00000	31.38
31.5	3,933,021	0	0.00000	1.00000	31.38
32.5	3,933,021	3,479	0.00088	0.99912	31.38
33.5	3,929,542	0	0.00000	1.00000	31.35
34.5	3,411,135	0	0.00000	1.00000	31.35
35.5	3,411,135	0	0.00000	1.00000	31.35
36.5	3,411,135	0	0.00000	1.00000	31.35
37.5	3,391,604	0	0.00000	1.00000	31.35
38.5	3,391,604	0	0.00000	1.00000	31.35
39.5	3,391,604	0	0.00000	1.00000	31.35
40.5	3,391,604	0	0.00000	1.00000	31.35
41.5	3,391,604	0	0.00000	1.00000	31.35
42.5	3,391,604	0	0.00000	1.00000	31.35
43.5	3,391,604	0	0.00000	1.00000	31.35
44.5	3,391,604	0	0.00000	1.00000	31.35
45.5	3,366,271	0	0.00000	1.00000	31.35
46.5	3,366,271	0	0.00000	1.00000	31.35
47.5	3,366,271	0	0.00000	1.00000	31.35
48.5	3,366,271	0	0.00000	1.00000	31.35
49.5	3,366,271	0	0.00000	1.00000	31.35
50.5	3,366,271	0	0.00000	1.00000	31.35
51.5	3,366,271	0	0.00000	1.00000	31.35
52.5	3,366,271	0	0.00000	1.00000	31.35
53.5	1,803,443	0	0.00000	1.00000	31.35
54.5	1,803,443	0	0.00000	1.00000	31.35
55.5	1,270,122	0	0.00000	1.00000	31.35
	Totals:	10,043,186			

Newfoundland and Labrador Hydro

Account I03 - Insulators

Placement Band - 1966 - 2024 Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	54,921,722	0	0.00000	1.00000	100.00
0.5	54,921,722	9,882	0.00018	0.99982	100.00
1.5	54,736,780	0	0.00000	1.00000	99.98
2.5	54,736,780	0	0.00000	1.00000	99.98
3.5	54,386,342	0	0.00000	1.00000	99.98
4.5	53,994,786	589,748	0.01092	0.98908	99.98
5.5	53,176,317	160,151	0.00301	0.99699	98.89
6.5	50,611,341	43,594	0.00086	0.99914	98.59
7.5	48,098,646	213,239	0.00443	0.99557	98.51
8.5	45,105,574	146,912	0.00326	0.99674	98.07
9.5	44,890,703	387,738	0.00864	0.99136	97.75
10.5	42,406,979	176,126	0.00415	0.99585	96.91
11.5	42,084,537	21,157	0.00050	0.99950	96.51
12.5	41,687,406	151,853	0.00364	0.99636	96.46
13.5	41,044,778	77,779	0.00189	0.99811	96.11
14.5	40,643,109	157,757	0.00388	0.99612	95.93
15.5	38,586,012	66,360	0.00172	0.99828	95.56
16.5	37,888,986	226,632	0.00598	0.99402	95.40
17.5	34,525,390	305,937	0.00886	0.99114	94.83
18.5	32,895,195	102,486	0.00312	0.99688	93.99
19.5	32,459,537	116,445	0.00359	0.99641	93.70
20.5	29,567,122	1,345,978	0.04552	0.95448	93.36
21.5	26,379,802	2,050,269	0.07772	0.92228	89.11
22.5	22,405,940	259,059	0.01156	0.98844	82.18
23.5	21,465,238	439,868	0.02049	0.97951	81.23
24.5	20,073,973	75,091	0.00374	0.99626	79.57
25.5	18,988,268	40,990	0.00216	0.99784	79.27
26.5	18,226,830	149,312	0.00819	0.99181	79.10

Account I03 - Insulators

Placement Band - 1966 - 2024 Experience Band - 1991 - 2024

27.5	17,187,640	73,191	0.00426	0.99574	78.45
28.5	15,340,924	132,011	0.00861	0.99139	78.12
29.5	13,495,037	399,149	0.02958	0.97042	77.45
30.5	12,126,569	591,635	0.04879	0.95121	75.16
31.5	10,376,619	85,526	0.00824	0.99176	71.49
32.5	9,562,590	90,079	0.00942	0.99058	70.90
33.5	7,810,095	1,295	0.00017	0.99983	70.23
34.5	4,598,128	24,135	0.00525	0.99475	70.22
35.5	3,973,154	92,754	0.02335	0.97665	69.85
36.5	3,304,817	4,780	0.00145	0.99855	68.22
37.5	2,774,159	0	0.00000	1.00000	68.12
38.5	2,766,597	0	0.00000	1.00000	68.12
39.5	1,767,422	22,438	0.01270	0.98730	68.12
40.5	1,744,984	5,271	0.00302	0.99698	67.25
41.5	1,109,233	0	0.00000	1.00000	67.05
42.5	696,498	1,243	0.00178	0.99822	67.05
43.5	633,429	18,088	0.02856	0.97144	66.93
44.5	604,030	0	0.00000	1.00000	65.02
45.5	589,248	7,564	0.01284	0.98716	65.02
46.5	547,221	120,099	0.21947	0.78053	64.19
47.5	376,839	0	0.00000	1.00000	50.10
48.5	375,347	0	0.00000	1.00000	50.10
49.5	374,833	0	0.00000	1.00000	50.10
50.5	362,353	0	0.00000	1.00000	50.10
51.5	362,353	0	0.00000	1.00000	50.10
52.5	339,934	0	0.00000	1.00000	50.10
53.5	339,934	0	0.00000	1.00000	50.10
54.5	243,558	0	0.00000	1.00000	50.10
55.5	193,160	0	0.00000	1.00000	50.10
56.5	78,951	0	0.00000	1.00000	50.10
57.5	0	0	0.00000	0.00000	50.10

Newfoundland and Labrador Hydro

Account I03 - Insulators

Placement Band - 1966 - 2024 Experience Band - 1991 - 2024

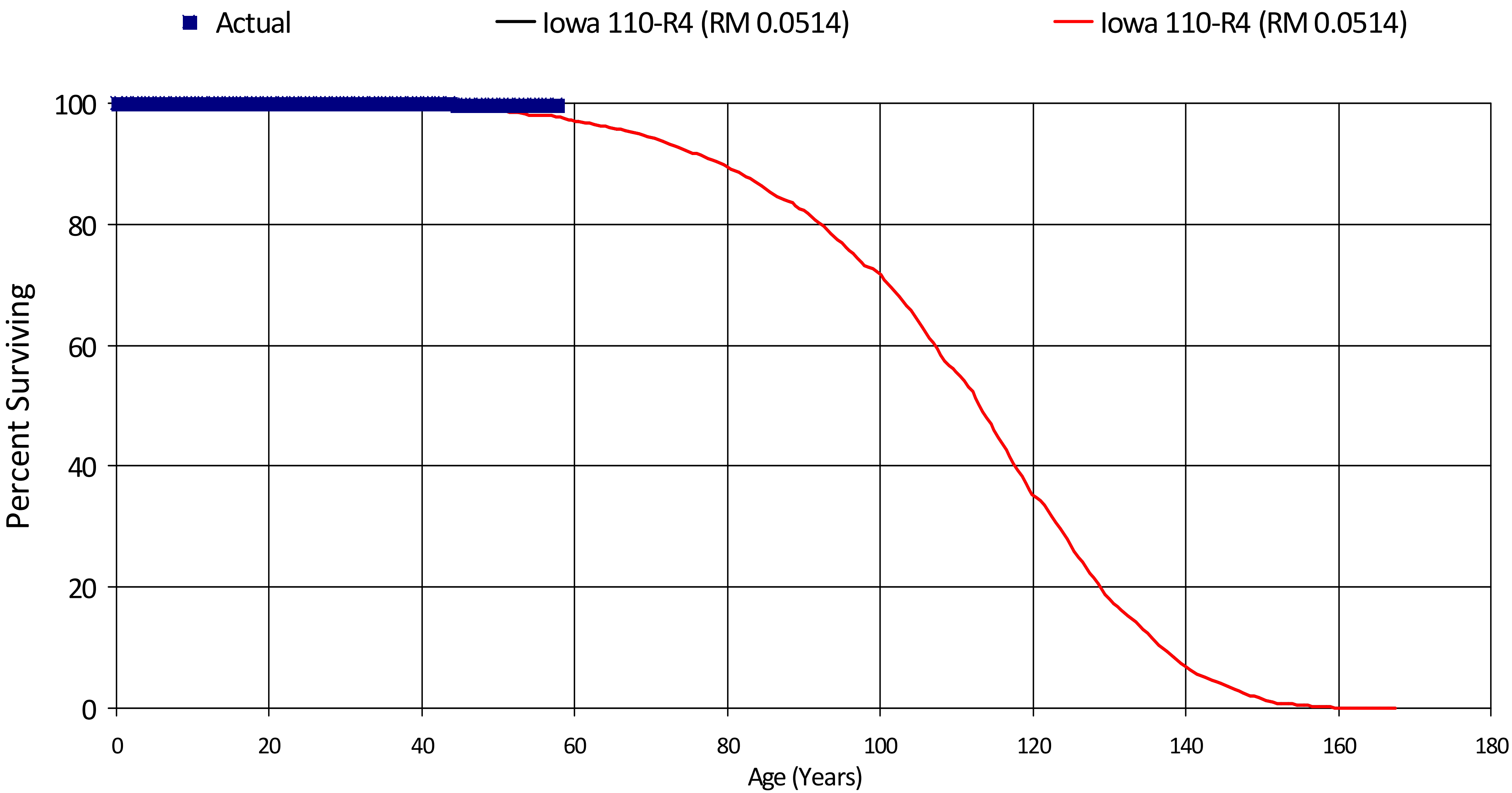
Totals:	8,983,621

Newfoundland and Labrador Hydro

Account I04 - Intake Structures

Placement Band - 1966 - 2024   Experience Band - 2017 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account I04 - Intake Structures

Placement Band - 1966 - 2024   Experience Band - 2017 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	28,029,561	0	0.00000	1.00000	100.00
0.5	28,029,561	0	0.00000	1.00000	100.00
1.5	25,024,886	0	0.00000	1.00000	100.00
2.5	25,024,886	0	0.00000	1.00000	100.00
3.5	19,854,287	0	0.00000	1.00000	100.00
4.5	19,854,287	0	0.00000	1.00000	100.00
5.5	19,854,287	0	0.00000	1.00000	100.00
6.5	19,724,490	0	0.00000	1.00000	100.00
7.5	19,724,490	0	0.00000	1.00000	100.00
8.5	19,435,834	0	0.00000	1.00000	100.00
9.5	19,435,834	0	0.00000	1.00000	100.00
10.5	19,435,834	0	0.00000	1.00000	100.00
11.5	19,435,834	0	0.00000	1.00000	100.00
12.5	19,435,834	0	0.00000	1.00000	100.00
13.5	19,435,834	0	0.00000	1.00000	100.00
14.5	19,435,834	0	0.00000	1.00000	100.00
15.5	19,435,834	0	0.00000	1.00000	100.00
16.5	19,435,834	0	0.00000	1.00000	100.00
17.5	19,435,834	0	0.00000	1.00000	100.00
18.5	19,435,834	0	0.00000	1.00000	100.00
19.5	19,435,834	0	0.00000	1.00000	100.00
20.5	19,435,834	0	0.00000	1.00000	100.00
21.5	15,526,020	0	0.00000	1.00000	100.00
22.5	15,501,975	0	0.00000	1.00000	100.00
23.5	15,501,975	0	0.00000	1.00000	100.00
24.5	15,501,975	0	0.00000	1.00000	100.00
25.5	15,501,975	0	0.00000	1.00000	100.00
26.5	15,501,975	0	0.00000	1.00000	100.00

Account I04 - Intake Structures

Placement Band - 1966 - 2024 Experience Band - 2017 - 2024

27.5	15,491,404	0	0.00000	1.00000	100.00
28.5	15,491,404	0	0.00000	1.00000	100.00
29.5	15,491,404	0	0.00000	1.00000	100.00
30.5	15,486,163	0	0.00000	1.00000	100.00
31.5	15,486,163	0	0.00000	1.00000	100.00
32.5	15,486,163	0	0.00000	1.00000	100.00
33.5	15,486,163	156	0.00001	0.99999	100.00
34.5	15,486,007	0	0.00000	1.00000	100.00
35.5	15,479,238	0	0.00000	1.00000	100.00
36.5	15,479,238	0	0.00000	1.00000	100.00
37.5	15,479,238	0	0.00000	1.00000	100.00
38.5	15,479,238	0	0.00000	1.00000	100.00
39.5	15,479,238	0	0.00000	1.00000	100.00
40.5	12,077,455	0	0.00000	1.00000	100.00
41.5	12,061,610	0	0.00000	1.00000	100.00
42.5	7,022,036	0	0.00000	1.00000	100.00
43.5	7,022,036	21,353	0.00304	0.99696	100.00
44.5	7,000,682	0	0.00000	1.00000	99.70
45.5	5,568,392	0	0.00000	1.00000	99.70
46.5	5,568,392	0	0.00000	1.00000	99.70
47.5	5,568,392	0	0.00000	1.00000	99.70
48.5	5,568,392	0	0.00000	1.00000	99.70
49.5	5,568,392	0	0.00000	1.00000	99.70
50.5	5,568,392	0	0.00000	1.00000	99.70
51.5	5,568,392	0	0.00000	1.00000	99.70
52.5	5,568,392	0	0.00000	1.00000	99.70
53.5	5,568,392	0	0.00000	1.00000	99.70
54.5	5,568,392	0	0.00000	1.00000	99.70
55.5	5,568,392	0	0.00000	1.00000	99.70
56.5	5,568,392	0	0.00000	1.00000	99.70
57.5	3,784,392	0	0.00000	1.00000	99.70

Newfoundland and Labrador Hydro

Account I04 - Intake Structures

Placement Band - 1966 - 2024 Experience Band - 2017 - 2024

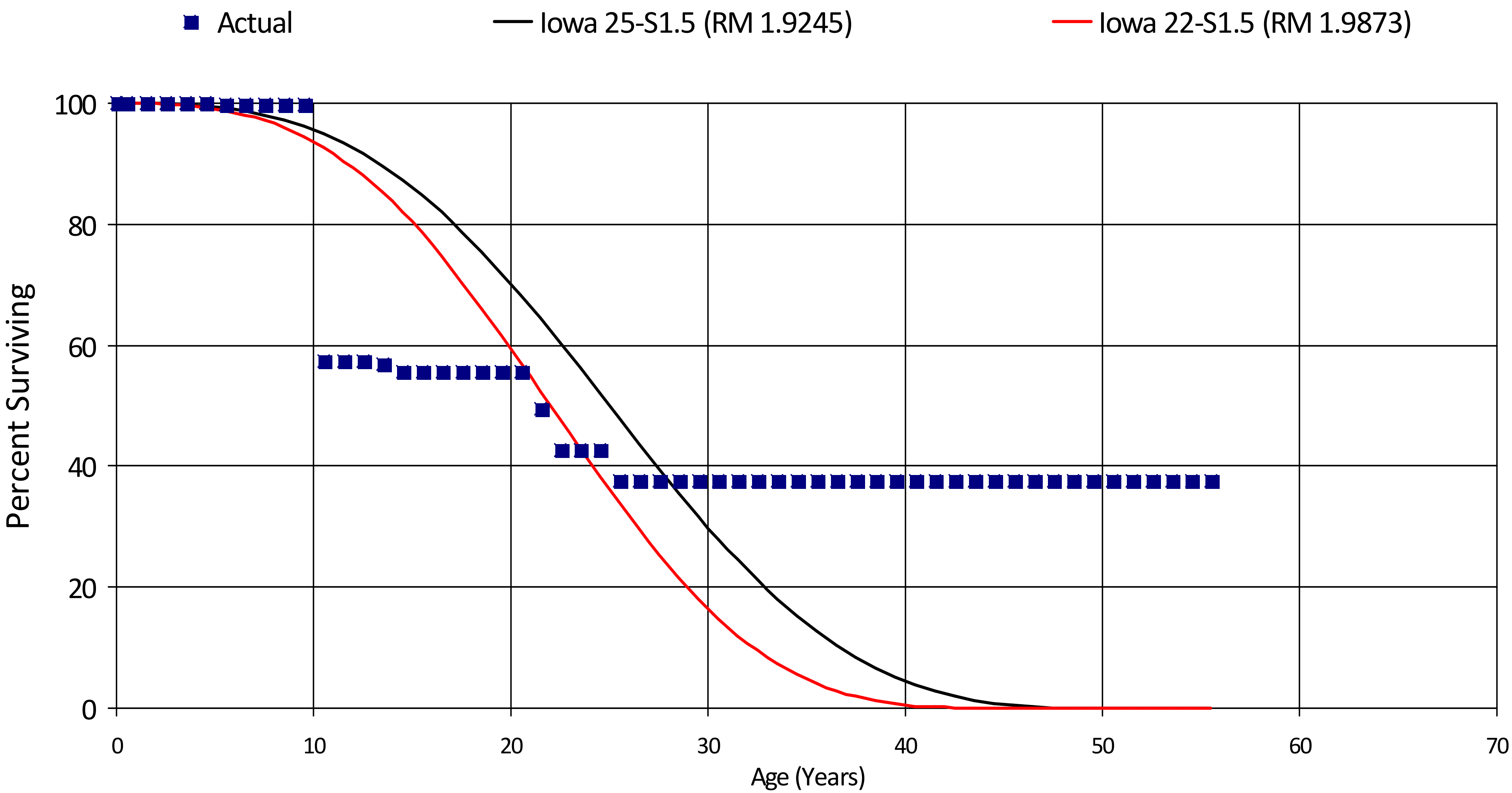
Totals:	21,509

Newfoundland and Labrador Hydro

Account I05 - Inverters

Placement Band - 1968 - 2024 Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



Account I05 - Inverters

Placement Band - 1968 - 2024   Experience Band - 1992 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	1,510,908	0	0.00000	1.00000	100.00
0.5	1,493,185	0	0.00000	1.00000	100.00
1.5	1,493,185	0	0.00000	1.00000	100.00
2.5	979,764	0	0.00000	1.00000	100.00
3.5	979,764	0	0.00000	1.00000	100.00
4.5	979,764	3,446	0.00352	0.99648	100.00
5.5	969,426	0	0.00000	1.00000	99.65
6.5	964,963	0	0.00000	1.00000	99.65
7.5	960,314	0	0.00000	1.00000	99.65
8.5	960,314	0	0.00000	1.00000	99.65
9.5	910,509	385,595	0.42349	0.57651	99.65
10.5	519,271	0	0.00000	1.00000	57.45
11.5	519,271	0	0.00000	1.00000	57.45
12.5	514,306	6,319	0.01229	0.98771	57.45
13.5	507,988	9,811	0.01931	0.98069	56.74
14.5	498,177	0	0.00000	1.00000	55.64
15.5	498,177	0	0.00000	1.00000	55.64
16.5	498,177	0	0.00000	1.00000	55.64
17.5	498,177	0	0.00000	1.00000	55.64
18.5	481,904	0	0.00000	1.00000	55.64
19.5	481,904	0	0.00000	1.00000	55.64
20.5	481,904	53,476	0.11097	0.88903	55.64
21.5	428,428	58,409	0.13633	0.86367	49.47
22.5	370,019	0	0.00000	1.00000	42.73
23.5	370,019	0	0.00000	1.00000	42.73
24.5	358,051	44,000	0.12289	0.87711	42.73
25.5	314,051	0	0.00000	1.00000	37.48
26.5	314,051	0	0.00000	1.00000	37.48

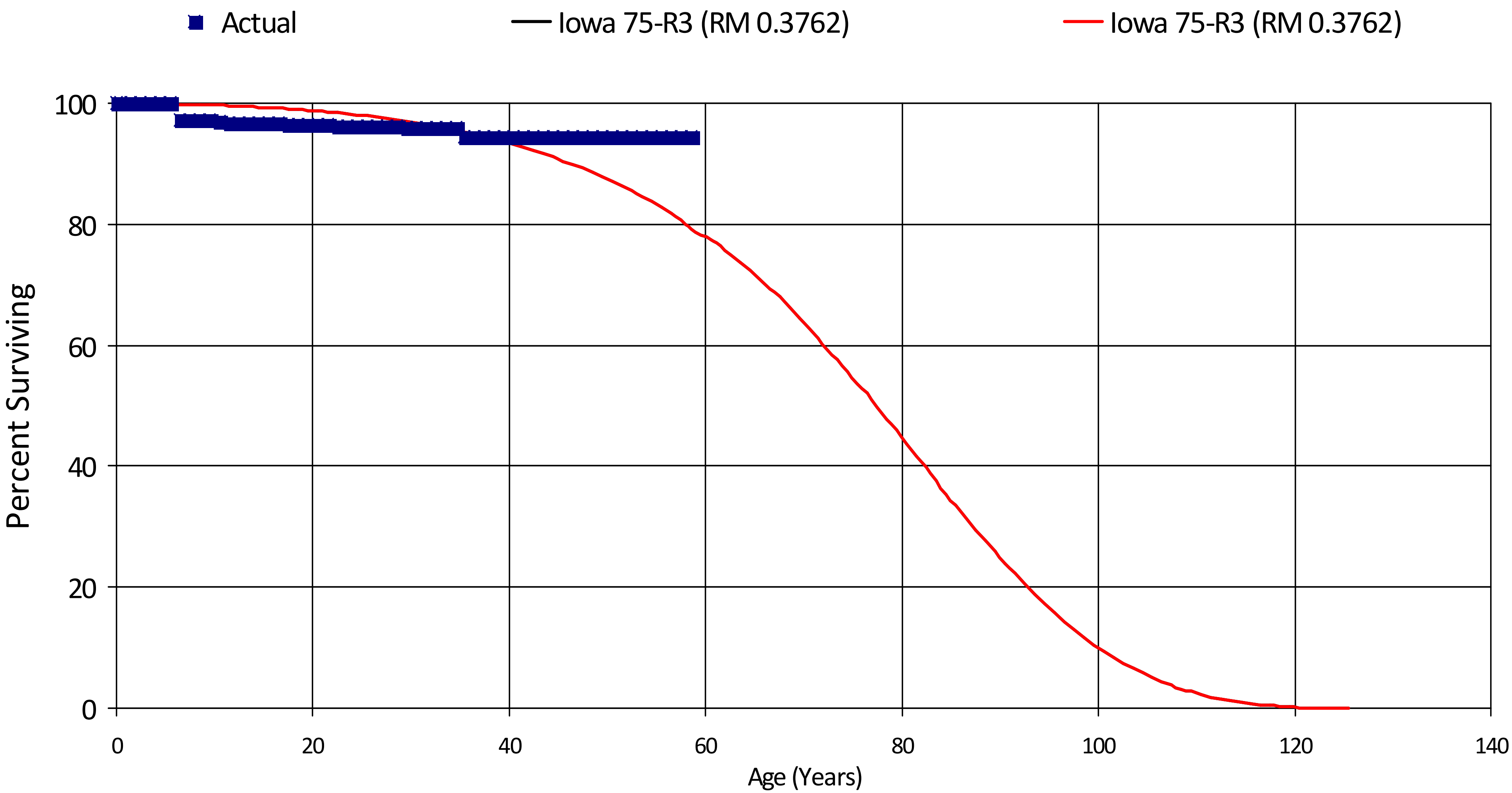
27.5	314,051	0	0.00000	1.00000	37.48
28.5	296,446	0	0.00000	1.00000	37.48
29.5	296,446	0	0.00000	1.00000	37.48
30.5	296,446	0	0.00000	1.00000	37.48
31.5	296,446	0	0.00000	1.00000	37.48
32.5	296,446	0	0.00000	1.00000	37.48
33.5	296,446	0	0.00000	1.00000	37.48
34.5	296,446	0	0.00000	1.00000	37.48
35.5	296,446	0	0.00000	1.00000	37.48
36.5	296,446	0	0.00000	1.00000	37.48
37.5	296,446	0	0.00000	1.00000	37.48
38.5	296,446	0	0.00000	1.00000	37.48
39.5	296,446	0	0.00000	1.00000	37.48
40.5	296,446	0	0.00000	1.00000	37.48
41.5	296,446	0	0.00000	1.00000	37.48
42.5	296,446	0	0.00000	1.00000	37.48
43.5	296,446	0	0.00000	1.00000	37.48
44.5	296,446	0	0.00000	1.00000	37.48
45.5	182,291	0	0.00000	1.00000	37.48
46.5	182,291	0	0.00000	1.00000	37.48
47.5	182,291	0	0.00000	1.00000	37.48
48.5	182,291	0	0.00000	1.00000	37.48
49.5	182,291	0	0.00000	1.00000	37.48
50.5	182,291	0	0.00000	1.00000	37.48
51.5	182,291	0	0.00000	1.00000	37.48
52.5	182,291	0	0.00000	1.00000	37.48
53.5	182,291	0	0.00000	1.00000	37.48
54.5	182,291	0	0.00000	1.00000	37.48
55.5	182,291	0	0.00000	1.00000	37.48
	Totals:	561,056			

Newfoundland and Labrador Hydro

Account L03 - Land Improvements

Placement Band - 1965 - 2024 Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	19,084,216	0	0.00000	1.00000	100.00
0.5	18,898,868	0	0.00000	1.00000	100.00
1.5	18,898,868	0	0.00000	1.00000	100.00
2.5	18,898,868	0	0.00000	1.00000	100.00
3.5	18,583,777	0	0.00000	1.00000	100.00
4.5	16,039,943	0	0.00000	1.00000	100.00
5.5	15,680,743	434,171	0.02769	0.97231	100.00
6.5	14,771,039	0	0.00000	1.00000	97.23
7.5	14,069,139	3,813	0.00027	0.99973	97.23
8.5	14,065,326	0	0.00000	1.00000	97.20
9.5	13,678,014	18,971	0.00139	0.99861	97.20
10.5	13,289,260	42,480	0.00320	0.99680	97.06
11.5	13,246,780	0	0.00000	1.00000	96.75
12.5	13,197,096	0	0.00000	1.00000	96.75
13.5	13,132,316	0	0.00000	1.00000	96.75
14.5	13,118,932	15,446	0.00118	0.99882	96.75
15.5	12,835,121	6,107	0.00048	0.99952	96.64
16.5	12,764,473	9,618	0.00075	0.99925	96.59
17.5	12,754,855	2,739	0.00021	0.99979	96.52
18.5	12,641,626	0	0.00000	1.00000	96.50
19.5	12,554,197	6,476	0.00052	0.99948	96.50
20.5	12,445,104	12,318	0.00099	0.99901	96.45
21.5	12,204,123	11,197	0.00092	0.99908	96.35
22.5	12,020,242	13,034	0.00108	0.99892	96.26
23.5	12,007,208	0	0.00000	1.00000	96.16
24.5	11,934,178	5,711	0.00048	0.99952	96.16
25.5	11,828,354	0	0.00000	1.00000	96.11
26.5	11,506,849	0	0.00000	1.00000	96.11

Account L03 - Land Improvements

Placement Band - 1965 - 2024 Experience Band - 1999 - 2024

27.5	11,482,410	311	0.00003	0.99997	96.11
28.5	11,226,224	12,812	0.00114	0.99886	96.11
29.5	10,868,621	7,420	0.00068	0.99932	96.00
30.5	10,673,938	0	0.00000	1.00000	95.93
31.5	10,541,369	0	0.00000	1.00000	95.93
32.5	9,975,515	0	0.00000	1.00000	95.93
33.5	9,534,765	0	0.00000	1.00000	95.93
34.5	8,768,949	139,797	0.01594	0.98406	95.93
35.5	6,698,882	0	0.00000	1.00000	94.40
36.5	6,510,124	0	0.00000	1.00000	94.40
37.5	5,949,284	0	0.00000	1.00000	94.40
38.5	5,863,753	350	0.00006	0.99994	94.40
39.5	5,611,015	0	0.00000	1.00000	94.39
40.5	5,519,308	0	0.00000	1.00000	94.39
41.5	5,259,052	0	0.00000	1.00000	94.39
42.5	4,742,807	0	0.00000	1.00000	94.39
43.5	4,470,853	0	0.00000	1.00000	94.39
44.5	3,448,833	0	0.00000	1.00000	94.39
45.5	3,411,707	0	0.00000	1.00000	94.39
46.5	2,633,937	0	0.00000	1.00000	94.39
47.5	2,242,422	0	0.00000	1.00000	94.39
48.5	2,181,133	0	0.00000	1.00000	94.39
49.5	2,121,180	0	0.00000	1.00000	94.39
50.5	1,858,787	0	0.00000	1.00000	94.39
51.5	1,858,787	0	0.00000	1.00000	94.39
52.5	1,572,568	0	0.00000	1.00000	94.39
53.5	575,791	0	0.00000	1.00000	94.39
54.5	262,197	0	0.00000	1.00000	94.39
55.5	262,197	0	0.00000	1.00000	94.39
56.5	180,098	0	0.00000	1.00000	94.39
57.5	5,754	0	0.00000	1.00000	94.39

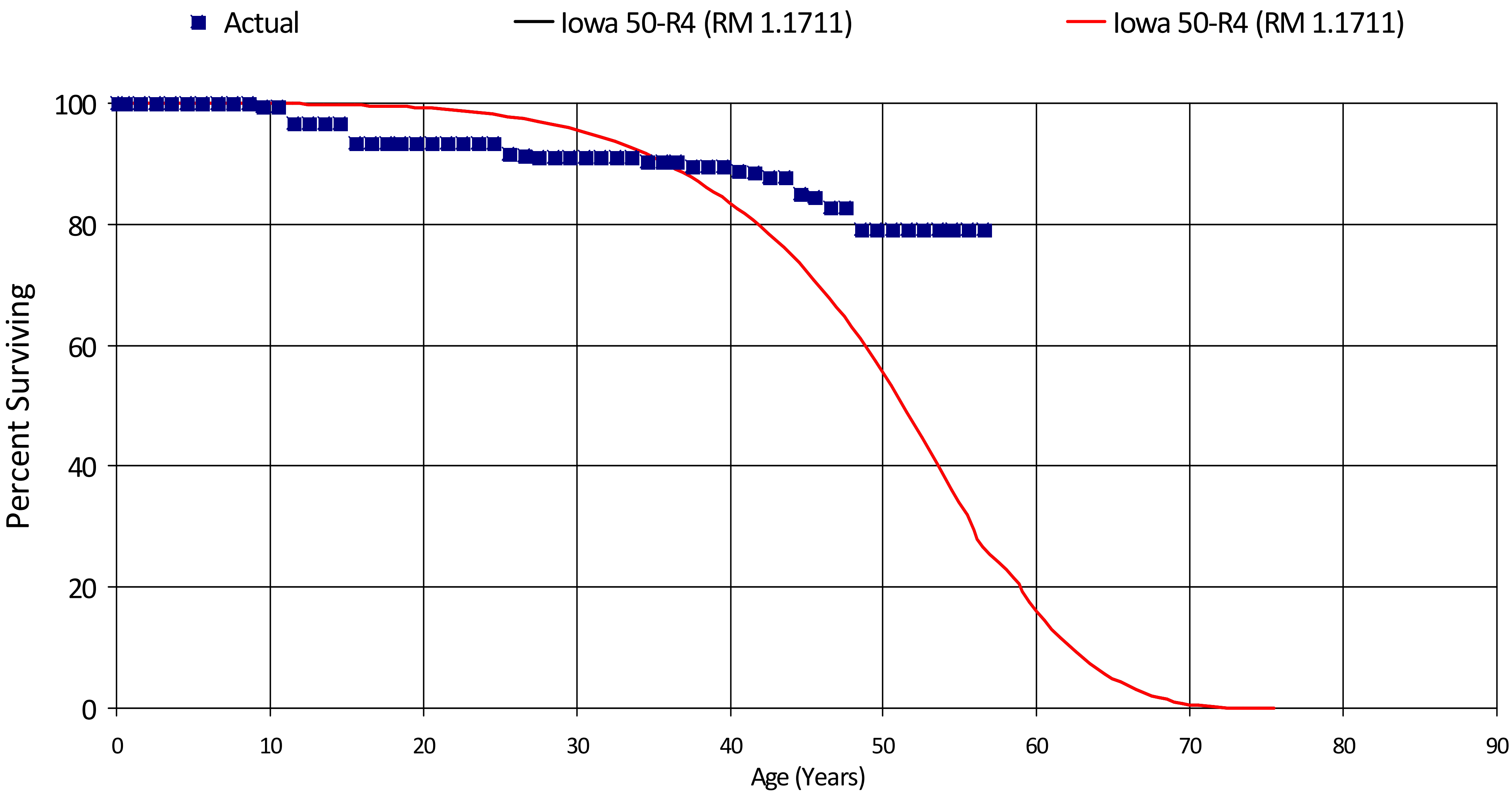
58.5	5,754	0	0.00000	1.00000	94.39
	Totals:	742,771			

Newfoundland and Labrador Hydro

Account L04 - Lighting Systems

Placement Band - 1967 - 2024   Experience Band - 2000 - 2024

Actual and Smooth Survivor Curves



Account L04 - Lighting Systems

Placement Band - 1967 - 2024   Experience Band - 2000 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	5,220,287	0	0.00000	1.00000	100.00
0.5	4,570,445	0	0.00000	1.00000	100.00
1.5	3,940,651	0	0.00000	1.00000	100.00
2.5	3,738,746	0	0.00000	1.00000	100.00
3.5	3,371,012	0	0.00000	1.00000	100.00
4.5	3,135,176	788	0.00025	0.99975	100.00
5.5	2,818,674	0	0.00000	1.00000	99.98
6.5	2,547,153	0	0.00000	1.00000	99.98
7.5	897,495	0	0.00000	1.00000	99.98
8.5	699,137	3,887	0.00556	0.99444	99.98
9.5	695,250	0	0.00000	1.00000	99.42
10.5	695,250	18,706	0.02691	0.97309	99.42
11.5	653,098	0	0.00000	1.00000	96.74
12.5	560,071	0	0.00000	1.00000	96.74
13.5	560,071	0	0.00000	1.00000	96.74
14.5	560,071	18,968	0.03387	0.96613	96.74
15.5	541,102	0	0.00000	1.00000	93.46
16.5	541,102	0	0.00000	1.00000	93.46
17.5	541,102	0	0.00000	1.00000	93.46
18.5	541,102	0	0.00000	1.00000	93.46
19.5	541,102	0	0.00000	1.00000	93.46
20.5	541,102	0	0.00000	1.00000	93.46
21.5	541,102	0	0.00000	1.00000	93.46
22.5	541,102	251	0.00046	0.99954	93.46
23.5	540,852	0	0.00000	1.00000	93.42
24.5	540,852	10,981	0.02030	0.97970	93.42
25.5	529,871	548	0.00103	0.99897	91.52
26.5	529,323	1,862	0.00352	0.99648	91.43

Account L04 - Lighting Systems

Placement Band - 1967 - 2024 Experience Band - 2000 - 2024

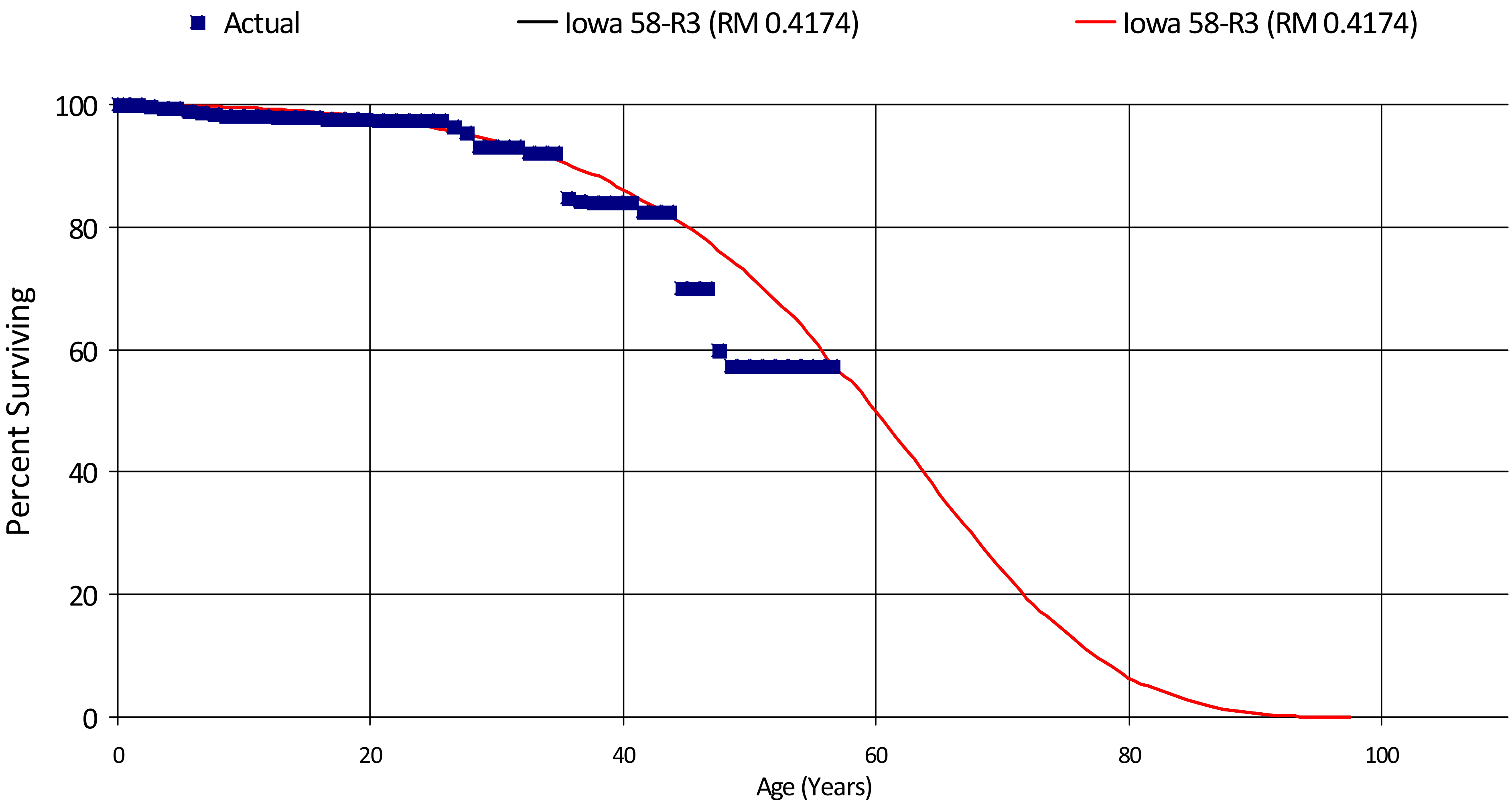
27.5	527,461	0	0.00000	1.00000	91.11
28.5	527,461	0	0.00000	1.00000	91.11
29.5	527,461	0	0.00000	1.00000	91.11
30.5	527,461	0	0.00000	1.00000	91.11
31.5	527,461	0	0.00000	1.00000	91.11
32.5	524,725	0	0.00000	1.00000	91.11
33.5	523,112	4,815	0.00920	0.99080	91.11
34.5	482,691	0	0.00000	1.00000	90.27
35.5	469,962	0	0.00000	1.00000	90.27
36.5	460,124	3,196	0.00695	0.99305	90.27
37.5	417,606	0	0.00000	1.00000	89.64
38.5	411,749	0	0.00000	1.00000	89.64
39.5	411,089	3,610	0.00878	0.99122	89.64
40.5	407,479	795	0.00195	0.99805	88.85
41.5	400,031	4,350	0.01087	0.98913	88.68
42.5	369,649	0	0.00000	1.00000	87.72
43.5	363,793	11,509	0.03164	0.96836	87.72
44.5	326,383	1,684	0.00516	0.99484	84.94
45.5	241,128	5,125	0.02125	0.97875	84.50
46.5	168,108	0	0.00000	1.00000	82.70
47.5	142,323	6,007	0.04221	0.95779	82.70
48.5	132,885	0	0.00000	1.00000	79.21
49.5	115,373	0	0.00000	1.00000	79.21
50.5	98,755	0	0.00000	1.00000	79.21
51.5	98,755	0	0.00000	1.00000	79.21
52.5	98,755	0	0.00000	1.00000	79.21
53.5	70,529	0	0.00000	1.00000	79.21
54.5	33,198	0	0.00000	1.00000	79.21
55.5	33,198	0	0.00000	1.00000	79.21
56.5	30,471	0	0.00000	1.00000	79.21
	Totals:	97,082			

Newfoundland and Labrador Hydro

Account L05 - Lighting Arrestors

Placement Band - 1967 - 2024   Experience Band - 1994 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	7,267,638	6,388	0.00088	0.99912	100.00
0.5	7,261,250	314	0.00004	0.99996	99.91
1.5	7,254,360	6,749	0.00093	0.99907	99.91
2.5	7,247,610	15,026	0.00207	0.99793	99.82
3.5	7,178,280	0	0.00000	1.00000	99.61
4.5	7,003,574	40,448	0.00578	0.99422	99.61
5.5	6,843,700	19,362	0.00283	0.99717	99.03
6.5	6,781,101	16,942	0.00250	0.99750	98.75
7.5	6,222,542	10,975	0.00176	0.99824	98.50
8.5	6,211,567	0	0.00000	1.00000	98.33
9.5	5,934,362	0	0.00000	1.00000	98.33
10.5	5,844,221	131	0.00002	0.99998	98.33
11.5	5,826,398	17,316	0.00297	0.99703	98.33
12.5	5,743,167	0	0.00000	1.00000	98.04
13.5	5,673,174	0	0.00000	1.00000	98.04
14.5	5,650,274	0	0.00000	1.00000	98.04
15.5	5,570,273	17,444	0.00313	0.99687	98.04
16.5	5,500,239	0	0.00000	1.00000	97.73
17.5	5,487,107	0	0.00000	1.00000	97.73
18.5	5,397,136	0	0.00000	1.00000	97.73
19.5	5,317,417	14,761	0.00278	0.99722	97.73
20.5	5,294,987	0	0.00000	1.00000	97.46
21.5	5,294,987	944	0.00018	0.99982	97.46
22.5	5,294,043	0	0.00000	1.00000	97.44
23.5	5,294,043	892	0.00017	0.99983	97.44
24.5	253,715	0	0.00000	1.00000	97.42
25.5	253,715	2,829	0.01115	0.98885	97.42
26.5	250,886	2,538	0.01012	0.98988	96.33

Newfoundland and Labrador Hydro

Account L05 - Lighting Arrestors

Placement Band - 1967 - 2024   Experience Band - 1994 - 2024

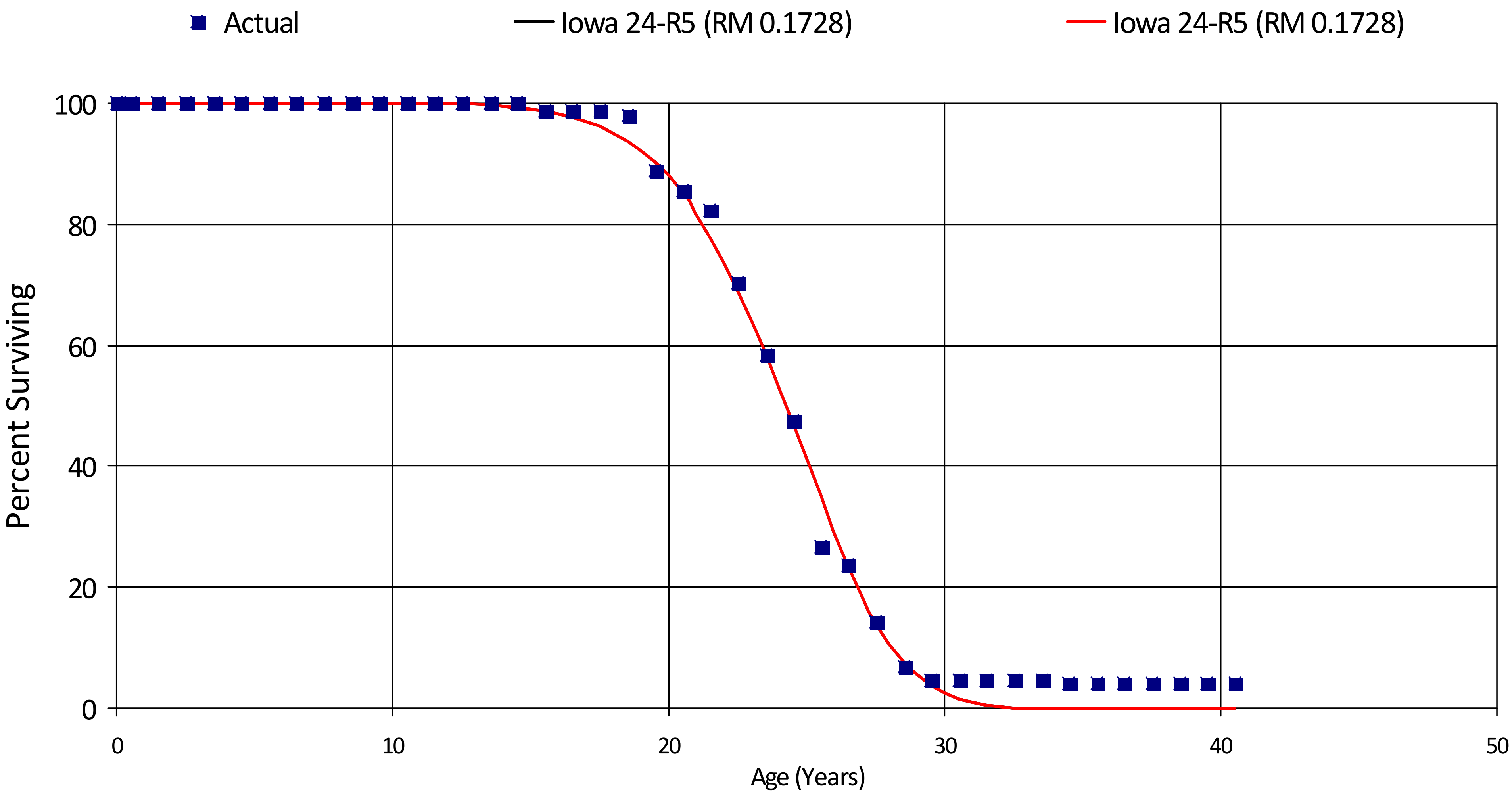
27.5	248,348	5,754	0.02317	0.97683	95.36
28.5	240,129	0	0.00000	1.00000	93.15
29.5	240,129	0	0.00000	1.00000	93.15
30.5	237,538	0	0.00000	1.00000	93.15
31.5	237,538	2,692	0.01133	0.98867	93.15
32.5	234,846	0	0.00000	1.00000	92.09
33.5	234,846	0	0.00000	1.00000	92.09
34.5	234,846	18,409	0.07839	0.92161	92.09
35.5	216,097	1,508	0.00698	0.99302	84.87
36.5	213,778	755	0.00353	0.99647	84.28
37.5	212,729	0	0.00000	1.00000	83.98
38.5	207,026	0	0.00000	1.00000	83.98
39.5	207,026	0	0.00000	1.00000	83.98
40.5	207,026	3,471	0.01677	0.98323	83.98
41.5	203,556	0	0.00000	1.00000	82.57
42.5	201,029	0	0.00000	1.00000	82.57
43.5	201,029	30,755	0.15299	0.84701	82.57
44.5	169,984	0	0.00000	1.00000	69.94
45.5	169,984	0	0.00000	1.00000	69.94
46.5	150,759	21,815	0.14470	0.85530	69.94
47.5	128,879	5,562	0.04316	0.95684	59.82
48.5	123,316	0	0.00000	1.00000	57.24
49.5	123,316	0	0.00000	1.00000	57.24
50.5	123,316	0	0.00000	1.00000	57.24
51.5	123,316	0	0.00000	1.00000	57.24
52.5	123,316	0	0.00000	1.00000	57.24
53.5	123,316	0	0.00000	1.00000	57.24
54.5	62,299	0	0.00000	1.00000	57.24
55.5	62,299	0	0.00000	1.00000	57.24
56.5	44,408	0	0.00000	1.00000	57.24
	Totals:	263,780			

Newfoundland and Labrador Hydro

Account L06 - Line Coupling Equipment

Placement Band - 1965 - 2024   Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account L06 - Line Coupling Equipment

Placement Band - 1965 - 2024   Experience Band - 1992 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	283,845	0	0.00000	1.00000	100.00
0.5	283,845	0	0.00000	1.00000	100.00
1.5	283,845	0	0.00000	1.00000	100.00
2.5	283,845	0	0.00000	1.00000	100.00
3.5	283,845	0	0.00000	1.00000	100.00
4.5	283,845	0	0.00000	1.00000	100.00
5.5	283,845	0	0.00000	1.00000	100.00
6.5	283,845	0	0.00000	1.00000	100.00
7.5	283,845	0	0.00000	1.00000	100.00
8.5	283,845	0	0.00000	1.00000	100.00
9.5	283,845	0	0.00000	1.00000	100.00
10.5	283,845	0	0.00000	1.00000	100.00
11.5	283,845	0	0.00000	1.00000	100.00
12.5	283,845	0	0.00000	1.00000	100.00
13.5	283,845	0	0.00000	1.00000	100.00
14.5	283,845	3,500	0.01233	0.98767	100.00
15.5	280,345	0	0.00000	1.00000	98.77
16.5	280,345	0	0.00000	1.00000	98.77
17.5	280,345	2,288	0.00816	0.99184	98.77
18.5	278,057	25,956	0.09335	0.90665	97.96
19.5	252,101	9,613	0.03813	0.96187	88.82
20.5	242,488	8,841	0.03646	0.96354	85.43
21.5	233,647	33,900	0.14509	0.85491	82.32
22.5	199,747	34,202	0.17123	0.82877	70.38
23.5	165,546	31,132	0.18806	0.81194	58.33
24.5	134,414	58,470	0.43500	0.56500	47.36
25.5	75,945	9,291	0.12234	0.87766	26.76
26.5	66,654	26,127	0.39198	0.60802	23.49

Account L06 - Line Coupling Equipment

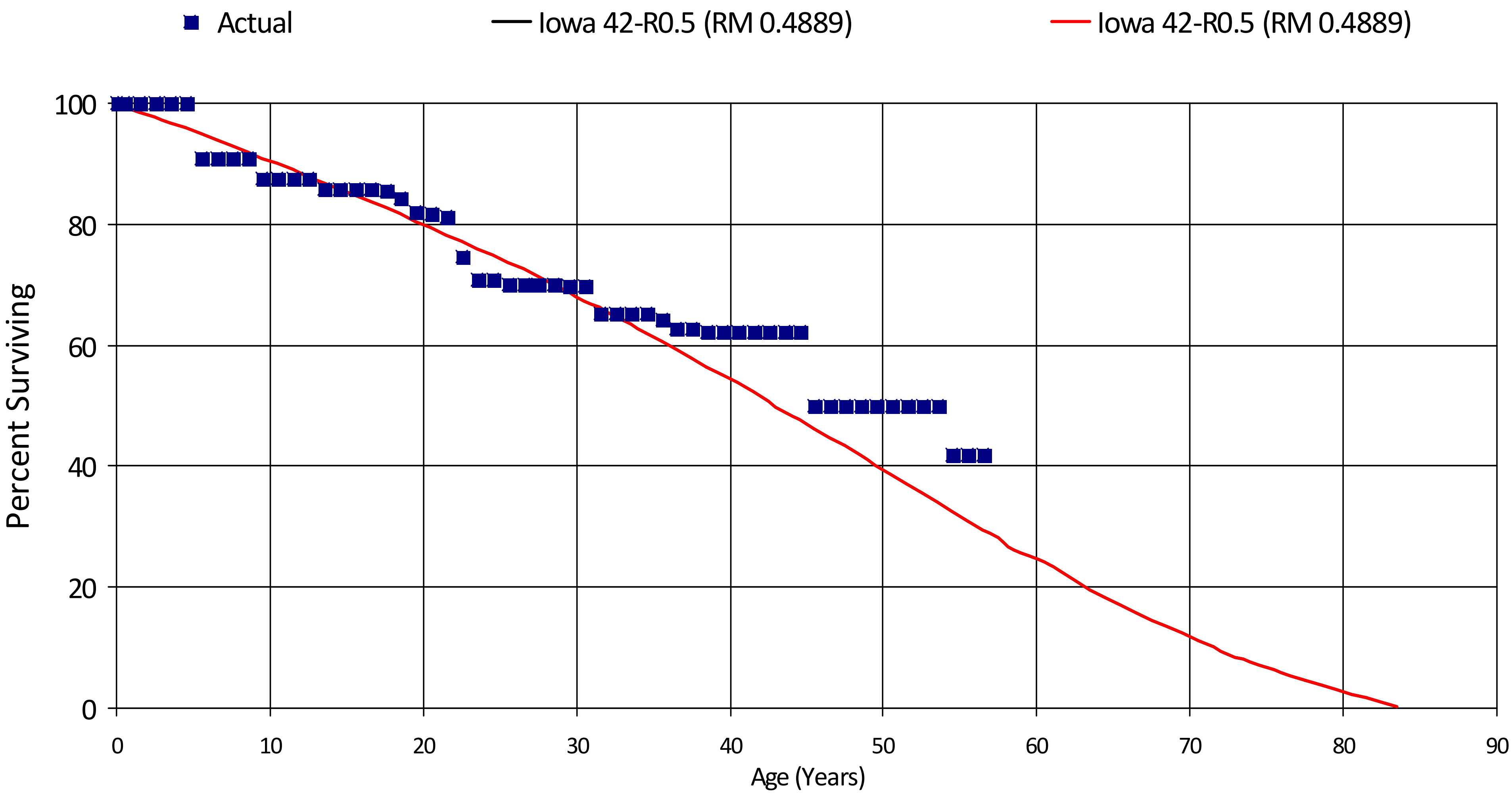
Placement Band - 1965 - 2024   Experience Band - 1992 - 2024

27.5	40,527	21,273	0.52492	0.47508	14.28
28.5	19,254	6,528	0.33905	0.66095	6.78
29.5	12,726	0	0.00000	1.00000	4.48
30.5	12,726	0	0.00000	1.00000	4.48
31.5	12,726	0	0.00000	1.00000	4.48
32.5	12,726	0	0.00000	1.00000	4.48
33.5	12,726	1,500	0.11787	0.88213	4.48
34.5	11,226	0	0.00000	1.00000	3.95
35.5	11,226	0	0.00000	1.00000	3.95
36.5	11,226	0	0.00000	1.00000	3.95
37.5	11,226	0	0.00000	1.00000	3.95
38.5	11,226	0	0.00000	1.00000	3.95
39.5	11,226	0	0.00000	1.00000	3.95
40.5	0	0	0.00000	0.00000	3.95
	Totals:	272,621			

Account M01 - Main Breakers

Placement Band - 1965 - 2024   Experience Band - 1993 - 2024

Actual and Smooth Survivor Curves



Account M01 - Main Breakers

Placement Band - 1965 - 2024   Experience Band - 1993 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	686,469	0	0.00000	1.00000	100.00
0.5	686,469	0	0.00000	1.00000	100.00
1.5	686,469	0	0.00000	1.00000	100.00
2.5	686,469	0	0.00000	1.00000	100.00
3.5	686,469	0	0.00000	1.00000	100.00
4.5	686,469	62,132	0.09051	0.90949	100.00
5.5	624,337	0	0.00000	1.00000	90.95
6.5	624,337	0	0.00000	1.00000	90.95
7.5	624,337	0	0.00000	1.00000	90.95
8.5	624,337	23,698	0.03796	0.96204	90.95
9.5	600,638	0	0.00000	1.00000	87.50
10.5	600,638	0	0.00000	1.00000	87.50
11.5	600,638	0	0.00000	1.00000	87.50
12.5	600,638	12,000	0.01998	0.98002	87.50
13.5	588,638	0	0.00000	1.00000	85.75
14.5	588,638	0	0.00000	1.00000	85.75
15.5	588,638	0	0.00000	1.00000	85.75
16.5	588,638	1,200	0.00204	0.99796	85.75
17.5	587,438	8,319	0.01416	0.98584	85.58
18.5	459,927	13,225	0.02875	0.97125	84.37
19.5	446,701	1,200	0.00269	0.99731	81.94
20.5	417,605	2,400	0.00575	0.99425	81.72
21.5	342,730	28,313	0.08261	0.91739	81.25
22.5	314,417	15,852	0.05042	0.94958	74.54
23.5	250,607	0	0.00000	1.00000	70.78
24.5	250,607	2,278	0.00909	0.99091	70.78
25.5	248,328	0	0.00000	1.00000	70.14
26.5	224,718	0	0.00000	1.00000	70.14

Newfoundland and Labrador Hydro

Account M01 - Main Breakers

Placement Band - 1965 - 2024   Experience Band - 1993 - 2024

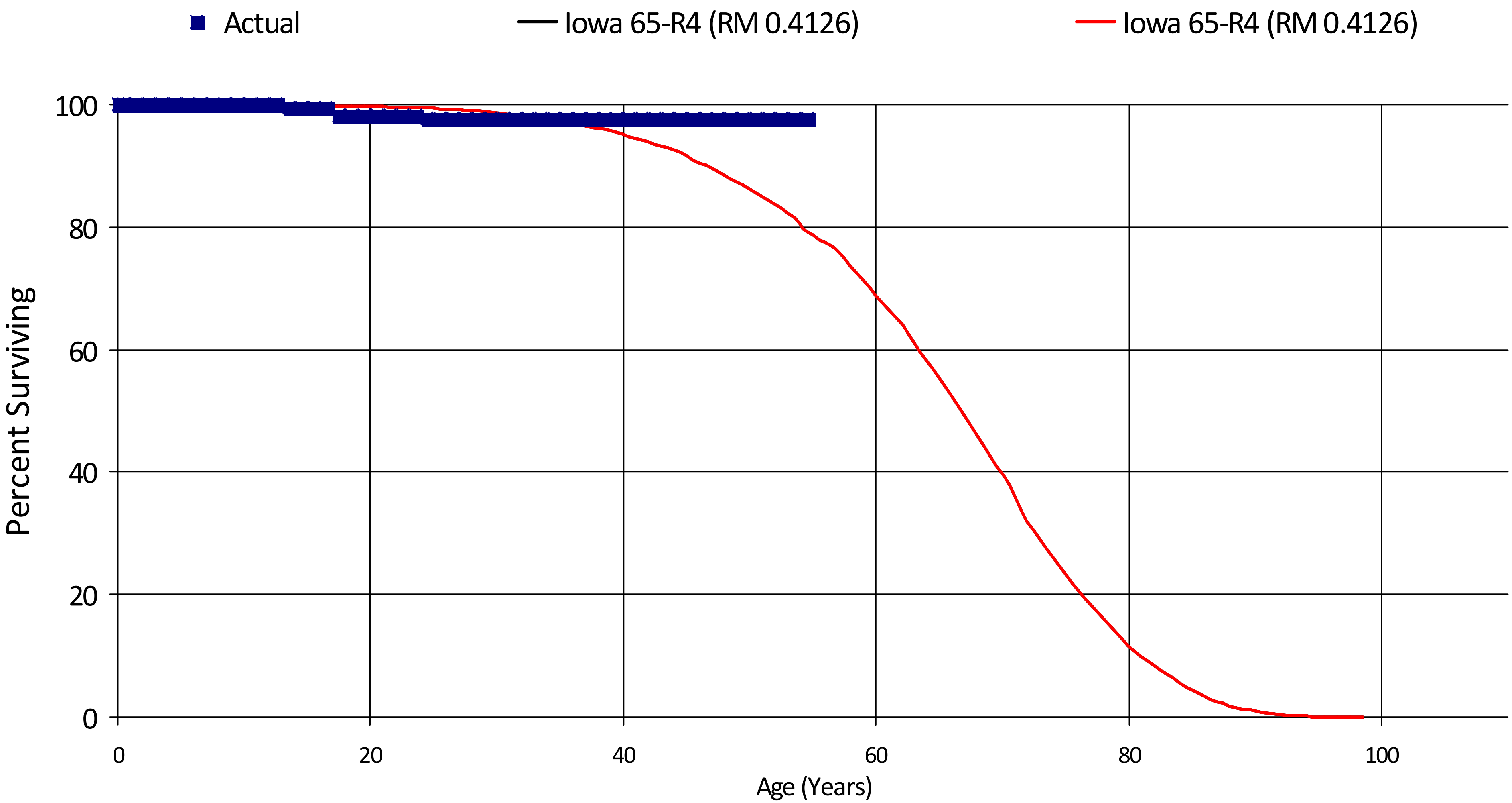
27.5	224,718	0	0.00000	1.00000	70.14
28.5	128,515	798	0.00621	0.99379	70.14
29.5	127,718	0	0.00000	1.00000	69.70
30.5	127,718	8,161	0.06390	0.93610	69.70
31.5	119,557	0	0.00000	1.00000	65.25
32.5	119,557	0	0.00000	1.00000	65.25
33.5	114,878	0	0.00000	1.00000	65.25
34.5	114,878	1,941	0.01690	0.98310	65.25
35.5	112,937	2,400	0.02125	0.97875	64.15
36.5	110,537	0	0.00000	1.00000	62.79
37.5	110,537	1,200	0.01086	0.98914	62.79
38.5	94,562	0	0.00000	1.00000	62.11
39.5	94,562	0	0.00000	1.00000	62.11
40.5	94,562	0	0.00000	1.00000	62.11
41.5	80,562	0	0.00000	1.00000	62.11
42.5	80,562	0	0.00000	1.00000	62.11
43.5	80,562	0	0.00000	1.00000	62.11
44.5	66,362	13,000	0.19589	0.80411	62.11
45.5	53,362	0	0.00000	1.00000	49.94
46.5	53,362	0	0.00000	1.00000	49.94
47.5	53,362	0	0.00000	1.00000	49.94
48.5	53,362	0	0.00000	1.00000	49.94
49.5	53,362	0	0.00000	1.00000	49.94
50.5	53,362	0	0.00000	1.00000	49.94
51.5	53,362	0	0.00000	1.00000	49.94
52.5	53,362	0	0.00000	1.00000	49.94
53.5	53,362	8,500	0.15929	0.84071	49.94
54.5	38,598	0	0.00000	1.00000	41.99
55.5	38,598	0	0.00000	1.00000	41.99
56.5	0	0	0.00000	0.00000	41.99
	Totals:	206,617			

Newfoundland and Labrador Hydro

Account M02 - Marine Terminal

Placement Band - 1969 - 2024   Experience Band - 1994 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	3,033,247	0	0.00000	1.00000	100.00
0.5	3,033,247	0	0.00000	1.00000	100.00
1.5	3,033,247	0	0.00000	1.00000	100.00
2.5	3,033,247	0	0.00000	1.00000	100.00
3.5	3,033,247	0	0.00000	1.00000	100.00
4.5	3,033,247	0	0.00000	1.00000	100.00
5.5	3,033,247	0	0.00000	1.00000	100.00
6.5	3,033,247	0	0.00000	1.00000	100.00
7.5	3,033,247	0	0.00000	1.00000	100.00
8.5	3,033,247	0	0.00000	1.00000	100.00
9.5	3,033,247	0	0.00000	1.00000	100.00
10.5	3,033,247	0	0.00000	1.00000	100.00
11.5	3,033,247	0	0.00000	1.00000	100.00
12.5	3,033,247	12,192	0.00402	0.99598	100.00
13.5	3,021,056	0	0.00000	1.00000	99.60
14.5	3,021,056	0	0.00000	1.00000	99.60
15.5	3,021,056	1,114	0.00037	0.99963	99.60
16.5	3,019,941	39,909	0.01322	0.98678	99.56
17.5	2,980,032	0	0.00000	1.00000	98.24
18.5	2,980,032	0	0.00000	1.00000	98.24
19.5	2,980,032	0	0.00000	1.00000	98.24
20.5	2,980,032	0	0.00000	1.00000	98.24
21.5	2,980,032	0	0.00000	1.00000	98.24
22.5	2,980,032	0	0.00000	1.00000	98.24
23.5	2,980,032	15,069	0.00506	0.99494	98.24
24.5	2,964,963	0	0.00000	1.00000	97.74
25.5	2,964,963	0	0.00000	1.00000	97.74
26.5	2,964,963	0	0.00000	1.00000	97.74

Newfoundland and Labrador Hydro

Account M02 - Marine Terminal

Placement Band - 1969 - 2024   Experience Band - 1994 - 2024

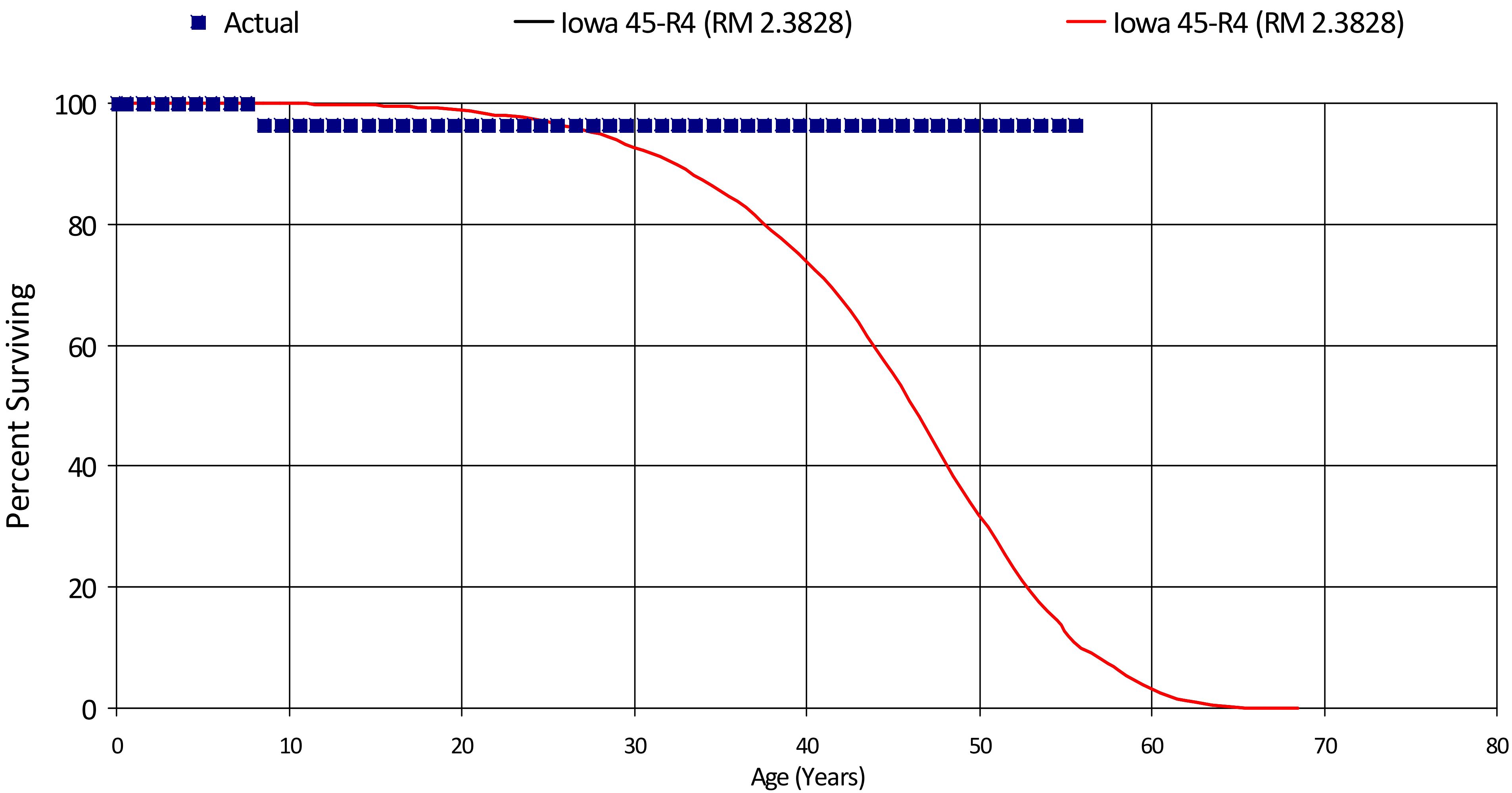
27.5	2,964,963	0	0.00000	1.00000	97.74
28.5	2,964,963	0	0.00000	1.00000	97.74
29.5	2,964,963	0	0.00000	1.00000	97.74
30.5	2,964,963	0	0.00000	1.00000	97.74
31.5	2,964,963	0	0.00000	1.00000	97.74
32.5	2,964,963	0	0.00000	1.00000	97.74
33.5	2,964,963	0	0.00000	1.00000	97.74
34.5	2,964,963	0	0.00000	1.00000	97.74
35.5	2,964,963	0	0.00000	1.00000	97.74
36.5	2,964,963	0	0.00000	1.00000	97.74
37.5	2,964,963	0	0.00000	1.00000	97.74
38.5	2,964,963	0	0.00000	1.00000	97.74
39.5	2,964,963	0	0.00000	1.00000	97.74
40.5	2,678,149	0	0.00000	1.00000	97.74
41.5	2,678,149	0	0.00000	1.00000	97.74
42.5	2,678,149	0	0.00000	1.00000	97.74
43.5	2,678,149	0	0.00000	1.00000	97.74
44.5	2,665,300	0	0.00000	1.00000	97.74
45.5	2,665,300	0	0.00000	1.00000	97.74
46.5	2,665,300	0	0.00000	1.00000	97.74
47.5	2,665,300	0	0.00000	1.00000	97.74
48.5	2,665,300	0	0.00000	1.00000	97.74
49.5	2,665,300	0	0.00000	1.00000	97.74
50.5	2,665,300	0	0.00000	1.00000	97.74
51.5	2,665,300	0	0.00000	1.00000	97.74
52.5	2,665,300	0	0.00000	1.00000	97.74
53.5	2,596,300	0	0.00000	1.00000	97.74
54.5	2,596,300	0	0.00000	1.00000	97.74
	Totals:	68,284			

Newfoundland and Labrador Hydro

Account M03 - Metalclad Switchgear CUB/EQU 4kv/600

Placement Band - 1968 - 2024   Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	3,567,344	0	0.00000	1.00000	100.00
0.5	3,567,344	0	0.00000	1.00000	100.00
1.5	3,567,344	0	0.00000	1.00000	100.00
2.5	3,567,344	0	0.00000	1.00000	100.00
3.5	2,853,954	0	0.00000	1.00000	100.00
4.5	2,553,954	0	0.00000	1.00000	100.00
5.5	2,553,954	0	0.00000	1.00000	100.00
6.5	2,553,954	0	0.00000	1.00000	100.00
7.5	2,553,954	88,117	0.03450	0.96550	100.00
8.5	2,233,645	0	0.00000	1.00000	96.55
9.5	1,849,870	0	0.00000	1.00000	96.55
10.5	1,849,870	0	0.00000	1.00000	96.55
11.5	1,849,870	0	0.00000	1.00000	96.55
12.5	1,849,870	0	0.00000	1.00000	96.55
13.5	1,849,870	0	0.00000	1.00000	96.55
14.5	1,849,870	0	0.00000	1.00000	96.55
15.5	1,849,870	0	0.00000	1.00000	96.55
16.5	1,849,870	0	0.00000	1.00000	96.55
17.5	1,849,870	0	0.00000	1.00000	96.55
18.5	1,849,870	0	0.00000	1.00000	96.55
19.5	1,849,870	0	0.00000	1.00000	96.55
20.5	1,849,870	0	0.00000	1.00000	96.55
21.5	1,849,870	0	0.00000	1.00000	96.55
22.5	1,849,870	0	0.00000	1.00000	96.55
23.5	1,849,870	0	0.00000	1.00000	96.55
24.5	1,849,870	0	0.00000	1.00000	96.55
25.5	1,849,870	0	0.00000	1.00000	96.55
26.5	1,849,870	0	0.00000	1.00000	96.55

Newfoundland and Labrador Hydro

Account M03 - Metalclad Switchgear CUB/EQU 4kv/600

Placement Band - 1968 - 2024   Experience Band - 1999 - 2024

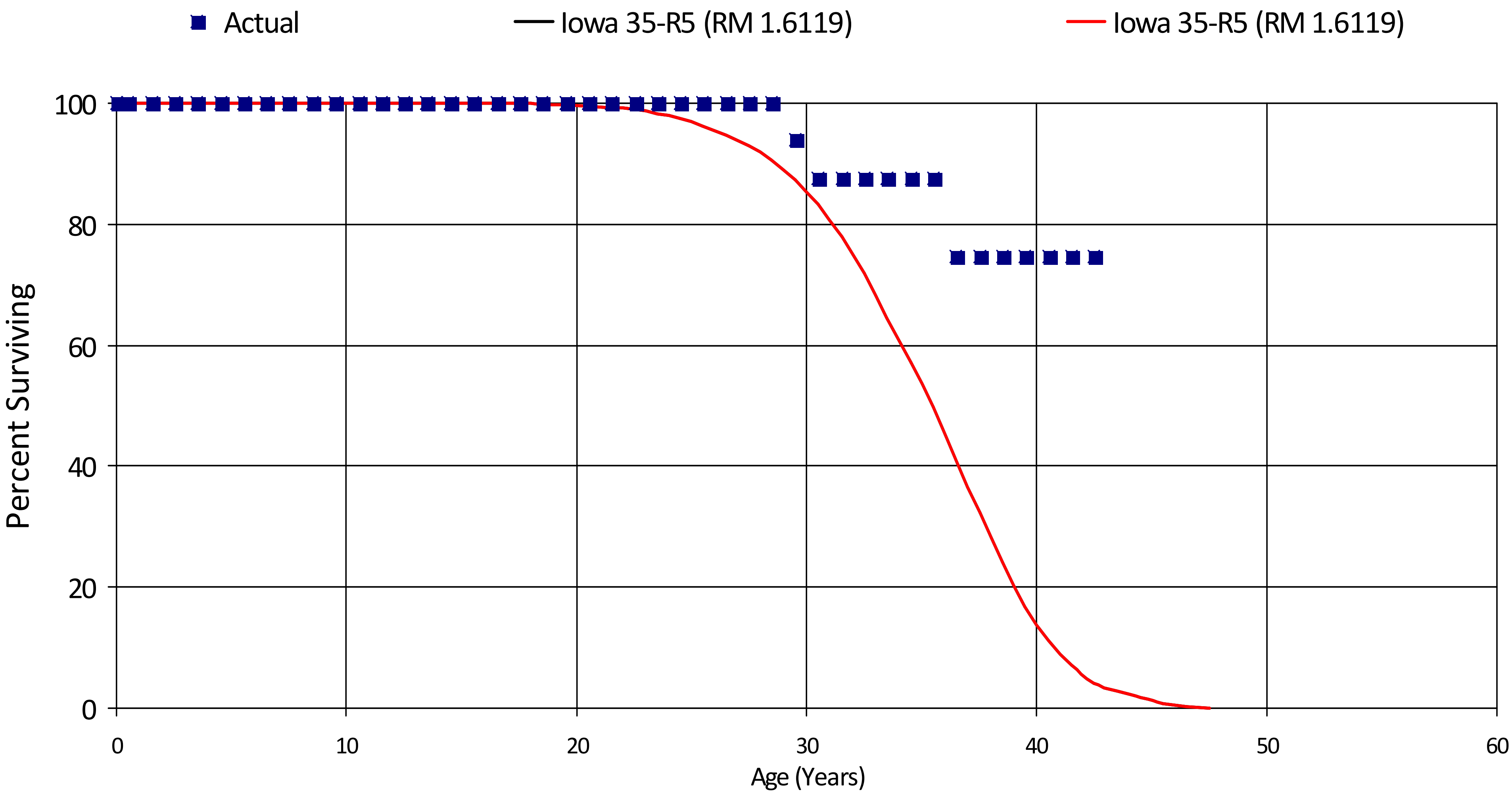
27.5	1,849,870	0	0.00000	1.00000	96.55
28.5	1,849,870	0	0.00000	1.00000	96.55
29.5	1,835,582	0	0.00000	1.00000	96.55
30.5	1,268,370	0	0.00000	1.00000	96.55
31.5	1,268,370	0	0.00000	1.00000	96.55
32.5	1,268,370	0	0.00000	1.00000	96.55
33.5	1,268,370	0	0.00000	1.00000	96.55
34.5	1,268,370	0	0.00000	1.00000	96.55
35.5	1,268,370	0	0.00000	1.00000	96.55
36.5	1,268,370	0	0.00000	1.00000	96.55
37.5	1,211,961	0	0.00000	1.00000	96.55
38.5	1,211,961	0	0.00000	1.00000	96.55
39.5	1,211,961	0	0.00000	1.00000	96.55
40.5	1,211,961	0	0.00000	1.00000	96.55
41.5	1,211,961	0	0.00000	1.00000	96.55
42.5	1,211,961	0	0.00000	1.00000	96.55
43.5	1,211,961	0	0.00000	1.00000	96.55
44.5	431,573	0	0.00000	1.00000	96.55
45.5	431,573	0	0.00000	1.00000	96.55
46.5	431,573	0	0.00000	1.00000	96.55
47.5	431,573	0	0.00000	1.00000	96.55
48.5	431,573	0	0.00000	1.00000	96.55
49.5	431,573	0	0.00000	1.00000	96.55
50.5	431,573	0	0.00000	1.00000	96.55
51.5	431,573	0	0.00000	1.00000	96.55
52.5	431,573	0	0.00000	1.00000	96.55
53.5	431,573	0	0.00000	1.00000	96.55
54.5	431,573	0	0.00000	1.00000	96.55
55.5	431,573	0	0.00000	1.00000	96.55
	Totals:	88,117			

Newfoundland and Labrador Hydro

Account M04 - Meter Test Switches

Placement Band - 1981 - 2024   Experience Band - 2013 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account M04 - Meter Test Switches

Placement Band - 1981 - 2024   Experience Band - 2013 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	43,921	0	0.00000	1.00000	100.00
0.5	43,921	0	0.00000	1.00000	100.00
1.5	43,921	0	0.00000	1.00000	100.00
2.5	43,921	0	0.00000	1.00000	100.00
3.5	43,921	0	0.00000	1.00000	100.00
4.5	43,921	0	0.00000	1.00000	100.00
5.5	43,921	0	0.00000	1.00000	100.00
6.5	43,921	0	0.00000	1.00000	100.00
7.5	43,921	0	0.00000	1.00000	100.00
8.5	43,921	0	0.00000	1.00000	100.00
9.5	43,921	0	0.00000	1.00000	100.00
10.5	43,921	0	0.00000	1.00000	100.00
11.5	43,921	0	0.00000	1.00000	100.00
12.5	43,921	0	0.00000	1.00000	100.00
13.5	43,921	0	0.00000	1.00000	100.00
14.5	43,921	0	0.00000	1.00000	100.00
15.5	43,921	0	0.00000	1.00000	100.00
16.5	43,921	0	0.00000	1.00000	100.00
17.5	43,921	0	0.00000	1.00000	100.00
18.5	43,921	0	0.00000	1.00000	100.00
19.5	43,921	0	0.00000	1.00000	100.00
20.5	43,921	0	0.00000	1.00000	100.00
21.5	43,921	0	0.00000	1.00000	100.00
22.5	43,921	0	0.00000	1.00000	100.00
23.5	43,921	0	0.00000	1.00000	100.00
24.5	43,921	0	0.00000	1.00000	100.00
25.5	43,921	0	0.00000	1.00000	100.00
26.5	43,921	0	0.00000	1.00000	100.00

Account M04 - Meter Test Switches

Placement Band - 1981 - 2024 Experience Band - 2013 - 2024

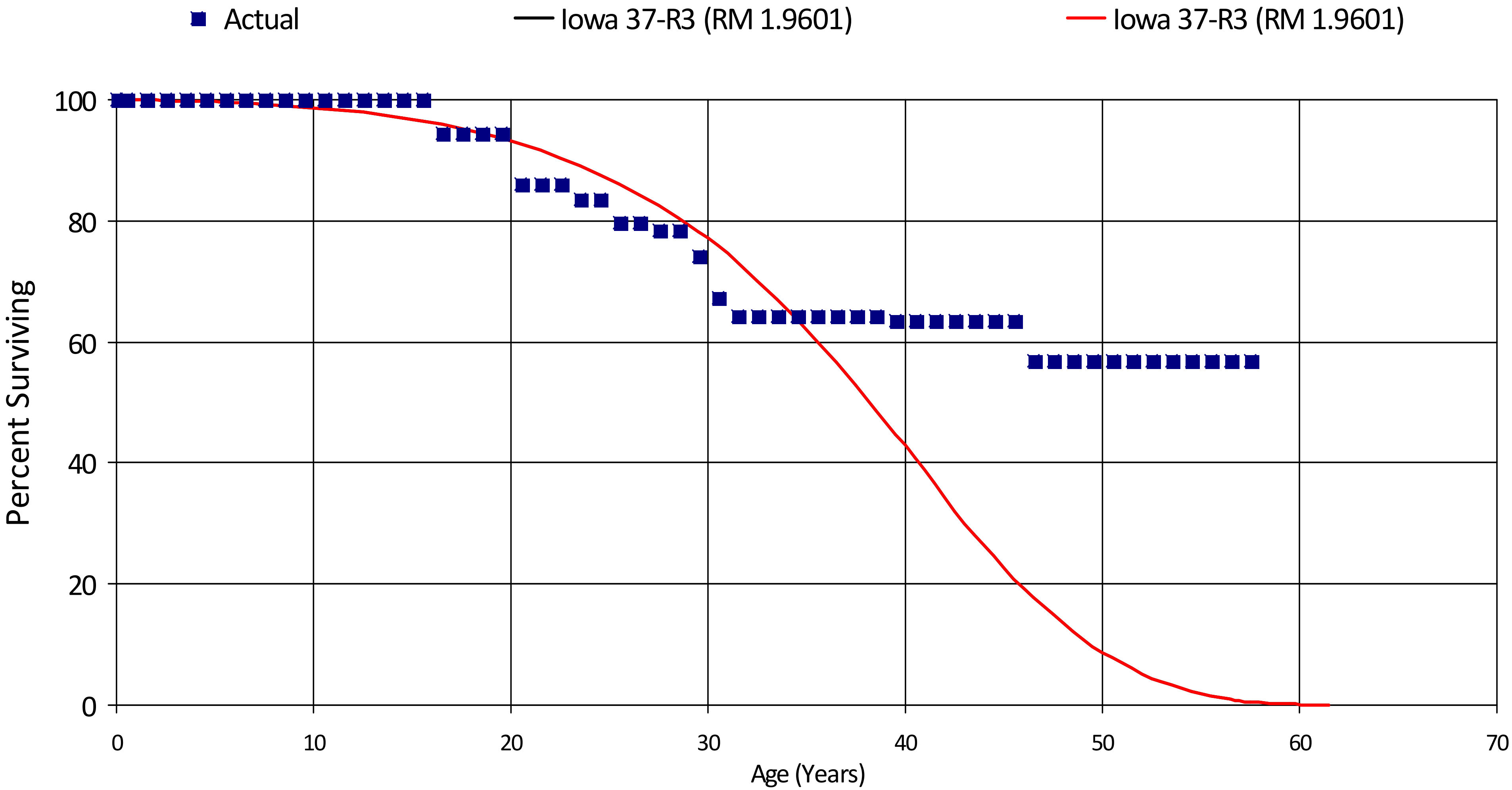
27.5	38,230	0	0.00000	1.00000	100.00
28.5	38,230	2,316	0.06058	0.93942	100.00
29.5	35,915	2,434	0.06777	0.93223	93.94
30.5	28,198	0	0.00000	1.00000	87.57
31.5	26,982	0	0.00000	1.00000	87.57
32.5	26,982	0	0.00000	1.00000	87.57
33.5	14,259	0	0.00000	1.00000	87.57
34.5	14,259	0	0.00000	1.00000	87.57
35.5	14,259	2,091	0.14664	0.85336	87.57
36.5	12,168	0	0.00000	1.00000	74.73
37.5	12,168	0	0.00000	1.00000	74.73
38.5	12,168	0	0.00000	1.00000	74.73
39.5	12,168	0	0.00000	1.00000	74.73
40.5	11,271	0	0.00000	1.00000	74.73
41.5	11,271	0	0.00000	1.00000	74.73
42.5	9,278	0	0.00000	1.00000	74.73
	Totals:	6,841			

Newfoundland and Labrador Hydro

Account M05 - Metering Tanks

Placement Band - 1966 - 2024   Experience Band - 2003 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	569,094	0	0.00000	1.00000	100.00
0.5	569,094	0	0.00000	1.00000	100.00
1.5	569,094	0	0.00000	1.00000	100.00
2.5	569,094	0	0.00000	1.00000	100.00
3.5	569,094	0	0.00000	1.00000	100.00
4.5	569,094	0	0.00000	1.00000	100.00
5.5	569,094	0	0.00000	1.00000	100.00
6.5	569,094	0	0.00000	1.00000	100.00
7.5	569,094	0	0.00000	1.00000	100.00
8.5	569,094	0	0.00000	1.00000	100.00
9.5	569,094	0	0.00000	1.00000	100.00
10.5	429,061	0	0.00000	1.00000	100.00
11.5	333,618	0	0.00000	1.00000	100.00
12.5	273,702	0	0.00000	1.00000	100.00
13.5	207,134	0	0.00000	1.00000	100.00
14.5	207,134	0	0.00000	1.00000	100.00
15.5	207,134	11,420	0.05513	0.94487	100.00
16.5	195,714	0	0.00000	1.00000	94.49
17.5	195,714	0	0.00000	1.00000	94.49
18.5	195,714	0	0.00000	1.00000	94.49
19.5	195,714	17,608	0.08997	0.91003	94.49
20.5	178,105	0	0.00000	1.00000	85.99
21.5	178,105	0	0.00000	1.00000	85.99
22.5	178,105	5,184	0.02911	0.97089	85.99
23.5	172,921	0	0.00000	1.00000	83.49
24.5	172,921	8,002	0.04628	0.95372	83.49
25.5	164,919	0	0.00000	1.00000	79.63
26.5	164,919	2,500	0.01516	0.98484	79.63

27.5	161,172	0	0.00000	1.00000	78.42
28.5	146,841	8,209	0.05590	0.94410	78.42
29.5	138,632	12,789	0.09225	0.90775	74.04
30.5	125,843	5,677	0.04511	0.95489	67.21
31.5	120,166	0	0.00000	1.00000	64.18
32.5	120,166	0	0.00000	1.00000	64.18
33.5	120,166	0	0.00000	1.00000	64.18
34.5	120,166	0	0.00000	1.00000	64.18
35.5	108,281	80	0.00074	0.99926	64.18
36.5	94,376	0	0.00000	1.00000	64.13
37.5	94,376	0	0.00000	1.00000	64.13
38.5	94,376	983	0.01042	0.98958	64.13
39.5	93,392	0	0.00000	1.00000	63.46
40.5	93,392	0	0.00000	1.00000	63.46
41.5	88,045	111	0.00126	0.99874	63.46
42.5	87,934	0	0.00000	1.00000	63.38
43.5	19,297	0	0.00000	1.00000	63.38
44.5	19,297	0	0.00000	1.00000	63.38
45.5	18,947	1,972	0.10408	0.89592	63.38
46.5	16,976	0	0.00000	1.00000	56.78
47.5	16,976	0	0.00000	1.00000	56.78
48.5	16,976	0	0.00000	1.00000	56.78
49.5	16,976	0	0.00000	1.00000	56.78
50.5	16,976	0	0.00000	1.00000	56.78
51.5	16,976	0	0.00000	1.00000	56.78
52.5	9,614	0	0.00000	1.00000	56.78
53.5	9,614	0	0.00000	1.00000	56.78
54.5	9,614	0	0.00000	1.00000	56.78
55.5	9,614	0	0.00000	1.00000	56.78
56.5	2,500	0	0.00000	1.00000	56.78
57.5	2,500	0	0.00000	1.00000	56.78

Newfoundland and Labrador Hydro

Account M05 - Metering Tanks

Placement Band - 1966 - 2024   Experience Band - 2003 - 2024

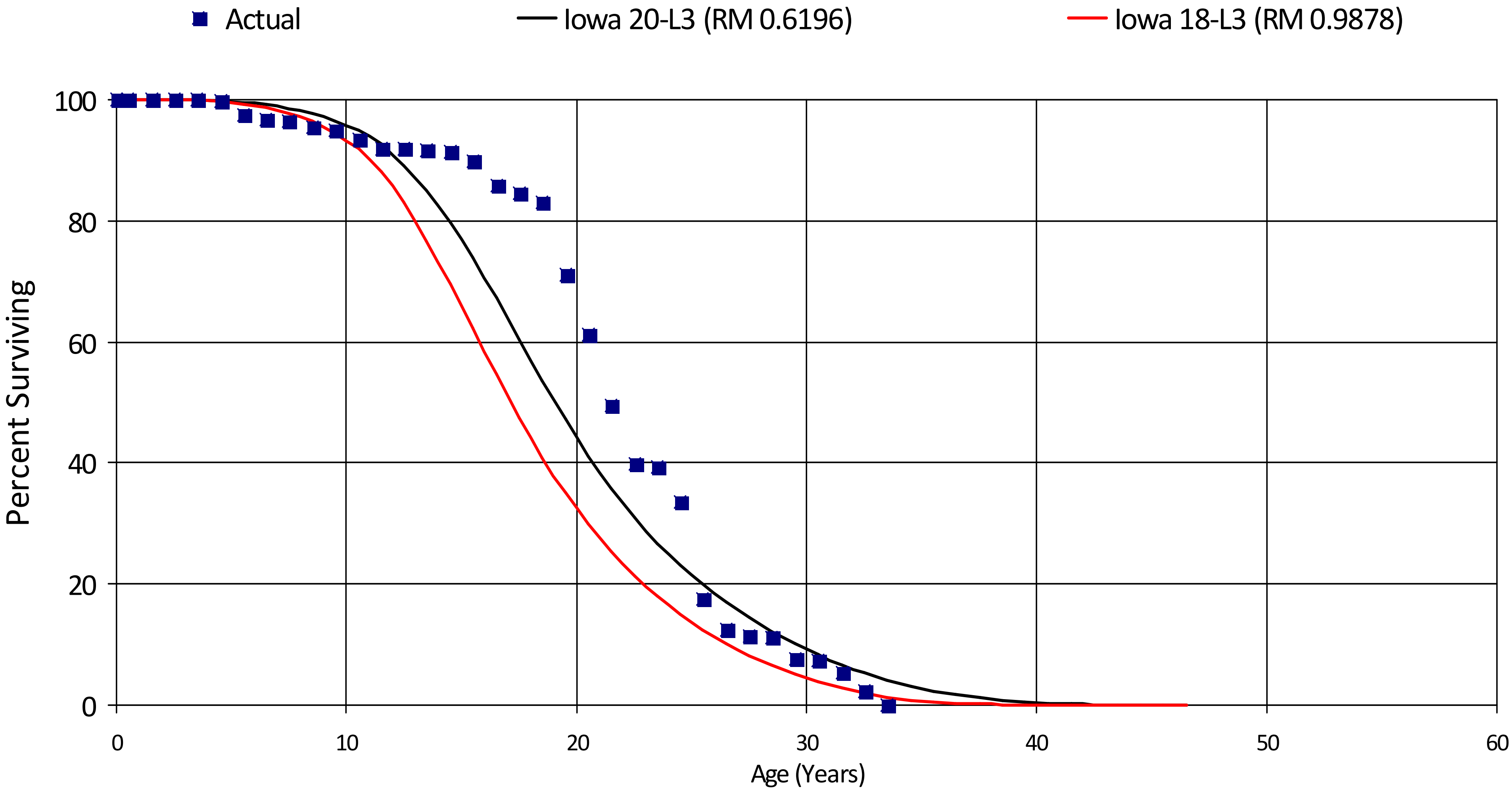
Totals:	74,535

Newfoundland and Labrador Hydro

Account M06 - Meters - Digital

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account M06 - Meters - Digital

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	12,250,671	0	0.00000	1.00000	100.00
0.5	12,250,671	0	0.00000	1.00000	100.00
1.5	8,610,494	0	0.00000	1.00000	100.00
2.5	8,610,494	0	0.00000	1.00000	100.00
3.5	8,394,797	30,980	0.00369	0.99631	100.00
4.5	8,191,337	176,520	0.02155	0.97845	99.63
5.5	8,014,817	63,470	0.00792	0.99208	97.48
6.5	5,969,241	23,461	0.00393	0.99607	96.71
7.5	5,945,780	48,140	0.00810	0.99190	96.33
8.5	4,900,813	36,946	0.00754	0.99246	95.55
9.5	4,452,312	63,205	0.01420	0.98580	94.83
10.5	4,303,608	67,920	0.01578	0.98422	93.48
11.5	3,137,940	2,531	0.00081	0.99919	92.00
12.5	3,135,409	6,990	0.00223	0.99777	91.93
13.5	2,933,196	14,563	0.00496	0.99504	91.72
14.5	2,527,739	42,030	0.01663	0.98337	91.27
15.5	1,077,463	46,956	0.04358	0.95642	89.75
16.5	1,030,507	14,943	0.01450	0.98550	85.84
17.5	1,015,564	18,683	0.01840	0.98160	84.60
18.5	996,881	144,238	0.14469	0.85531	83.04
19.5	666,593	91,621	0.13745	0.86255	71.02
20.5	574,972	110,552	0.19227	0.80773	61.26
21.5	462,548	89,862	0.19428	0.80572	49.48
22.5	372,686	5,258	0.01411	0.98589	39.87
23.5	367,428	55,119	0.15001	0.84999	39.31
24.5	312,309	148,776	0.47637	0.52363	33.41
25.5	163,533	46,166	0.28230	0.71770	17.49
26.5	117,367	9,493	0.08088	0.91912	12.55

Account M06 - Meters - Digital

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

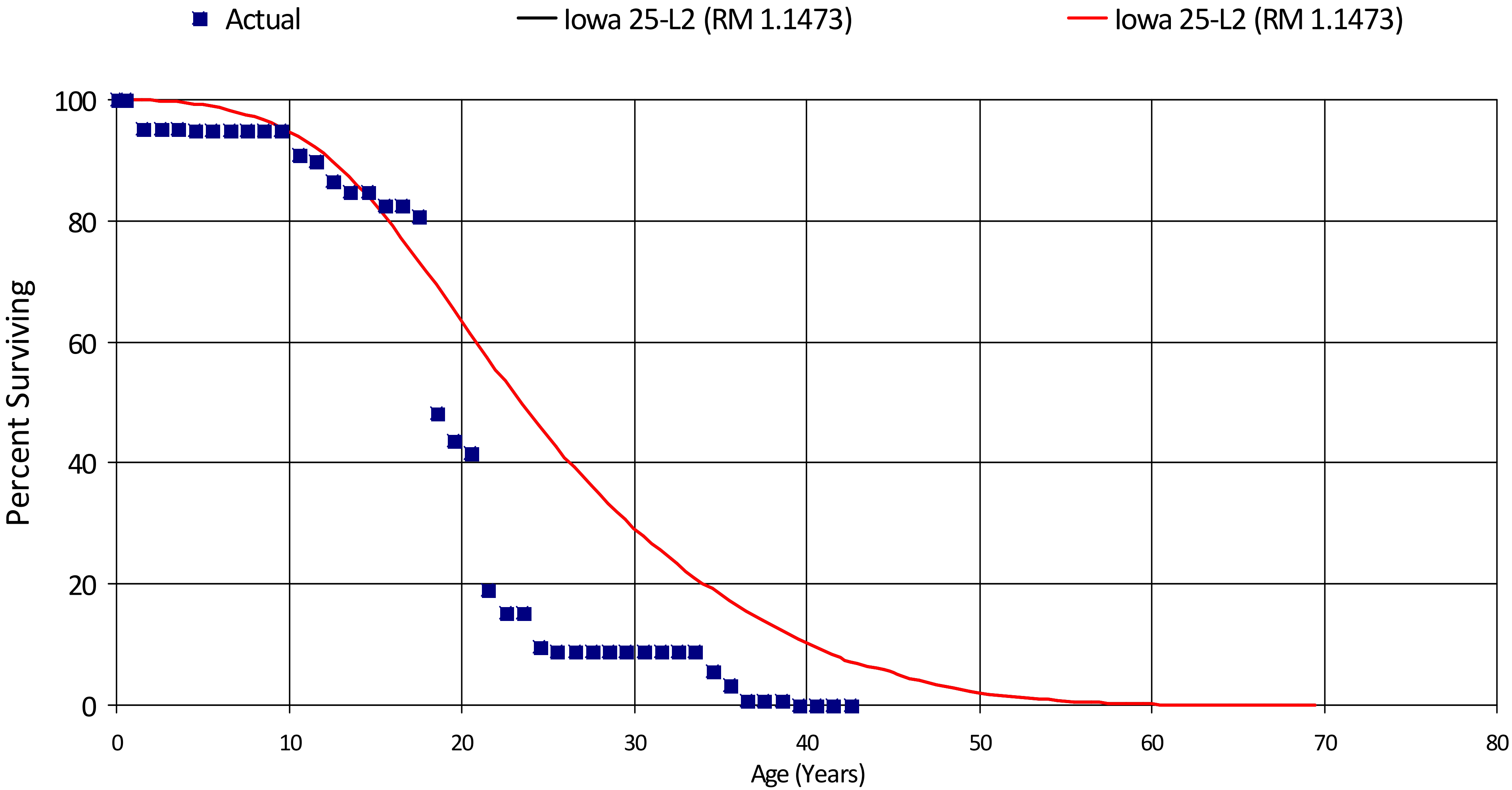
27.5	107,874	4,058	0.03762	0.96238	11.53
28.5	103,816	32,598	0.31400	0.68600	11.10
29.5	71,218	1,245	0.01748	0.98252	7.61
30.5	69,973	20,675	0.29547	0.70453	7.48
31.5	49,298	28,300	0.57406	0.42594	5.27
32.5	20,998	20,998	0.99998	0.00002	2.24
33.5	0	0	0.00000	0.00000	0.00
	Totals:	1,466,297			

Newfoundland and Labrador Hydro

Account M07 - Meters - Analogue

Placement Band - 1981 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account M07 - Meters - Analogue

Placement Band - 1981 - 2024 Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	1,275,913	0	0.00000	1.00000	100.00
0.5	1,275,913	62,730	0.04916	0.95084	100.00
1.5	1,213,183	0	0.00000	1.00000	95.08
2.5	1,213,183	0	0.00000	1.00000	95.08
3.5	1,213,183	399	0.00033	0.99967	95.08
4.5	808,155	0	0.00000	1.00000	95.05
5.5	808,155	0	0.00000	1.00000	95.05
6.5	808,155	344	0.00043	0.99957	95.05
7.5	807,810	290	0.00036	0.99964	95.01
8.5	807,520	0	0.00000	1.00000	94.98
9.5	807,520	35,356	0.04378	0.95622	94.98
10.5	772,164	8,069	0.01045	0.98955	90.82
11.5	764,095	28,092	0.03677	0.96323	89.87
12.5	736,003	15,803	0.02147	0.97853	86.57
13.5	720,200	0	0.00000	1.00000	84.71
14.5	720,200	19,057	0.02646	0.97354	84.71
15.5	701,143	204	0.00029	0.99971	82.47
16.5	700,939	13,890	0.01982	0.98018	82.45
17.5	687,049	277,503	0.40391	0.59609	80.82
18.5	409,546	39,340	0.09606	0.90394	48.18
19.5	370,206	15,494	0.04185	0.95815	43.55
20.5	354,712	193,449	0.54537	0.45463	41.73
21.5	161,263	32,848	0.20369	0.79631	18.97
22.5	128,415	0	0.00000	1.00000	15.11
23.5	128,415	46,989	0.36592	0.63408	15.11
24.5	81,426	5,201	0.06387	0.93613	9.58
25.5	76,225	0	0.00000	1.00000	8.97
26.5	76,225	0	0.00000	1.00000	8.97

Newfoundland and Labrador Hydro

Account M07 - Meters - Analogue

Placement Band - 1981 - 2024   Experience Band - 1991 - 2024

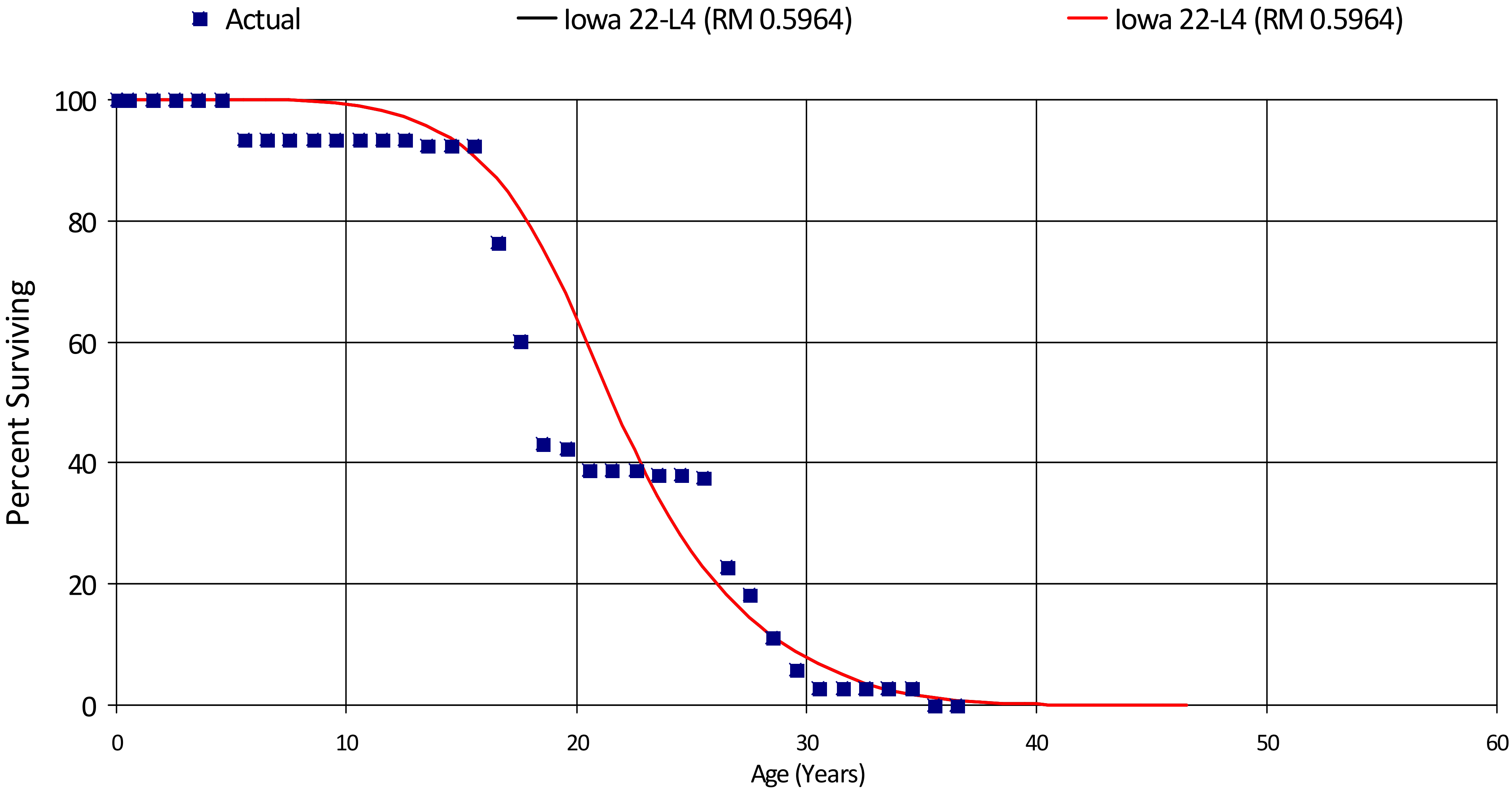
27.5	76,225	0	0.00000	1.00000	8.97
28.5	76,225	0	0.00000	1.00000	8.97
29.5	76,225	0	0.00000	1.00000	8.97
30.5	76,225	0	0.00000	1.00000	8.97
31.5	76,225	0	0.00000	1.00000	8.97
32.5	76,225	0	0.00000	1.00000	8.97
33.5	76,225	29,849	0.39159	0.60841	8.97
34.5	46,376	18,768	0.40469	0.59531	5.46
35.5	27,608	22,193	0.80386	0.19614	3.25
36.5	5,415	0	0.00000	1.00000	0.64
37.5	5,415	0	0.00000	1.00000	0.64
38.5	5,415	4,856	0.89676	0.10324	0.64
39.5	559	559	1.00027	-0.00027	0.07
40.5	0	0	0.00000	1.00000	0.00
41.5	0	0	0.00000	1.00000	0.00
42.5	0	0	0.00000	0.00000	0.00
	Totals:	871,283			

Newfoundland and Labrador Hydro

Account M08 - Meters - Other

Placement Band - 1981 - 2024 Experience Band - 1997 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account M08 - Meters - Other

Placement Band - 1981 - 2024 Experience Band - 1997 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	848,795	0	0.00000	1.00000	100.00
0.5	481,085	0	0.00000	1.00000	100.00
1.5	373,341	0	0.00000	1.00000	100.00
2.5	373,341	0	0.00000	1.00000	100.00
3.5	364,353	0	0.00000	1.00000	100.00
4.5	364,353	23,713	0.06508	0.93492	100.00
5.5	286,553	0	0.00000	1.00000	93.49
6.5	286,553	0	0.00000	1.00000	93.49
7.5	211,577	0	0.00000	1.00000	93.49
8.5	211,577	0	0.00000	1.00000	93.49
9.5	211,577	0	0.00000	1.00000	93.49
10.5	211,577	0	0.00000	1.00000	93.49
11.5	211,577	0	0.00000	1.00000	93.49
12.5	132,334	1,588	0.01200	0.98800	93.49
13.5	130,746	0	0.00000	1.00000	92.37
14.5	130,746	0	0.00000	1.00000	92.37
15.5	130,746	22,487	0.17199	0.82801	92.37
16.5	108,259	23,081	0.21320	0.78680	76.48
17.5	85,178	24,101	0.28295	0.71705	60.17
18.5	61,077	1,140	0.01866	0.98134	43.14
19.5	58,629	4,866	0.08300	0.91700	42.34
20.5	51,734	0	0.00000	1.00000	38.83
21.5	46,442	0	0.00000	1.00000	38.83
22.5	46,442	971	0.02091	0.97909	38.83
23.5	45,471	0	0.00000	1.00000	38.02
24.5	45,471	414	0.00910	0.99090	38.02
25.5	45,057	17,819	0.39548	0.60452	37.67
26.5	27,237	5,301	0.19462	0.80538	22.77

Newfoundland and Labrador Hydro

Account M08 - Meters - Other

Placement Band - 1981 - 2024 Experience Band - 1997 - 2024

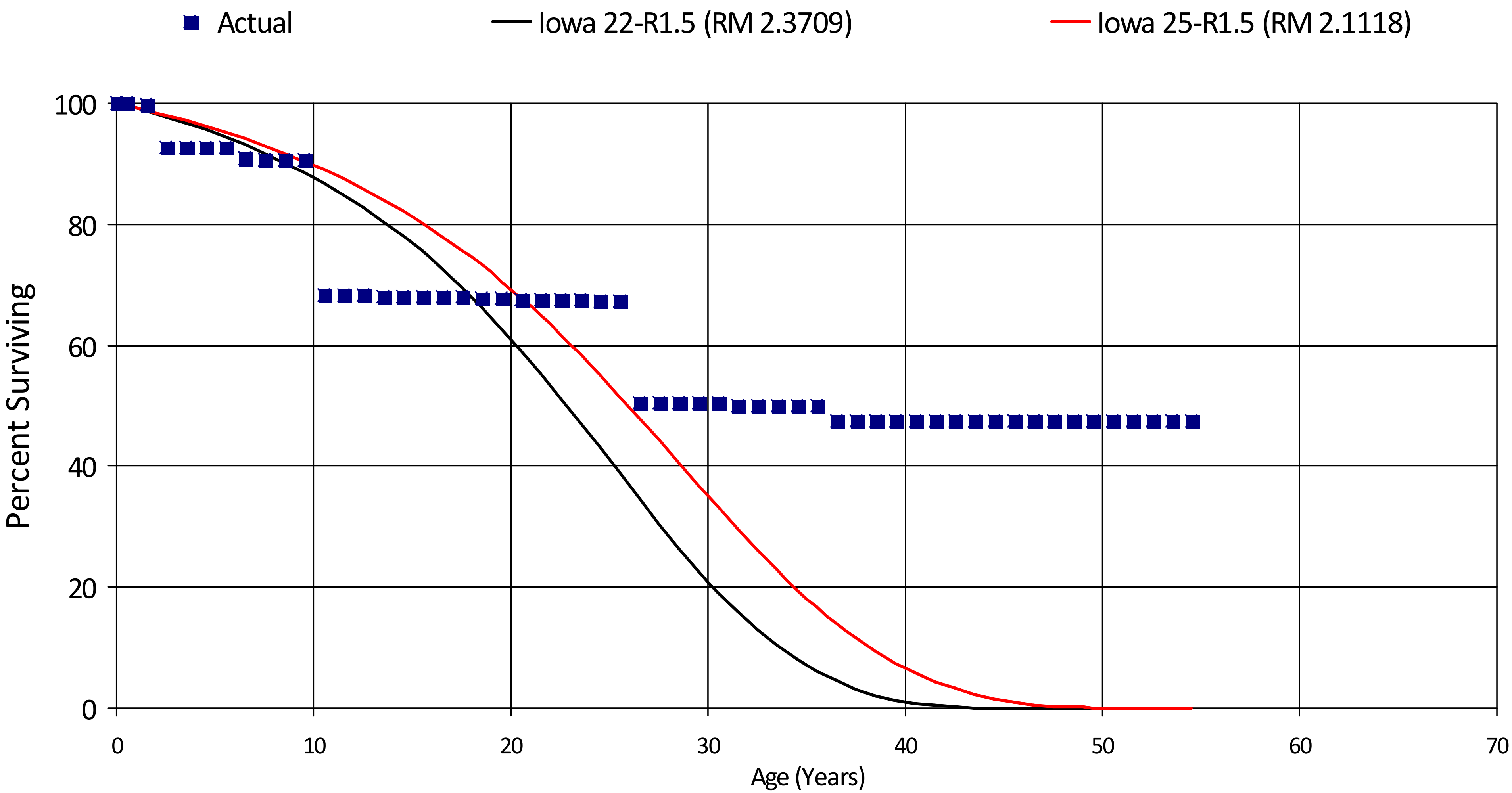
27.5	21,936	8,581	0.39118	0.60882	18.34
28.5	10,038	4,715	0.46972	0.53028	11.17
29.5	5,323	2,921	0.54878	0.45122	5.92
30.5	2,402	0	0.00000	1.00000	2.67
31.5	2,402	0	0.00000	1.00000	2.67
32.5	2,402	0	0.00000	1.00000	2.67
33.5	2,402	0	0.00000	1.00000	2.67
34.5	2,402	2,328	0.96910	0.03090	2.67
35.5	75	75	1.00482	-0.00482	0.08
36.5	0	0	0.00000	0.00000	0.00
	Totals:	144,101			

Newfoundland and Labrador Hydro

Account M10 - Miscellaneous Units of Property

Placement Band - 1966 - 2024   Experience Band - 1994 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	9,812,765	0	0.00000	1.00000	100.00
0.5	9,357,636	21,599	0.00231	0.99769	100.00
1.5	9,336,037	663,327	0.07105	0.92895	99.77
2.5	8,672,710	0	0.00000	1.00000	92.68
3.5	8,672,710	0	0.00000	1.00000	92.68
4.5	8,175,870	1,987	0.00024	0.99976	92.68
5.5	8,170,936	163,508	0.02001	0.97999	92.66
6.5	8,007,428	14,534	0.00182	0.99818	90.81
7.5	7,992,894	10,016	0.00125	0.99875	90.64
8.5	7,982,878	0	0.00000	1.00000	90.53
9.5	7,662,731	1,889,486	0.24658	0.75342	90.53
10.5	5,662,867	0	0.00000	1.00000	68.21
11.5	4,081,032	0	0.00000	1.00000	68.21
12.5	4,081,032	14,678	0.00360	0.99640	68.21
13.5	2,726,675	0	0.00000	1.00000	67.96
14.5	2,726,675	0	0.00000	1.00000	67.96
15.5	2,726,675	0	0.00000	1.00000	67.96
16.5	2,726,675	1,631	0.00060	0.99940	67.96
17.5	2,725,043	4,926	0.00181	0.99819	67.92
18.5	2,720,118	2,024	0.00074	0.99926	67.80
19.5	2,718,093	8,444	0.00311	0.99689	67.75
20.5	2,709,649	0	0.00000	1.00000	67.54
21.5	2,709,649	920	0.00034	0.99966	67.54
22.5	2,708,729	0	0.00000	1.00000	67.52
23.5	2,708,729	12,800	0.00473	0.99527	67.52
24.5	2,695,929	0	0.00000	1.00000	67.20
25.5	2,695,929	665,513	0.24686	0.75314	67.20
26.5	2,030,416	600	0.00030	0.99970	50.61

Account M10 - Miscellaneous Units of Property

Placement Band - 1966 - 2024   Experience Band - 1994 - 2024

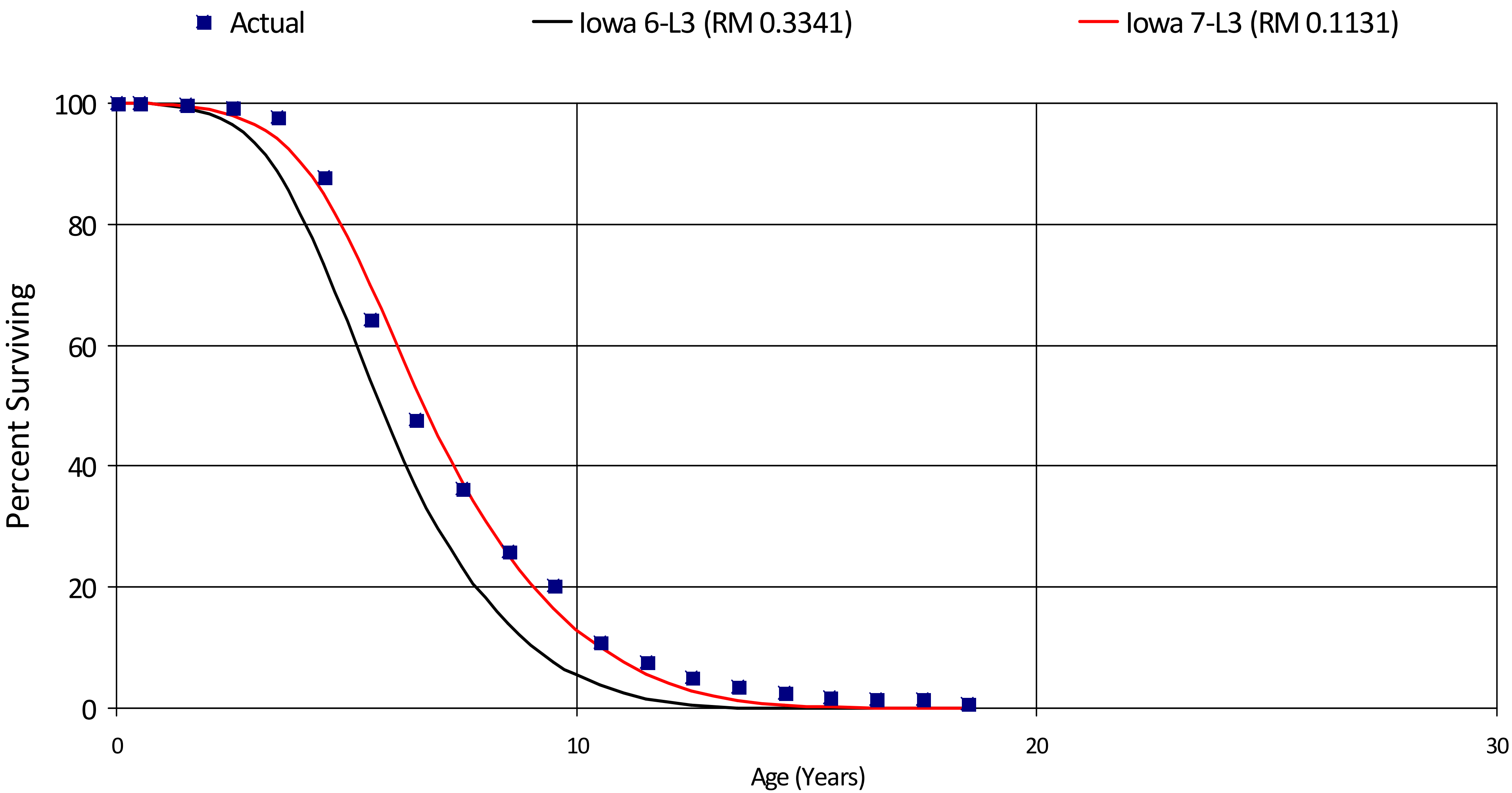
27.5	2,029,816	0	0.00000	1.00000	50.59
28.5	2,029,816	0	0.00000	1.00000	50.59
29.5	2,029,816	0	0.00000	1.00000	50.59
30.5	2,029,816	19,506	0.00961	0.99039	50.59
31.5	2,010,309	0	0.00000	1.00000	50.10
32.5	2,010,309	0	0.00000	1.00000	50.10
33.5	1,959,873	0	0.00000	1.00000	50.10
34.5	1,133,898	0	0.00000	1.00000	50.10
35.5	338,616	17,176	0.05072	0.94928	50.10
36.5	321,440	0	0.00000	1.00000	47.56
37.5	321,440	0	0.00000	1.00000	47.56
38.5	321,440	0	0.00000	1.00000	47.56
39.5	6,185	0	0.00000	1.00000	47.56
40.5	6,185	0	0.00000	1.00000	47.56
41.5	6,185	0	0.00000	1.00000	47.56
42.5	6,185	0	0.00000	1.00000	47.56
43.5	6,185	0	0.00000	1.00000	47.56
44.5	6,185	0	0.00000	1.00000	47.56
45.5	6,185	0	0.00000	1.00000	47.56
46.5	6,185	0	0.00000	1.00000	47.56
47.5	6,185	0	0.00000	1.00000	47.56
48.5	6,185	0	0.00000	1.00000	47.56
49.5	6,185	0	0.00000	1.00000	47.56
50.5	6,185	0	0.00000	1.00000	47.56
51.5	6,185	0	0.00000	1.00000	47.56
52.5	6,185	0	0.00000	1.00000	47.56
53.5	6,185	0	0.00000	1.00000	47.56
54.5	0	0	0.00000	0.00000	47.56
	Totals:	3,512,675			

Newfoundland and Labrador Hydro

Account M11 - Mobile - A.T.V's and Snowmobiles

Placement Band - 1977 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account M11 - Mobile - A.T.V's and Snowmobiles

Placement Band - 1977 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

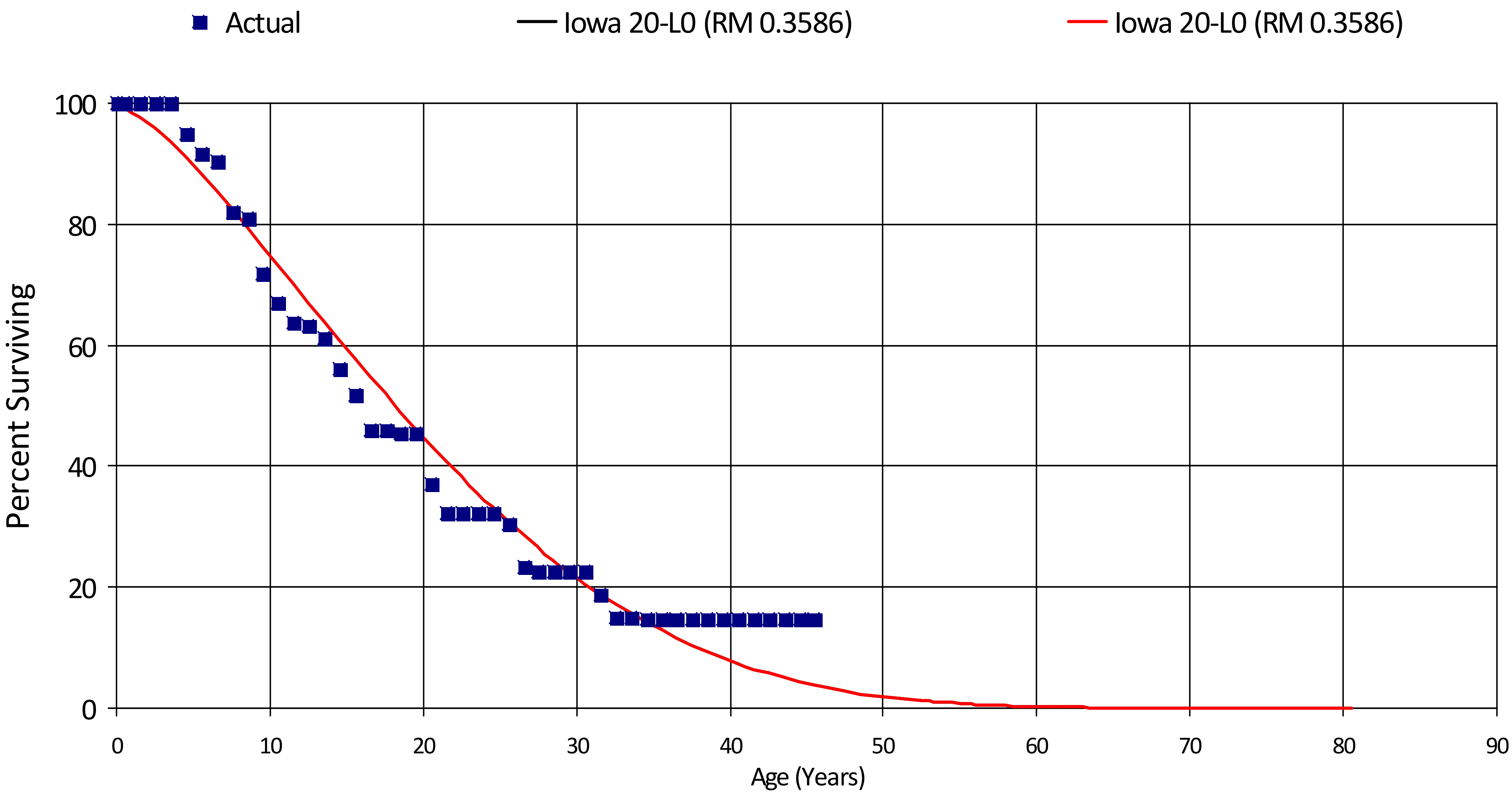
Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	7,553,042	0	0.00000	1.00000	100.00
0.5	7,414,436	9,689	0.00131	0.99869	100.00
1.5	7,128,210	46,716	0.00655	0.99345	99.87
2.5	6,396,468	100,764	0.01575	0.98425	99.22
3.5	5,978,176	598,618	0.10013	0.89987	97.66
4.5	5,379,558	1,450,122	0.26956	0.73044	87.88
5.5	3,800,672	981,448	0.25823	0.74177	64.19
6.5	2,711,508	641,171	0.23646	0.76354	47.61
7.5	2,055,343	597,354	0.29063	0.70937	36.35
8.5	1,406,793	298,406	0.21212	0.78788	25.79
9.5	923,598	424,772	0.45991	0.54009	20.32
10.5	382,763	118,383	0.30929	0.69071	10.97
11.5	218,407	71,974	0.32954	0.67046	7.58
12.5	136,485	42,555	0.31179	0.68821	5.08
13.5	78,157	19,037	0.24358	0.75642	3.50
14.5	50,920	16,522	0.32447	0.67553	2.65
15.5	14,158	3,025	0.21367	0.78633	1.79
16.5	11,133	0	0.00000	1.00000	1.41
17.5	11,133	4,833	0.43412	0.56588	1.41
18.5	6,300	6,300	1.00000		0.80
	Totals:	5,431,689			

Newfoundland and Labrador Hydro

Account M12 - Mobile - Air Compressor Attachment and Boat

Placement Band - 1970 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account M12 - Mobile - Air Compressor Attachment and Boat

Placement Band - 1970 - 2024 Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	1,215,472	0	0.00000	1.00000	100.00
0.5	1,177,421	0	0.00000	1.00000	100.00
1.5	1,177,421	0	0.00000	1.00000	100.00
2.5	1,177,421	0	0.00000	1.00000	100.00
3.5	1,177,421	59,529	0.05056	0.94944	100.00
4.5	1,102,584	37,266	0.03380	0.96620	94.94
5.5	1,065,318	16,120	0.01513	0.98487	91.73
6.5	1,029,017	94,509	0.09184	0.90816	90.34
7.5	924,499	12,361	0.01337	0.98663	82.04
8.5	876,257	98,926	0.11290	0.88710	80.94
9.5	777,330	50,889	0.06547	0.93453	71.80
10.5	726,441	35,526	0.04890	0.95110	67.10
11.5	690,915	7,614	0.01102	0.98898	63.82
12.5	656,562	21,388	0.03258	0.96742	63.12
13.5	610,774	49,093	0.08038	0.91962	61.06
14.5	538,992	42,870	0.07954	0.92046	56.15
15.5	423,846	47,217	0.11140	0.88860	51.68
16.5	376,629	0	0.00000	1.00000	45.92
17.5	376,629	3,364	0.00893	0.99107	45.92
18.5	373,265	0	0.00000	1.00000	45.51
19.5	373,265	69,632	0.18655	0.81345	45.51
20.5	303,633	39,071	0.12868	0.87132	37.02
21.5	264,562	0	0.00000	1.00000	32.26
22.5	264,562	0	0.00000	1.00000	32.26
23.5	264,562	0	0.00000	1.00000	32.26
24.5	246,567	12,913	0.05237	0.94763	32.26
25.5	233,655	54,660	0.23393	0.76607	30.57
26.5	176,620	6,463	0.03659	0.96341	23.42

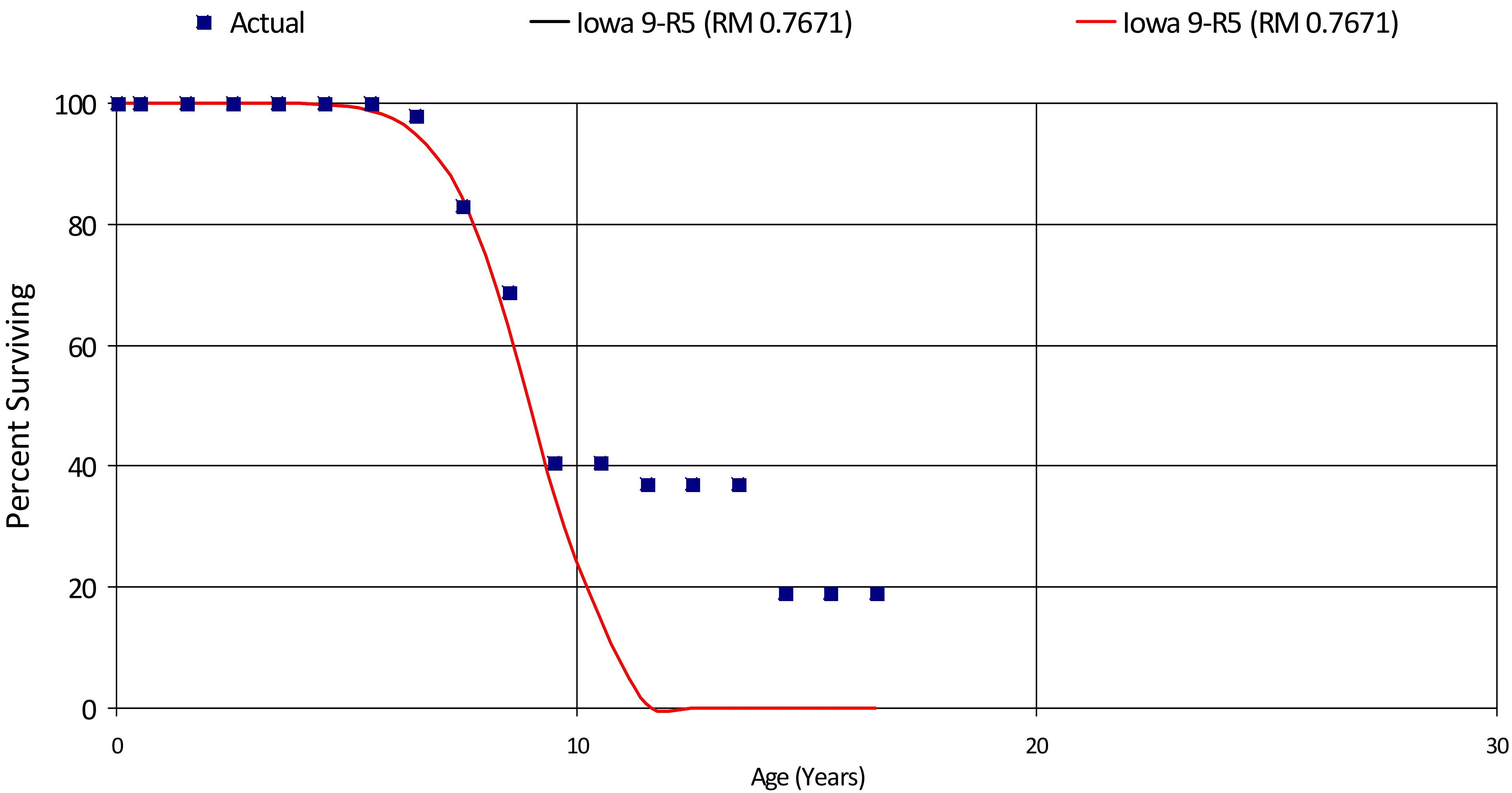
27.5	170,157	0	0.00000	1.00000	22.56
28.5	170,157	0	0.00000	1.00000	22.56
29.5	170,157	0	0.00000	1.00000	22.56
30.5	166,095	28,470	0.17141	0.82859	22.56
31.5	137,625	27,712	0.20136	0.79864	18.69
32.5	109,913	0	0.00000	1.00000	14.93
33.5	109,913	1,318	0.01199	0.98801	14.93
34.5	108,595	0	0.00000	1.00000	14.75
35.5	108,595	0	0.00000	1.00000	14.75
36.5	90,998	0	0.00000	1.00000	14.75
37.5	90,998	0	0.00000	1.00000	14.75
38.5	90,998	0	0.00000	1.00000	14.75
39.5	90,998	0	0.00000	1.00000	14.75
40.5	90,998	0	0.00000	1.00000	14.75
41.5	90,998	0	0.00000	1.00000	14.75
42.5	90,998	0	0.00000	1.00000	14.75
43.5	87,567	0	0.00000	1.00000	14.75
44.5	87,567	0	0.00000	1.00000	14.75
45.5	0	0	0.00000	0.00000	14.75
	Totals:	816,911			

Newfoundland and Labrador Hydro

Account M13 - Mobile - Argos

Placement Band - 1991 - 2024   Experience Band - 2000 - 2024

Actual and Smooth Survivor Curves



Account M13 - Mobile - Argos

Placement Band - 1991 - 2024   Experience Band - 2000 - 2024

RETIREMENT RATE ANALYSIS

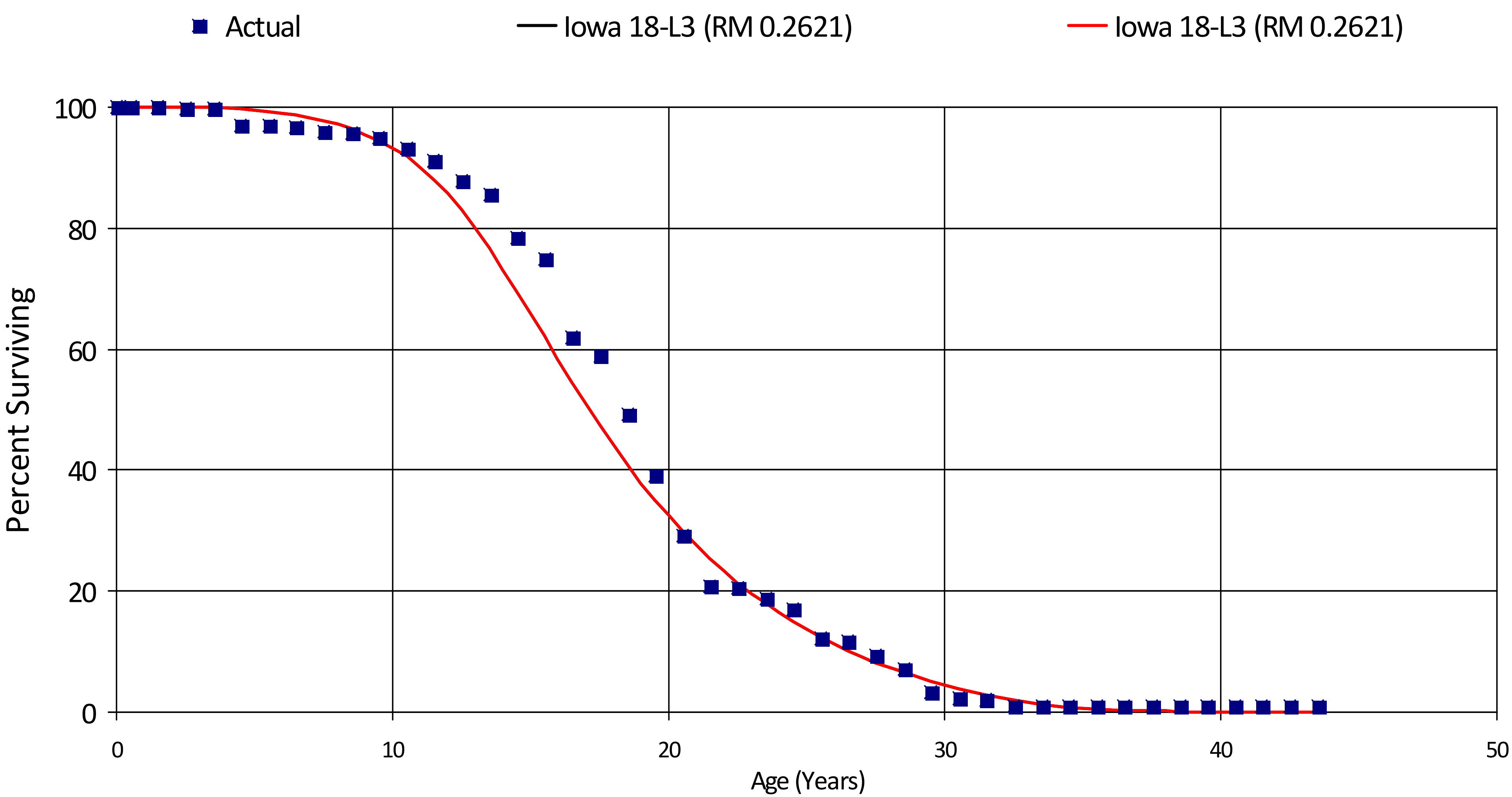
Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	1,018,566	0	0.00000	1.00000	100.00
0.5	837,831	0	0.00000	1.00000	100.00
1.5	718,030	0	0.00000	1.00000	100.00
2.5	718,030	0	0.00000	1.00000	100.00
3.5	602,932	0	0.00000	1.00000	100.00
4.5	602,932	0	0.00000	1.00000	100.00
5.5	503,640	10,502	0.02085	0.97915	100.00
6.5	407,472	62,638	0.15372	0.84628	97.92
7.5	344,834	59,114	0.17143	0.82857	82.87
8.5	105,115	42,785	0.40703	0.59297	68.66
9.5	62,330	0	0.00000	1.00000	40.71
10.5	62,330	5,633	0.09037	0.90963	40.71
11.5	27,179	0	0.00000	1.00000	37.03
12.5	27,179	0	0.00000	1.00000	37.03
13.5	27,179	13,188	0.48522	0.51478	37.03
14.5	13,991	0	0.00000	1.00000	19.06
15.5	13,991	0	0.00000	1.00000	19.06
16.5	13,991	13,991	1.00000		19.06
	Totals:	207,851			

Newfoundland and Labrador Hydro

Account M14 - Mobile - Flex / Fork / Load / Grade / Musk / Trailer

Placement Band - 1967 - 2024 Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	23,841,692	0	0.00000	1.00000	100.00
0.5	22,007,458	16,479	0.00075	0.99925	100.00
1.5	21,496,033	16,479	0.00077	0.99923	99.92
2.5	21,177,383	9,892	0.00047	0.99953	99.84
3.5	20,452,126	559,521	0.02736	0.97264	99.79
4.5	18,743,934	23,215	0.00124	0.99876	97.06
5.5	18,586,026	42,181	0.00227	0.99773	96.94
6.5	17,889,079	142,059	0.00794	0.99206	96.72
7.5	17,508,910	57,142	0.00326	0.99674	95.95
8.5	17,173,465	146,667	0.00854	0.99146	95.64
9.5	16,777,649	291,992	0.01740	0.98260	94.82
10.5	14,999,565	322,658	0.02151	0.97849	93.17
11.5	13,500,642	504,706	0.03738	0.96262	91.17
12.5	11,847,296	296,236	0.02500	0.97500	87.76
13.5	10,472,991	876,363	0.08368	0.91632	85.57
14.5	9,387,667	414,578	0.04416	0.95584	78.41
15.5	8,006,142	1,397,972	0.17461	0.82539	74.95
16.5	5,489,633	273,366	0.04980	0.95020	61.86
17.5	4,773,229	764,909	0.16025	0.83975	58.78
18.5	3,384,963	701,661	0.20729	0.79271	49.36
19.5	2,030,743	518,478	0.25531	0.74469	39.13
20.5	1,494,768	433,304	0.28988	0.71012	29.14
21.5	1,045,466	4,981	0.00476	0.99524	20.69
22.5	1,040,485	91,036	0.08749	0.91251	20.59
23.5	682,684	66,170	0.09693	0.90307	18.79
24.5	612,390	175,879	0.28720	0.71280	16.97
25.5	354,671	10,742	0.03029	0.96971	12.10
26.5	303,833	59,597	0.19615	0.80385	11.73

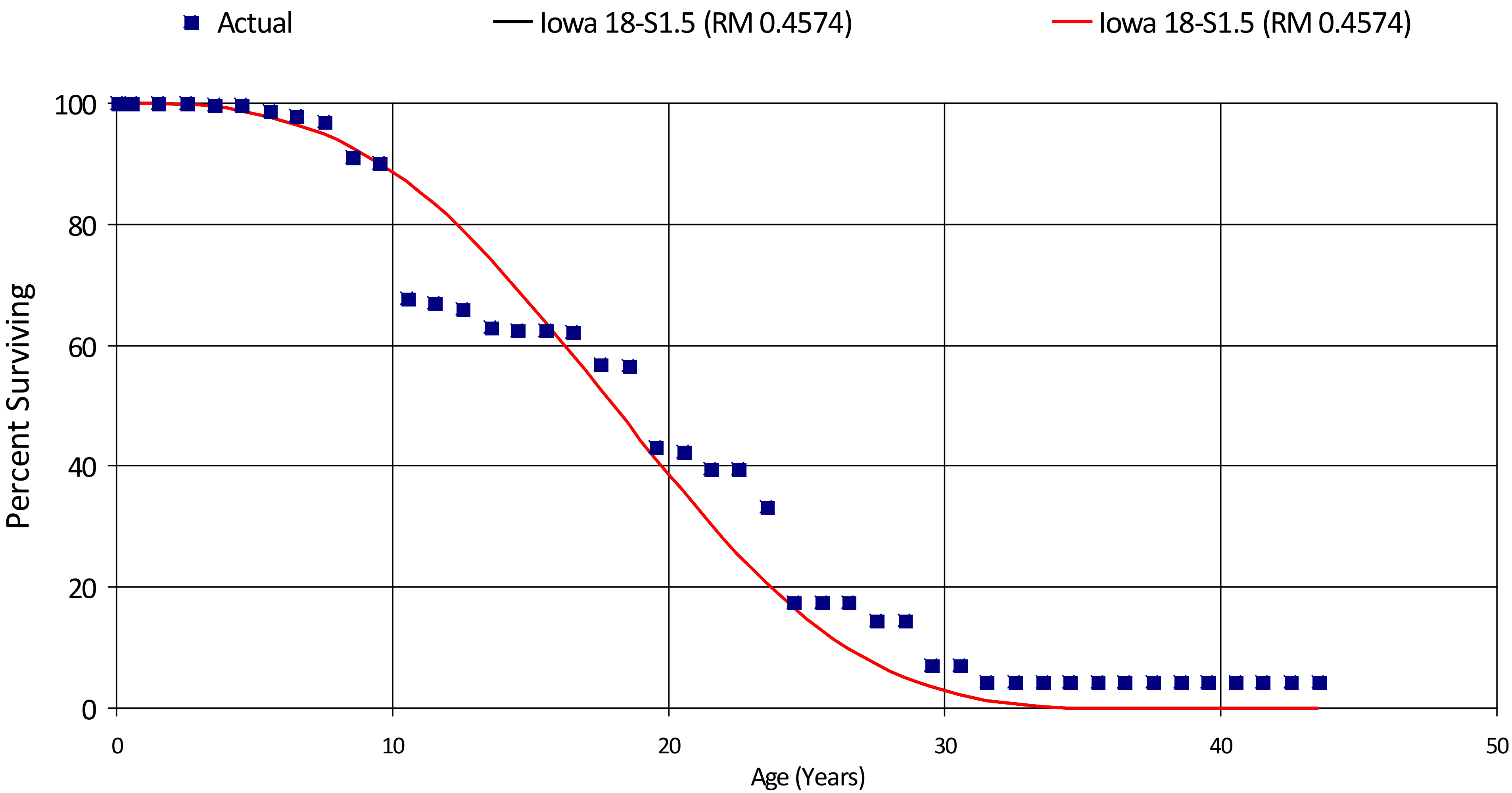
27.5	244,236	62,203	0.25468	0.74532	9.43
28.5	182,034	97,733	0.53690	0.46310	7.03
29.5	84,300	26,479	0.31410	0.68590	3.26
30.5	57,821	7,383	0.12769	0.87231	2.24
31.5	50,438	21,478	0.42583	0.57417	1.95
32.5	17,247	0	0.00000	1.00000	1.12
33.5	17,247	0	0.00000	1.00000	1.12
34.5	17,247	0	0.00000	1.00000	1.12
35.5	17,247	2,486	0.14414	0.85586	1.12
36.5	14,762	0	0.00000	1.00000	0.96
37.5	14,762	0	0.00000	1.00000	0.96
38.5	14,762	0	0.00000	1.00000	0.96
39.5	14,762	0	0.00000	1.00000	0.96
40.5	14,762	0	0.00000	1.00000	0.96
41.5	14,762	0	0.00000	1.00000	0.96
42.5	14,762	0	0.00000	1.00000	0.96
43.5	0	0	0.00000	0.00000	0.96
	Totals:	8,436,025			

Newfoundland and Labrador Hydro

Account M16 - Multiplex Equipment

Placement Band - 1980 - 2024   Experience Band - 1997 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	7,417,703	0	0.00000	1.00000	100.00
0.5	7,019,008	0	0.00000	1.00000	100.00
1.5	7,019,008	0	0.00000	1.00000	100.00
2.5	7,019,008	9,167	0.00131	0.99869	100.00
3.5	7,009,841	0	0.00000	1.00000	99.87
4.5	6,913,604	74,748	0.01081	0.98919	99.87
5.5	6,464,396	48,660	0.00753	0.99247	98.79
6.5	6,148,063	64,585	0.01050	0.98950	98.05
7.5	4,667,244	290,128	0.06216	0.93784	97.02
8.5	4,377,116	39,001	0.00891	0.99109	90.99
9.5	4,338,115	1,078,192	0.24854	0.75146	90.18
10.5	3,259,924	39,795	0.01221	0.98779	67.77
11.5	3,220,129	42,344	0.01315	0.98685	66.94
12.5	3,171,814	149,749	0.04721	0.95279	66.06
13.5	3,022,065	26,911	0.00890	0.99110	62.94
14.5	2,581,331	0	0.00000	1.00000	62.38
15.5	2,581,331	11,450	0.00444	0.99556	62.38
16.5	2,421,406	202,542	0.08365	0.91635	62.10
17.5	2,218,864	16,250	0.00732	0.99268	56.91
18.5	2,202,614	524,465	0.23811	0.76189	56.49
19.5	1,615,329	22,063	0.01366	0.98634	43.04
20.5	1,593,266	107,009	0.06716	0.93284	42.45
21.5	1,116,590	0	0.00000	1.00000	39.60
22.5	941,251	149,665	0.15901	0.84099	39.60
23.5	750,357	354,510	0.47245	0.52755	33.30
24.5	331,544	0	0.00000	1.00000	17.57
25.5	294,351	0	0.00000	1.00000	17.57
26.5	294,351	52,098	0.17699	0.82301	17.57

Account M16 - Multiplex Equipment

Placement Band - 1980 - 2024 Experience Band - 1997 - 2024

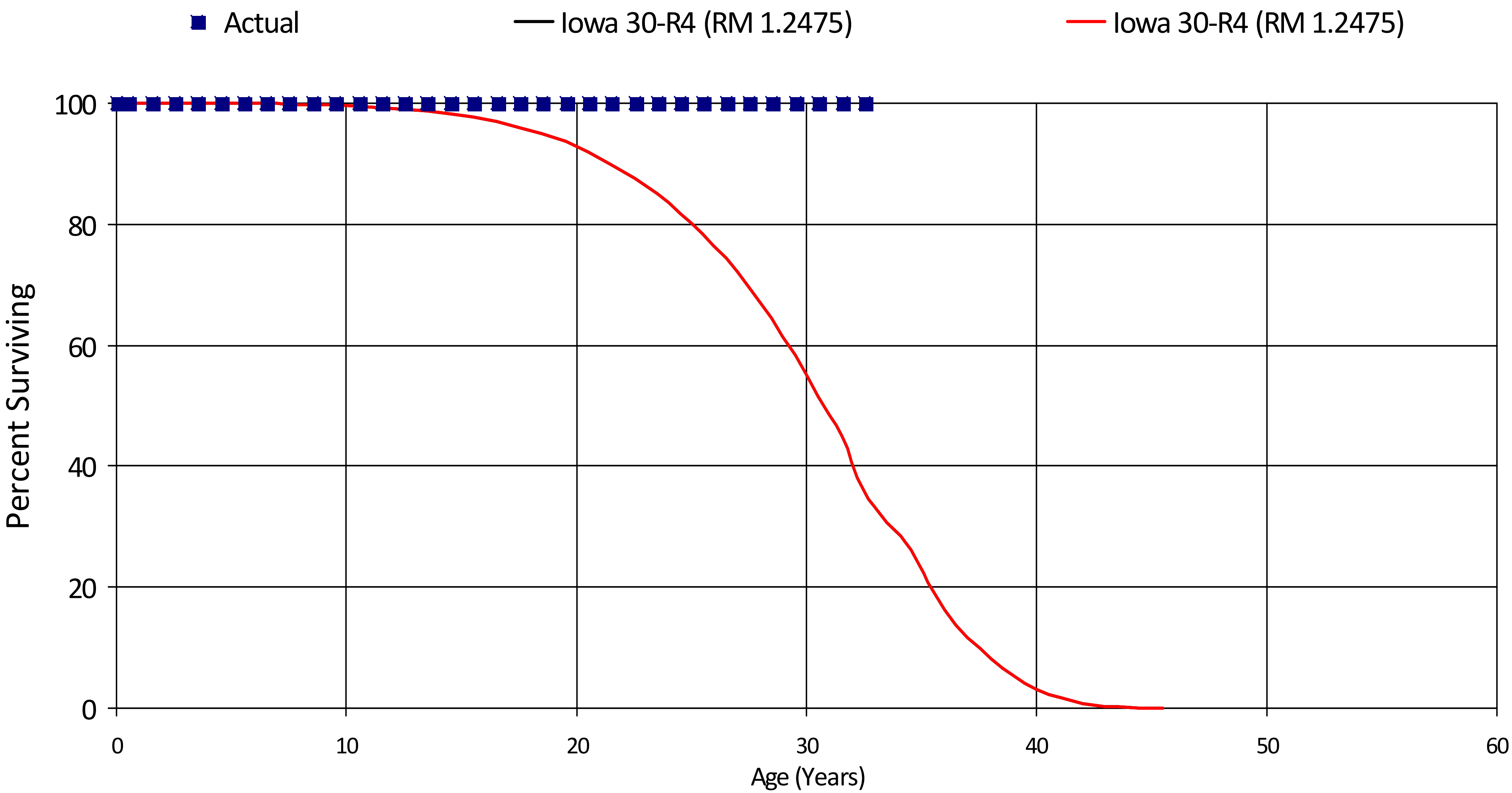
27.5	242,253	0	0.00000	1.00000	14.46
28.5	242,253	121,314	0.50077	0.49923	14.46
29.5	120,939	0	0.00000	1.00000	7.22
30.5	120,939	48,924	0.40453	0.59547	7.22
31.5	72,015	0	0.00000	1.00000	4.30
32.5	72,015	0	0.00000	1.00000	4.30
33.5	72,015	0	0.00000	1.00000	4.30
34.5	72,015	0	0.00000	1.00000	4.30
35.5	72,015	0	0.00000	1.00000	4.30
36.5	72,015	0	0.00000	1.00000	4.30
37.5	72,015	0	0.00000	1.00000	4.30
38.5	72,015	0	0.00000	1.00000	4.30
39.5	72,015	0	0.00000	1.00000	4.30
40.5	72,015	0	0.00000	1.00000	4.30
41.5	72,015	0	0.00000	1.00000	4.30
42.5	72,015	0	0.00000	1.00000	4.30
43.5	72,015	0	0.00000	1.00000	4.30
	Totals:	3,473,570			

Newfoundland and Labrador Hydro

Account P01 - P.C.B Storage Container

Placement Band - 1991 - 2024   Experience Band - 2024 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account P01 - P.C.B Storage Container

Placement Band - 1991 - 2024   Experience Band - 2024 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	42,480	0	0.00000	1.00000	100.00
0.5	42,480	0	0.00000	1.00000	100.00
1.5	42,480	0	0.00000	1.00000	100.00
2.5	42,480	0	0.00000	1.00000	100.00
3.5	42,480	0	0.00000	1.00000	100.00
4.5	42,480	0	0.00000	1.00000	100.00
5.5	42,480	0	0.00000	1.00000	100.00
6.5	42,480	0	0.00000	1.00000	100.00
7.5	42,480	0	0.00000	1.00000	100.00
8.5	42,480	0	0.00000	1.00000	100.00
9.5	42,480	0	0.00000	1.00000	100.00
10.5	42,480	0	0.00000	1.00000	100.00
11.5	42,480	0	0.00000	1.00000	100.00
12.5	42,480	0	0.00000	1.00000	100.00
13.5	42,480	0	0.00000	1.00000	100.00
14.5	42,480	0	0.00000	1.00000	100.00
15.5	42,480	0	0.00000	1.00000	100.00
16.5	42,480	0	0.00000	1.00000	100.00
17.5	42,480	0	0.00000	1.00000	100.00
18.5	42,480	0	0.00000	1.00000	100.00
19.5	42,480	0	0.00000	1.00000	100.00
20.5	42,480	0	0.00000	1.00000	100.00
21.5	42,480	0	0.00000	1.00000	100.00
22.5	42,480	0	0.00000	1.00000	100.00
23.5	42,480	0	0.00000	1.00000	100.00
24.5	42,480	0	0.00000	1.00000	100.00
25.5	42,480	0	0.00000	1.00000	100.00
26.5	42,480	0	0.00000	1.00000	100.00

Account P01 - P.C.B Storage Container

Placement Band - 1991 - 2024   Experience Band - 2024 - 2024

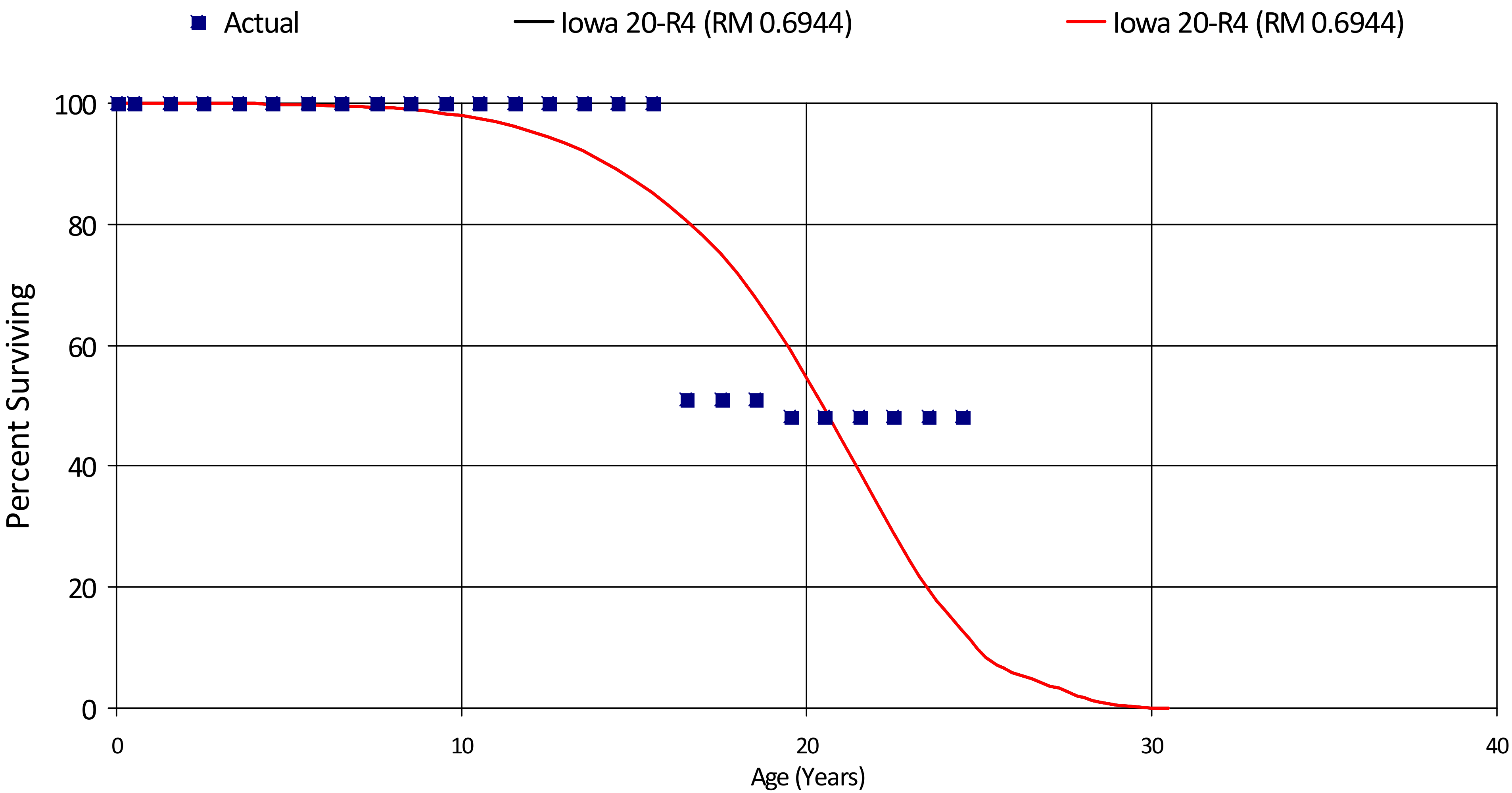
27.5	42,480	0	0.00000	1.00000	100.00
28.5	42,480	0	0.00000	1.00000	100.00
29.5	42,480	0	0.00000	1.00000	100.00
30.5	42,480	0	0.00000	1.00000	100.00
31.5	42,480	0	0.00000	1.00000	100.00
32.5	42,480	0	0.00000	1.00000	100.00
	Totals:	0			

Newfoundland and Labrador Hydro

Account P02 - PABX - Private Auto Branch Exchange

Placement Band - 1998 - 2024   Experience Band - 2020 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account P02 - PABX - Private Auto Branch Exchange

Placement Band - 1998 - 2024   Experience Band - 2020 - 2024

RETIREMENT RATE ANALYSIS

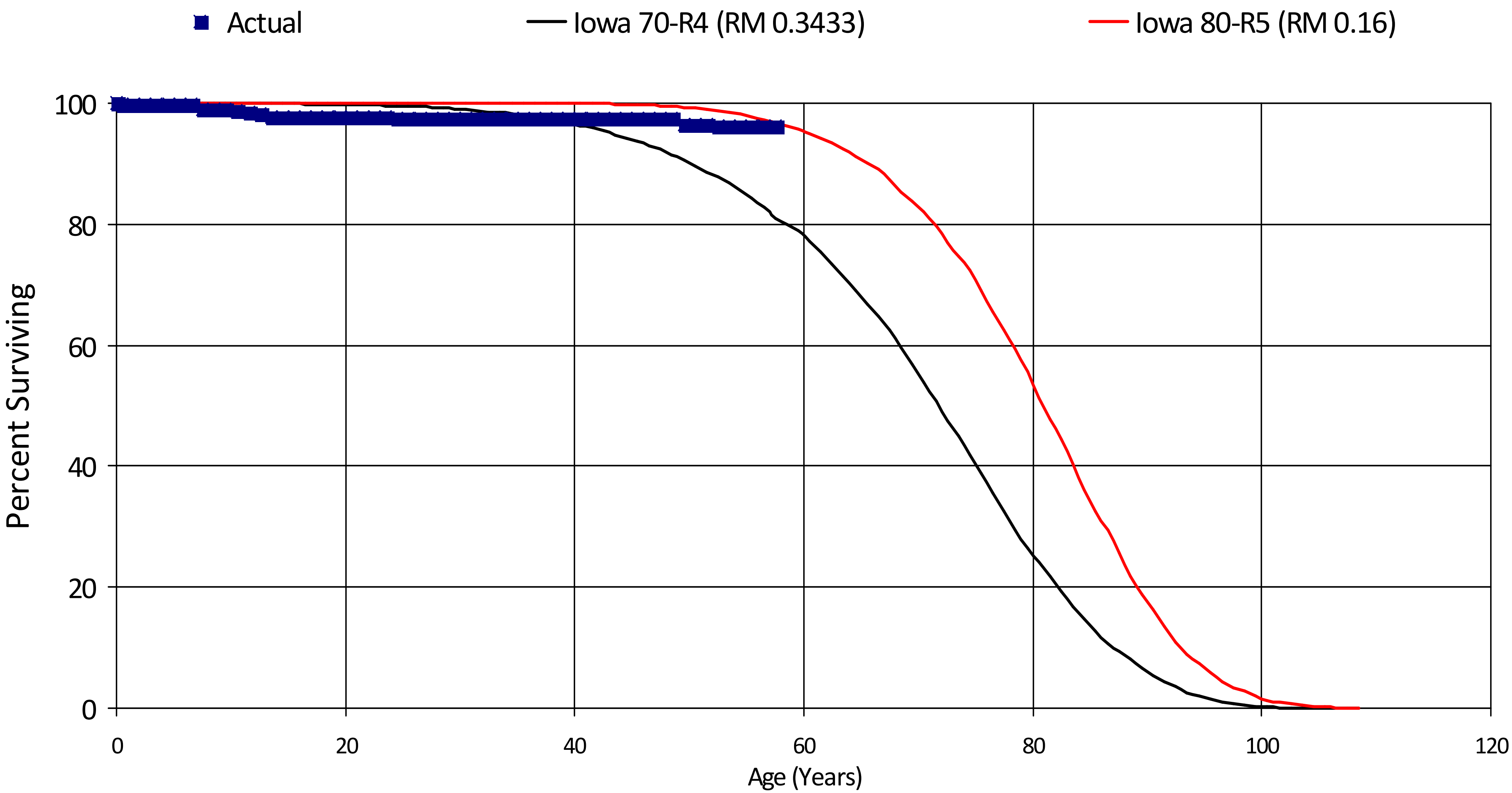
Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	536,536	0	0.00000	1.00000	100.00
0.5	536,536	0	0.00000	1.00000	100.00
1.5	536,536	0	0.00000	1.00000	100.00
2.5	536,536	0	0.00000	1.00000	100.00
3.5	536,536	0	0.00000	1.00000	100.00
4.5	536,536	0	0.00000	1.00000	100.00
5.5	536,536	0	0.00000	1.00000	100.00
6.5	536,536	0	0.00000	1.00000	100.00
7.5	536,536	0	0.00000	1.00000	100.00
8.5	536,536	0	0.00000	1.00000	100.00
9.5	536,536	0	0.00000	1.00000	100.00
10.5	536,536	0	0.00000	1.00000	100.00
11.5	536,536	0	0.00000	1.00000	100.00
12.5	536,536	0	0.00000	1.00000	100.00
13.5	536,536	0	0.00000	1.00000	100.00
14.5	536,536	0	0.00000	1.00000	100.00
15.5	536,536	263,067	0.49031	0.50969	100.00
16.5	273,469	0	0.00000	1.00000	50.97
17.5	273,469	0	0.00000	1.00000	50.97
18.5	273,469	14,811	0.05416	0.94584	50.97
19.5	258,657	0	0.00000	1.00000	48.21
20.5	258,657	0	0.00000	1.00000	48.21
21.5	258,657	0	0.00000	1.00000	48.21
22.5	258,657	0	0.00000	1.00000	48.21
23.5	258,657	0	0.00000	1.00000	48.21
24.5	0	0	0.00000	0.00000	48.21
	Totals:	277,878			

Newfoundland and Labrador Hydro

Account P03 - Penstock

Placement Band - 1966 - 2024 Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	82,937,235	221,412	0.00267	0.99733	100.00
0.5	82,406,627	25,000	0.00030	0.99970	99.73
1.5	80,717,154	0	0.00000	1.00000	99.70
2.5	80,717,154	0	0.00000	1.00000	99.70
3.5	80,460,414	0	0.00000	1.00000	99.70
4.5	80,460,414	0	0.00000	1.00000	99.70
5.5	79,959,212	0	0.00000	1.00000	99.70
6.5	73,519,295	599,350	0.00815	0.99185	99.70
7.5	65,125,066	0	0.00000	1.00000	98.89
8.5	58,747,117	0	0.00000	1.00000	98.89
9.5	58,747,117	123,578	0.00210	0.99790	98.89
10.5	58,623,539	45,999	0.00078	0.99922	98.68
11.5	58,577,540	232,392	0.00397	0.99603	98.60
12.5	58,345,149	233,388	0.00400	0.99600	98.21
13.5	58,111,760	19,319	0.00033	0.99967	97.82
14.5	58,092,441	0	0.00000	1.00000	97.79
15.5	58,092,441	107,354	0.00185	0.99815	97.79
16.5	57,985,087	0	0.00000	1.00000	97.61
17.5	57,985,087	0	0.00000	1.00000	97.61
18.5	55,837,618	0	0.00000	1.00000	97.61
19.5	55,837,618	1,009	0.00002	0.99998	97.61
20.5	55,836,609	0	0.00000	1.00000	97.61
21.5	49,104,384	0	0.00000	1.00000	97.61
22.5	49,104,384	0	0.00000	1.00000	97.61
23.5	49,104,384	16,693	0.00034	0.99966	97.61
24.5	49,087,691	13,218	0.00027	0.99973	97.58
25.5	49,074,473	9,230	0.00019	0.99981	97.55
26.5	49,065,242	0	0.00000	1.00000	97.53

Newfoundland and Labrador Hydro

Account P03 - Penstock

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

27.5	49,065,242	0	0.00000	1.00000	97.53
28.5	49,065,242	0	0.00000	1.00000	97.53
29.5	49,065,242	0	0.00000	1.00000	97.53
30.5	49,065,242	0	0.00000	1.00000	97.53
31.5	49,065,242	0	0.00000	1.00000	97.53
32.5	49,065,242	0	0.00000	1.00000	97.53
33.5	49,065,242	0	0.00000	1.00000	97.53
34.5	49,065,242	35,164	0.00072	0.99928	97.53
35.5	48,654,489	650	0.00001	0.99999	97.46
36.5	48,653,839	0	0.00000	1.00000	97.46
37.5	48,653,839	0	0.00000	1.00000	97.46
38.5	48,653,839	4,153	0.00009	0.99991	97.46
39.5	43,959,115	0	0.00000	1.00000	97.45
40.5	43,959,115	0	0.00000	1.00000	97.45
41.5	43,959,115	0	0.00000	1.00000	97.45
42.5	30,986,712	0	0.00000	1.00000	97.45
43.5	30,986,712	0	0.00000	1.00000	97.45
44.5	30,986,712	0	0.00000	1.00000	97.45
45.5	19,956,045	0	0.00000	1.00000	97.45
46.5	19,956,045	0	0.00000	1.00000	97.45
47.5	19,956,045	0	0.00000	1.00000	97.45
48.5	19,956,045	190,292	0.00954	0.99046	97.45
49.5	19,765,752	19,769	0.00100	0.99900	96.52
50.5	19,745,984	0	0.00000	1.00000	96.42
51.5	19,745,984	41,769	0.00212	0.99788	96.42
52.5	19,704,214	0	0.00000	1.00000	96.22
53.5	19,704,214	0	0.00000	1.00000	96.22
54.5	19,352,859	0	0.00000	1.00000	96.22
55.5	19,352,859	0	0.00000	1.00000	96.22
56.5	19,352,859	0	0.00000	1.00000	96.22
57.5	13,513,753	0	0.00000	1.00000	96.22

Newfoundland and Labrador Hydro

Account P03 - Penstock

Placement Band - 1966 - 2024   Experience Band - 1992 - 2024

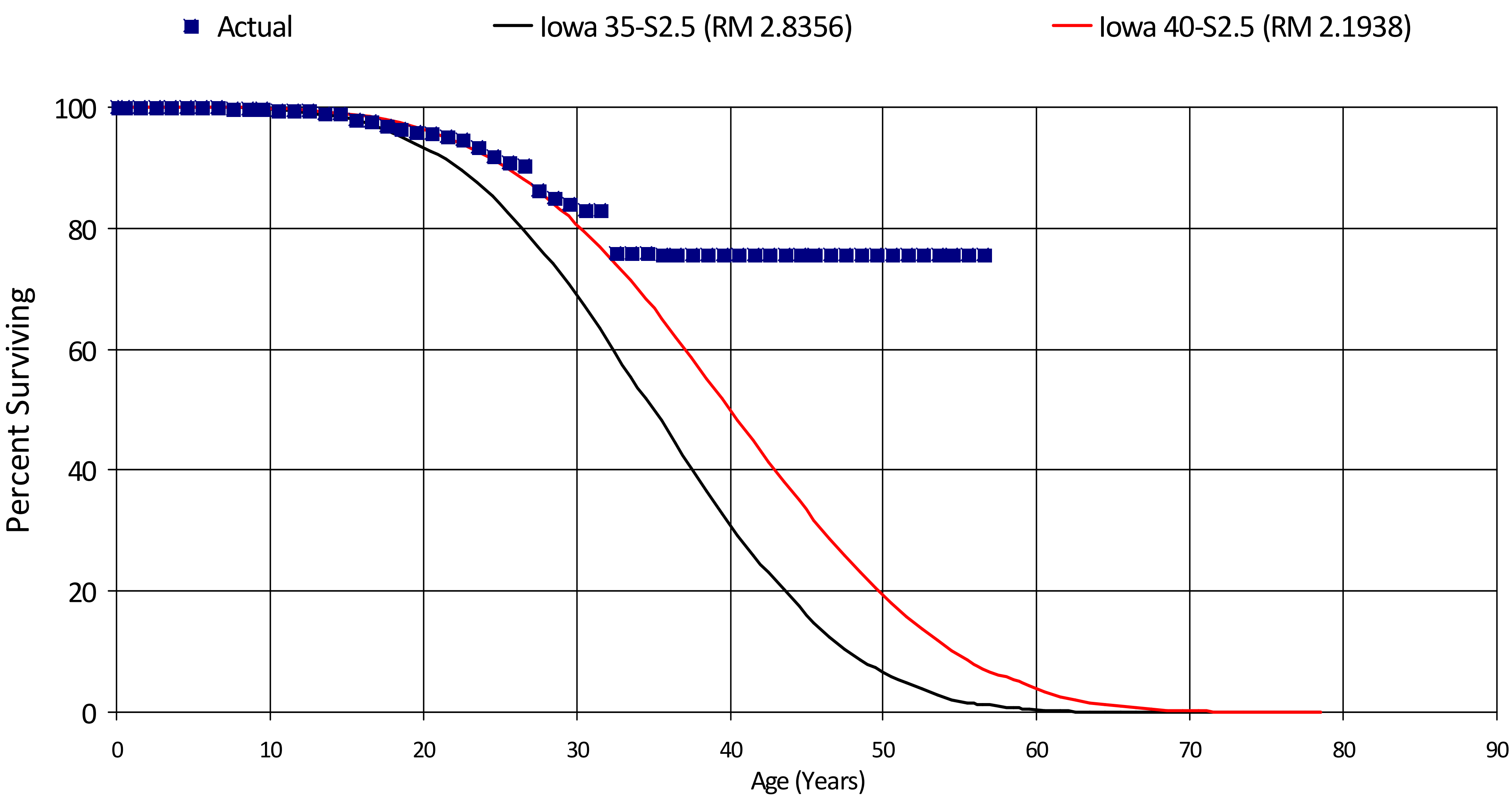
Totals: 1,939,739

Newfoundland and Labrador Hydro

Account P04 - Pole Cribs and Pole Hardware

Placement Band - 1967 - 2024 Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account P04 - Pole Cribs and Pole Hardware

Placement Band - 1967 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	151,865,606	13,079	0.00009	0.99991	100.00
0.5	151,703,577	1,409	0.00001	0.99999	99.99
1.5	150,685,609	168,412	0.00112	0.99888	99.99
2.5	150,063,618	334	0.00000	1.00000	99.88
3.5	149,341,120	3,838	0.00003	0.99997	99.88
4.5	148,395,387	1,365	0.00001	0.99999	99.88
5.5	147,912,836	2,253	0.00002	0.99998	99.88
6.5	141,902,604	10,701	0.00008	0.99992	99.88
7.5	140,049,456	47,163	0.00034	0.99966	99.87
8.5	126,545,656	182,808	0.00144	0.99856	99.84
9.5	118,523,747	136,209	0.00115	0.99885	99.70
10.5	116,773,197	49,983	0.00043	0.99957	99.59
11.5	101,055,037	178,942	0.00177	0.99823	99.55
12.5	93,427,273	269,870	0.00289	0.99711	99.37
13.5	86,072,267	152,914	0.00178	0.99822	99.08
14.5	80,876,599	860,124	0.01064	0.98936	98.90
15.5	74,374,126	77,359	0.00104	0.99896	97.85
16.5	68,594,225	558,617	0.00814	0.99186	97.75
17.5	64,061,725	250,930	0.00392	0.99608	96.95
18.5	59,273,662	402,278	0.00679	0.99321	96.57
19.5	55,408,568	93,421	0.00169	0.99831	95.91
20.5	51,756,741	267,280	0.00516	0.99484	95.75
21.5	48,343,701	282,015	0.00583	0.99417	95.26
22.5	43,333,940	588,961	0.01359	0.98641	94.70
23.5	40,345,852	627,221	0.01555	0.98445	93.41
24.5	37,669,138	432,090	0.01147	0.98853	91.96
25.5	35,871,424	268,305	0.00748	0.99252	90.91
26.5	33,724,438	1,474,052	0.04371	0.95629	90.23

Account P04 - Pole Cribs and Pole Hardware

Placement Band - 1967 - 2024 Experience Band - 1991 - 2024

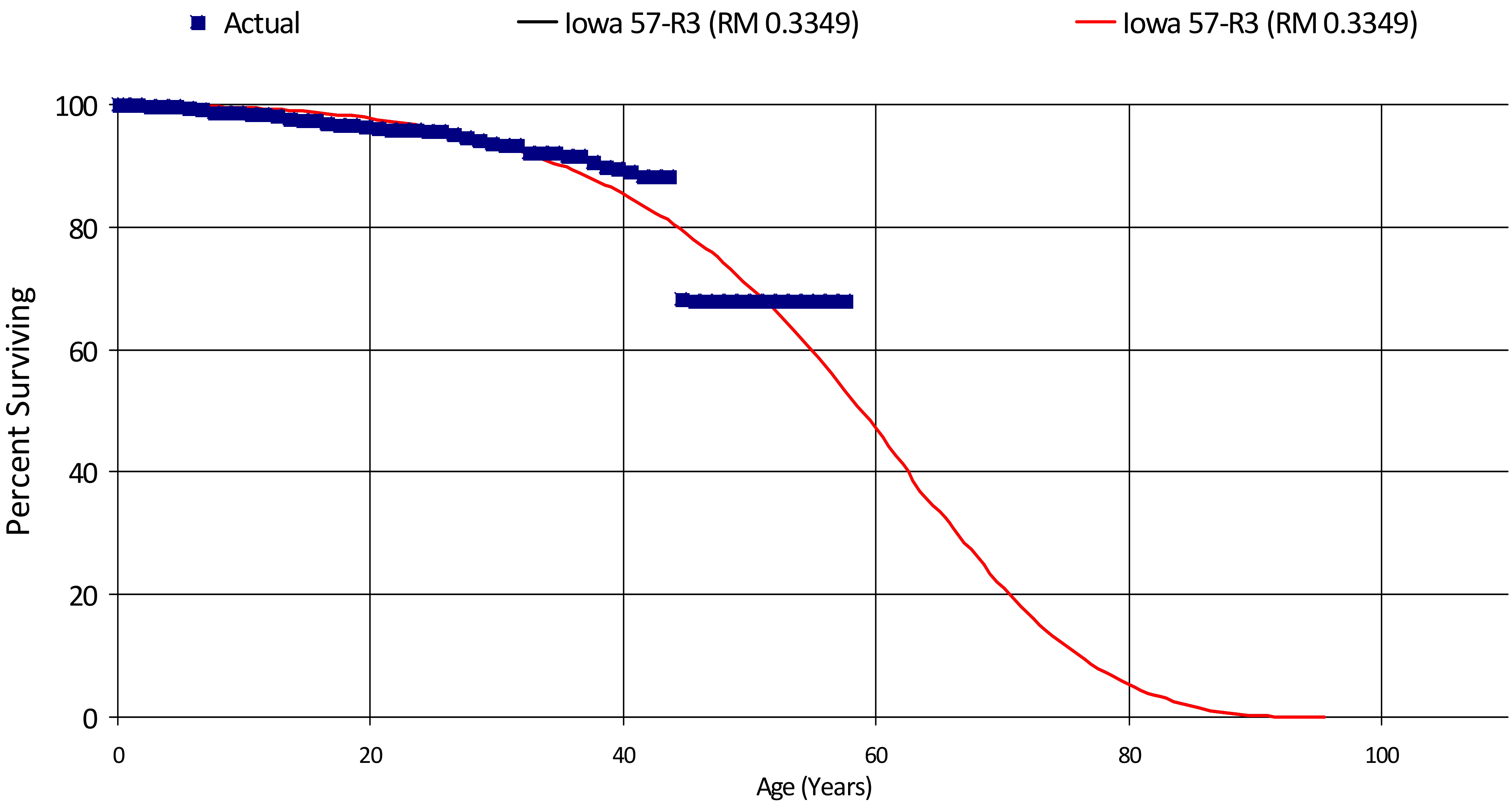
27.5	27,365,860	362,605	0.01325	0.98675	86.29
28.5	24,380,691	345,366	0.01417	0.98583	85.15
29.5	22,173,814	255,810	0.01154	0.98846	83.94
30.5	20,344,289	21,835	0.00107	0.99893	82.97
31.5	19,055,676	1,608,934	0.08443	0.91557	82.88
32.5	16,351,570	6,044	0.00037	0.99963	75.88
33.5	14,600,655	2,099	0.00014	0.99986	75.85
34.5	12,853,637	15,975	0.00124	0.99876	75.84
35.5	11,163,701	4,532	0.00041	0.99959	75.75
36.5	10,004,338	4,447	0.00044	0.99956	75.72
37.5	7,877,688	10,895	0.00138	0.99862	75.69
38.5	6,701,720	2,198	0.00033	0.99967	75.59
39.5	5,963,548	3,454	0.00058	0.99942	75.57
40.5	5,152,044	0	0.00000	1.00000	75.53
41.5	4,458,947	0	0.00000	1.00000	75.53
42.5	3,103,458	0	0.00000	1.00000	75.53
43.5	89,065	0	0.00000	1.00000	75.53
44.5	89,065	0	0.00000	1.00000	75.53
45.5	87,652	0	0.00000	1.00000	75.53
46.5	75,891	0	0.00000	1.00000	75.53
47.5	75,891	0	0.00000	1.00000	75.53
48.5	75,891	0	0.00000	1.00000	75.53
49.5	75,891	0	0.00000	1.00000	75.53
50.5	75,891	0	0.00000	1.00000	75.53
51.5	75,891	0	0.00000	1.00000	75.53
52.5	75,891	0	0.00000	1.00000	75.53
53.5	75,891	0	0.00000	1.00000	75.53
54.5	1,845	0	0.00000	1.00000	75.53
55.5	1,845	0	0.00000	1.00000	75.53
56.5	0	0	0.00000	0.00000	75.53
	Totals:	10,046,127			

Newfoundland and Labrador Hydro

Account P05 - Pole Structures - Wood

Placement Band - 1960 - 2024   Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	179,876,666	0	0.00000	1.00000	100.00
0.5	174,750,205	0	0.00000	1.00000	100.00
1.5	169,393,319	337,672	0.00199	0.99801	100.00
2.5	166,670,458	0	0.00000	1.00000	99.80
3.5	163,684,880	297,235	0.00182	0.99818	99.80
4.5	158,788,381	209,475	0.00132	0.99868	99.62
5.5	154,961,635	263,457	0.00170	0.99830	99.49
6.5	150,971,100	763,218	0.00506	0.99494	99.32
7.5	144,633,356	16,188	0.00011	0.99989	98.82
8.5	141,086,104	78,467	0.00056	0.99944	98.81
9.5	132,628,529	496,930	0.00375	0.99625	98.75
10.5	127,177,190	2,485	0.00002	0.99998	98.38
11.5	124,501,551	139,088	0.00112	0.99888	98.38
12.5	121,799,614	721,588	0.00592	0.99408	98.27
13.5	117,354,807	372,531	0.00317	0.99683	97.69
14.5	111,799,787	38,620	0.00035	0.99965	97.38
15.5	109,380,745	502,530	0.00459	0.99541	97.35
16.5	106,107,957	160,921	0.00152	0.99848	96.90
17.5	105,481,066	181,456	0.00172	0.99828	96.75
18.5	101,153,270	28,523	0.00028	0.99972	96.58
19.5	99,065,181	448,325	0.00453	0.99547	96.55
20.5	98,165,207	96,313	0.00098	0.99902	96.11
21.5	93,783,209	28,205	0.00030	0.99970	96.02
22.5	92,676,259	136,865	0.00148	0.99852	95.99
23.5	88,347,013	75,469	0.00085	0.99915	95.85
24.5	81,586,343	67,071	0.00082	0.99918	95.77
25.5	81,441,698	463,896	0.00570	0.99430	95.69
26.5	77,751,781	393,220	0.00506	0.99494	95.14

Account P05 - Pole Structures - Wood

Placement Band - 1960 - 2024   Experience Band - 1992 - 2024

27.5	77,074,071	368,422	0.00478	0.99522	94.66
28.5	70,691,458	442,470	0.00626	0.99374	94.21
29.5	67,256,707	155,208	0.00231	0.99769	93.62
30.5	67,065,783	15,952	0.00024	0.99976	93.40
31.5	66,922,508	886,940	0.01325	0.98675	93.38
32.5	65,892,461	25,166	0.00038	0.99962	92.14
33.5	65,644,042	31,374	0.00048	0.99952	92.10
34.5	41,959,226	162,790	0.00388	0.99612	92.06
35.5	41,210,937	79,352	0.00193	0.99807	91.70
36.5	38,492,759	405,815	0.01054	0.98946	91.52
37.5	33,530,580	287,746	0.00858	0.99142	90.56
38.5	33,098,898	95,352	0.00288	0.99712	89.78
39.5	30,965,220	114,312	0.00369	0.99631	89.52
40.5	30,407,881	284,345	0.00935	0.99065	89.19
41.5	24,400,759	42,409	0.00174	0.99826	88.36
42.5	17,822,162	2,319	0.00013	0.99987	88.21
43.5	11,884,540	2,688,671	0.22623	0.77377	88.20
44.5	8,328,753	14,927	0.00179	0.99821	68.25
45.5	8,309,913	3,297	0.00040	0.99960	68.13
46.5	8,218,792	1,133	0.00014	0.99986	68.10
47.5	8,177,928	0	0.00000	1.00000	68.09
48.5	8,081,262	0	0.00000	1.00000	68.09
49.5	8,076,719	1,118	0.00014	0.99986	68.09
50.5	5,266,079	0	0.00000	1.00000	68.08
51.5	5,266,079	3,350	0.00064	0.99936	68.08
52.5	5,262,729	0	0.00000	1.00000	68.04
53.5	5,242,041	0	0.00000	1.00000	68.04
54.5	2,464,713	0	0.00000	1.00000	68.04
55.5	2,044,047	0	0.00000	1.00000	68.04
56.5	1,357,250	0	0.00000	1.00000	68.04
57.5	0	0	0.00000	0.00000	68.04

Newfoundland and Labrador Hydro

Account P05 - Pole Structures - Wood

Placement Band - 1960 - 2024   Experience Band - 1992 - 2024

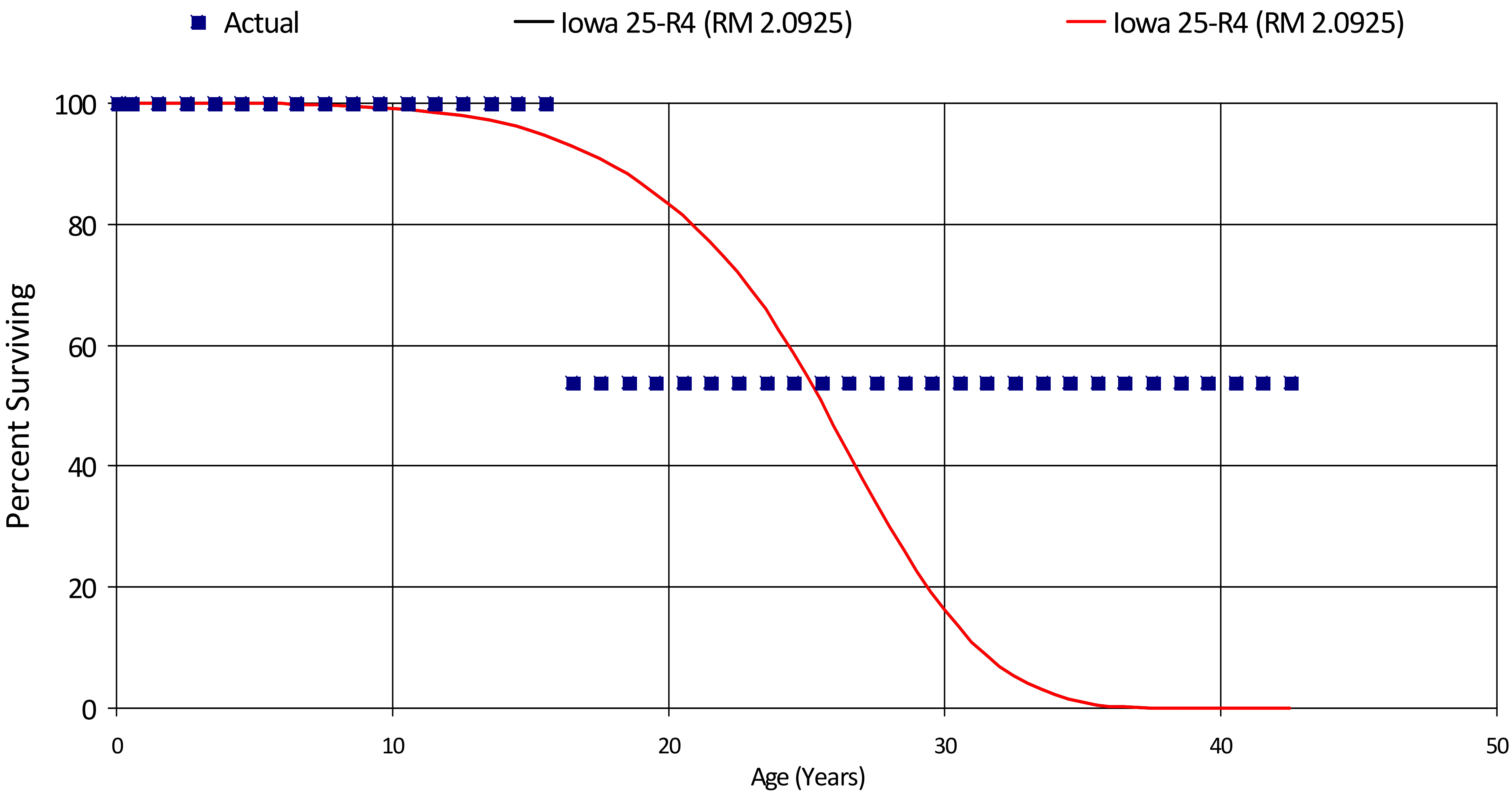
Totals: 12,432,216

Newfoundland and Labrador Hydro

Account P06 - Poles - Concrete

Placement Band - 1981 - 2024 Experience Band - 1997 - 2024

Actual and Smooth Survivor Curves



Account P06 - Poles - Concrete

Placement Band - 1981 - 2024   Experience Band - 1997 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	599,885	0	0.00000	1.00000	100.00
0.5	599,885	0	0.00000	1.00000	100.00
1.5	599,885	0	0.00000	1.00000	100.00
2.5	599,885	0	0.00000	1.00000	100.00
3.5	599,885	0	0.00000	1.00000	100.00
4.5	599,885	0	0.00000	1.00000	100.00
5.5	599,885	0	0.00000	1.00000	100.00
6.5	599,885	0	0.00000	1.00000	100.00
7.5	599,885	0	0.00000	1.00000	100.00
8.5	599,885	0	0.00000	1.00000	100.00
9.5	599,885	0	0.00000	1.00000	100.00
10.5	575,788	0	0.00000	1.00000	100.00
11.5	575,788	0	0.00000	1.00000	100.00
12.5	575,788	0	0.00000	1.00000	100.00
13.5	575,788	0	0.00000	1.00000	100.00
14.5	575,788	0	0.00000	1.00000	100.00
15.5	575,788	266,125	0.46219	0.53781	100.00
16.5	309,663	0	0.00000	1.00000	53.78
17.5	309,663	0	0.00000	1.00000	53.78
18.5	309,663	0	0.00000	1.00000	53.78
19.5	293,887	0	0.00000	1.00000	53.78
20.5	293,887	0	0.00000	1.00000	53.78
21.5	293,887	0	0.00000	1.00000	53.78
22.5	293,887	0	0.00000	1.00000	53.78
23.5	293,887	0	0.00000	1.00000	53.78
24.5	293,887	0	0.00000	1.00000	53.78
25.5	293,316	0	0.00000	1.00000	53.78
26.5	293,316	0	0.00000	1.00000	53.78

Newfoundland and Labrador Hydro

Account P06 - Poles - Concrete

Placement Band - 1981 - 2024 Experience Band - 1997 - 2024

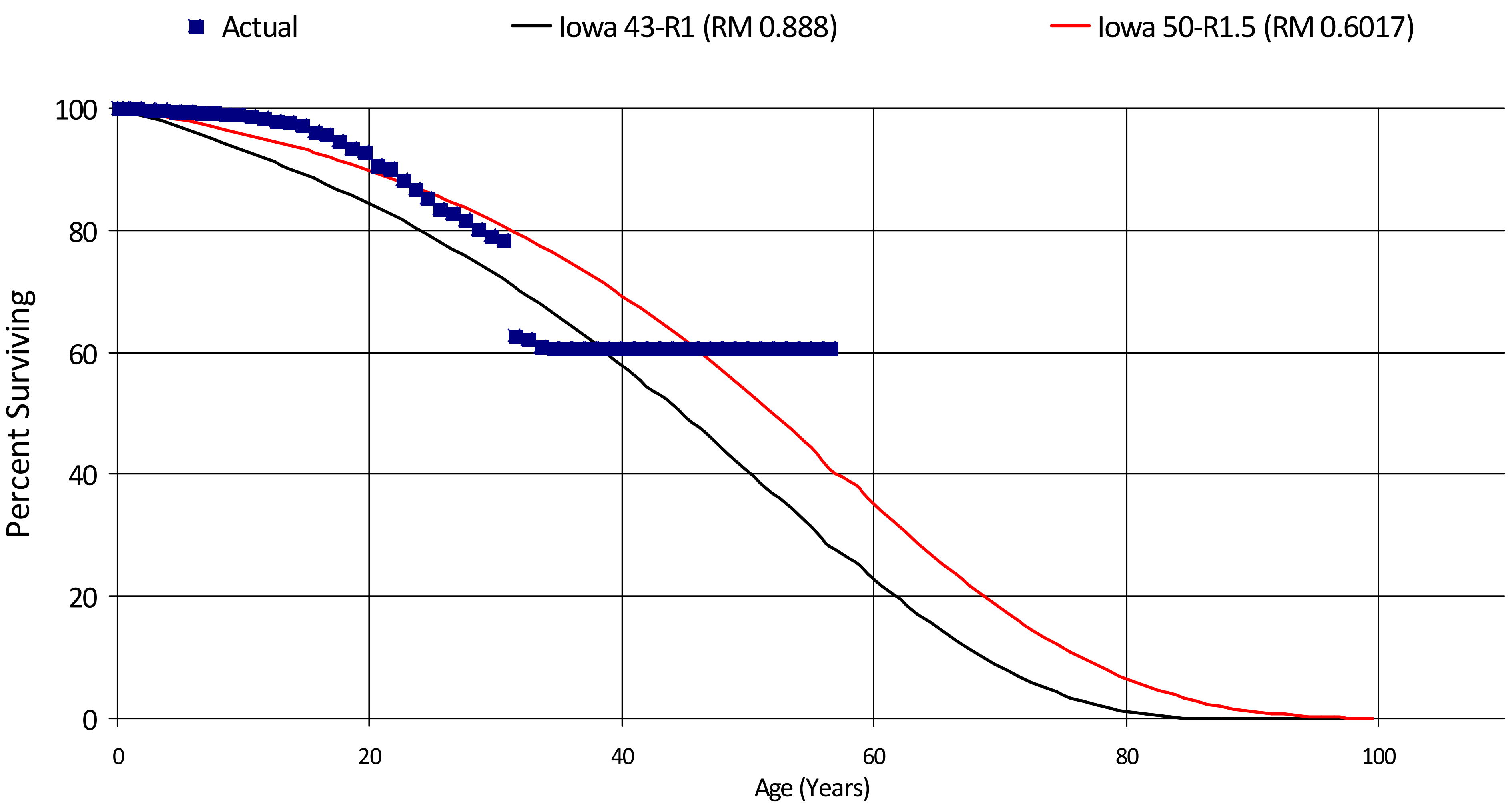
27.5	291,677	0	0.00000	1.00000	53.78
28.5	291,677	0	0.00000	1.00000	53.78
29.5	291,677	0	0.00000	1.00000	53.78
30.5	257,201	0	0.00000	1.00000	53.78
31.5	257,201	0	0.00000	1.00000	53.78
32.5	257,201	0	0.00000	1.00000	53.78
33.5	257,201	0	0.00000	1.00000	53.78
34.5	234,066	0	0.00000	1.00000	53.78
35.5	234,066	0	0.00000	1.00000	53.78
36.5	234,066	0	0.00000	1.00000	53.78
37.5	223,750	0	0.00000	1.00000	53.78
38.5	154,611	0	0.00000	1.00000	53.78
39.5	154,611	0	0.00000	1.00000	53.78
40.5	95,671	0	0.00000	1.00000	53.78
41.5	95,671	0	0.00000	1.00000	53.78
42.5	23,208	0	0.00000	1.00000	53.78
	Totals:	266,125			

Newfoundland and Labrador Hydro

Account P07 - Poles - Wood

Placement Band - 1967 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	108,432,426	40,059	0.00037	0.99963	100.00
0.5	102,678,531	36,605	0.00036	0.99964	99.96
1.5	98,569,859	208,455	0.00211	0.99789	99.92
2.5	94,982,064	68,646	0.00072	0.99928	99.71
3.5	89,261,593	67,574	0.00076	0.99924	99.64
4.5	82,957,852	39,406	0.00048	0.99952	99.56
5.5	78,666,003	141,382	0.00180	0.99820	99.51
6.5	76,842,391	103,083	0.00134	0.99866	99.33
7.5	73,433,980	112,674	0.00153	0.99847	99.20
8.5	72,244,543	84,825	0.00117	0.99883	99.05
9.5	68,138,358	66,534	0.00098	0.99902	98.93
10.5	63,927,970	260,085	0.00407	0.99593	98.83
11.5	59,476,666	239,141	0.00402	0.99598	98.43
12.5	55,454,283	165,140	0.00298	0.99702	98.03
13.5	52,850,532	260,760	0.00493	0.99507	97.74
14.5	51,021,113	519,226	0.01018	0.98982	97.26
15.5	49,062,065	267,793	0.00546	0.99454	96.27
16.5	46,884,100	473,524	0.01010	0.98990	95.74
17.5	44,370,622	614,161	0.01384	0.98616	94.77
18.5	39,519,394	225,167	0.00570	0.99430	93.46
19.5	37,356,007	884,463	0.02368	0.97632	92.93
20.5	35,061,505	199,094	0.00568	0.99432	90.73
21.5	33,412,204	734,784	0.02199	0.97801	90.21
22.5	26,458,233	427,985	0.01618	0.98382	88.23
23.5	24,764,824	406,490	0.01641	0.98359	86.80
24.5	23,223,833	511,843	0.02204	0.97796	85.38
25.5	21,767,663	221,737	0.01019	0.98981	83.50
26.5	20,395,395	228,317	0.01119	0.98881	82.65

Newfoundland and Labrador Hydro

Account P07 - Poles - Wood

Placement Band - 1967 - 2024   Experience Band - 1991 - 2024

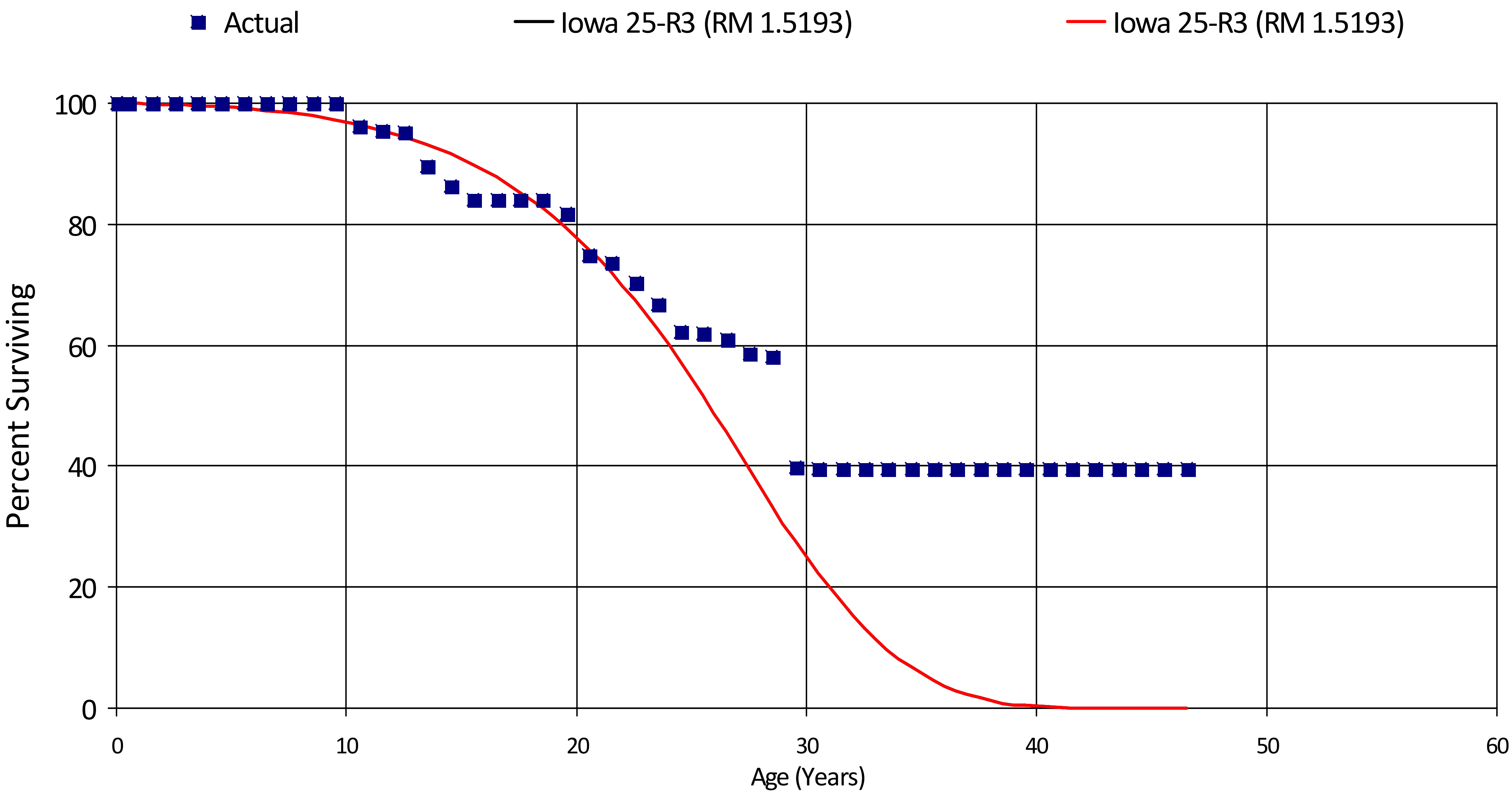
27.5	18,232,489	323,111	0.01772	0.98228	81.73
28.5	16,343,923	239,562	0.01466	0.98534	80.28
29.5	15,158,170	149,366	0.00985	0.99015	79.10
30.5	13,676,296	2,748,403	0.20096	0.79904	78.32
31.5	10,056,413	56,459	0.00561	0.99439	62.58
32.5	9,262,794	192,135	0.02074	0.97926	62.23
33.5	8,283,107	26,378	0.00318	0.99682	60.94
34.5	7,292,044	1,013	0.00014	0.99986	60.75
35.5	5,719,497	59	0.00001	0.99999	60.74
36.5	4,785,293	954	0.00020	0.99980	60.74
37.5	3,692,618	2,116	0.00057	0.99943	60.73
38.5	2,812,194	621	0.00022	0.99978	60.70
39.5	2,681,488	2,090	0.00078	0.99922	60.69
40.5	2,258,833	0	0.00000	1.00000	60.64
41.5	1,913,401	0	0.00000	1.00000	60.64
42.5	1,507,717	0	0.00000	1.00000	60.64
43.5	16,738	0	0.00000	1.00000	60.64
44.5	16,738	0	0.00000	1.00000	60.64
45.5	16,451	0	0.00000	1.00000	60.64
46.5	16,451	0	0.00000	1.00000	60.64
47.5	16,451	0	0.00000	1.00000	60.64
48.5	16,451	0	0.00000	1.00000	60.64
49.5	16,451	0	0.00000	1.00000	60.64
50.5	16,451	0	0.00000	1.00000	60.64
51.5	16,451	0	0.00000	1.00000	60.64
52.5	16,451	0	0.00000	1.00000	60.64
53.5	16,451	0	0.00000	1.00000	60.64
54.5	1,430	0	0.00000	1.00000	60.64
55.5	1,430	0	0.00000	1.00000	60.64
56.5	0	0	0.00000	0.00000	60.64
	Totals:	11,351,220			

Newfoundland and Labrador Hydro

Account P08 - Power Line Carrier

Placement Band - 1976 - 2024   Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	7,255,011	0	0.00000	1.00000	100.00
0.5	6,375,586	0	0.00000	1.00000	100.00
1.5	6,375,586	0	0.00000	1.00000	100.00
2.5	6,375,586	0	0.00000	1.00000	100.00
3.5	6,375,586	0	0.00000	1.00000	100.00
4.5	6,347,931	0	0.00000	1.00000	100.00
5.5	5,847,349	0	0.00000	1.00000	100.00
6.5	5,847,349	0	0.00000	1.00000	100.00
7.5	5,094,250	744	0.00015	0.99985	100.00
8.5	5,093,506	0	0.00000	1.00000	99.98
9.5	5,093,506	196,397	0.03856	0.96144	99.98
10.5	4,897,109	34,114	0.00697	0.99303	96.12
11.5	4,862,995	20,092	0.00413	0.99587	95.45
12.5	4,842,903	280,286	0.05788	0.94212	95.06
13.5	4,562,617	161,080	0.03530	0.96470	89.56
14.5	4,401,537	116,380	0.02644	0.97356	86.40
15.5	3,933,889	4,683	0.00119	0.99881	84.12
16.5	3,560,653	0	0.00000	1.00000	84.02
17.5	3,560,652	0	0.00000	1.00000	84.02
18.5	3,560,652	97,722	0.02744	0.97256	84.02
19.5	3,462,931	288,410	0.08328	0.91672	81.71
20.5	2,887,446	54,146	0.01875	0.98125	74.91
21.5	2,575,120	115,230	0.04475	0.95525	73.51
22.5	1,865,235	89,404	0.04793	0.95207	70.22
23.5	1,775,832	125,054	0.07042	0.92958	66.85
24.5	1,372,711	3,286	0.00239	0.99761	62.14
25.5	858,313	14,196	0.01654	0.98346	61.99
26.5	844,118	30,612	0.03627	0.96373	60.96

Newfoundland and Labrador Hydro

Account P08 - Power Line Carrier

Placement Band - 1976 - 2024   Experience Band - 1999 - 2024

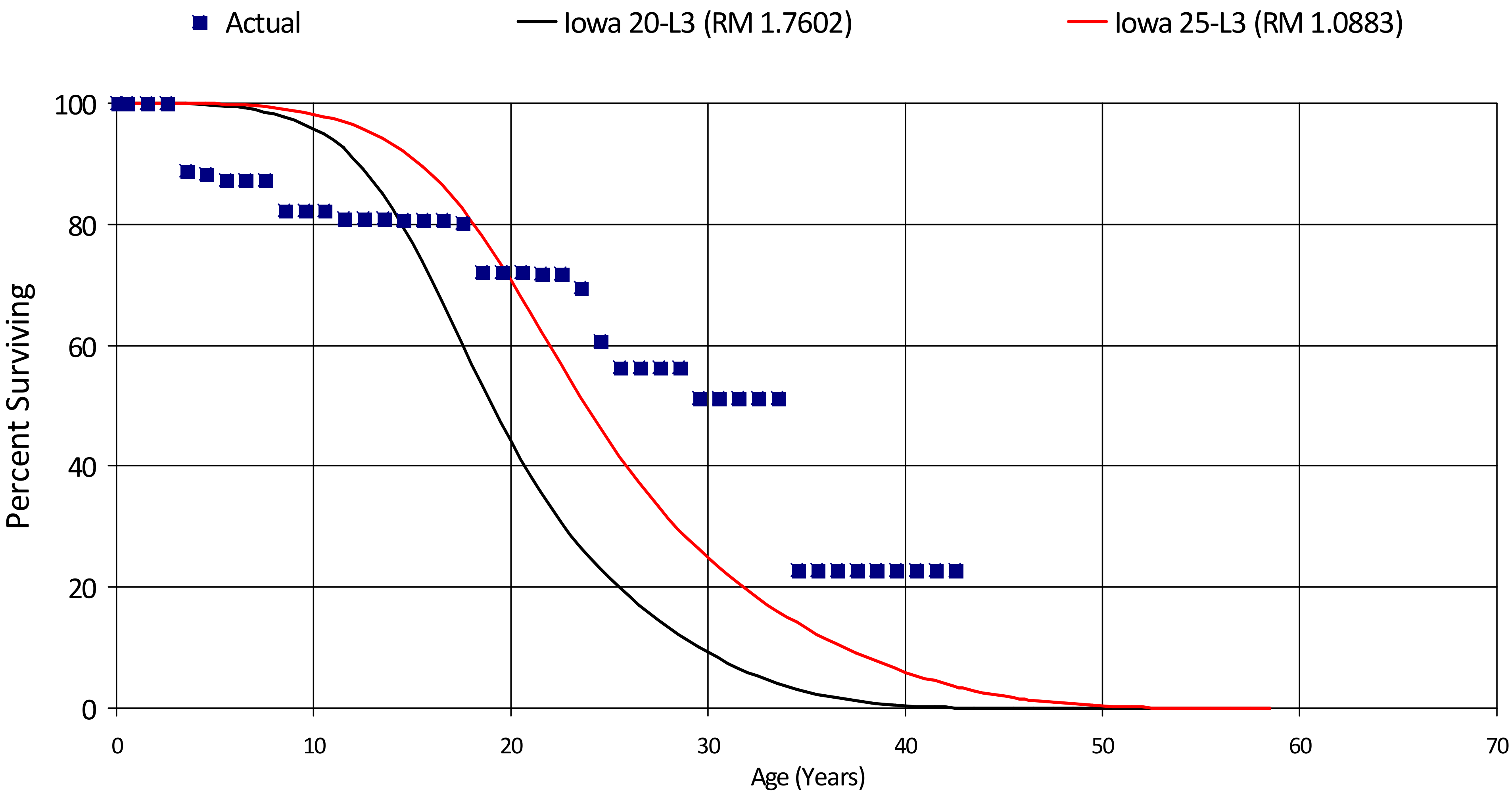
27.5	813,505	6,999	0.00860	0.99140	58.75
28.5	690,682	216,792	0.31388	0.68612	58.24
29.5	154,221	1,384	0.00897	0.99103	39.96
30.5	152,837	0	0.00000	1.00000	39.60
31.5	152,837	0	0.00000	1.00000	39.60
32.5	152,837	0	0.00000	1.00000	39.60
33.5	152,837	0	0.00000	1.00000	39.60
34.5	152,837	0	0.00000	1.00000	39.60
35.5	152,837	0	0.00000	1.00000	39.60
36.5	152,837	0	0.00000	1.00000	39.60
37.5	152,837	0	0.00000	1.00000	39.60
38.5	152,837	0	0.00000	1.00000	39.60
39.5	152,837	0	0.00000	1.00000	39.60
40.5	152,837	0	0.00000	1.00000	39.60
41.5	152,837	0	0.00000	1.00000	39.60
42.5	150,299	0	0.00000	1.00000	39.60
43.5	150,299	0	0.00000	1.00000	39.60
44.5	50,795	0	0.00000	1.00000	39.60
45.5	50,795	0	0.00000	1.00000	39.60
46.5	0	0	0.00000	0.00000	39.60
	Totals:	1,857,011			

Newfoundland and Labrador Hydro

Account P09 - Power Systems

Placement Band - 1980 - 2024 Experience Band - 2001 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	3,516,428	0	0.00000	1.00000	100.00
0.5	3,382,534	0	0.00000	1.00000	100.00
1.5	3,244,067	0	0.00000	1.00000	100.00
2.5	3,189,686	358,595	0.11242	0.88758	100.00
3.5	1,877,242	8,858	0.00472	0.99528	88.76
4.5	1,868,384	22,818	0.01221	0.98779	88.34
5.5	1,845,566	0	0.00000	1.00000	87.26
6.5	1,602,049	0	0.00000	1.00000	87.26
7.5	781,272	45,059	0.05767	0.94233	87.26
8.5	736,214	0	0.00000	1.00000	82.23
9.5	736,214	0	0.00000	1.00000	82.23
10.5	722,423	10,622	0.01470	0.98530	82.23
11.5	649,472	0	0.00000	1.00000	81.02
12.5	617,452	0	0.00000	1.00000	81.02
13.5	617,452	2,673	0.00433	0.99567	81.02
14.5	614,779	344	0.00056	0.99944	80.67
15.5	614,436	0	0.00000	1.00000	80.62
16.5	614,436	3,318	0.00540	0.99460	80.62
17.5	611,117	60,879	0.09962	0.90038	80.18
18.5	462,410	0	0.00000	1.00000	72.19
19.5	462,410	0	0.00000	1.00000	72.19
20.5	432,977	2,900	0.00670	0.99330	72.19
21.5	55,641	0	0.00000	1.00000	71.71
22.5	55,641	1,774	0.03188	0.96812	71.71
23.5	53,867	6,712	0.12460	0.87540	69.42
24.5	47,155	3,531	0.07488	0.92512	60.77
25.5	43,624	0	0.00000	1.00000	56.22
26.5	40,951	0	0.00000	1.00000	56.22

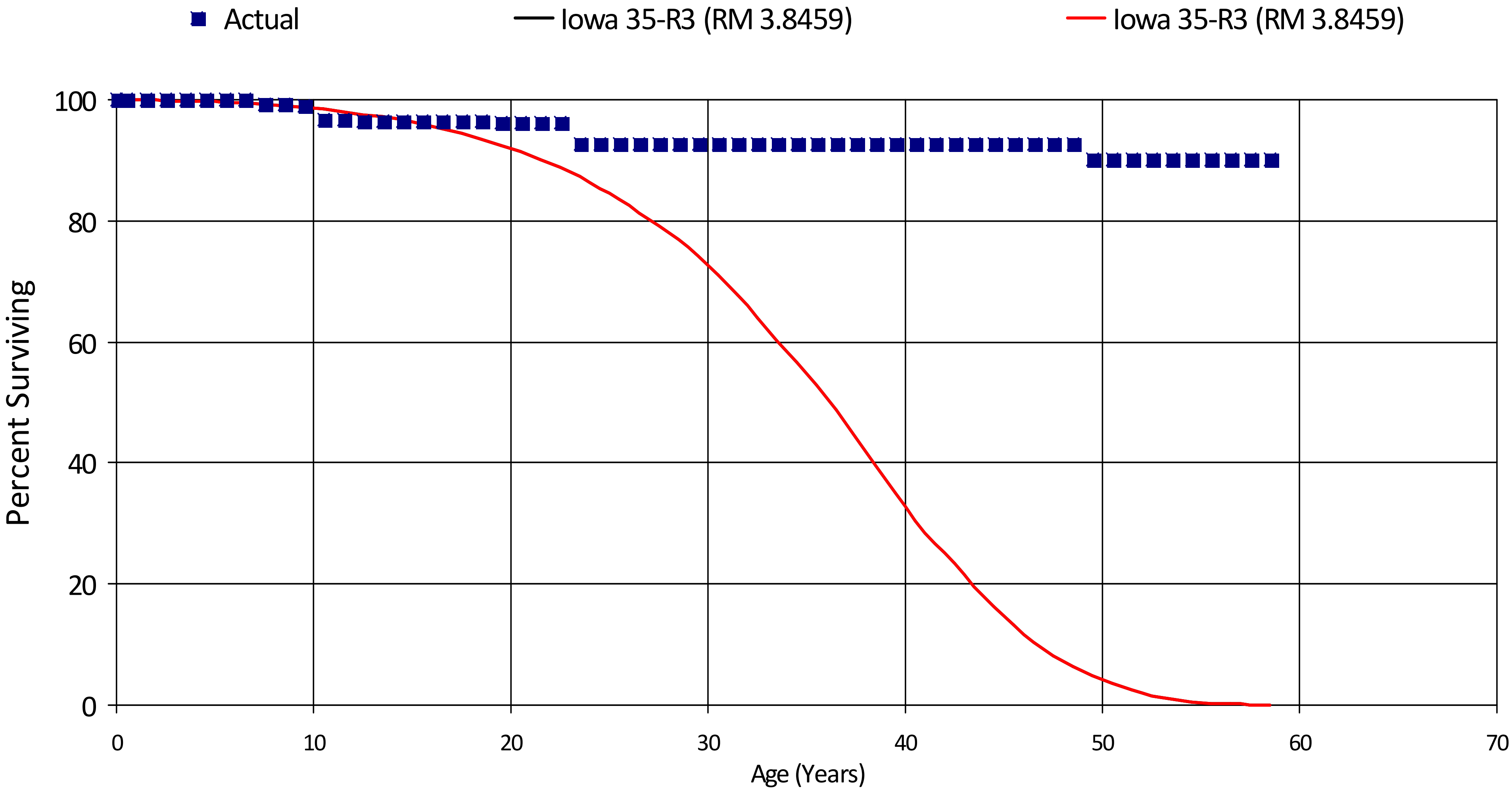
27.5	11,651	0	0.00000	1.00000	56.22
28.5	11,651	1,000	0.08583	0.91417	56.22
29.5	10,651	0	0.00000	1.00000	51.39
30.5	10,651	0	0.00000	1.00000	51.39
31.5	10,651	0	0.00000	1.00000	51.39
32.5	8,301	0	0.00000	1.00000	51.39
33.5	8,301	4,598	0.55390	0.44610	51.39
34.5	0	0	0.00000	1.00000	22.93
35.5	0	0	0.00000	1.00000	22.93
36.5	0	0	0.00000	1.00000	22.93
37.5	0	0	0.00000	1.00000	22.93
38.5	0	0	0.00000	1.00000	22.93
39.5	0	0	0.00000	1.00000	22.93
40.5	0	0	0.00000	1.00000	22.93
41.5	0	0	0.00000	1.00000	22.93
42.5	0	0	0.00000	0.00000	22.93
	Totals:	533,681			

Newfoundland and Labrador Hydro

Account P12 - Protective Control and Relay Panels

Placement Band - 1965 - 2024 Experience Band - 2000 - 2024

Actual and Smooth Survivor Curves



Account P12 - Protective Control and Relay Panels

Placement Band - 1965 - 2024   Experience Band - 2000 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	37,366,412	0	0.00000	1.00000	100.00
0.5	32,625,172	289	0.00001	0.99999	100.00
1.5	30,739,984	19,275	0.00063	0.99937	100.00
2.5	27,826,064	4,151	0.00015	0.99985	99.94
3.5	24,365,829	0	0.00000	1.00000	99.93
4.5	20,974,360	0	0.00000	1.00000	99.93
5.5	18,720,384	0	0.00000	1.00000	99.93
6.5	17,016,750	129,572	0.00761	0.99239	99.93
7.5	11,548,495	0	0.00000	1.00000	99.17
8.5	10,122,692	7,102	0.00070	0.99930	99.17
9.5	9,312,620	228,244	0.02451	0.97549	99.10
10.5	8,683,137	0	0.00000	1.00000	96.67
11.5	5,976,684	16,280	0.00272	0.99728	96.67
12.5	5,867,825	0	0.00000	1.00000	96.41
13.5	4,587,163	0	0.00000	1.00000	96.41
14.5	4,509,211	0	0.00000	1.00000	96.41
15.5	4,365,760	0	0.00000	1.00000	96.41
16.5	4,319,921	0	0.00000	1.00000	96.41
17.5	3,902,150	0	0.00000	1.00000	96.41
18.5	3,818,010	8,740	0.00229	0.99771	96.41
19.5	3,672,325	0	0.00000	1.00000	96.19
20.5	3,404,440	0	0.00000	1.00000	96.19
21.5	1,698,933	0	0.00000	1.00000	96.19
22.5	1,698,933	64,494	0.03796	0.96204	96.19
23.5	1,634,440	0	0.00000	1.00000	92.54
24.5	1,634,440	0	0.00000	1.00000	92.54
25.5	1,510,650	0	0.00000	1.00000	92.54
26.5	1,510,650	0	0.00000	1.00000	92.54

Newfoundland and Labrador Hydro

Account P12 - Protective Control and Relay Panels

Placement Band - 1965 - 2024   Experience Band - 2000 - 2024

27.5	1,510,650	15	0.00001	0.99999	92.54
28.5	1,088,118	0	0.00000	1.00000	92.54
29.5	1,006,182	34	0.00003	0.99997	92.54
30.5	1,006,149	0	0.00000	1.00000	92.54
31.5	1,006,149	0	0.00000	1.00000	92.54
32.5	1,006,149	0	0.00000	1.00000	92.54
33.5	1,006,149	0	0.00000	1.00000	92.54
34.5	1,006,149	0	0.00000	1.00000	92.54
35.5	1,006,149	0	0.00000	1.00000	92.54
36.5	995,112	0	0.00000	1.00000	92.54
37.5	897,215	0	0.00000	1.00000	92.54
38.5	897,215	0	0.00000	1.00000	92.54
39.5	897,215	0	0.00000	1.00000	92.54
40.5	831,582	0	0.00000	1.00000	92.54
41.5	831,582	0	0.00000	1.00000	92.54
42.5	831,582	0	0.00000	1.00000	92.54
43.5	831,582	0	0.00000	1.00000	92.54
44.5	557,581	0	0.00000	1.00000	92.54
45.5	557,581	0	0.00000	1.00000	92.54
46.5	557,581	0	0.00000	1.00000	92.54
47.5	557,581	0	0.00000	1.00000	92.54
48.5	557,581	14,337	0.02571	0.97429	92.54
49.5	543,244	0	0.00000	1.00000	90.16
50.5	543,244	0	0.00000	1.00000	90.16
51.5	543,244	0	0.00000	1.00000	90.16
52.5	382,550	0	0.00000	1.00000	90.16
53.5	382,550	0	0.00000	1.00000	90.16
54.5	382,550	0	0.00000	1.00000	90.16
55.5	382,550	0	0.00000	1.00000	90.16
56.5	325,468	0	0.00000	1.00000	90.16
57.5	112,137	0	0.00000	1.00000	90.16

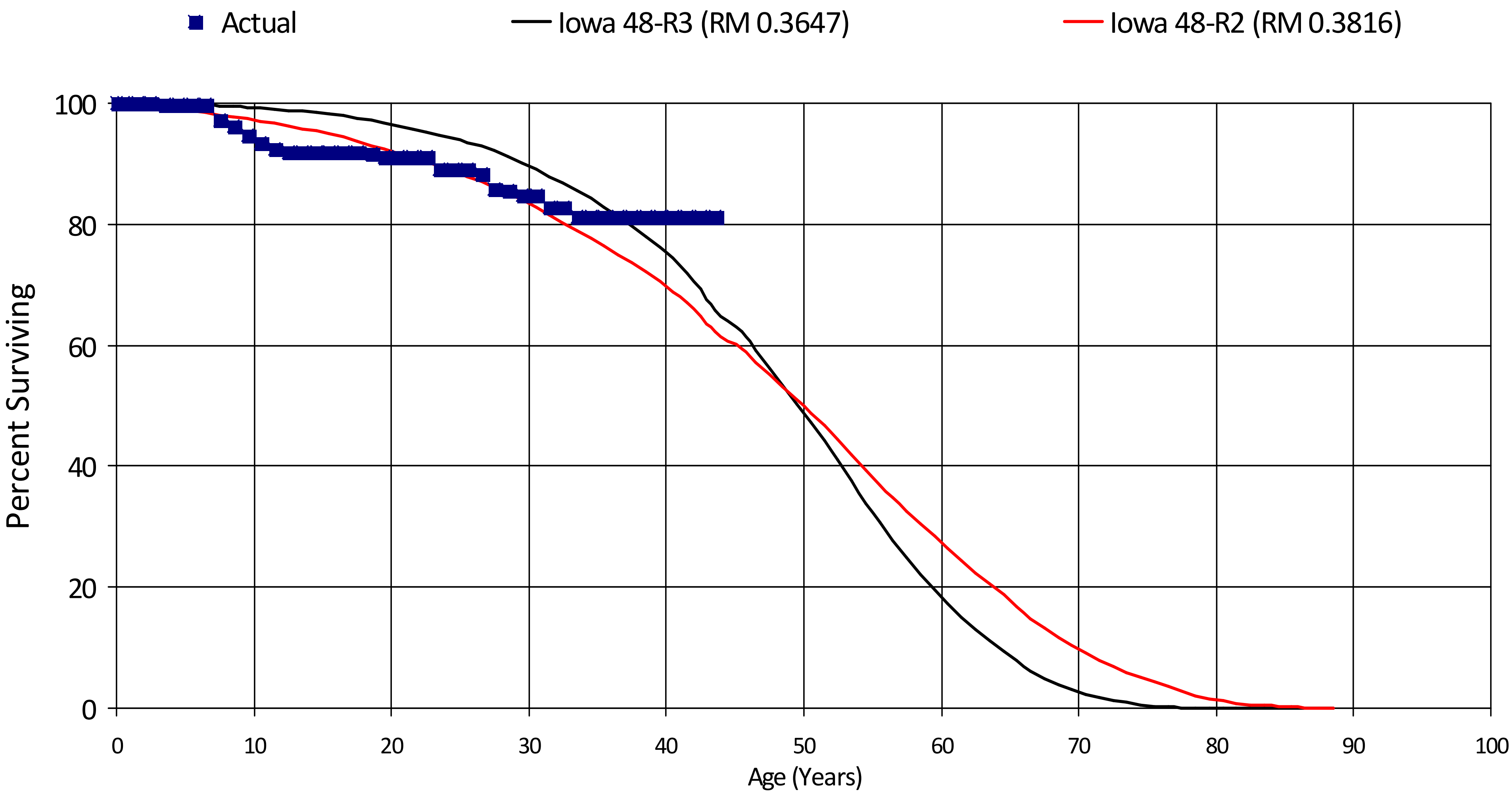
58.5	112,137	0	0.00000	1.00000	90.16
	Totals:	492,533			

Newfoundland and Labrador Hydro

Account R01 - Radio Towers (Wood or Steel)

Placement Band - 1980 - 2024 Experience Band - 2001 - 2024

Actual and Smooth Survivor Curves



Account R01 - Radio Towers (Wood or Steel)

Placement Band - 1980 - 2024   Experience Band - 2001 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	10,195,523	0	0.00000	1.00000	100.00
0.5	10,195,523	0	0.00000	1.00000	100.00
1.5	10,195,523	0	0.00000	1.00000	100.00
2.5	10,195,523	26,297	0.00258	0.99742	100.00
3.5	9,983,701	0	0.00000	1.00000	99.74
4.5	9,783,646	0	0.00000	1.00000	99.74
5.5	9,783,646	0	0.00000	1.00000	99.74
6.5	9,651,200	251,091	0.02602	0.97398	99.74
7.5	9,400,110	98,626	0.01049	0.98951	97.14
8.5	9,301,484	133,839	0.01439	0.98561	96.12
9.5	9,167,644	126,415	0.01379	0.98621	94.74
10.5	9,041,229	113,599	0.01256	0.98744	93.43
11.5	8,901,333	32,144	0.00361	0.99639	92.26
12.5	8,869,190	2,789	0.00031	0.99969	91.93
13.5	8,866,401	0	0.00000	1.00000	91.90
14.5	8,651,754	1,644	0.00019	0.99981	91.90
15.5	8,575,392	0	0.00000	1.00000	91.88
16.5	8,575,392	7,025	0.00082	0.99918	91.88
17.5	8,207,228	20,792	0.00253	0.99747	91.80
18.5	8,186,436	38,639	0.00472	0.99528	91.57
19.5	7,916,606	0	0.00000	1.00000	91.14
20.5	7,916,606	1,906	0.00024	0.99976	91.14
21.5	3,662,039	2,042	0.00056	0.99944	91.12
22.5	3,659,997	84,079	0.02297	0.97703	91.07
23.5	1,666,135	0	0.00000	1.00000	88.98
24.5	1,666,135	0	0.00000	1.00000	88.98
25.5	1,666,135	11,183	0.00671	0.99329	88.98
26.5	1,654,952	48,007	0.02901	0.97099	88.38

Account R01 - Radio Towers (Wood or Steel)

Placement Band - 1980 - 2024 Experience Band - 2001 - 2024

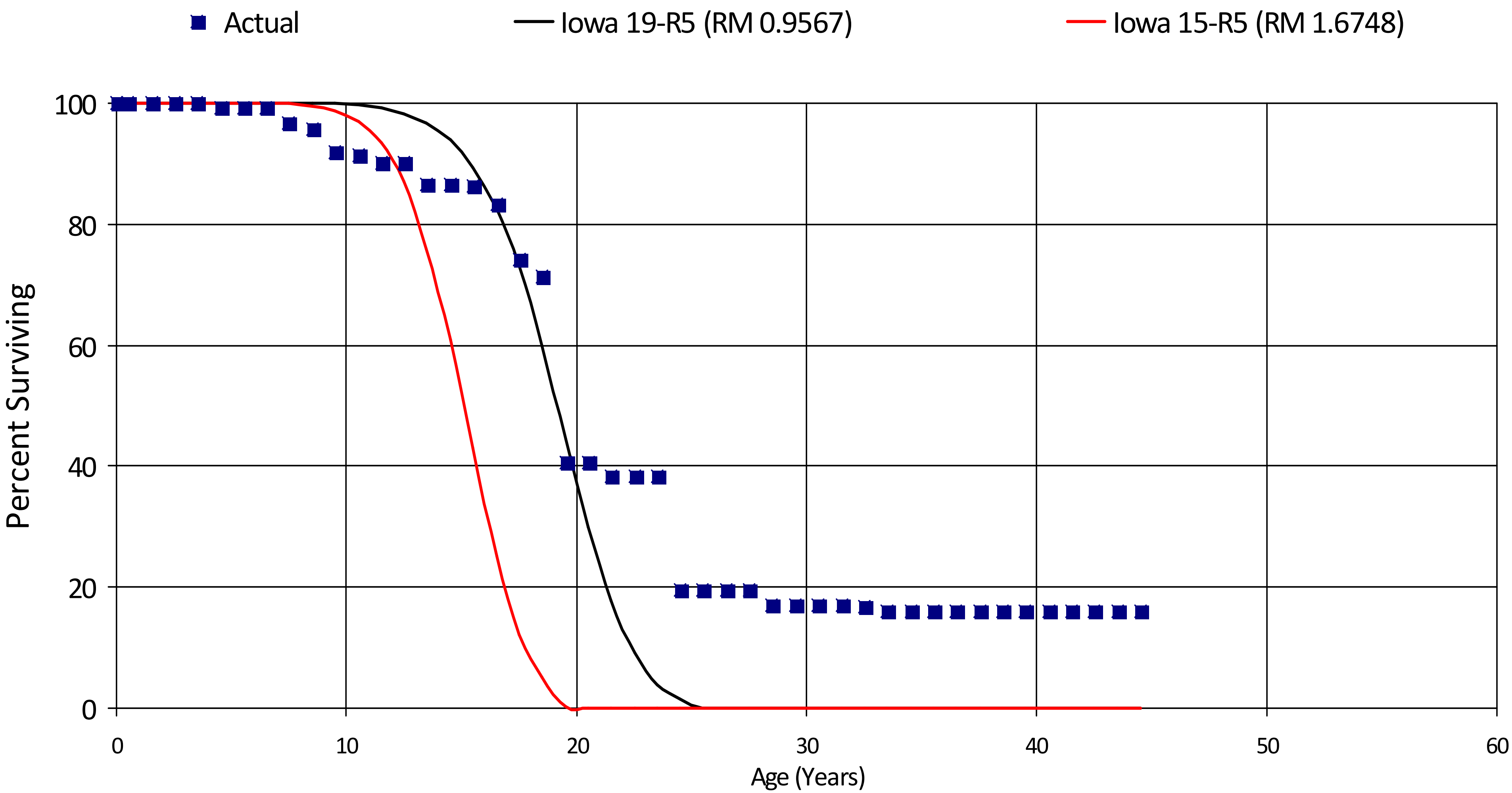
27.5	1,606,945	6,445	0.00401	0.99599	85.82
28.5	1,600,500	13,493	0.00843	0.99157	85.48
29.5	1,587,007	0	0.00000	1.00000	84.76
30.5	1,587,007	37,301	0.02350	0.97650	84.76
31.5	1,529,358	2,832	0.00185	0.99815	82.77
32.5	1,526,526	26,322	0.01724	0.98276	82.62
33.5	1,500,204	0	0.00000	1.00000	81.20
34.5	1,439,332	0	0.00000	1.00000	81.20
35.5	1,439,332	0	0.00000	1.00000	81.20
36.5	1,439,332	0	0.00000	1.00000	81.20
37.5	1,439,332	0	0.00000	1.00000	81.20
38.5	1,439,332	0	0.00000	1.00000	81.20
39.5	1,439,332	0	0.00000	1.00000	81.20
40.5	1,093,581	0	0.00000	1.00000	81.20
41.5	1,093,581	0	0.00000	1.00000	81.20
42.5	931,523	0	0.00000	1.00000	81.20
43.5	931,523	0	0.00000	1.00000	81.20
	Totals:	1,086,510			

Newfoundland and Labrador Hydro

Account R02 - Radios - Fixed Microwave Equipment and Fixed UHF Equipment

Placement Band - 1976 - 2024   Experience Band - 1995 - 2024

Actual and Smooth Survivor Curves



Account R02 - Radios - Fixed Microwave Equipment and Fixed UHF Equipment

Placement Band - 1976 - 2024   Experience Band - 1995 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	9,423,457	0	0.00000	1.00000	100.00
0.5	9,207,608	0	0.00000	1.00000	100.00
1.5	9,207,608	0	0.00000	1.00000	100.00
2.5	9,082,861	0	0.00000	1.00000	100.00
3.5	9,082,861	64,764	0.00713	0.99287	100.00
4.5	9,018,097	2,571	0.00029	0.99971	99.29
5.5	8,077,647	5,955	0.00074	0.99926	99.26
6.5	8,071,692	207,005	0.02565	0.97435	99.19
7.5	6,816,114	68,126	0.00999	0.99001	96.65
8.5	6,747,988	269,626	0.03996	0.96004	95.68
9.5	6,474,977	32,490	0.00502	0.99498	91.86
10.5	5,602,288	73,950	0.01320	0.98680	91.40
11.5	5,528,338	0	0.00000	1.00000	90.19
12.5	5,501,409	226,611	0.04119	0.95881	90.19
13.5	5,274,797	1,874	0.00036	0.99964	86.48
14.5	5,220,477	10,053	0.00193	0.99807	86.45
15.5	5,160,644	182,232	0.03531	0.96469	86.28
16.5	4,938,891	543,297	0.11000	0.89000	83.23
17.5	4,211,167	151,765	0.03604	0.96396	74.07
18.5	4,059,402	1,755,806	0.43253	0.56747	71.40
19.5	2,303,596	1,462	0.00063	0.99937	40.52
20.5	2,302,134	122,561	0.05324	0.94676	40.49
21.5	322,884	0	0.00000	1.00000	38.33
22.5	322,884	0	0.00000	1.00000	38.33
23.5	322,884	157,782	0.48867	0.51133	38.33
24.5	165,102	0	0.00000	1.00000	19.60
25.5	165,102	0	0.00000	1.00000	19.60
26.5	165,102	0	0.00000	1.00000	19.60

Account R02 - Radios - Fixed Microwave Equipment and Fixed UHF Equipment

Placement Band - 1976 - 2024   Experience Band - 1995 - 2024

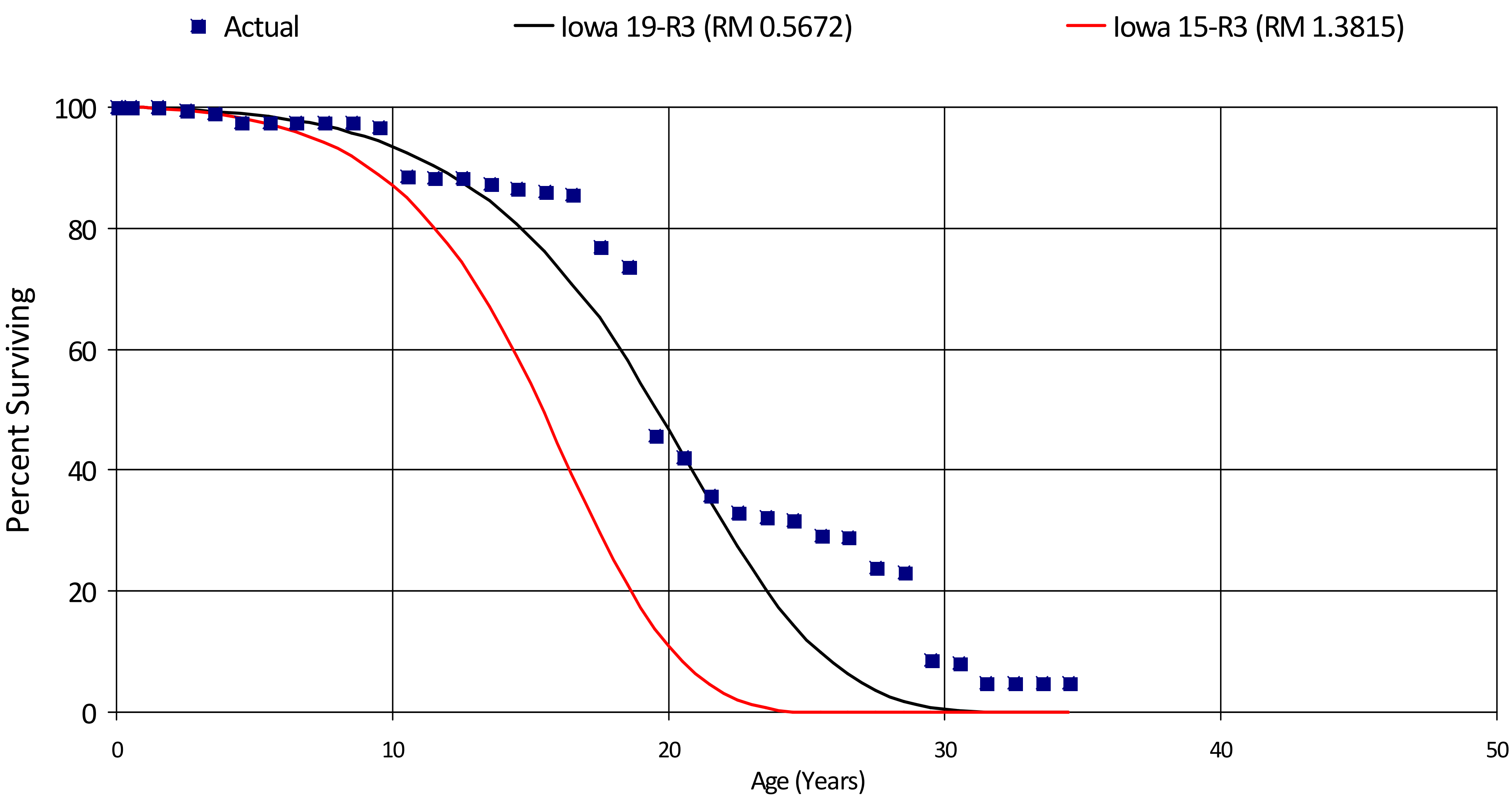
27.5	165,102	22,350	0.13537	0.86463	19.60
28.5	142,752	0	0.00000	1.00000	16.95
29.5	142,752	0	0.00000	1.00000	16.95
30.5	142,752	0	0.00000	1.00000	16.95
31.5	142,752	1,124	0.00787	0.99213	16.95
32.5	141,628	7,869	0.05556	0.94444	16.82
33.5	133,759	0	0.00000	1.00000	15.89
34.5	133,759	0	0.00000	1.00000	15.89
35.5	133,759	0	0.00000	1.00000	15.89
36.5	133,759	0	0.00000	1.00000	15.89
37.5	133,759	0	0.00000	1.00000	15.89
38.5	133,759	0	0.00000	1.00000	15.89
39.5	133,759	0	0.00000	1.00000	15.89
40.5	133,759	0	0.00000	1.00000	15.89
41.5	133,759	0	0.00000	1.00000	15.89
42.5	133,759	0	0.00000	1.00000	15.89
43.5	133,759	0	0.00000	1.00000	15.89
44.5	0	0	0.00000	0.00000	15.89
	Totals:	3,909,273			

Newfoundland and Labrador Hydro

Account R04 - Radios - Fixed VHF Equipment and Mobile VHF Base Station

Placement Band - 1968 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account R04 - Radios - Fixed VHF Equipment and Mobile VHF Base Station

Placement Band - 1968 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	13,495,867	0	0.00000	1.00000	100.00
0.5	13,495,867	0	0.00000	1.00000	100.00
1.5	13,273,526	82,942	0.00625	0.99375	100.00
2.5	13,190,584	54,473	0.00413	0.99587	99.38
3.5	13,136,111	194,129	0.01478	0.98522	98.97
4.5	12,941,982	0	0.00000	1.00000	97.51
5.5	12,941,741	6,366	0.00049	0.99951	97.51
6.5	12,935,376	0	0.00000	1.00000	97.46
7.5	12,935,376	10,504	0.00081	0.99919	97.46
8.5	12,924,871	79,502	0.00615	0.99385	97.38
9.5	12,845,369	1,075,792	0.08375	0.91625	96.78
10.5	11,769,577	33,905	0.00288	0.99712	88.67
11.5	11,735,672	18,417	0.00157	0.99843	88.41
12.5	11,001,908	131,964	0.01199	0.98801	88.27
13.5	10,867,295	92,449	0.00851	0.99149	87.21
14.5	10,365,567	56,440	0.00544	0.99456	86.47
15.5	10,309,127	57,549	0.00558	0.99442	86.00
16.5	10,251,578	1,043,626	0.10180	0.89820	85.52
17.5	8,758,715	369,920	0.04223	0.95777	76.81
18.5	2,820,253	1,071,305	0.37986	0.62014	73.57
19.5	1,748,948	131,184	0.07501	0.92499	45.62
20.5	1,617,764	249,527	0.15424	0.84576	42.20
21.5	1,249,992	92,579	0.07406	0.92594	35.69
22.5	1,157,413	26,047	0.02250	0.97750	33.05
23.5	1,131,366	18,377	0.01624	0.98376	32.31
24.5	1,112,989	90,645	0.08144	0.91856	31.79
25.5	1,022,344	8,536	0.00835	0.99165	29.20
26.5	1,013,808	179,152	0.17671	0.82329	28.96

Account R04 - Radios - Fixed VHF Equipment and Mobile VHF Base Station

Placement Band - 1968 - 2024 Experience Band - 1991 - 2024

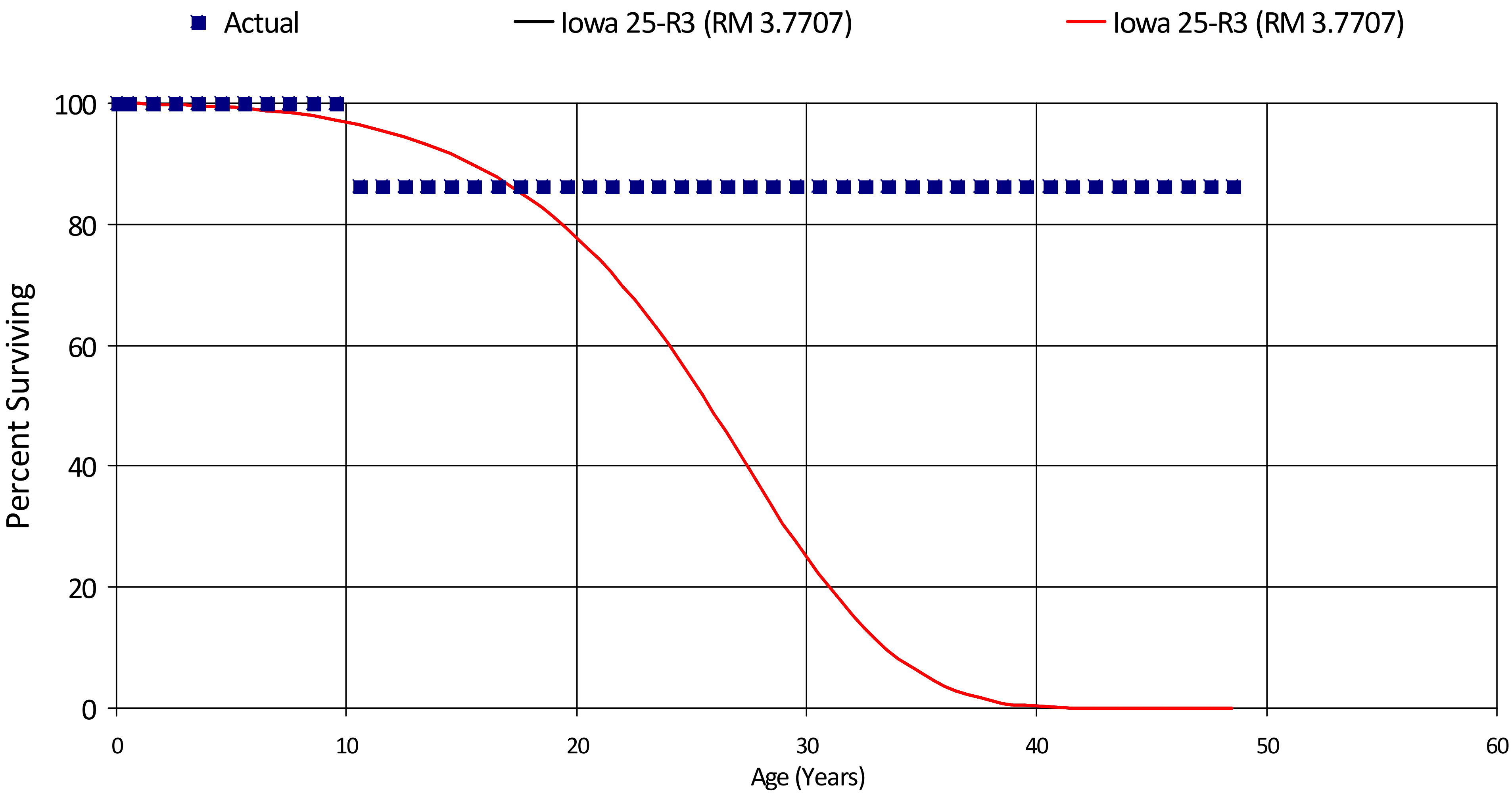
27.5	834,657	21,779	0.02609	0.97391	23.84
28.5	812,878	513,070	0.63118	0.36882	23.22
29.5	299,807	14,179	0.04729	0.95271	8.56
30.5	285,628	120,787	0.42288	0.57712	8.16
31.5	164,841	0	0.00000	1.00000	4.71
32.5	3,162	0	0.00000	1.00000	4.71
33.5	3,162	0	0.00000	1.00000	4.71
34.5	0	0	0.00000	0.00000	4.71
	Totals:	5,845,145			

Newfoundland and Labrador Hydro

Account R06 - Ramps - Yard Storage

Placement Band - 1975 - 2024   Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	2,373,747	0	0.00000	1.00000	100.00
0.5	2,373,747	0	0.00000	1.00000	100.00
1.5	2,373,747	0	0.00000	1.00000	100.00
2.5	2,373,747	0	0.00000	1.00000	100.00
3.5	2,373,747	0	0.00000	1.00000	100.00
4.5	2,293,976	0	0.00000	1.00000	100.00
5.5	2,293,976	0	0.00000	1.00000	100.00
6.5	1,816,255	0	0.00000	1.00000	100.00
7.5	1,816,255	0	0.00000	1.00000	100.00
8.5	1,816,255	0	0.00000	1.00000	100.00
9.5	1,695,776	233,772	0.13786	0.86214	100.00
10.5	1,431,224	0	0.00000	1.00000	86.21
11.5	1,431,224	0	0.00000	1.00000	86.21
12.5	1,431,224	0	0.00000	1.00000	86.21
13.5	1,431,224	0	0.00000	1.00000	86.21
14.5	1,236,644	0	0.00000	1.00000	86.21
15.5	961,407	0	0.00000	1.00000	86.21
16.5	833,138	0	0.00000	1.00000	86.21
17.5	770,614	0	0.00000	1.00000	86.21
18.5	613,297	0	0.00000	1.00000	86.21
19.5	575,925	0	0.00000	1.00000	86.21
20.5	575,925	0	0.00000	1.00000	86.21
21.5	575,925	0	0.00000	1.00000	86.21
22.5	575,925	0	0.00000	1.00000	86.21
23.5	521,151	0	0.00000	1.00000	86.21
24.5	521,151	0	0.00000	1.00000	86.21
25.5	429,890	0	0.00000	1.00000	86.21
26.5	429,890	0	0.00000	1.00000	86.21

Account R06 - Ramps - Yard Storage

Placement Band - 1975 - 2024 Experience Band - 1999 - 2024

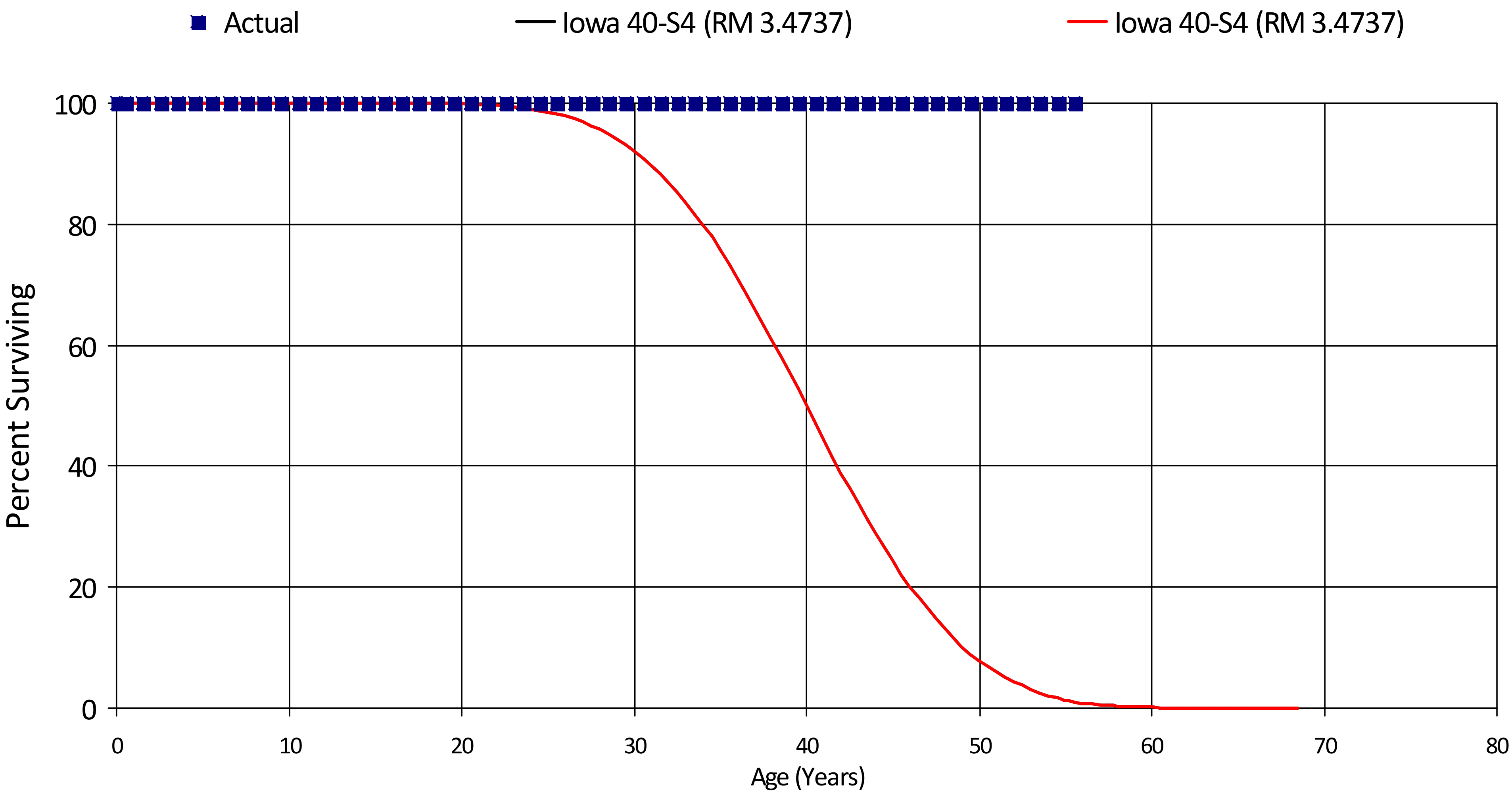
27.5	429,890	0	0.00000	1.00000	86.21
28.5	379,924	0	0.00000	1.00000	86.21
29.5	379,924	0	0.00000	1.00000	86.21
30.5	379,924	0	0.00000	1.00000	86.21
31.5	330,462	0	0.00000	1.00000	86.21
32.5	318,978	0	0.00000	1.00000	86.21
33.5	300,868	0	0.00000	1.00000	86.21
34.5	220,787	0	0.00000	1.00000	86.21
35.5	114,938	0	0.00000	1.00000	86.21
36.5	114,938	0	0.00000	1.00000	86.21
37.5	82,374	0	0.00000	1.00000	86.21
38.5	82,374	0	0.00000	1.00000	86.21
39.5	82,374	0	0.00000	1.00000	86.21
40.5	82,374	0	0.00000	1.00000	86.21
41.5	82,374	0	0.00000	1.00000	86.21
42.5	65,163	0	0.00000	1.00000	86.21
43.5	65,163	0	0.00000	1.00000	86.21
44.5	65,163	0	0.00000	1.00000	86.21
45.5	23,740	0	0.00000	1.00000	86.21
46.5	23,740	0	0.00000	1.00000	86.21
47.5	23,740	0	0.00000	1.00000	86.21
48.5	23,740	0	0.00000	1.00000	86.21
	Totals:	233,772			

Newfoundland and Labrador Hydro

Account R07 - Reactors and Resistors

Placement Band - 1968 - 2024   Experience Band - 2018 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	2,393,259	0	0.00000	1.00000	100.00
0.5	2,393,259	0	0.00000	1.00000	100.00
1.5	1,381,472	0	0.00000	1.00000	100.00
2.5	1,381,472	0	0.00000	1.00000	100.00
3.5	1,381,472	0	0.00000	1.00000	100.00
4.5	1,381,472	0	0.00000	1.00000	100.00
5.5	1,381,472	0	0.00000	1.00000	100.00
6.5	1,381,472	0	0.00000	1.00000	100.00
7.5	1,199,972	0	0.00000	1.00000	100.00
8.5	1,199,972	0	0.00000	1.00000	100.00
9.5	1,125,137	0	0.00000	1.00000	100.00
10.5	1,019,557	0	0.00000	1.00000	100.00
11.5	1,019,557	0	0.00000	1.00000	100.00
12.5	1,009,683	0	0.00000	1.00000	100.00
13.5	1,009,683	0	0.00000	1.00000	100.00
14.5	1,009,683	0	0.00000	1.00000	100.00
15.5	1,009,683	0	0.00000	1.00000	100.00
16.5	1,009,683	0	0.00000	1.00000	100.00
17.5	1,009,683	0	0.00000	1.00000	100.00
18.5	993,796	0	0.00000	1.00000	100.00
19.5	993,796	0	0.00000	1.00000	100.00
20.5	993,796	0	0.00000	1.00000	100.00
21.5	993,796	0	0.00000	1.00000	100.00
22.5	993,796	0	0.00000	1.00000	100.00
23.5	993,796	0	0.00000	1.00000	100.00
24.5	791,839	0	0.00000	1.00000	100.00
25.5	791,839	0	0.00000	1.00000	100.00
26.5	791,839	0	0.00000	1.00000	100.00

Newfoundland and Labrador Hydro

Account R07 - Reactors and Resistors

Placement Band - 1968 - 2024   Experience Band - 2018 - 2024

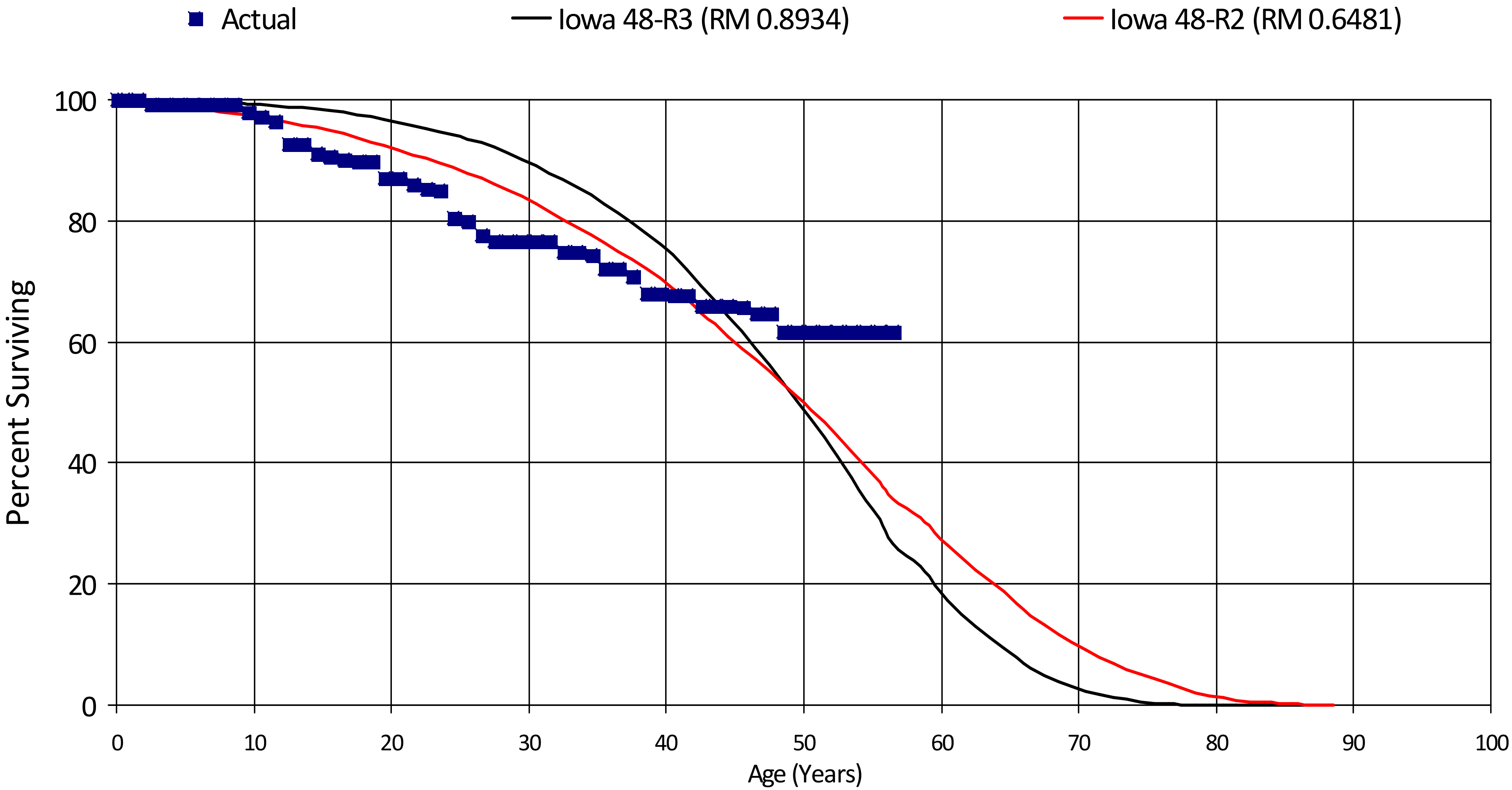
27.5	791,839	0	0.00000	1.00000	100.00
28.5	760,818	0	0.00000	1.00000	100.00
29.5	54,635	0	0.00000	1.00000	100.00
30.5	54,635	0	0.00000	1.00000	100.00
31.5	54,635	0	0.00000	1.00000	100.00
32.5	54,635	0	0.00000	1.00000	100.00
33.5	54,635	0	0.00000	1.00000	100.00
34.5	54,635	0	0.00000	1.00000	100.00
35.5	54,635	0	0.00000	1.00000	100.00
36.5	54,635	0	0.00000	1.00000	100.00
37.5	54,635	0	0.00000	1.00000	100.00
38.5	54,635	0	0.00000	1.00000	100.00
39.5	54,635	0	0.00000	1.00000	100.00
40.5	54,635	0	0.00000	1.00000	100.00
41.5	54,635	0	0.00000	1.00000	100.00
42.5	54,635	0	0.00000	1.00000	100.00
43.5	43,303	0	0.00000	1.00000	100.00
44.5	43,303	0	0.00000	1.00000	100.00
45.5	43,303	0	0.00000	1.00000	100.00
46.5	35,303	0	0.00000	1.00000	100.00
47.5	20,083	0	0.00000	1.00000	100.00
48.5	20,083	0	0.00000	1.00000	100.00
49.5	20,083	0	0.00000	1.00000	100.00
50.5	20,083	0	0.00000	1.00000	100.00
51.5	20,083	0	0.00000	1.00000	100.00
52.5	20,083	0	0.00000	1.00000	100.00
53.5	20,083	0	0.00000	1.00000	100.00
54.5	20,083	0	0.00000	1.00000	100.00
55.5	20,083	0	0.00000	1.00000	100.00
	Totals:	0			

Newfoundland and Labrador Hydro

Account R08 - Reclosers

Placement Band - 1967 - 2024 Experience Band - 1996 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	12,806,323	0	0.00000	1.00000	100.00
0.5	12,073,544	0	0.00000	1.00000	100.00
1.5	11,428,287	92,752	0.00812	0.99188	100.00
2.5	10,372,640	0	0.00000	1.00000	99.19
3.5	9,379,617	0	0.00000	1.00000	99.19
4.5	8,938,526	0	0.00000	1.00000	99.19
5.5	7,424,829	0	0.00000	1.00000	99.19
6.5	7,319,734	0	0.00000	1.00000	99.19
7.5	6,858,466	0	0.00000	1.00000	99.19
8.5	6,856,028	84,832	0.01237	0.98763	99.19
9.5	6,213,034	49,766	0.00801	0.99199	97.96
10.5	5,964,070	39,616	0.00664	0.99336	97.18
11.5	5,156,871	204,186	0.03959	0.96041	96.53
12.5	4,198,672	0	0.00000	1.00000	92.71
13.5	3,965,056	69,552	0.01754	0.98246	92.71
14.5	3,514,426	21,116	0.00601	0.99399	91.08
15.5	3,302,149	11,904	0.00360	0.99640	90.53
16.5	3,182,189	16,452	0.00517	0.99483	90.20
17.5	3,165,737	0	0.00000	1.00000	89.73
18.5	3,121,064	89,298	0.02861	0.97139	89.73
19.5	2,847,062	0	0.00000	1.00000	87.16
20.5	2,839,652	34,715	0.01223	0.98777	87.16
21.5	2,687,573	24,152	0.00899	0.99101	86.09
22.5	2,627,373	10,513	0.00400	0.99600	85.32
23.5	2,580,992	133,720	0.05181	0.94819	84.98
24.5	2,322,159	18,115	0.00780	0.99220	80.58
25.5	2,292,093	63,516	0.02771	0.97229	79.95
26.5	2,171,992	29,755	0.01370	0.98630	77.73

Newfoundland and Labrador Hydro

Account R08 - Reclosers

Placement Band - 1967 - 2024   Experience Band - 1996 - 2024

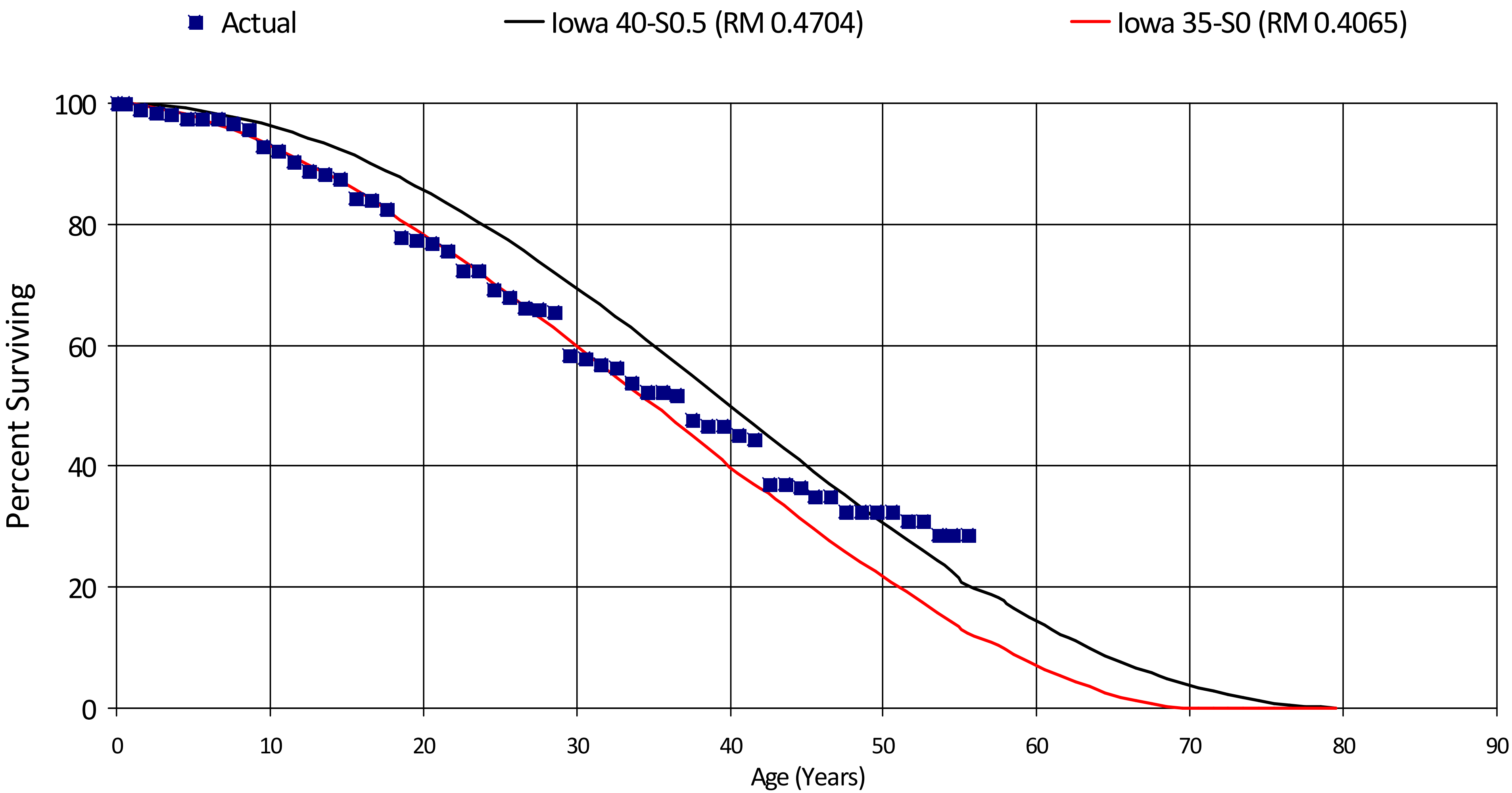
27.5	2,063,339	3,903	0.00189	0.99811	76.67
28.5	2,012,623	0	0.00000	1.00000	76.53
29.5	1,943,175	0	0.00000	1.00000	76.53
30.5	1,644,783	0	0.00000	1.00000	76.53
31.5	1,602,048	37,181	0.02321	0.97679	76.53
32.5	1,496,383	0	0.00000	1.00000	74.75
33.5	1,442,912	7,467	0.00517	0.99483	74.75
34.5	1,266,561	37,271	0.02943	0.97057	74.36
35.5	1,148,667	1,903	0.00166	0.99834	72.17
36.5	1,005,794	16,566	0.01647	0.98353	72.05
37.5	869,026	33,780	0.03887	0.96113	70.86
38.5	824,759	0	0.00000	1.00000	68.11
39.5	737,374	2,508	0.00340	0.99660	68.11
40.5	599,163	1,195	0.00199	0.99801	67.88
41.5	584,287	15,962	0.02732	0.97268	67.74
42.5	491,631	0	0.00000	1.00000	65.89
43.5	324,404	0	0.00000	1.00000	65.89
44.5	324,404	248	0.00076	0.99924	65.89
45.5	324,156	5,406	0.01668	0.98332	65.84
46.5	278,987	0	0.00000	1.00000	64.74
47.5	278,987	13,440	0.04817	0.95183	64.74
48.5	265,547	0	0.00000	1.00000	61.62
49.5	145,697	0	0.00000	1.00000	61.62
50.5	145,697	0	0.00000	1.00000	61.62
51.5	145,697	0	0.00000	1.00000	61.62
52.5	145,697	0	0.00000	1.00000	61.62
53.5	123,556	0	0.00000	1.00000	61.62
54.5	56,552	0	0.00000	1.00000	61.62
55.5	56,552	0	0.00000	1.00000	61.62
56.5	0	0	0.00000	0.00000	61.62
	Totals:	1,170,790			

Newfoundland and Labrador Hydro

Account R09 - Regulators

Placement Band - 1968 - 2024   Experience Band - 1996 - 2024

Actual and Smooth Survivor Curves



Account R09 - Regulators

Placement Band - 1968 - 2024   Experience Band - 1996 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	11,630,295	0	0.00000	1.00000	100.00
0.5	10,606,127	103,698	0.00978	0.99022	100.00
1.5	10,311,387	62,379	0.00605	0.99395	99.02
2.5	9,458,308	23,079	0.00244	0.99756	98.42
3.5	8,439,855	56,149	0.00665	0.99335	98.18
4.5	8,018,024	0	0.00000	1.00000	97.53
5.5	7,376,948	0	0.00000	1.00000	97.53
6.5	7,155,330	56,973	0.00796	0.99204	97.53
7.5	6,733,561	68,334	0.01015	0.98985	96.75
8.5	6,634,761	196,749	0.02965	0.97035	95.77
9.5	6,315,846	54,142	0.00857	0.99143	92.93
10.5	6,171,463	118,489	0.01920	0.98080	92.13
11.5	5,537,122	91,264	0.01648	0.98352	90.36
12.5	4,850,798	35,132	0.00724	0.99276	88.87
13.5	4,519,227	36,943	0.00817	0.99183	88.23
14.5	4,202,611	156,977	0.03735	0.96265	87.51
15.5	3,799,113	13,021	0.00343	0.99657	84.24
16.5	3,568,726	65,938	0.01848	0.98152	83.95
17.5	3,431,060	186,716	0.05442	0.94558	82.40
18.5	3,187,465	25,228	0.00791	0.99209	77.92
19.5	3,125,667	16,123	0.00516	0.99484	77.30
20.5	3,009,241	48,909	0.01625	0.98375	76.90
21.5	2,856,471	122,071	0.04273	0.95727	75.65
22.5	2,711,741	0	0.00000	1.00000	72.42
23.5	2,706,423	114,403	0.04227	0.95773	72.42
24.5	2,592,020	53,971	0.02082	0.97918	69.36
25.5	2,538,049	61,150	0.02409	0.97591	67.92
26.5	2,476,899	13,342	0.00539	0.99461	66.28

Newfoundland and Labrador Hydro

Account R09 - Regulators

Placement Band - 1968 - 2024   Experience Band - 1996 - 2024

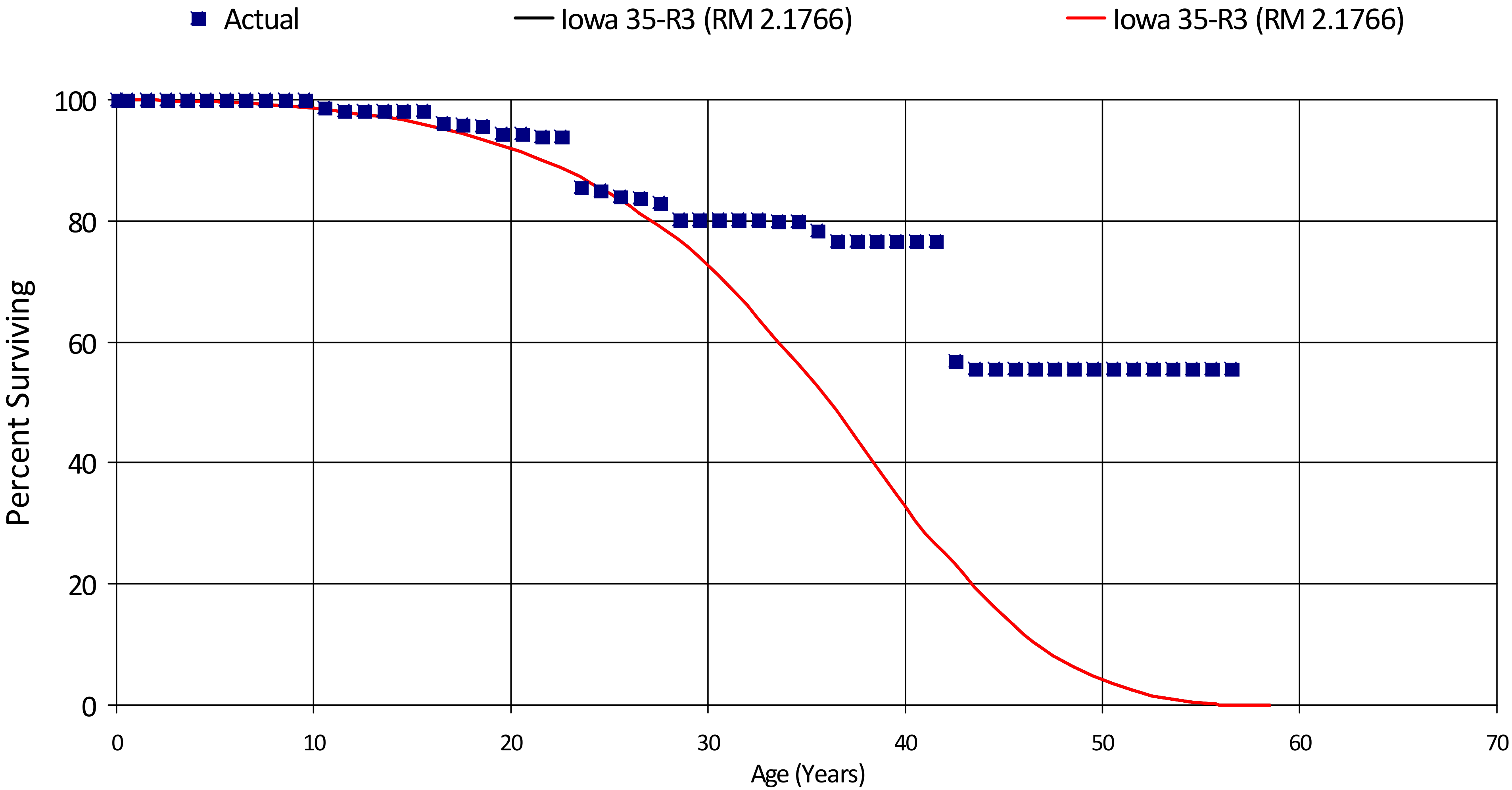
27.5	2,392,684	16,301	0.00681	0.99319	65.92
28.5	2,376,383	260,173	0.10948	0.89052	65.47
29.5	2,054,449	15,378	0.00749	0.99251	58.30
30.5	2,014,740	35,576	0.01766	0.98234	57.86
31.5	1,974,644	19,163	0.00970	0.99030	56.84
32.5	1,955,482	88,684	0.04535	0.95465	56.29
33.5	1,866,798	48,276	0.02586	0.97414	53.74
34.5	1,697,586	0	0.00000	1.00000	52.35
35.5	1,694,741	15,143	0.00894	0.99106	52.35
36.5	1,577,714	124,702	0.07904	0.92096	51.88
37.5	1,356,805	27,228	0.02007	0.97993	47.78
38.5	1,329,577	0	0.00000	1.00000	46.82
39.5	1,134,204	39,811	0.03510	0.96490	46.82
40.5	1,084,905	19,871	0.01832	0.98168	45.18
41.5	1,028,596	168,534	0.16385	0.83615	44.35
42.5	829,168	0	0.00000	1.00000	37.08
43.5	722,317	11,763	0.01629	0.98371	37.08
44.5	421,804	16,791	0.03981	0.96019	36.48
45.5	405,013	0	0.00000	1.00000	35.03
46.5	405,013	29,526	0.07290	0.92710	35.03
47.5	356,522	0	0.00000	1.00000	32.48
48.5	356,522	0	0.00000	1.00000	32.48
49.5	203,576	475	0.00233	0.99767	32.48
50.5	203,102	9,172	0.04516	0.95484	32.40
51.5	193,929	0	0.00000	1.00000	30.94
52.5	193,929	14,161	0.07302	0.92698	30.94
53.5	69,933	0	0.00000	1.00000	28.68
54.5	15,766	0	0.00000	1.00000	28.68
55.5	15,766	0	0.00000	1.00000	28.68
	Totals:	2,741,908			

Newfoundland and Labrador Hydro

Account R11 - Revenue Metering

Placement Band - 1967 - 2024   Experience Band - 1995 - 2024

Actual and Smooth Survivor Curves



Account R11 - Revenue Metering

Placement Band - 1967 - 2024   Experience Band - 1995 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	3,384,853	0	0.00000	1.00000	100.00
0.5	3,384,853	0	0.00000	1.00000	100.00
1.5	3,384,853	0	0.00000	1.00000	100.00
2.5	3,384,853	0	0.00000	1.00000	100.00
3.5	3,384,853	0	0.00000	1.00000	100.00
4.5	3,384,853	0	0.00000	1.00000	100.00
5.5	3,384,853	0	0.00000	1.00000	100.00
6.5	3,095,768	2,849	0.00092	0.99908	100.00
7.5	2,082,626	0	0.00000	1.00000	99.91
8.5	1,452,255	0	0.00000	1.00000	99.91
9.5	1,081,560	11,675	0.01079	0.98921	99.91
10.5	1,064,083	5,741	0.00540	0.99460	98.83
11.5	1,058,342	0	0.00000	1.00000	98.30
12.5	1,058,342	0	0.00000	1.00000	98.30
13.5	1,058,342	1,423	0.00134	0.99866	98.30
14.5	1,056,919	0	0.00000	1.00000	98.17
15.5	967,222	18,546	0.01917	0.98083	98.17
16.5	948,676	2,216	0.00234	0.99766	96.29
17.5	946,460	3,414	0.00361	0.99639	96.06
18.5	943,046	12,997	0.01378	0.98622	95.71
19.5	930,048	0	0.00000	1.00000	94.39
20.5	930,048	4,262	0.00458	0.99542	94.39
21.5	918,144	0	0.00000	1.00000	93.96
22.5	831,507	75,135	0.09036	0.90964	93.96
23.5	634,887	3,113	0.00490	0.99510	85.47
24.5	631,774	7,155	0.01133	0.98867	85.05
25.5	624,619	3,057	0.00489	0.99511	84.09
26.5	621,562	4,300	0.00692	0.99308	83.68

Account R11 - Revenue Metering

Placement Band - 1967 - 2024 Experience Band - 1995 - 2024

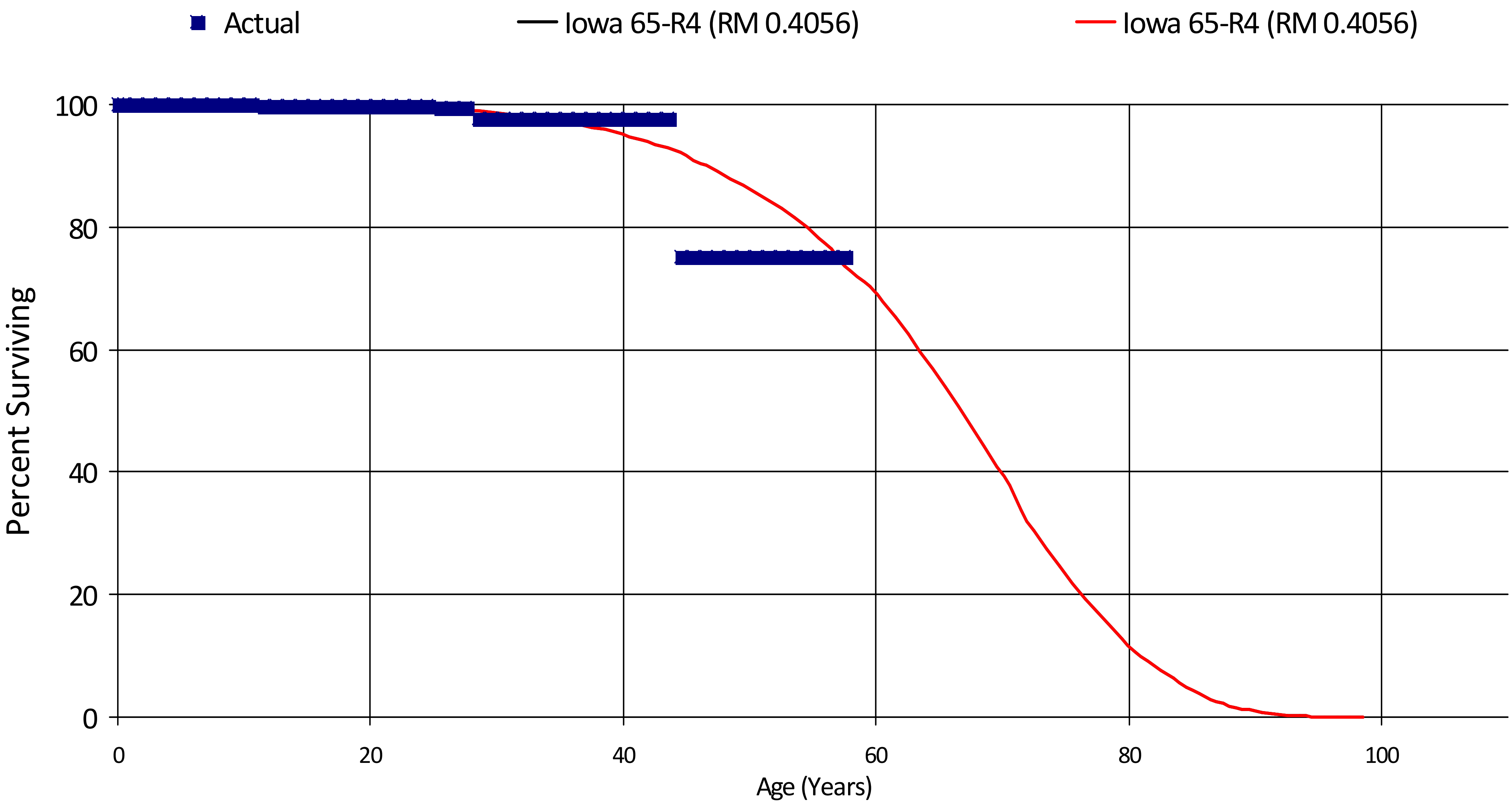
27.5	607,883	20,791	0.03420	0.96580	83.10
28.5	557,628	0	0.00000	1.00000	80.26
29.5	550,094	0	0.00000	1.00000	80.26
30.5	544,609	0	0.00000	1.00000	80.26
31.5	544,609	0	0.00000	1.00000	80.26
32.5	510,277	1,500	0.00294	0.99706	80.26
33.5	492,261	81	0.00016	0.99984	80.02
34.5	476,549	8,900	0.01868	0.98132	80.01
35.5	443,804	10,380	0.02339	0.97661	78.52
36.5	401,575	0	0.00000	1.00000	76.68
37.5	367,248	0	0.00000	1.00000	76.68
38.5	323,971	0	0.00000	1.00000	76.68
39.5	309,467	0	0.00000	1.00000	76.68
40.5	279,655	0	0.00000	1.00000	76.68
41.5	246,530	64,116	0.26007	0.73993	76.68
42.5	179,893	3,996	0.02221	0.97779	56.74
43.5	143,280	0	0.00000	1.00000	55.48
44.5	105,578	0	0.00000	1.00000	55.48
45.5	97,670	0	0.00000	1.00000	55.48
46.5	59,694	0	0.00000	1.00000	55.48
47.5	50,956	0	0.00000	1.00000	55.48
48.5	40,973	0	0.00000	1.00000	55.48
49.5	40,973	0	0.00000	1.00000	55.48
50.5	27,873	0	0.00000	1.00000	55.48
51.5	27,873	0	0.00000	1.00000	55.48
52.5	27,873	0	0.00000	1.00000	55.48
53.5	27,873	0	0.00000	1.00000	55.48
54.5	19,571	0	0.00000	1.00000	55.48
55.5	19,571	0	0.00000	1.00000	55.48
56.5	12,751	0	0.00000	1.00000	55.48
	Totals:	265,647			

Newfoundland and Labrador Hydro

Account R12 - Right-Of-Ways

Placement Band - 1966 - 2024   Experience Band - 2001 - 2024

Actual and Smooth Survivor Curves



Account R12 - Right-Of-Ways

Placement Band - 1966 - 2024   Experience Band - 2001 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	46,427,680	1,600	0.00003	0.99997	100.00
0.5	45,718,180	0	0.00000	1.00000	100.00
1.5	45,275,334	0	0.00000	1.00000	100.00
2.5	45,068,299	0	0.00000	1.00000	100.00
3.5	45,049,826	0	0.00000	1.00000	100.00
4.5	44,723,302	0	0.00000	1.00000	100.00
5.5	43,819,419	0	0.00000	1.00000	100.00
6.5	43,118,469	11,091	0.00026	0.99974	100.00
7.5	20,792,679	0	0.00000	1.00000	99.97
8.5	20,726,188	0	0.00000	1.00000	99.97
9.5	20,273,468	11,848	0.00058	0.99942	99.97
10.5	19,987,483	15,824	0.00079	0.99921	99.91
11.5	19,527,609	0	0.00000	1.00000	99.83
12.5	19,194,162	0	0.00000	1.00000	99.83
13.5	19,180,283	0	0.00000	1.00000	99.83
14.5	19,082,638	0	0.00000	1.00000	99.83
15.5	18,916,282	0	0.00000	1.00000	99.83
16.5	18,766,916	0	0.00000	1.00000	99.83
17.5	18,667,459	14,319	0.00077	0.99923	99.83
18.5	17,524,602	0	0.00000	1.00000	99.75
19.5	17,395,914	1,048	0.00006	0.99994	99.75
20.5	17,315,567	0	0.00000	1.00000	99.74
21.5	17,282,860	0	0.00000	1.00000	99.74
22.5	15,853,810	0	0.00000	1.00000	99.74
23.5	15,843,278	0	0.00000	1.00000	99.74
24.5	15,828,260	27,955	0.00177	0.99823	99.74
25.5	15,696,563	0	0.00000	1.00000	99.56
26.5	15,106,214	0	0.00000	1.00000	99.56

Newfoundland and Labrador Hydro

Account R12 - Right-Of-Ways

Placement Band - 1966 - 2024   Experience Band - 2001 - 2024

27.5	14,976,732	286,000	0.01910	0.98090	99.56
28.5	14,159,086	0	0.00000	1.00000	97.66
29.5	13,834,288	0	0.00000	1.00000	97.66
30.5	13,798,097	0	0.00000	1.00000	97.66
31.5	13,709,860	0	0.00000	1.00000	97.66
32.5	13,685,886	0	0.00000	1.00000	97.66
33.5	13,517,127	0	0.00000	1.00000	97.66
34.5	12,730,906	0	0.00000	1.00000	97.66
35.5	12,181,131	0	0.00000	1.00000	97.66
36.5	12,005,434	0	0.00000	1.00000	97.66
37.5	11,442,274	0	0.00000	1.00000	97.66
38.5	11,402,299	0	0.00000	1.00000	97.66
39.5	9,688,195	0	0.00000	1.00000	97.66
40.5	9,621,257	0	0.00000	1.00000	97.66
41.5	7,835,157	0	0.00000	1.00000	97.66
42.5	7,041,892	0	0.00000	1.00000	97.66
43.5	5,925,944	1,359,864	0.22948	0.77052	97.66
44.5	4,443,891	0	0.00000	1.00000	75.25
45.5	4,443,891	7,182	0.00162	0.99838	75.25
46.5	4,416,322	0	0.00000	1.00000	75.13
47.5	4,390,658	0	0.00000	1.00000	75.13
48.5	4,266,077	0	0.00000	1.00000	75.13
49.5	4,266,077	0	0.00000	1.00000	75.13
50.5	3,691,485	0	0.00000	1.00000	75.13
51.5	3,685,750	0	0.00000	1.00000	75.13
52.5	3,430,573	0	0.00000	1.00000	75.13
53.5	3,430,573	0	0.00000	1.00000	75.13
54.5	3,131,034	0	0.00000	1.00000	75.13
55.5	3,045,745	0	0.00000	1.00000	75.13
56.5	2,771,429	0	0.00000	1.00000	75.13
57.5	1,057,755	0	0.00000	1.00000	75.13

Newfoundland and Labrador Hydro

Account R12 - Right-Of-Ways

Placement Band - 1966 - 2024   Experience Band - 2001 - 2024

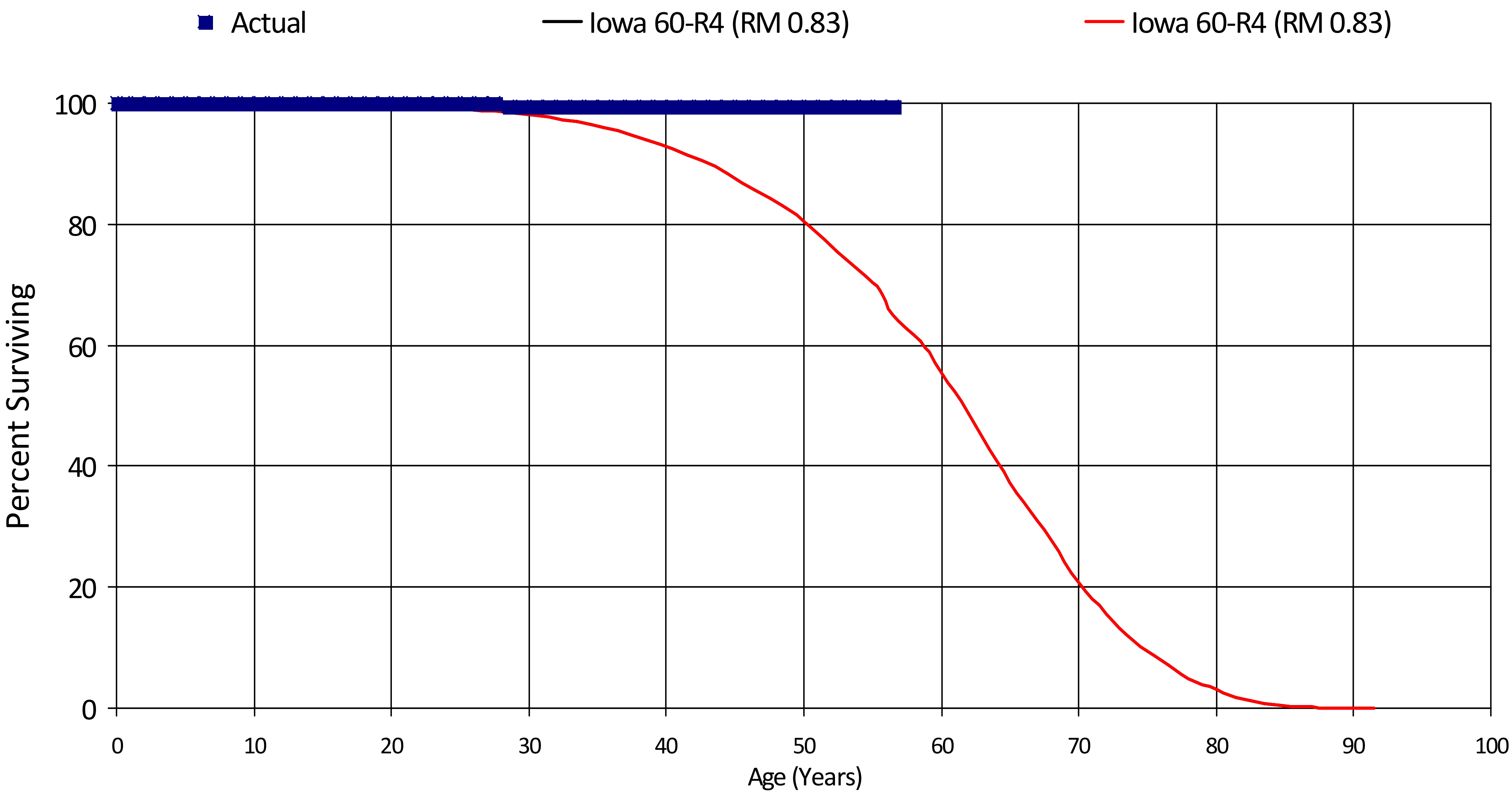
Totals: 1,736,731

Newfoundland and Labrador Hydro

Account R13 - Roads

Placement Band - 1967 - 2024   Experience Band - 2012 - 2024

Actual and Smooth Survivor Curves



Account R13 - Roads

Placement Band - 1967 - 2024   Experience Band - 2012 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	89,519,159	0	0.00000	1.00000	100.00
0.5	89,519,159	0	0.00000	1.00000	100.00
1.5	89,401,457	24,102	0.00027	0.99973	100.00
2.5	89,377,354	0	0.00000	1.00000	99.97
3.5	89,377,354	0	0.00000	1.00000	99.97
4.5	88,573,041	2,866	0.00003	0.99997	99.97
5.5	88,570,176	0	0.00000	1.00000	99.97
6.5	88,570,176	0	0.00000	1.00000	99.97
7.5	87,623,452	0	0.00000	1.00000	99.97
8.5	84,572,152	1,212	0.00001	0.99999	99.97
9.5	83,631,130	0	0.00000	1.00000	99.97
10.5	83,125,530	0	0.00000	1.00000	99.97
11.5	83,073,859	0	0.00000	1.00000	99.97
12.5	82,828,267	0	0.00000	1.00000	99.97
13.5	81,774,897	0	0.00000	1.00000	99.97
14.5	80,791,639	0	0.00000	1.00000	99.97
15.5	80,467,321	0	0.00000	1.00000	99.97
16.5	80,062,456	0	0.00000	1.00000	99.97
17.5	79,128,421	0	0.00000	1.00000	99.97
18.5	79,128,421	0	0.00000	1.00000	99.97
19.5	77,770,078	0	0.00000	1.00000	99.97
20.5	77,770,078	0	0.00000	1.00000	99.97
21.5	77,002,162	0	0.00000	1.00000	99.97
22.5	76,958,149	0	0.00000	1.00000	99.97
23.5	76,525,806	0	0.00000	1.00000	99.97
24.5	76,369,935	0	0.00000	1.00000	99.97
25.5	76,369,935	0	0.00000	1.00000	99.97
26.5	76,369,935	0	0.00000	1.00000	99.97

Newfoundland and Labrador Hydro

Account R13 - Roads

Placement Band - 1967 - 2024   Experience Band - 2012 - 2024

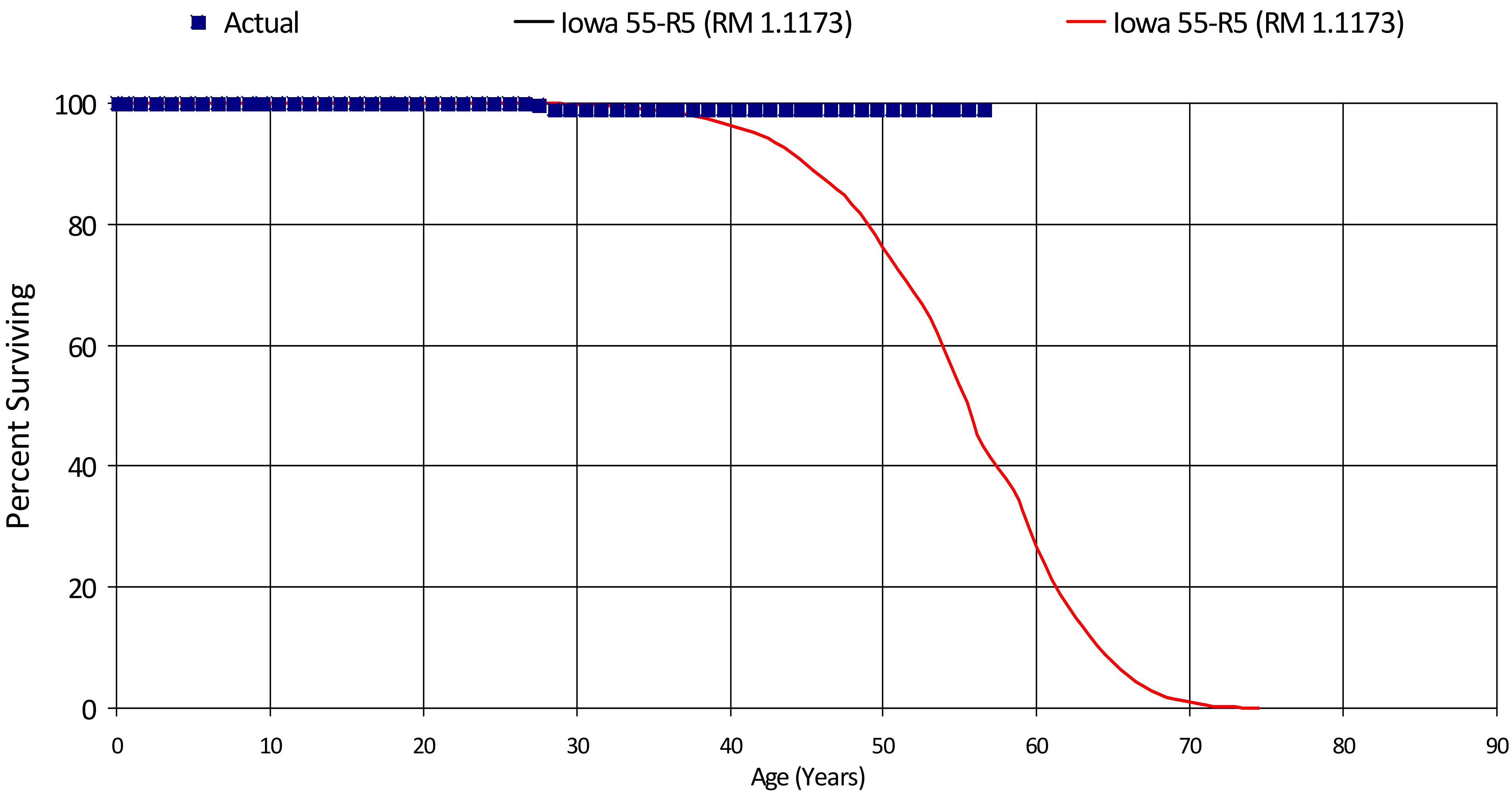
27.5	76,354,286	294,807	0.00386	0.99614	99.97
28.5	76,055,520	0	0.00000	1.00000	99.58
29.5	76,045,513	0	0.00000	1.00000	99.58
30.5	76,020,373	3,012	0.00004	0.99996	99.58
31.5	76,011,950	0	0.00000	1.00000	99.58
32.5	76,011,950	0	0.00000	1.00000	99.58
33.5	75,957,386	0	0.00000	1.00000	99.58
34.5	75,905,142	0	0.00000	1.00000	99.58
35.5	75,541,788	0	0.00000	1.00000	99.58
36.5	74,235,133	0	0.00000	1.00000	99.58
37.5	74,235,133	0	0.00000	1.00000	99.58
38.5	74,221,891	0	0.00000	1.00000	99.58
39.5	73,905,105	0	0.00000	1.00000	99.58
40.5	13,365,004	0	0.00000	1.00000	99.58
41.5	3,766,071	0	0.00000	1.00000	99.58
42.5	3,763,159	0	0.00000	1.00000	99.58
43.5	3,747,393	0	0.00000	1.00000	99.58
44.5	748,219	0	0.00000	1.00000	99.58
45.5	743,158	0	0.00000	1.00000	99.58
46.5	732,109	0	0.00000	1.00000	99.58
47.5	720,351	0	0.00000	1.00000	99.58
48.5	720,351	0	0.00000	1.00000	99.58
49.5	720,351	0	0.00000	1.00000	99.58
50.5	720,351	0	0.00000	1.00000	99.58
51.5	709,139	0	0.00000	1.00000	99.58
52.5	709,139	0	0.00000	1.00000	99.58
53.5	682,139	0	0.00000	1.00000	99.58
54.5	553,964	0	0.00000	1.00000	99.58
55.5	63,486	0	0.00000	1.00000	99.58
56.5	40,993	0	0.00000	1.00000	99.58
	Totals:	325,999			

Newfoundland and Labrador Hydro

Account R15 - Runner

Placement Band - 1967 - 2024   Experience Band - 1993 - 2024

Actual and Smooth Survivor Curves



Account R15 - Runner

Placement Band - 1967 - 2024   Experience Band - 1993 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	12,079,399	0	0.00000	1.00000	100.00
0.5	12,079,399	0	0.00000	1.00000	100.00
1.5	12,079,399	0	0.00000	1.00000	100.00
2.5	11,783,932	0	0.00000	1.00000	100.00
3.5	11,783,932	0	0.00000	1.00000	100.00
4.5	11,783,932	0	0.00000	1.00000	100.00
5.5	11,783,932	0	0.00000	1.00000	100.00
6.5	11,783,932	0	0.00000	1.00000	100.00
7.5	11,783,932	0	0.00000	1.00000	100.00
8.5	11,783,932	0	0.00000	1.00000	100.00
9.5	11,783,932	0	0.00000	1.00000	100.00
10.5	11,783,932	0	0.00000	1.00000	100.00
11.5	11,783,932	0	0.00000	1.00000	100.00
12.5	11,783,932	0	0.00000	1.00000	100.00
13.5	11,783,932	0	0.00000	1.00000	100.00
14.5	11,783,932	0	0.00000	1.00000	100.00
15.5	11,783,932	0	0.00000	1.00000	100.00
16.5	11,783,932	0	0.00000	1.00000	100.00
17.5	11,783,932	0	0.00000	1.00000	100.00
18.5	11,783,932	0	0.00000	1.00000	100.00
19.5	11,783,932	0	0.00000	1.00000	100.00
20.5	11,783,932	0	0.00000	1.00000	100.00
21.5	11,783,932	0	0.00000	1.00000	100.00
22.5	11,783,932	0	0.00000	1.00000	100.00
23.5	11,783,932	0	0.00000	1.00000	100.00
24.5	11,783,932	14,002	0.00119	0.99881	100.00
25.5	11,769,929	58	0.00000	1.00000	99.88
26.5	11,723,183	28,005	0.00239	0.99761	99.88

Newfoundland and Labrador Hydro

Account R15 - Runner

Placement Band - 1967 - 2024 Experience Band - 1993 - 2024

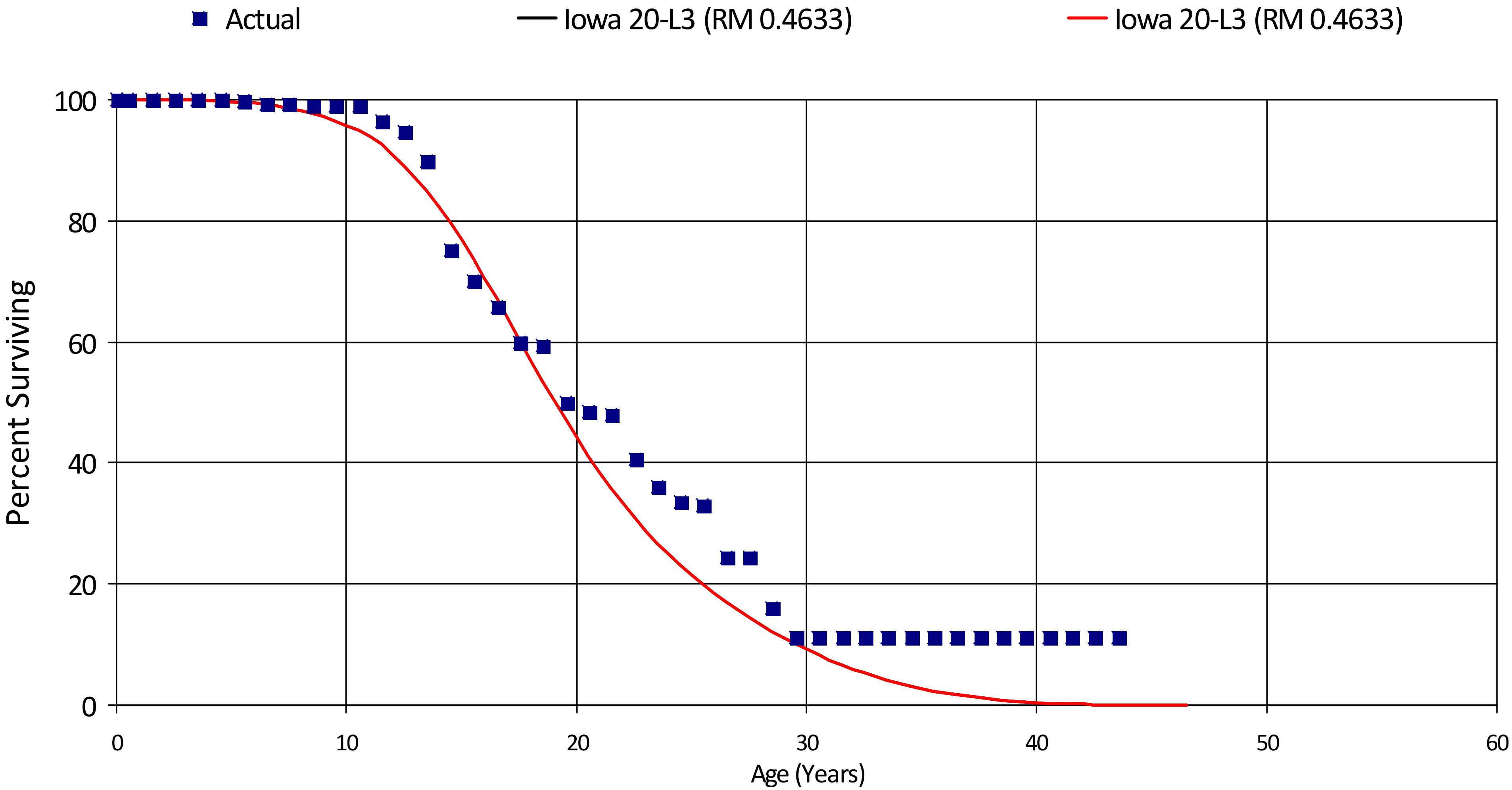
27.5	11,695,178	72,022	0.00616	0.99384	99.64
28.5	11,563,314	0	0.00000	1.00000	99.03
29.5	11,563,314	0	0.00000	1.00000	99.03
30.5	11,547,156	0	0.00000	1.00000	99.03
31.5	11,547,156	0	0.00000	1.00000	99.03
32.5	11,547,156	0	0.00000	1.00000	99.03
33.5	11,547,156	0	0.00000	1.00000	99.03
34.5	11,547,156	0	0.00000	1.00000	99.03
35.5	10,963,769	0	0.00000	1.00000	99.03
36.5	10,963,769	0	0.00000	1.00000	99.03
37.5	10,963,769	0	0.00000	1.00000	99.03
38.5	10,963,769	0	0.00000	1.00000	99.03
39.5	8,318,863	0	0.00000	1.00000	99.03
40.5	8,318,863	0	0.00000	1.00000	99.03
41.5	8,318,863	0	0.00000	1.00000	99.03
42.5	8,318,863	0	0.00000	1.00000	99.03
43.5	8,318,863	0	0.00000	1.00000	99.03
44.5	8,268,519	0	0.00000	1.00000	99.03
45.5	8,268,519	0	0.00000	1.00000	99.03
46.5	8,268,519	0	0.00000	1.00000	99.03
47.5	8,138,207	0	0.00000	1.00000	99.03
48.5	8,138,207	0	0.00000	1.00000	99.03
49.5	8,138,207	0	0.00000	1.00000	99.03
50.5	8,138,207	0	0.00000	1.00000	99.03
51.5	8,138,207	0	0.00000	1.00000	99.03
52.5	8,138,207	0	0.00000	1.00000	99.03
53.5	8,138,207	0	0.00000	1.00000	99.03
54.5	6,679,642	0	0.00000	1.00000	99.03
55.5	6,679,642	0	0.00000	1.00000	99.03
56.5	5,230,693	0	0.00000	1.00000	99.03
	Totals:	114,087			

Newfoundland and Labrador Hydro

Account S01 - SCADA Equipment

Placement Band - 1980 - 2024   Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	8,808,477	0	0.00000	1.00000	100.00
0.5	8,668,105	0	0.00000	1.00000	100.00
1.5	8,464,148	0	0.00000	1.00000	100.00
2.5	8,179,743	0	0.00000	1.00000	100.00
3.5	8,031,387	0	0.00000	1.00000	100.00
4.5	7,164,236	9,152	0.00128	0.99872	100.00
5.5	7,104,259	39,027	0.00549	0.99451	99.87
6.5	6,832,849	0	0.00000	1.00000	99.32
7.5	6,483,051	27,324	0.00421	0.99579	99.32
8.5	6,349,529	0	0.00000	1.00000	98.90
9.5	5,593,165	0	0.00000	1.00000	98.90
10.5	5,593,165	141,749	0.02534	0.97466	98.90
11.5	5,241,728	95,526	0.01822	0.98178	96.39
12.5	5,146,202	258,673	0.05026	0.94974	94.63
13.5	4,887,529	800,980	0.16388	0.83612	89.87
14.5	3,719,920	248,412	0.06678	0.93322	75.14
15.5	3,378,561	213,715	0.06326	0.93674	70.12
16.5	3,067,558	272,794	0.08893	0.91107	65.68
17.5	2,794,764	18,448	0.00660	0.99340	59.84
18.5	2,723,574	435,419	0.15987	0.84013	59.45
19.5	2,098,109	61,397	0.02926	0.97074	49.95
20.5	1,770,251	19,714	0.01114	0.98886	48.49
21.5	1,509,302	230,110	0.15246	0.84754	47.95
22.5	1,139,884	127,565	0.11191	0.88809	40.64
23.5	780,553	56,831	0.07281	0.92719	36.09
24.5	676,089	7,398	0.01094	0.98906	33.46
25.5	668,691	174,629	0.26115	0.73885	33.09
26.5	494,062	188	0.00038	0.99962	24.45

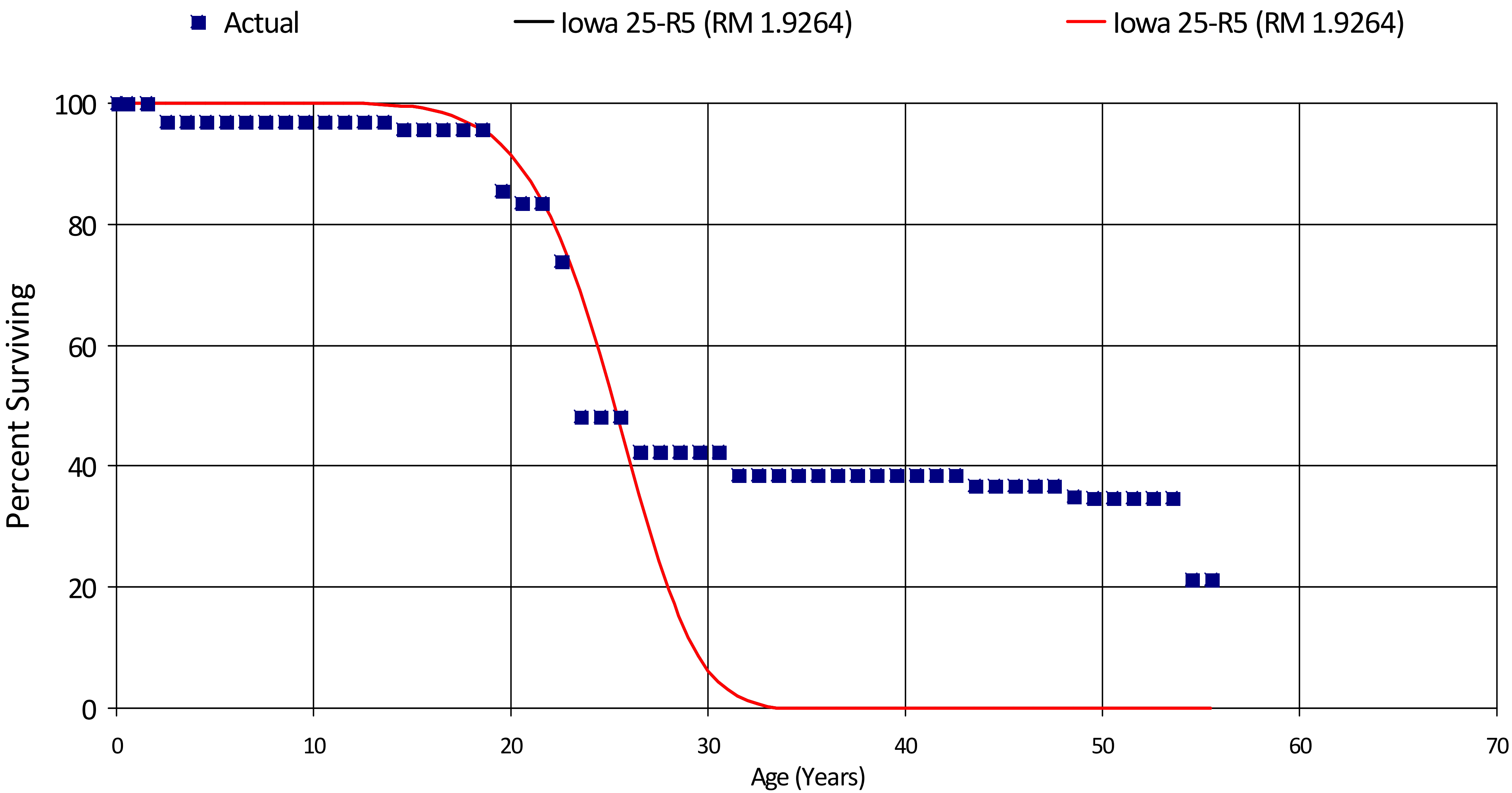
27.5	493,873	171,129	0.34650	0.65350	24.44
28.5	322,744	98,514	0.30524	0.69476	15.97
29.5	209,944	0	0.00000	1.00000	11.10
30.5	209,944	0	0.00000	1.00000	11.10
31.5	209,944	0	0.00000	1.00000	11.10
32.5	209,944	0	0.00000	1.00000	11.10
33.5	209,944	0	0.00000	1.00000	11.10
34.5	136,567	0	0.00000	1.00000	11.10
35.5	108,654	0	0.00000	1.00000	11.10
36.5	108,654	0	0.00000	1.00000	11.10
37.5	108,654	0	0.00000	1.00000	11.10
38.5	53,189	0	0.00000	1.00000	11.10
39.5	53,189	0	0.00000	1.00000	11.10
40.5	53,189	0	0.00000	1.00000	11.10
41.5	53,189	0	0.00000	1.00000	11.10
42.5	53,189	0	0.00000	1.00000	11.10
43.5	53,189	0	0.00000	1.00000	11.10
	Totals:	3,508,694			

Newfoundland and Labrador Hydro

Account S02 - Sectionalizers

Placement Band - 1968 - 2024   Experience Band - 2002 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	582,205	0	0.00000	1.00000	100.00
0.5	582,205	0	0.00000	1.00000	100.00
1.5	473,613	14,645	0.03092	0.96908	100.00
2.5	223,680	0	0.00000	1.00000	96.91
3.5	223,680	0	0.00000	1.00000	96.91
4.5	223,680	0	0.00000	1.00000	96.91
5.5	175,151	0	0.00000	1.00000	96.91
6.5	175,151	0	0.00000	1.00000	96.91
7.5	175,151	0	0.00000	1.00000	96.91
8.5	175,151	0	0.00000	1.00000	96.91
9.5	175,151	0	0.00000	1.00000	96.91
10.5	175,151	0	0.00000	1.00000	96.91
11.5	175,151	0	0.00000	1.00000	96.91
12.5	175,151	0	0.00000	1.00000	96.91
13.5	175,151	2,387	0.01363	0.98637	96.91
14.5	167,321	0	0.00000	1.00000	95.59
15.5	167,321	0	0.00000	1.00000	95.59
16.5	167,321	0	0.00000	1.00000	95.59
17.5	167,321	0	0.00000	1.00000	95.59
18.5	167,321	17,768	0.10619	0.89381	95.59
19.5	149,553	3,493	0.02336	0.97664	85.44
20.5	146,060	0	0.00000	1.00000	83.44
21.5	146,060	16,621	0.11380	0.88620	83.44
22.5	129,439	45,060	0.34812	0.65188	73.94
23.5	84,379	0	0.00000	1.00000	48.20
24.5	80,273	0	0.00000	1.00000	48.20
25.5	80,273	9,889	0.12319	0.87681	48.20
26.5	70,384	0	0.00000	1.00000	42.26

Account S02 - Sectionalizers

Placement Band - 1968 - 2024 Experience Band - 2002 - 2024

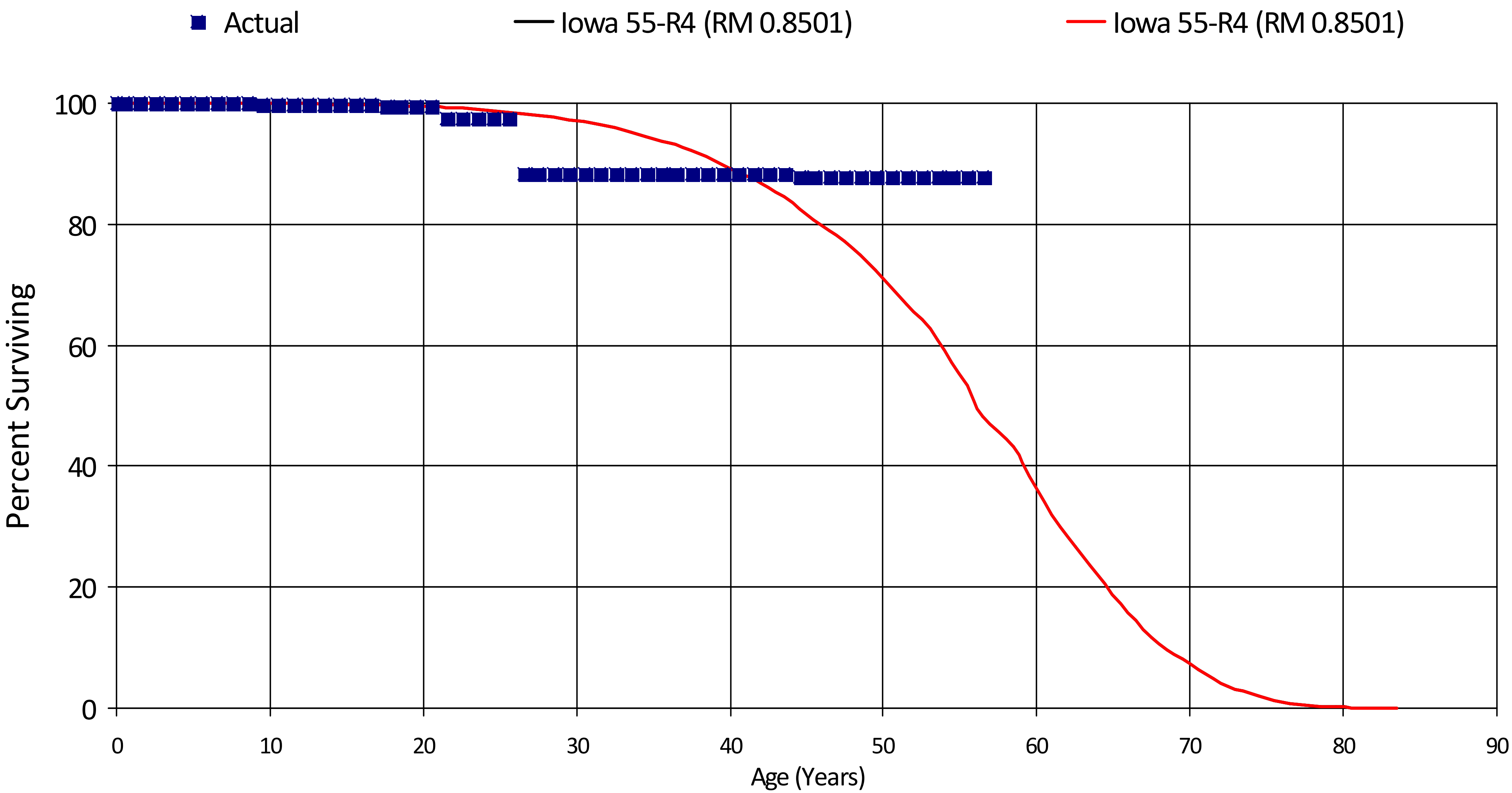
27.5	70,384	0	0.00000	1.00000	42.26
28.5	70,384	0	0.00000	1.00000	42.26
29.5	70,384	0	0.00000	1.00000	42.26
30.5	70,384	6,026	0.08562	0.91438	42.26
31.5	64,358	0	0.00000	1.00000	38.64
32.5	64,358	0	0.00000	1.00000	38.64
33.5	40,598	0	0.00000	1.00000	38.64
34.5	40,598	0	0.00000	1.00000	38.64
35.5	38,871	0	0.00000	1.00000	38.64
36.5	38,871	0	0.00000	1.00000	38.64
37.5	38,871	0	0.00000	1.00000	38.64
38.5	36,930	0	0.00000	1.00000	38.64
39.5	36,930	0	0.00000	1.00000	38.64
40.5	36,930	0	0.00000	1.00000	38.64
41.5	36,930	0	0.00000	1.00000	38.64
42.5	36,930	1,756	0.04755	0.95245	38.64
43.5	35,174	0	0.00000	1.00000	36.80
44.5	35,174	0	0.00000	1.00000	36.80
45.5	35,174	0	0.00000	1.00000	36.80
46.5	35,174	0	0.00000	1.00000	36.80
47.5	35,174	1,723	0.04898	0.95102	36.80
48.5	33,452	285	0.00852	0.99148	35.00
49.5	28,382	0	0.00000	1.00000	34.70
50.5	28,382	0	0.00000	1.00000	34.70
51.5	28,382	0	0.00000	1.00000	34.70
52.5	28,382	0	0.00000	1.00000	34.70
53.5	28,382	10,918	0.38468	0.61532	34.70
54.5	17,464	0	0.00000	1.00000	21.35
55.5	17,464	0	0.00000	1.00000	21.35
	Totals:	130,571			

Newfoundland and Labrador Hydro

Account S04 - Sewage Disposal System

Placement Band - 1967 - 2024   Experience Band - 2003 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	3,546,012	0	0.00000	1.00000	100.00
0.5	3,546,012	0	0.00000	1.00000	100.00
1.5	3,041,067	0	0.00000	1.00000	100.00
2.5	3,019,962	0	0.00000	1.00000	100.00
3.5	3,019,962	0	0.00000	1.00000	100.00
4.5	3,019,962	0	0.00000	1.00000	100.00
5.5	3,019,962	0	0.00000	1.00000	100.00
6.5	3,019,962	0	0.00000	1.00000	100.00
7.5	2,888,882	0	0.00000	1.00000	100.00
8.5	2,888,882	8,327	0.00288	0.99712	100.00
9.5	2,880,554	0	0.00000	1.00000	99.71
10.5	2,880,554	0	0.00000	1.00000	99.71
11.5	2,880,554	0	0.00000	1.00000	99.71
12.5	2,880,554	0	0.00000	1.00000	99.71
13.5	2,737,188	0	0.00000	1.00000	99.71
14.5	2,611,430	0	0.00000	1.00000	99.71
15.5	2,566,551	0	0.00000	1.00000	99.71
16.5	2,521,947	3,872	0.00154	0.99846	99.71
17.5	2,459,945	0	0.00000	1.00000	99.56
18.5	2,424,630	0	0.00000	1.00000	99.56
19.5	2,424,630	0	0.00000	1.00000	99.56
20.5	2,424,630	51,525	0.02125	0.97875	99.56
21.5	2,282,211	899	0.00039	0.99961	97.44
22.5	2,024,405	0	0.00000	1.00000	97.40
23.5	2,024,405	0	0.00000	1.00000	97.40
24.5	2,024,405	0	0.00000	1.00000	97.40
25.5	1,048,219	98,379	0.09385	0.90615	97.40
26.5	894,242	0	0.00000	1.00000	88.26

Newfoundland and Labrador Hydro

Account S04 - Sewage Disposal System

Placement Band - 1967 - 2024   Experience Band - 2003 - 2024

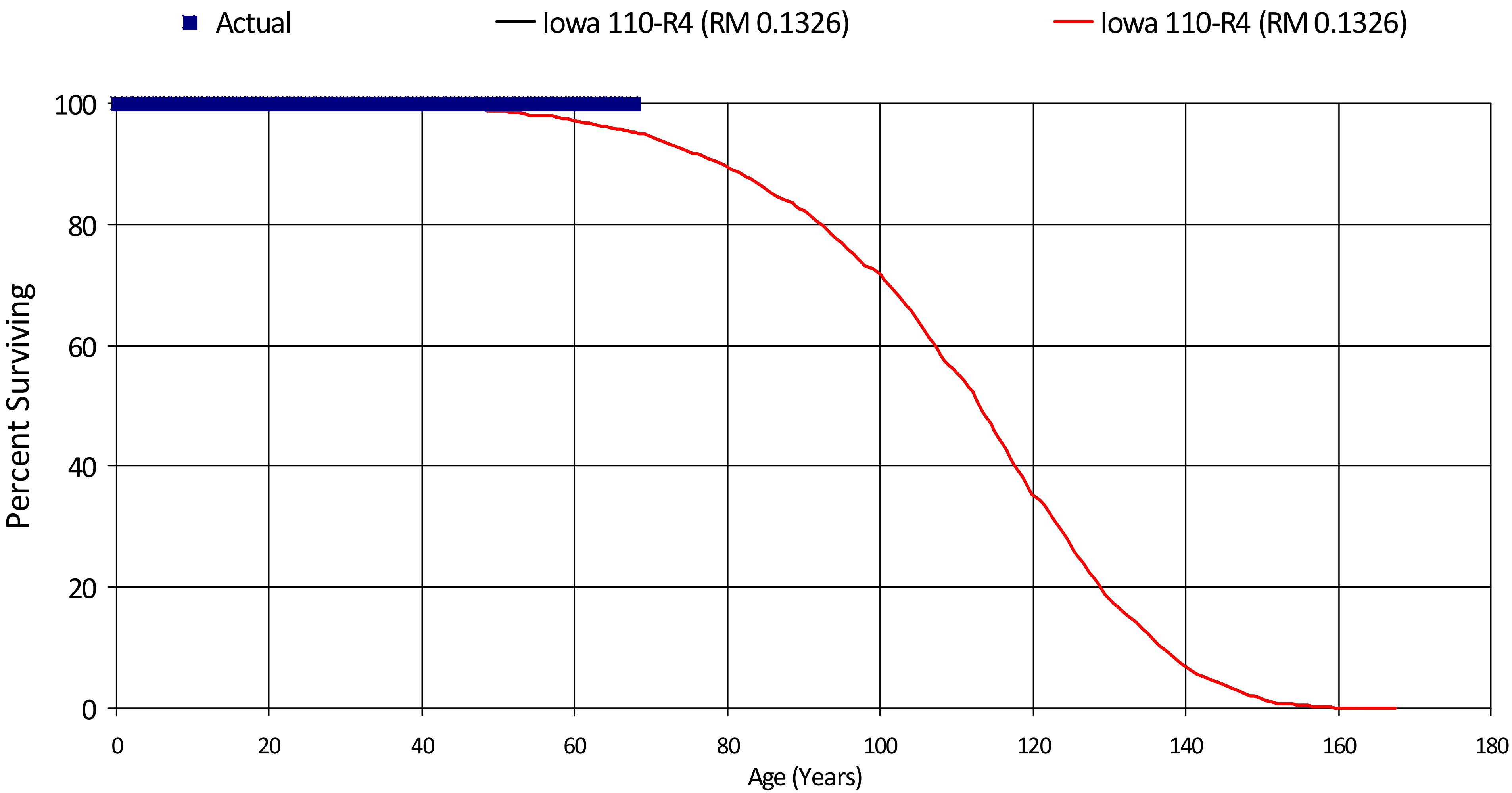
27.5	890,008	0	0.00000	1.00000	88.26
28.5	876,525	0	0.00000	1.00000	88.26
29.5	747,041	0	0.00000	1.00000	88.26
30.5	747,041	0	0.00000	1.00000	88.26
31.5	747,041	0	0.00000	1.00000	88.26
32.5	731,200	0	0.00000	1.00000	88.26
33.5	731,200	0	0.00000	1.00000	88.26
34.5	681,193	0	0.00000	1.00000	88.26
35.5	373,175	0	0.00000	1.00000	88.26
36.5	370,477	0	0.00000	1.00000	88.26
37.5	370,477	0	0.00000	1.00000	88.26
38.5	370,477	0	0.00000	1.00000	88.26
39.5	370,477	0	0.00000	1.00000	88.26
40.5	370,477	0	0.00000	1.00000	88.26
41.5	362,744	0	0.00000	1.00000	88.26
42.5	359,744	0	0.00000	1.00000	88.26
43.5	357,077	1,523	0.00427	0.99573	88.26
44.5	212,435	0	0.00000	1.00000	87.88
45.5	212,435	0	0.00000	1.00000	87.88
46.5	178,419	0	0.00000	1.00000	87.88
47.5	170,558	0	0.00000	1.00000	87.88
48.5	170,558	0	0.00000	1.00000	87.88
49.5	170,558	0	0.00000	1.00000	87.88
50.5	170,558	0	0.00000	1.00000	87.88
51.5	170,558	0	0.00000	1.00000	87.88
52.5	165,904	0	0.00000	1.00000	87.88
53.5	164,517	0	0.00000	1.00000	87.88
54.5	150,432	0	0.00000	1.00000	87.88
55.5	17,904	0	0.00000	1.00000	87.88
56.5	10,112	0	0.00000	1.00000	87.88
	Totals:	164,525			

Newfoundland and Labrador Hydro

Account S06 - Spillway Structures and Water Regulating Structures

Placement Band - 1956 - 2024   Experience Band - 2022 - 2024

Actual and Smooth Survivor Curves



Account S06 - Spillway Structures and Water Regulating Structures

Placement Band - 1956 - 2024   Experience Band - 2022 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	53,522,660	0	0.00000	1.00000	100.00
0.5	53,494,177	0	0.00000	1.00000	100.00
1.5	53,494,177	0	0.00000	1.00000	100.00
2.5	53,157,602	0	0.00000	1.00000	100.00
3.5	52,995,447	0	0.00000	1.00000	100.00
4.5	52,741,867	0	0.00000	1.00000	100.00
5.5	51,944,507	0	0.00000	1.00000	100.00
6.5	51,365,031	0	0.00000	1.00000	100.00
7.5	51,117,186	0	0.00000	1.00000	100.00
8.5	50,570,656	0	0.00000	1.00000	100.00
9.5	50,520,656	0	0.00000	1.00000	100.00
10.5	50,520,656	0	0.00000	1.00000	100.00
11.5	50,520,656	0	0.00000	1.00000	100.00
12.5	50,520,656	0	0.00000	1.00000	100.00
13.5	50,520,656	0	0.00000	1.00000	100.00
14.5	50,225,182	0	0.00000	1.00000	100.00
15.5	50,225,182	0	0.00000	1.00000	100.00
16.5	50,225,182	0	0.00000	1.00000	100.00
17.5	50,225,182	0	0.00000	1.00000	100.00
18.5	50,225,182	0	0.00000	1.00000	100.00
19.5	50,225,182	0	0.00000	1.00000	100.00
20.5	50,225,182	0	0.00000	1.00000	100.00
21.5	33,146,861	0	0.00000	1.00000	100.00
22.5	33,146,861	0	0.00000	1.00000	100.00
23.5	33,146,861	0	0.00000	1.00000	100.00
24.5	33,146,861	0	0.00000	1.00000	100.00
25.5	33,095,891	0	0.00000	1.00000	100.00
26.5	33,095,891	0	0.00000	1.00000	100.00

27.5	33,095,891	0	0.00000	1.00000	100.00
28.5	33,095,891	0	0.00000	1.00000	100.00
29.5	33,095,891	0	0.00000	1.00000	100.00
30.5	33,095,891	0	0.00000	1.00000	100.00
31.5	33,095,891	0	0.00000	1.00000	100.00
32.5	33,089,184	0	0.00000	1.00000	100.00
33.5	33,053,602	0	0.00000	1.00000	100.00
34.5	33,053,602	0	0.00000	1.00000	100.00
35.5	33,053,602	0	0.00000	1.00000	100.00
36.5	33,024,831	0	0.00000	1.00000	100.00
37.5	33,024,831	0	0.00000	1.00000	100.00
38.5	33,024,831	0	0.00000	1.00000	100.00
39.5	33,019,764	0	0.00000	1.00000	100.00
40.5	26,508,709	0	0.00000	1.00000	100.00
41.5	24,744,924	0	0.00000	1.00000	100.00
42.5	12,914,913	0	0.00000	1.00000	100.00
43.5	12,914,913	0	0.00000	1.00000	100.00
44.5	12,892,820	0	0.00000	1.00000	100.00
45.5	7,486,751	0	0.00000	1.00000	100.00
46.5	7,486,751	0	0.00000	1.00000	100.00
47.5	7,486,751	0	0.00000	1.00000	100.00
48.5	7,486,751	0	0.00000	1.00000	100.00
49.5	7,486,751	0	0.00000	1.00000	100.00
50.5	7,486,751	0	0.00000	1.00000	100.00
51.5	7,486,751	0	0.00000	1.00000	100.00
52.5	7,486,751	0	0.00000	1.00000	100.00
53.5	7,486,751	0	0.00000	1.00000	100.00
54.5	7,486,751	908	0.00012	0.99988	100.00
55.5	7,485,843	0	0.00000	1.00000	99.99
56.5	7,485,843	0	0.00000	1.00000	99.99
57.5	2,955,072	0	0.00000	1.00000	99.99

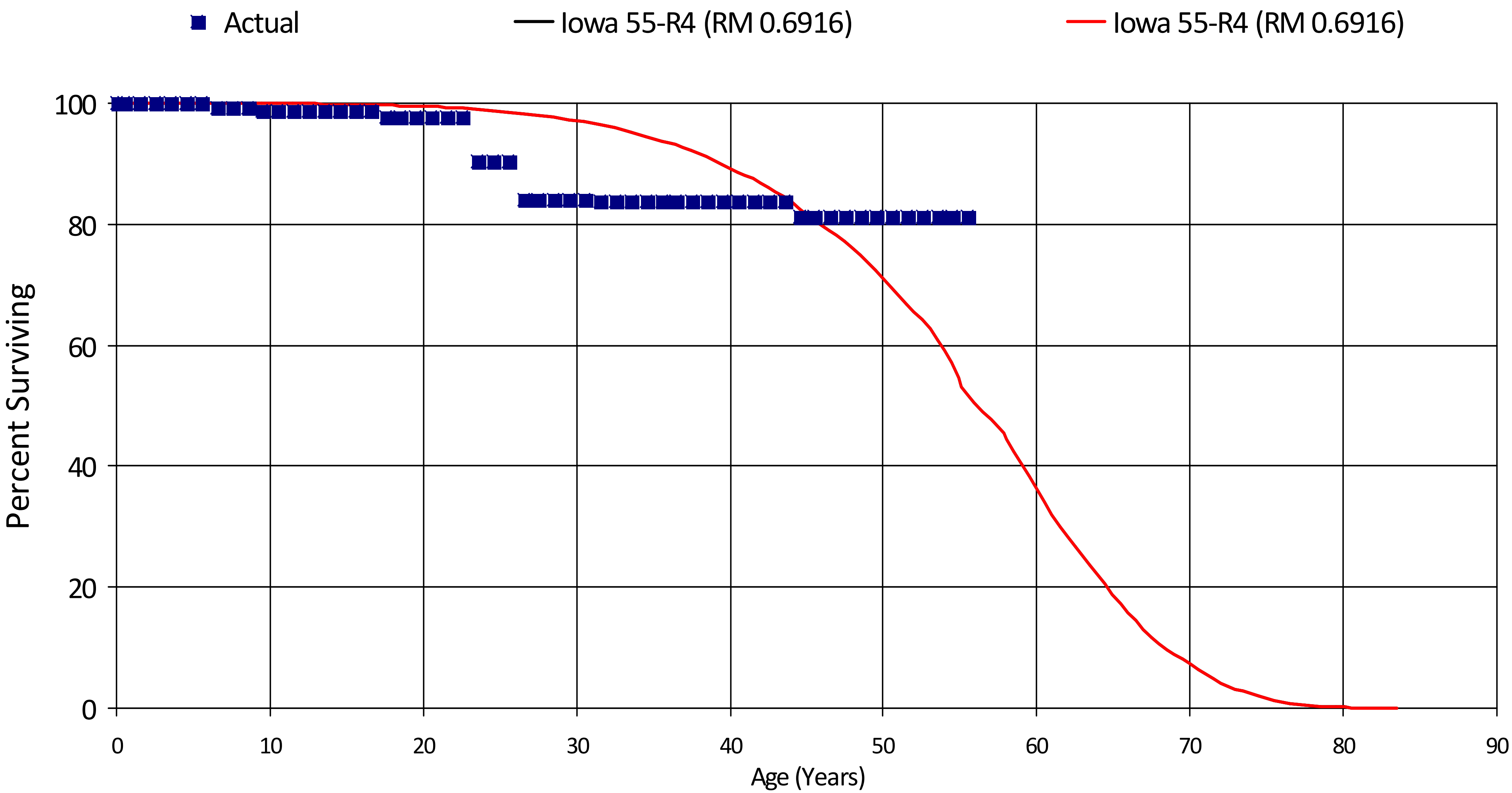
58.5	37,231	0	0.00000	1.00000	99.99
59.5	37,231	0	0.00000	1.00000	99.99
60.5	37,231	0	0.00000	1.00000	99.99
61.5	37,231	0	0.00000	1.00000	99.99
62.5	37,231	0	0.00000	1.00000	99.99
63.5	37,231	0	0.00000	1.00000	99.99
64.5	37,231	0	0.00000	1.00000	99.99
65.5	37,231	0	0.00000	1.00000	99.99
66.5	37,231	0	0.00000	1.00000	99.99
67.5	37,231	0	0.00000	1.00000	99.99
	Totals:	908			

Newfoundland and Labrador Hydro

Account S07 - Stacks

Placement Band - 1968 - 2024   Experience Band - 1993 - 2024

Actual and Smooth Survivor Curves



Account S07 - Stacks

Placement Band - 1968 - 2024   Experience Band - 1993 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	8,320,694	0	0.00000	1.00000	100.00
0.5	8,293,803	0	0.00000	1.00000	100.00
1.5	8,293,803	9,927	0.00120	0.99880	100.00
2.5	8,283,876	0	0.00000	1.00000	99.88
3.5	8,283,876	0	0.00000	1.00000	99.88
4.5	8,283,876	0	0.00000	1.00000	99.88
5.5	8,283,876	50,280	0.00607	0.99393	99.88
6.5	7,868,106	0	0.00000	1.00000	99.27
7.5	7,868,106	0	0.00000	1.00000	99.27
8.5	7,819,729	42,116	0.00539	0.99461	99.27
9.5	3,995,792	0	0.00000	1.00000	98.73
10.5	3,995,792	0	0.00000	1.00000	98.73
11.5	3,995,792	0	0.00000	1.00000	98.73
12.5	3,995,792	0	0.00000	1.00000	98.73
13.5	3,467,811	0	0.00000	1.00000	98.73
14.5	3,467,811	0	0.00000	1.00000	98.73
15.5	3,467,811	0	0.00000	1.00000	98.73
16.5	3,228,198	36,649	0.01135	0.98865	98.73
17.5	3,083,370	0	0.00000	1.00000	97.61
18.5	3,083,370	0	0.00000	1.00000	97.61
19.5	3,083,370	0	0.00000	1.00000	97.61
20.5	3,083,370	0	0.00000	1.00000	97.61
21.5	3,083,370	0	0.00000	1.00000	97.61
22.5	3,083,370	225,731	0.07321	0.92679	97.61
23.5	2,763,616	0	0.00000	1.00000	90.46
24.5	2,763,616	0	0.00000	1.00000	90.46
25.5	2,763,616	195,010	0.07056	0.92944	90.46
26.5	2,568,606	0	0.00000	1.00000	84.08

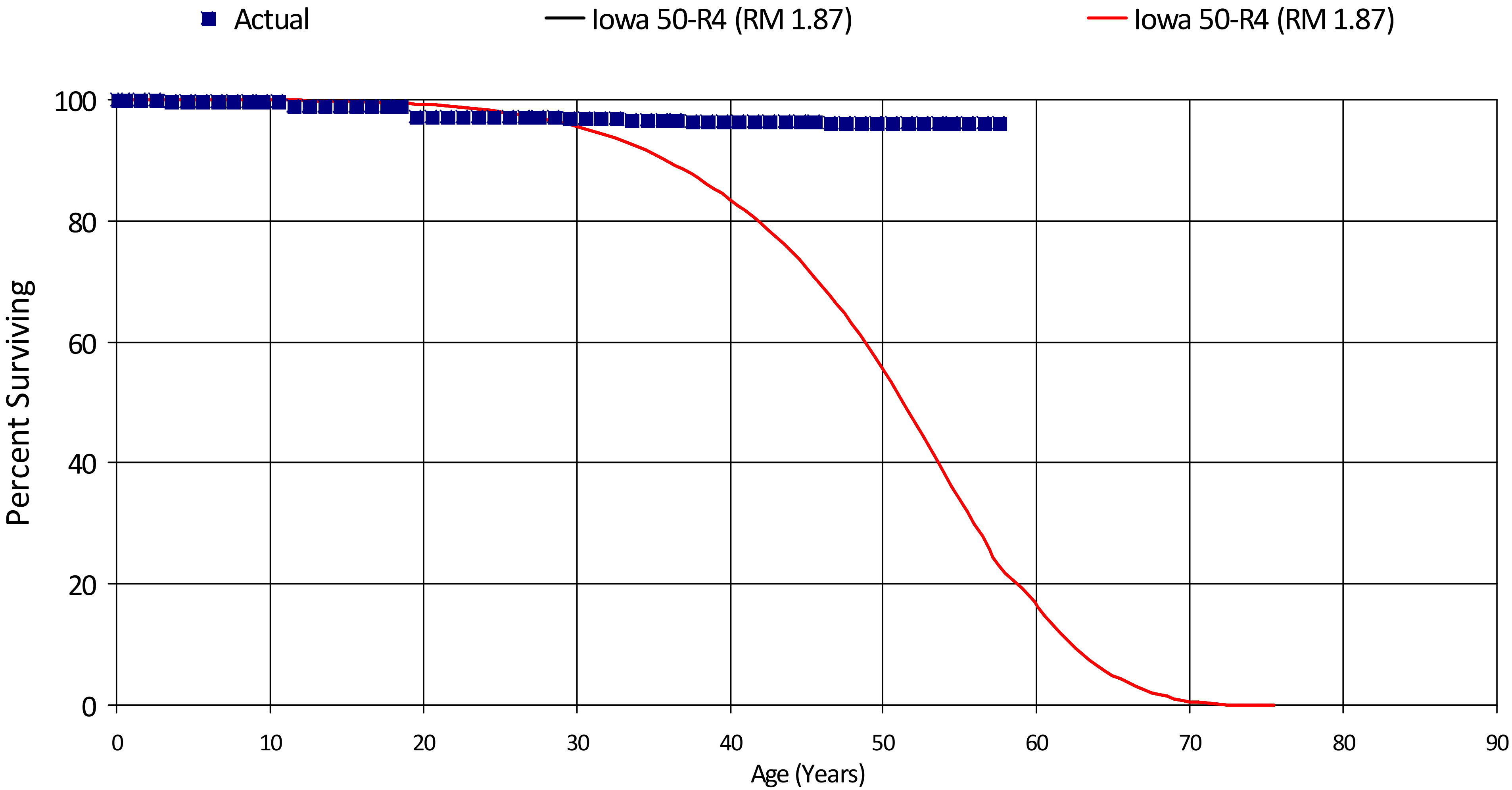
27.5	2,568,606	0	0.00000	1.00000	84.08
28.5	2,447,582	0	0.00000	1.00000	84.08
29.5	2,410,626	0	0.00000	1.00000	84.08
30.5	2,410,626	12,760	0.00529	0.99471	84.08
31.5	2,397,866	0	0.00000	1.00000	83.64
32.5	2,061,189	0	0.00000	1.00000	83.64
33.5	2,061,189	0	0.00000	1.00000	83.64
34.5	2,061,189	0	0.00000	1.00000	83.64
35.5	2,061,189	0	0.00000	1.00000	83.64
36.5	2,055,056	0	0.00000	1.00000	83.64
37.5	2,055,056	0	0.00000	1.00000	83.64
38.5	2,027,137	0	0.00000	1.00000	83.64
39.5	2,027,137	0	0.00000	1.00000	83.64
40.5	2,027,137	0	0.00000	1.00000	83.64
41.5	2,027,137	0	0.00000	1.00000	83.64
42.5	2,027,137	0	0.00000	1.00000	83.64
43.5	2,027,137	56,428	0.02784	0.97216	83.64
44.5	1,970,709	0	0.00000	1.00000	81.31
45.5	1,970,709	0	0.00000	1.00000	81.31
46.5	1,970,709	0	0.00000	1.00000	81.31
47.5	1,970,709	0	0.00000	1.00000	81.31
48.5	1,962,107	0	0.00000	1.00000	81.31
49.5	1,366,881	0	0.00000	1.00000	81.31
50.5	1,297,967	0	0.00000	1.00000	81.31
51.5	1,297,967	0	0.00000	1.00000	81.31
52.5	1,297,967	0	0.00000	1.00000	81.31
53.5	867,574	0	0.00000	1.00000	81.31
54.5	867,574	0	0.00000	1.00000	81.31
55.5	867,574	0	0.00000	1.00000	81.31
	Totals:	628,901			

Newfoundland and Labrador Hydro

Account S10 - Station Service

Placement Band - 1966 - 2024   Experience Band - 1994 - 2024

Actual and Smooth Survivor Curves



Account S10 - Station Service

Placement Band - 1966 - 2024 Experience Band - 1994 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	10,563,948	0	0.00000	1.00000	100.00
0.5	10,546,703	0	0.00000	1.00000	100.00
1.5	10,361,078	0	0.00000	1.00000	100.00
2.5	10,120,333	13,370	0.00132	0.99868	100.00
3.5	9,988,985	0	0.00000	1.00000	99.87
4.5	9,988,985	14,446	0.00145	0.99855	99.87
5.5	7,399,724	0	0.00000	1.00000	99.73
6.5	7,386,069	0	0.00000	1.00000	99.73
7.5	5,865,432	0	0.00000	1.00000	99.73
8.5	5,342,715	0	0.00000	1.00000	99.73
9.5	3,779,216	0	0.00000	1.00000	99.73
10.5	3,750,688	32,567	0.00868	0.99132	99.73
11.5	3,690,193	0	0.00000	1.00000	98.86
12.5	3,599,728	0	0.00000	1.00000	98.86
13.5	3,573,416	0	0.00000	1.00000	98.86
14.5	3,555,161	0	0.00000	1.00000	98.86
15.5	3,215,659	0	0.00000	1.00000	98.86
16.5	2,840,333	0	0.00000	1.00000	98.86
17.5	2,840,333	0	0.00000	1.00000	98.86
18.5	2,840,333	45,266	0.01594	0.98406	98.86
19.5	2,795,066	0	0.00000	1.00000	97.28
20.5	2,795,066	0	0.00000	1.00000	97.28
21.5	2,795,066	0	0.00000	1.00000	97.28
22.5	2,793,704	0	0.00000	1.00000	97.28
23.5	2,793,704	484	0.00017	0.99983	97.28
24.5	2,793,220	2,892	0.00104	0.99896	97.26
25.5	2,790,328	0	0.00000	1.00000	97.16
26.5	2,790,328	0	0.00000	1.00000	97.16

Newfoundland and Labrador Hydro

Account S10 - Station Service

Placement Band - 1966 - 2024 Experience Band - 1994 - 2024

27.5	2,790,328	0	0.00000	1.00000	97.16
28.5	2,707,372	2,402	0.00089	0.99911	97.16
29.5	2,683,943	0	0.00000	1.00000	97.07
30.5	2,641,820	0	0.00000	1.00000	97.07
31.5	2,639,376	0	0.00000	1.00000	97.07
32.5	2,638,490	9,576	0.00363	0.99637	97.07
33.5	2,626,139	695	0.00026	0.99974	96.72
34.5	2,600,407	0	0.00000	1.00000	96.69
35.5	2,502,301	0	0.00000	1.00000	96.69
36.5	2,433,065	7,886	0.00324	0.99676	96.69
37.5	2,422,511	0	0.00000	1.00000	96.38
38.5	2,419,654	0	0.00000	1.00000	96.38
39.5	1,918,805	0	0.00000	1.00000	96.38
40.5	1,918,805	0	0.00000	1.00000	96.38
41.5	1,143,363	237	0.00021	0.99979	96.38
42.5	1,135,401	0	0.00000	1.00000	96.36
43.5	1,126,314	359	0.00032	0.99968	96.36
44.5	900,054	0	0.00000	1.00000	96.33
45.5	718,046	316	0.00044	0.99956	96.33
46.5	709,523	0	0.00000	1.00000	96.29
47.5	672,617	0	0.00000	1.00000	96.29
48.5	672,617	690	0.00103	0.99897	96.29
49.5	670,427	0	0.00000	1.00000	96.19
50.5	669,977	0	0.00000	1.00000	96.19
51.5	669,977	0	0.00000	1.00000	96.19
52.5	669,977	0	0.00000	1.00000	96.19
53.5	518,105	0	0.00000	1.00000	96.19
54.5	517,082	0	0.00000	1.00000	96.19
55.5	517,082	0	0.00000	1.00000	96.19
56.5	511,196	0	0.00000	1.00000	96.19
57.5	491,605	0	0.00000	1.00000	96.19

Newfoundland and Labrador Hydro

Account S10 - Station Service

Placement Band - 1966 - 2024   Experience Band - 1994 - 2024

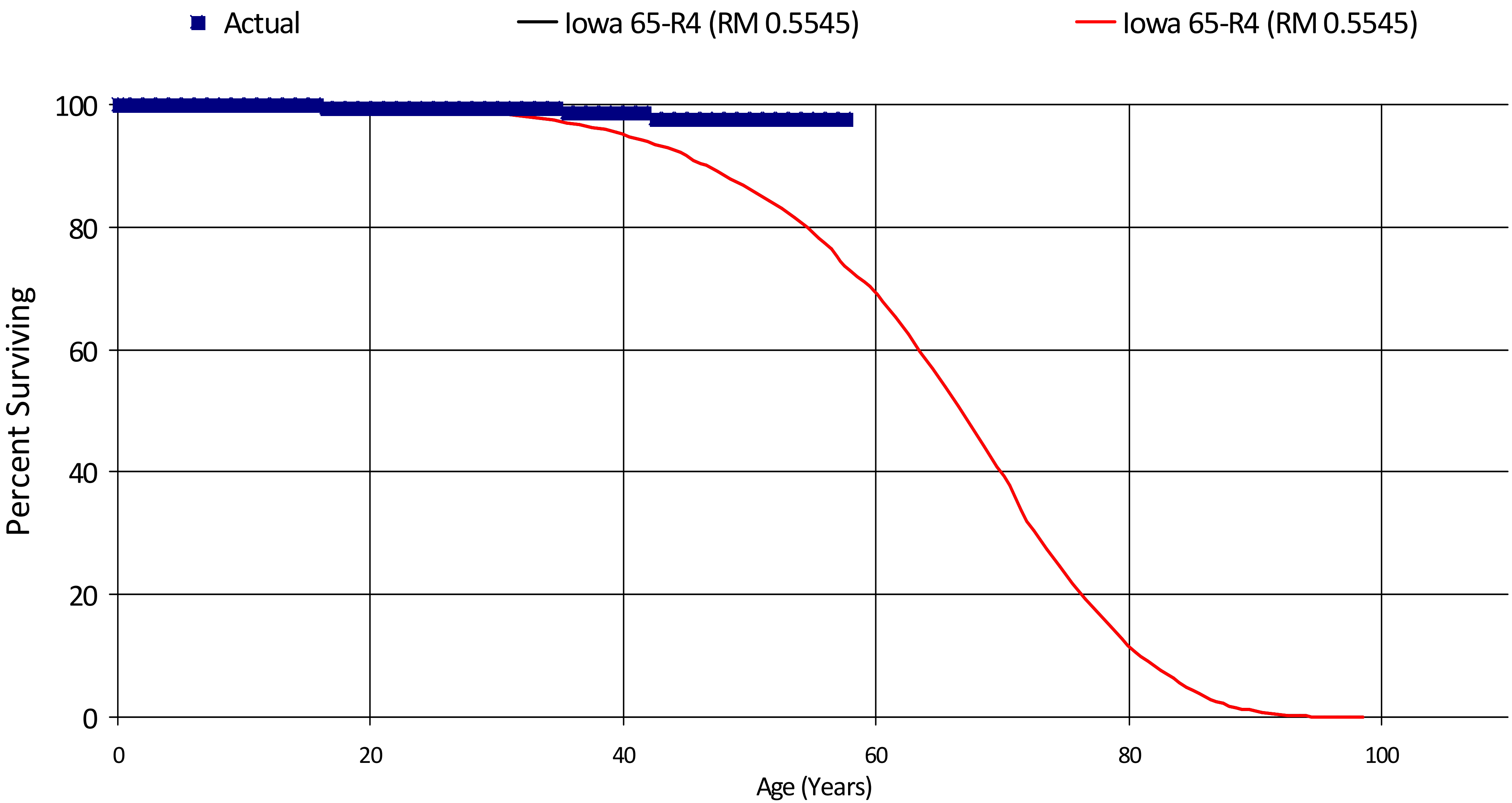
Totals:	131,186

Newfoundland and Labrador Hydro

Account S11 - Stop Logs

Placement Band - 1966 - 2024   Experience Band - 2005 - 2024

Actual and Smooth Survivor Curves



Account S11 - Stop Logs

Placement Band - 1966 - 2024   Experience Band - 2005 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	3,727,913	0	0.00000	1.00000	100.00
0.5	3,304,769	0	0.00000	1.00000	100.00
1.5	3,304,769	0	0.00000	1.00000	100.00
2.5	3,149,121	0	0.00000	1.00000	100.00
3.5	3,136,574	0	0.00000	1.00000	100.00
4.5	3,136,574	0	0.00000	1.00000	100.00
5.5	3,136,574	0	0.00000	1.00000	100.00
6.5	3,136,574	0	0.00000	1.00000	100.00
7.5	3,136,574	0	0.00000	1.00000	100.00
8.5	3,136,574	0	0.00000	1.00000	100.00
9.5	2,850,211	0	0.00000	1.00000	100.00
10.5	2,850,211	0	0.00000	1.00000	100.00
11.5	2,850,211	0	0.00000	1.00000	100.00
12.5	2,850,211	0	0.00000	1.00000	100.00
13.5	2,850,211	0	0.00000	1.00000	100.00
14.5	2,850,211	0	0.00000	1.00000	100.00
15.5	2,850,211	16,397	0.00575	0.99425	100.00
16.5	2,626,491	0	0.00000	1.00000	99.42
17.5	2,626,491	0	0.00000	1.00000	99.42
18.5	2,626,491	0	0.00000	1.00000	99.42
19.5	2,626,491	0	0.00000	1.00000	99.42
20.5	2,626,491	0	0.00000	1.00000	99.42
21.5	2,491,479	0	0.00000	1.00000	99.42
22.5	2,491,479	0	0.00000	1.00000	99.42
23.5	2,491,479	0	0.00000	1.00000	99.42
24.5	2,491,479	0	0.00000	1.00000	99.42
25.5	2,468,632	0	0.00000	1.00000	99.42
26.5	2,445,881	0	0.00000	1.00000	99.42

Account S11 - Stop Logs

Placement Band - 1966 - 2024   Experience Band - 2005 - 2024

27.5	2,445,881	0	0.00000	1.00000	99.42
28.5	2,445,881	0	0.00000	1.00000	99.42
29.5	2,445,881	0	0.00000	1.00000	99.42
30.5	2,445,881	0	0.00000	1.00000	99.42
31.5	2,445,881	0	0.00000	1.00000	99.42
32.5	2,445,881	0	0.00000	1.00000	99.42
33.5	2,445,881	0	0.00000	1.00000	99.42
34.5	2,445,881	16,475	0.00674	0.99326	99.42
35.5	2,429,406	0	0.00000	1.00000	98.75
36.5	2,364,017	0	0.00000	1.00000	98.75
37.5	2,364,017	0	0.00000	1.00000	98.75
38.5	2,364,017	0	0.00000	1.00000	98.75
39.5	2,364,017	0	0.00000	1.00000	98.75
40.5	2,168,249	0	0.00000	1.00000	98.75
41.5	2,155,876	23,831	0.01105	0.98895	98.75
42.5	867,916	0	0.00000	1.00000	97.66
43.5	867,916	0	0.00000	1.00000	97.66
44.5	867,916	0	0.00000	1.00000	97.66
45.5	305,958	0	0.00000	1.00000	97.66
46.5	305,958	0	0.00000	1.00000	97.66
47.5	305,958	0	0.00000	1.00000	97.66
48.5	305,958	0	0.00000	1.00000	97.66
49.5	305,958	0	0.00000	1.00000	97.66
50.5	305,958	0	0.00000	1.00000	97.66
51.5	305,958	0	0.00000	1.00000	97.66
52.5	305,958	0	0.00000	1.00000	97.66
53.5	305,958	0	0.00000	1.00000	97.66
54.5	285,958	0	0.00000	1.00000	97.66
55.5	285,958	0	0.00000	1.00000	97.66
56.5	285,958	0	0.00000	1.00000	97.66
57.5	137,480	0	0.00000	1.00000	97.66

Newfoundland and Labrador Hydro

Account S11 - Stop Logs

Placement Band - 1966 - 2024   Experience Band - 2005 - 2024

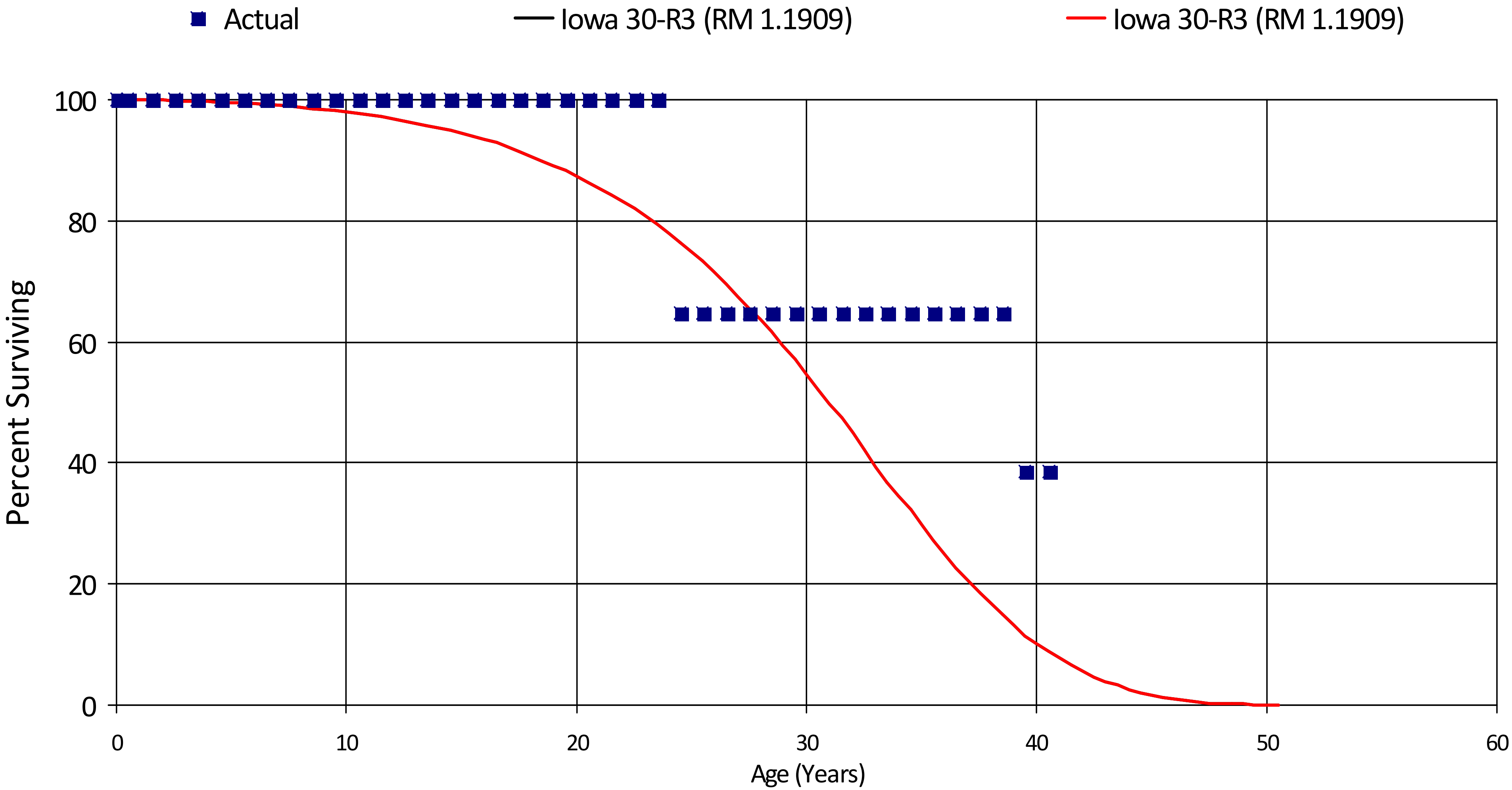
Totals:	56,703

Newfoundland and Labrador Hydro

Account S12 - Storage Pallets and Rackings

Placement Band - 1973 - 2024   Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account S12 - Storage Pallets and Rackings

Placement Band - 1973 - 2024   Experience Band - 1999 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	54,822	0	0.00000	1.00000	100.00
0.5	54,822	0	0.00000	1.00000	100.00
1.5	33,439	0	0.00000	1.00000	100.00
2.5	33,439	0	0.00000	1.00000	100.00
3.5	33,439	0	0.00000	1.00000	100.00
4.5	33,439	0	0.00000	1.00000	100.00
5.5	33,439	0	0.00000	1.00000	100.00
6.5	33,439	0	0.00000	1.00000	100.00
7.5	33,439	0	0.00000	1.00000	100.00
8.5	33,439	0	0.00000	1.00000	100.00
9.5	33,439	0	0.00000	1.00000	100.00
10.5	33,439	0	0.00000	1.00000	100.00
11.5	33,439	0	0.00000	1.00000	100.00
12.5	33,439	0	0.00000	1.00000	100.00
13.5	33,439	0	0.00000	1.00000	100.00
14.5	33,439	0	0.00000	1.00000	100.00
15.5	33,439	0	0.00000	1.00000	100.00
16.5	33,439	0	0.00000	1.00000	100.00
17.5	33,439	0	0.00000	1.00000	100.00
18.5	33,439	0	0.00000	1.00000	100.00
19.5	33,439	0	0.00000	1.00000	100.00
20.5	33,439	0	0.00000	1.00000	100.00
21.5	33,439	0	0.00000	1.00000	100.00
22.5	33,439	0	0.00000	1.00000	100.00
23.5	33,439	11,790	0.35259	0.64741	100.00
24.5	21,648	0	0.00000	1.00000	64.74
25.5	21,648	0	0.00000	1.00000	64.74
26.5	17,952	0	0.00000	1.00000	64.74

Newfoundland and Labrador Hydro

Account S12 - Storage Pallets and Rackings

Placement Band - 1973 - 2024   Experience Band - 1999 - 2024

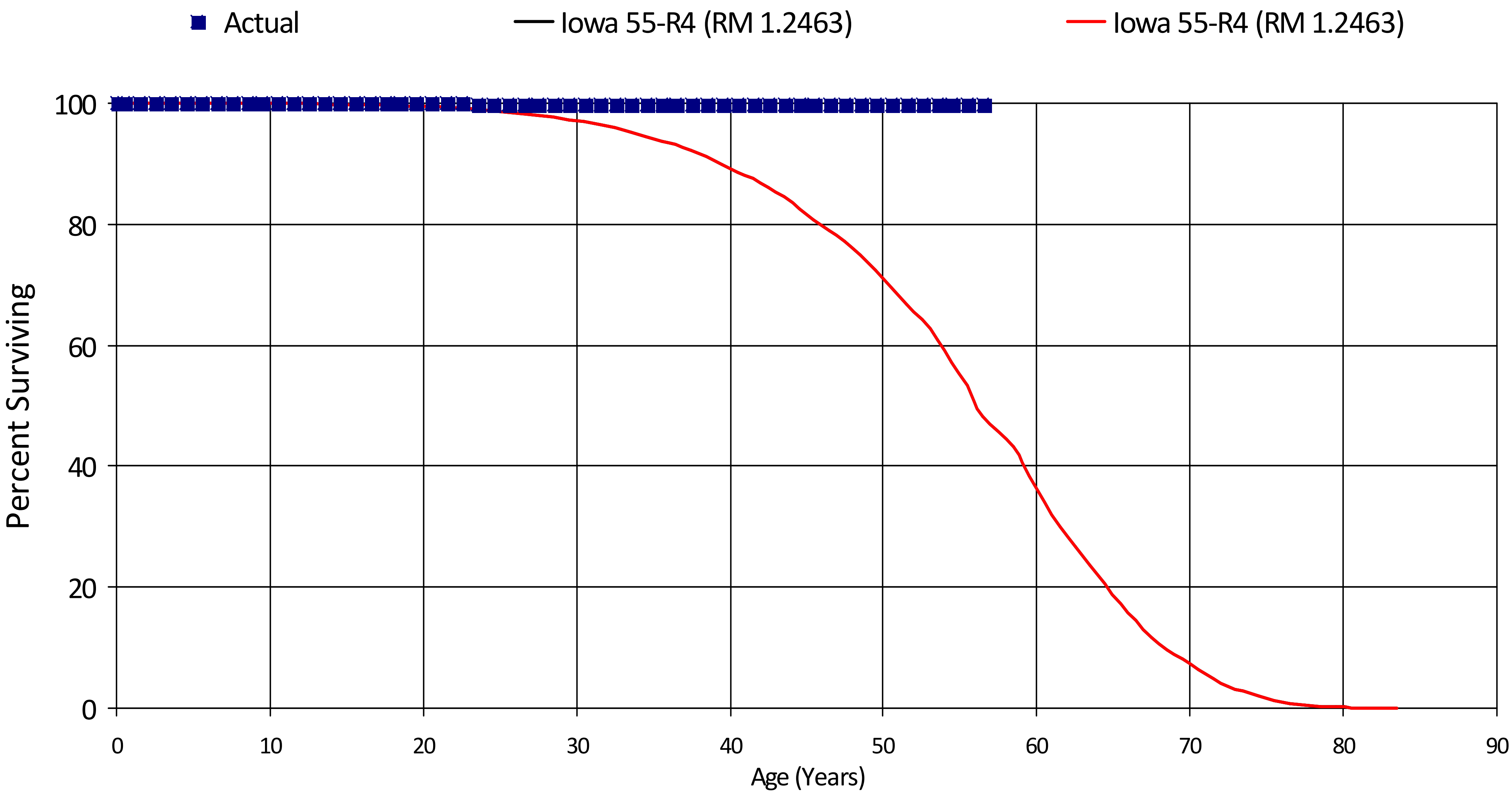
27.5	17,952	0	0.00000	1.00000	64.74
28.5	17,952	0	0.00000	1.00000	64.74
29.5	17,952	0	0.00000	1.00000	64.74
30.5	17,952	0	0.00000	1.00000	64.74
31.5	17,952	0	0.00000	1.00000	64.74
32.5	17,952	0	0.00000	1.00000	64.74
33.5	17,952	0	0.00000	1.00000	64.74
34.5	17,952	0	0.00000	1.00000	64.74
35.5	17,952	0	0.00000	1.00000	64.74
36.5	17,952	0	0.00000	1.00000	64.74
37.5	17,952	0	0.00000	1.00000	64.74
38.5	17,952	7,245	0.40359	0.59641	64.74
39.5	10,706	0	0.00000	1.00000	38.61
40.5	0	0	0.00000	0.00000	38.61
	Totals:	19,035			

Newfoundland and Labrador Hydro

Account S13 - Storm and Yard Drainage

Placement Band - 1967 - 2022 Experience Band - 2009 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	1,311,021	0	0.00000	1.00000	100.00
0.5	1,311,021	0	0.00000	1.00000	100.00
1.5	1,311,021	0	0.00000	1.00000	100.00
2.5	1,311,021	0	0.00000	1.00000	100.00
3.5	1,311,021	0	0.00000	1.00000	100.00
4.5	1,311,021	0	0.00000	1.00000	100.00
5.5	1,311,021	0	0.00000	1.00000	100.00
6.5	1,311,021	0	0.00000	1.00000	100.00
7.5	1,311,021	0	0.00000	1.00000	100.00
8.5	1,311,021	0	0.00000	1.00000	100.00
9.5	1,311,021	0	0.00000	1.00000	100.00
10.5	1,274,643	0	0.00000	1.00000	100.00
11.5	1,199,628	0	0.00000	1.00000	100.00
12.5	1,199,628	0	0.00000	1.00000	100.00
13.5	1,199,628	0	0.00000	1.00000	100.00
14.5	1,199,628	0	0.00000	1.00000	100.00
15.5	1,132,337	0	0.00000	1.00000	100.00
16.5	1,132,337	0	0.00000	1.00000	100.00
17.5	1,132,337	0	0.00000	1.00000	100.00
18.5	1,132,337	0	0.00000	1.00000	100.00
19.5	1,132,337	0	0.00000	1.00000	100.00
20.5	1,132,337	0	0.00000	1.00000	100.00
21.5	1,132,337	0	0.00000	1.00000	100.00
22.5	1,132,337	2,307	0.00204	0.99796	100.00
23.5	1,130,030	0	0.00000	1.00000	99.80
24.5	1,130,030	0	0.00000	1.00000	99.80
25.5	1,130,030	0	0.00000	1.00000	99.80
26.5	1,130,030	0	0.00000	1.00000	99.80

Newfoundland and Labrador Hydro

Account S13 - Storm and Yard Drainage

Placement Band - 1967 - 2022 Experience Band - 2009 - 2024

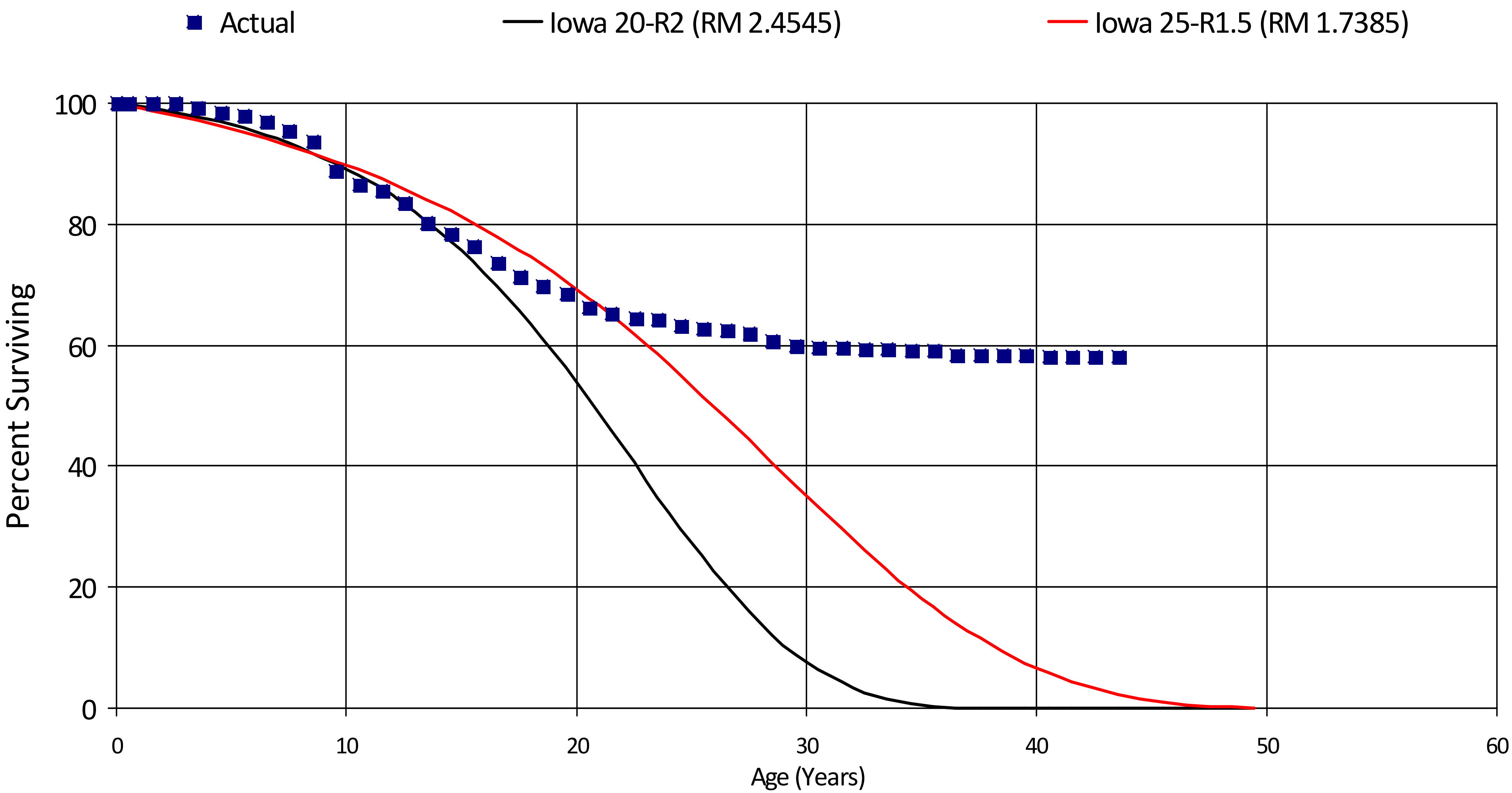
27.5	1,130,030	0	0.00000	1.00000	99.80
28.5	1,130,030	0	0.00000	1.00000	99.80
29.5	1,098,281	0	0.00000	1.00000	99.80
30.5	1,098,281	0	0.00000	1.00000	99.80
31.5	1,098,281	0	0.00000	1.00000	99.80
32.5	1,058,425	0	0.00000	1.00000	99.80
33.5	1,028,005	0	0.00000	1.00000	99.80
34.5	991,410	0	0.00000	1.00000	99.80
35.5	988,122	0	0.00000	1.00000	99.80
36.5	987,158	0	0.00000	1.00000	99.80
37.5	981,498	0	0.00000	1.00000	99.80
38.5	981,498	0	0.00000	1.00000	99.80
39.5	607,268	0	0.00000	1.00000	99.80
40.5	607,268	0	0.00000	1.00000	99.80
41.5	369,288	0	0.00000	1.00000	99.80
42.5	369,288	0	0.00000	1.00000	99.80
43.5	369,288	0	0.00000	1.00000	99.80
44.5	108,814	0	0.00000	1.00000	99.80
45.5	108,814	0	0.00000	1.00000	99.80
46.5	108,814	0	0.00000	1.00000	99.80
47.5	108,814	0	0.00000	1.00000	99.80
48.5	108,814	0	0.00000	1.00000	99.80
49.5	108,814	0	0.00000	1.00000	99.80
50.5	108,814	0	0.00000	1.00000	99.80
51.5	108,814	0	0.00000	1.00000	99.80
52.5	108,814	0	0.00000	1.00000	99.80
53.5	108,814	0	0.00000	1.00000	99.80
54.5	108,814	0	0.00000	1.00000	99.80
55.5	3,047	0	0.00000	1.00000	99.80
56.5	3,047	0	0.00000	1.00000	99.80
	Totals:	2,307			

Newfoundland and Labrador Hydro

Account S14 - Street Lights

Placement Band - 1970 - 2024 Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	12,628,068	0	0.00000	1.00000	100.00
0.5	10,595,294	911	0.00009	0.99991	100.00
1.5	8,809,537	4,244	0.00048	0.99952	99.99
2.5	7,720,320	49,254	0.00638	0.99362	99.94
3.5	5,954,548	46,465	0.00780	0.99220	99.30
4.5	5,595,372	27,973	0.00500	0.99500	98.53
5.5	5,556,382	54,402	0.00979	0.99021	98.04
6.5	5,398,747	89,132	0.01651	0.98349	97.08
7.5	5,136,079	93,909	0.01828	0.98172	95.48
8.5	4,886,605	256,644	0.05252	0.94748	93.73
9.5	4,350,661	111,394	0.02560	0.97440	88.81
10.5	4,047,837	48,430	0.01196	0.98804	86.54
11.5	3,711,316	91,540	0.02467	0.97533	85.50
12.5	3,464,181	137,122	0.03958	0.96042	83.39
13.5	3,073,230	64,259	0.02091	0.97909	80.09
14.5	2,823,344	74,775	0.02648	0.97352	78.42
15.5	2,520,097	87,894	0.03488	0.96512	76.34
16.5	2,220,411	71,120	0.03203	0.96797	73.68
17.5	1,985,146	44,909	0.02262	0.97738	71.32
18.5	1,746,672	29,723	0.01702	0.98298	69.71
19.5	1,551,528	50,789	0.03273	0.96727	68.52
20.5	1,307,292	19,531	0.01494	0.98506	66.28
21.5	1,110,183	12,067	0.01087	0.98913	65.29
22.5	986,453	6,504	0.00659	0.99341	64.58
23.5	852,742	13,737	0.01611	0.98389	64.15
24.5	737,826	4,708	0.00638	0.99362	63.12
25.5	655,766	3,062	0.00467	0.99533	62.72
26.5	575,228	3,757	0.00653	0.99347	62.43

Newfoundland and Labrador Hydro

Account S14 - Street Lights

Placement Band - 1970 - 2024 Experience Band - 1991 - 2024

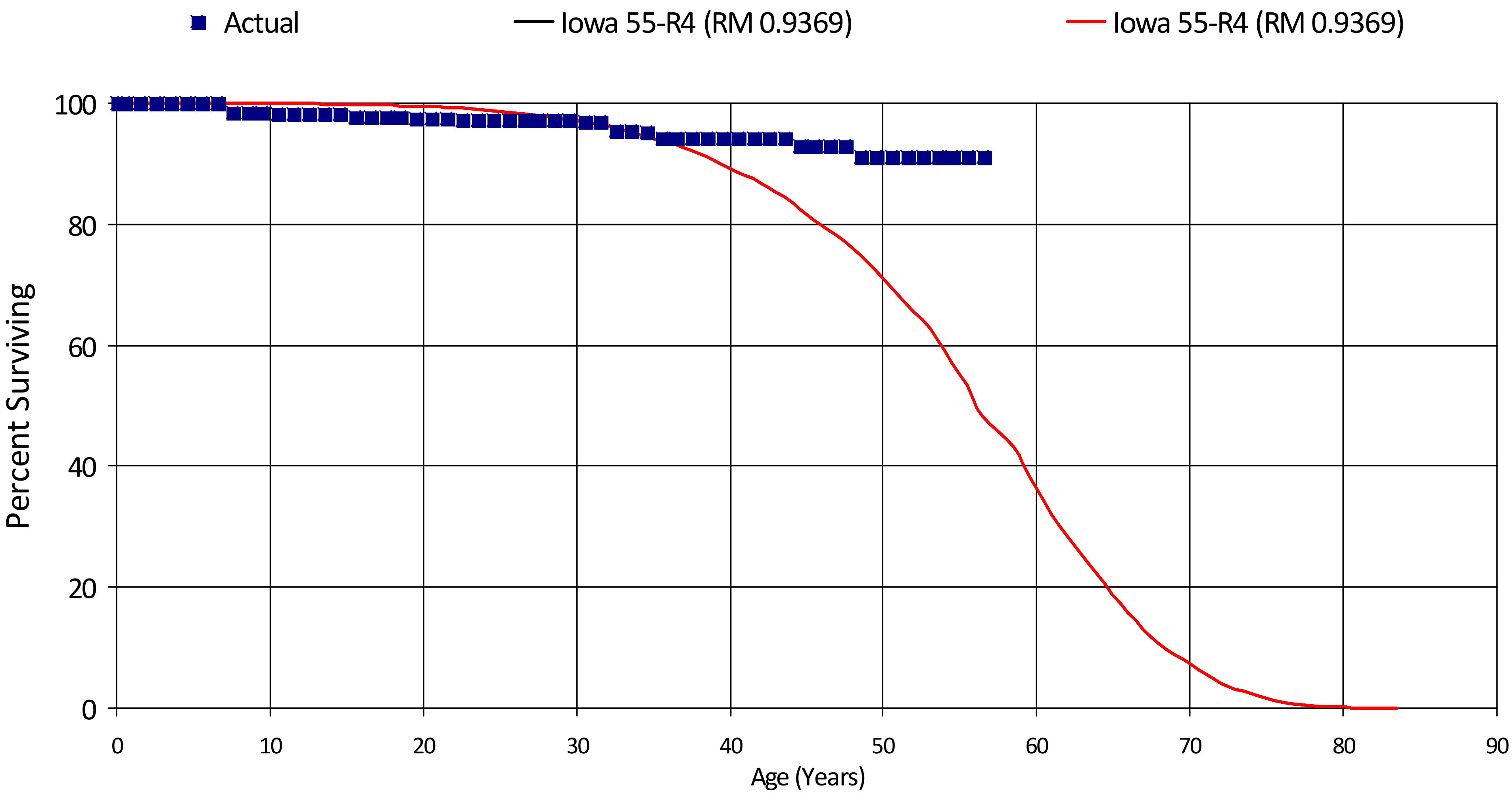
27.5	412,197	9,410	0.02283	0.97717	62.02
28.5	359,900	3,676	0.01021	0.98979	60.60
29.5	336,199	2,376	0.00707	0.99293	59.98
30.5	297,975	0	0.00000	1.00000	59.56
31.5	262,023	318	0.00121	0.99879	59.56
32.5	228,311	0	0.00000	1.00000	59.49
33.5	212,977	858	0.00403	0.99597	59.49
34.5	147,942	0	0.00000	1.00000	59.25
35.5	107,853	1,595	0.01479	0.98521	59.25
36.5	78,100	102	0.00131	0.99869	58.37
37.5	62,060	0	0.00000	1.00000	58.29
38.5	59,038	0	0.00000	1.00000	58.29
39.5	59,038	59	0.00100	0.99900	58.29
40.5	50,287	0	0.00000	1.00000	58.23
41.5	50,115	0	0.00000	1.00000	58.23
42.5	42,317	0	0.00000	1.00000	58.23
43.5	0	0	0.00000	0.00000	58.23
	Totals:	1,516,649			

Newfoundland and Labrador Hydro

Account S15 - Structural Supports (Wood or Steel)

Placement Band - 1967 - 2024 Experience Band - 1992 - 2024

Actual and Smooth Survivor Curves



Account S15 - Structural Supports (Wood or Steel)

Placement Band - 1967 - 2024 Experience Band - 1992 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	19,477,716	0	0.00000	1.00000	100.00
0.5	19,477,716	6,195	0.00032	0.99968	100.00
1.5	19,471,521	0	0.00000	1.00000	99.97
2.5	19,471,521	0	0.00000	1.00000	99.97
3.5	16,237,665	0	0.00000	1.00000	99.97
4.5	15,500,130	0	0.00000	1.00000	99.97
5.5	15,500,130	0	0.00000	1.00000	99.97
6.5	15,005,187	207,829	0.01385	0.98615	99.97
7.5	13,352,996	21,304	0.00160	0.99840	98.59
8.5	12,993,726	0	0.00000	1.00000	98.43
9.5	12,855,794	24,028	0.00187	0.99813	98.43
10.5	12,523,503	0	0.00000	1.00000	98.25
11.5	11,805,595	0	0.00000	1.00000	98.25
12.5	10,998,733	1,793	0.00016	0.99984	98.25
13.5	10,972,644	5,431	0.00049	0.99951	98.23
14.5	10,740,958	63,993	0.00596	0.99404	98.18
15.5	10,606,977	0	0.00000	1.00000	97.59
16.5	10,573,631	502	0.00005	0.99995	97.59
17.5	10,141,031	0	0.00000	1.00000	97.59
18.5	10,122,155	8,927	0.00088	0.99912	97.59
19.5	10,095,259	500	0.00005	0.99995	97.50
20.5	10,079,969	0	0.00000	1.00000	97.50
21.5	9,906,826	26,788	0.00270	0.99730	97.50
22.5	9,784,914	5,780	0.00059	0.99941	97.24
23.5	9,727,295	3,186	0.00033	0.99967	97.18
24.5	9,419,365	0	0.00000	1.00000	97.15
25.5	9,399,963	0	0.00000	1.00000	97.15
26.5	9,186,125	0	0.00000	1.00000	97.15

Newfoundland and Labrador Hydro

Account S15 - Structural Supports (Wood or Steel)

Placement Band - 1967 - 2024 Experience Band - 1992 - 2024

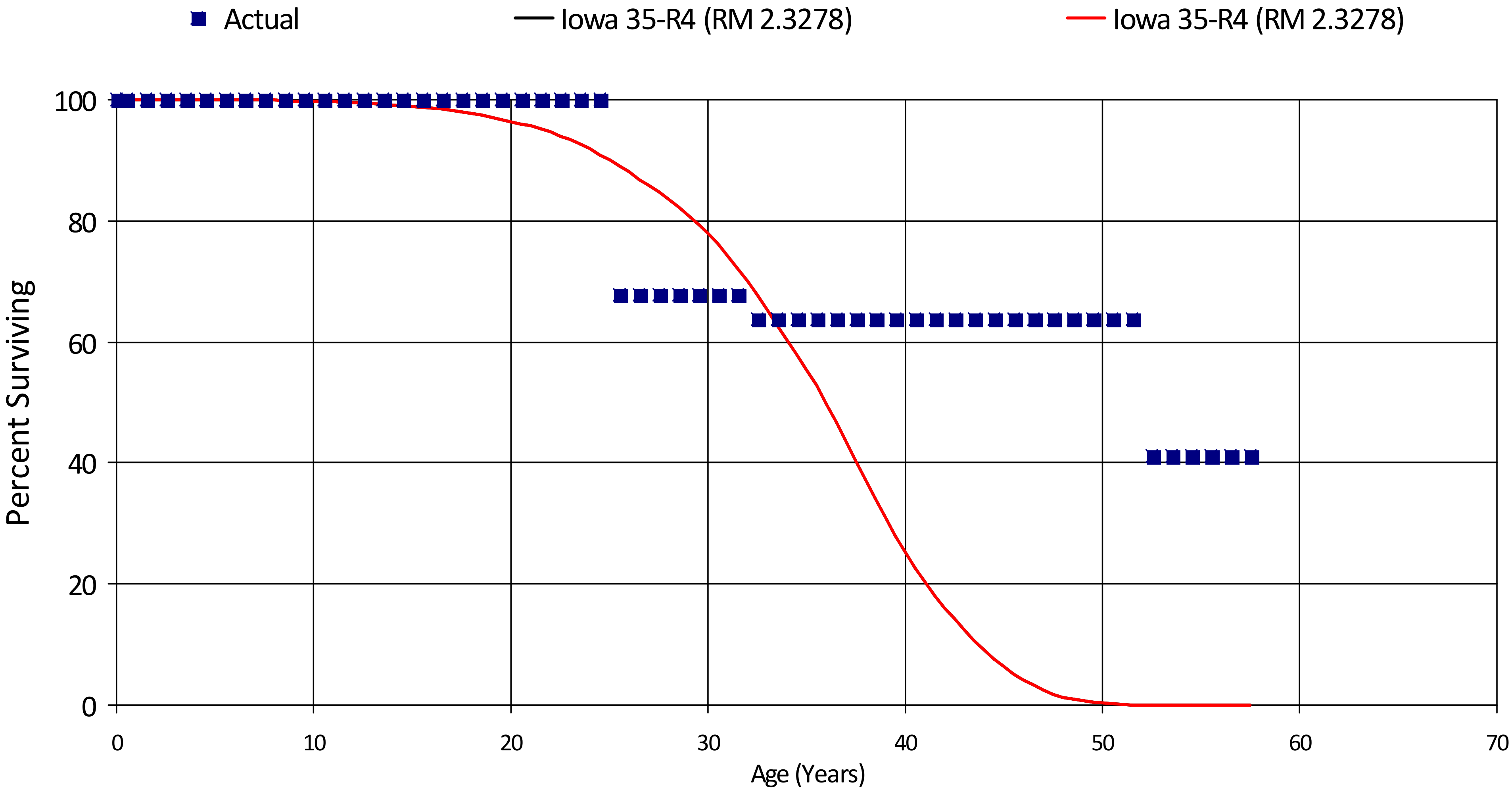
27.5	9,130,494	0	0.00000	1.00000	97.15
28.5	8,851,796	1,070	0.00012	0.99988	97.15
29.5	8,240,022	5,642	0.00068	0.99932	97.14
30.5	8,065,809	0	0.00000	1.00000	97.07
31.5	8,012,726	141,768	0.01769	0.98231	97.07
32.5	7,259,418	2,126	0.00029	0.99971	95.35
33.5	6,836,628	5,064	0.00074	0.99926	95.32
34.5	5,938,439	64,738	0.01090	0.98910	95.25
35.5	5,481,293	0	0.00000	1.00000	94.21
36.5	5,403,690	0	0.00000	1.00000	94.21
37.5	5,110,879	0	0.00000	1.00000	94.21
38.5	5,035,157	0	0.00000	1.00000	94.21
39.5	5,023,414	0	0.00000	1.00000	94.21
40.5	5,009,247	0	0.00000	1.00000	94.21
41.5	4,693,464	0	0.00000	1.00000	94.21
42.5	4,111,469	0	0.00000	1.00000	94.21
43.5	3,849,598	49,499	0.01286	0.98714	94.21
44.5	3,546,545	0	0.00000	1.00000	93.00
45.5	3,180,760	0	0.00000	1.00000	93.00
46.5	2,340,352	0	0.00000	1.00000	93.00
47.5	2,256,395	45,607	0.02021	0.97979	93.00
48.5	2,124,053	0	0.00000	1.00000	91.12
49.5	2,034,682	0	0.00000	1.00000	91.12
50.5	1,993,869	0	0.00000	1.00000	91.12
51.5	1,993,869	0	0.00000	1.00000	91.12
52.5	942,216	0	0.00000	1.00000	91.12
53.5	938,337	0	0.00000	1.00000	91.12
54.5	331,832	0	0.00000	1.00000	91.12
55.5	331,832	0	0.00000	1.00000	91.12
56.5	213,566	0	0.00000	1.00000	91.12
	Totals:	691,770			

Newfoundland and Labrador Hydro

Account S17 - Sump Systems

Placement Band - 1966 - 2024   Experience Band - 2003 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account S17 - Sump Systems

Placement Band - 1966 - 2024   Experience Band - 2003 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	1,511,376	0	0.00000	1.00000	100.00
0.5	1,511,376	0	0.00000	1.00000	100.00
1.5	1,511,376	0	0.00000	1.00000	100.00
2.5	1,511,376	0	0.00000	1.00000	100.00
3.5	1,511,376	0	0.00000	1.00000	100.00
4.5	900,857	0	0.00000	1.00000	100.00
5.5	778,200	0	0.00000	1.00000	100.00
6.5	733,200	0	0.00000	1.00000	100.00
7.5	682,931	0	0.00000	1.00000	100.00
8.5	682,931	0	0.00000	1.00000	100.00
9.5	254,325	0	0.00000	1.00000	100.00
10.5	254,325	0	0.00000	1.00000	100.00
11.5	254,325	0	0.00000	1.00000	100.00
12.5	254,325	0	0.00000	1.00000	100.00
13.5	254,325	0	0.00000	1.00000	100.00
14.5	254,325	0	0.00000	1.00000	100.00
15.5	178,705	0	0.00000	1.00000	100.00
16.5	178,705	0	0.00000	1.00000	100.00
17.5	178,705	0	0.00000	1.00000	100.00
18.5	178,705	0	0.00000	1.00000	100.00
19.5	178,705	0	0.00000	1.00000	100.00
20.5	178,705	0	0.00000	1.00000	100.00
21.5	178,705	0	0.00000	1.00000	100.00
22.5	178,705	0	0.00000	1.00000	100.00
23.5	178,705	0	0.00000	1.00000	100.00
24.5	178,705	57,819	0.32354	0.67646	100.00
25.5	98,032	0	0.00000	1.00000	67.65
26.5	98,032	0	0.00000	1.00000	67.65

27.5	98,032	0	0.00000	1.00000	67.65
28.5	98,032	0	0.00000	1.00000	67.65
29.5	98,032	0	0.00000	1.00000	67.65
30.5	98,032	0	0.00000	1.00000	67.65
31.5	98,032	5,755	0.05871	0.94129	67.65
32.5	92,277	0	0.00000	1.00000	63.68
33.5	92,277	0	0.00000	1.00000	63.68
34.5	92,277	0	0.00000	1.00000	63.68
35.5	92,277	0	0.00000	1.00000	63.68
36.5	92,277	0	0.00000	1.00000	63.68
37.5	92,277	0	0.00000	1.00000	63.68
38.5	92,277	0	0.00000	1.00000	63.68
39.5	90,851	0	0.00000	1.00000	63.68
40.5	90,851	0	0.00000	1.00000	63.68
41.5	90,851	0	0.00000	1.00000	63.68
42.5	90,851	0	0.00000	1.00000	63.68
43.5	90,851	0	0.00000	1.00000	63.68
44.5	90,851	0	0.00000	1.00000	63.68
45.5	54,813	0	0.00000	1.00000	63.68
46.5	54,813	0	0.00000	1.00000	63.68
47.5	54,813	0	0.00000	1.00000	63.68
48.5	54,813	0	0.00000	1.00000	63.68
49.5	54,813	0	0.00000	1.00000	63.68
50.5	54,813	0	0.00000	1.00000	63.68
51.5	54,813	19,419	0.35428	0.64572	63.68
52.5	35,394	0	0.00000	1.00000	41.12
53.5	35,394	0	0.00000	1.00000	41.12
54.5	35,394	0	0.00000	1.00000	41.12
55.5	35,394	0	0.00000	1.00000	41.12
56.5	35,394	0	0.00000	1.00000	41.12
57.5	35,394	0	0.00000	1.00000	41.12

Newfoundland and Labrador Hydro

Account S17 - Sump Systems

Placement Band - 1966 - 2024   Experience Band - 2003 - 2024

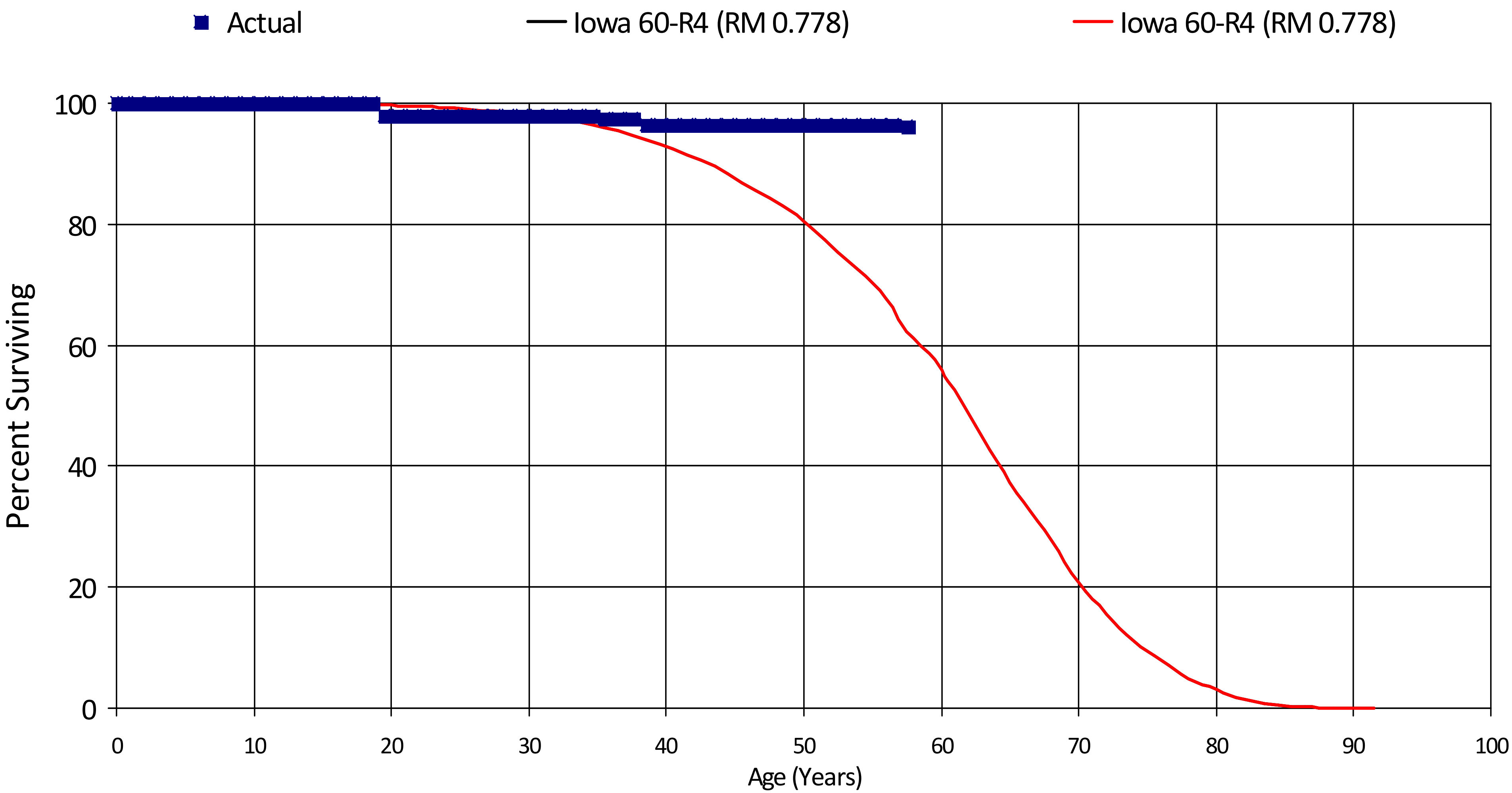
Totals:	82,993

Newfoundland and Labrador Hydro

Account S18 - Surge Systems

Placement Band - 1966 - 2024   Experience Band - 2005 - 2024

Actual and Smooth Survivor Curves



Account S18 - Surge Systems

Placement Band - 1966 - 2024 Experience Band - 2005 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	12,495,352	0	0.00000	1.00000	100.00
0.5	12,055,666	0	0.00000	1.00000	100.00
1.5	11,562,441	0	0.00000	1.00000	100.00
2.5	11,562,441	0	0.00000	1.00000	100.00
3.5	11,562,441	0	0.00000	1.00000	100.00
4.5	11,324,848	0	0.00000	1.00000	100.00
5.5	10,955,305	0	0.00000	1.00000	100.00
6.5	9,455,305	0	0.00000	1.00000	100.00
7.5	9,455,305	0	0.00000	1.00000	100.00
8.5	6,719,625	0	0.00000	1.00000	100.00
9.5	5,545,365	0	0.00000	1.00000	100.00
10.5	4,048,415	0	0.00000	1.00000	100.00
11.5	4,048,415	0	0.00000	1.00000	100.00
12.5	4,048,415	0	0.00000	1.00000	100.00
13.5	4,048,415	0	0.00000	1.00000	100.00
14.5	4,048,415	0	0.00000	1.00000	100.00
15.5	4,048,415	0	0.00000	1.00000	100.00
16.5	4,048,415	0	0.00000	1.00000	100.00
17.5	4,048,415	0	0.00000	1.00000	100.00
18.5	4,048,415	79,504	0.01964	0.98036	100.00
19.5	3,968,911	0	0.00000	1.00000	98.04
20.5	3,968,911	0	0.00000	1.00000	98.04
21.5	3,968,911	0	0.00000	1.00000	98.04
22.5	3,669,260	0	0.00000	1.00000	98.04
23.5	3,669,260	0	0.00000	1.00000	98.04
24.5	3,669,260	0	0.00000	1.00000	98.04
25.5	3,669,260	0	0.00000	1.00000	98.04
26.5	3,669,260	0	0.00000	1.00000	98.04

Newfoundland and Labrador Hydro

Account S18 - Surge Systems

Placement Band - 1966 - 2024   Experience Band - 2005 - 2024

27.5	3,669,260	0	0.00000	1.00000	98.04
28.5	3,669,260	0	0.00000	1.00000	98.04
29.5	3,669,260	0	0.00000	1.00000	98.04
30.5	3,669,260	0	0.00000	1.00000	98.04
31.5	3,669,260	0	0.00000	1.00000	98.04
32.5	3,669,260	0	0.00000	1.00000	98.04
33.5	3,669,260	0	0.00000	1.00000	98.04
34.5	3,669,260	20,116	0.00548	0.99452	98.04
35.5	3,649,144	0	0.00000	1.00000	97.50
36.5	3,649,144	0	0.00000	1.00000	97.50
37.5	3,649,144	40,232	0.01103	0.98897	97.50
38.5	3,608,912	0	0.00000	1.00000	96.42
39.5	3,608,912	0	0.00000	1.00000	96.42
40.5	3,608,912	0	0.00000	1.00000	96.42
41.5	3,608,912	0	0.00000	1.00000	96.42
42.5	3,608,912	0	0.00000	1.00000	96.42
43.5	3,608,912	0	0.00000	1.00000	96.42
44.5	3,608,912	0	0.00000	1.00000	96.42
45.5	3,608,912	0	0.00000	1.00000	96.42
46.5	3,608,912	0	0.00000	1.00000	96.42
47.5	3,608,912	193	0.00005	0.99995	96.42
48.5	3,608,718	1,994	0.00055	0.99945	96.42
49.5	3,606,724	0	0.00000	1.00000	96.37
50.5	3,606,724	0	0.00000	1.00000	96.37
51.5	3,606,724	0	0.00000	1.00000	96.37
52.5	3,606,724	0	0.00000	1.00000	96.37
53.5	3,606,724	0	0.00000	1.00000	96.37
54.5	3,606,724	0	0.00000	1.00000	96.37
55.5	3,606,724	0	0.00000	1.00000	96.37
56.5	3,606,724	8,064	0.00224	0.99776	96.37
57.5	1,269,730	243,089	0.19145	0.80855	96.15

Newfoundland and Labrador Hydro

Account S18 - Surge Systems

Placement Band - 1966 - 2024   Experience Band - 2005 - 2024

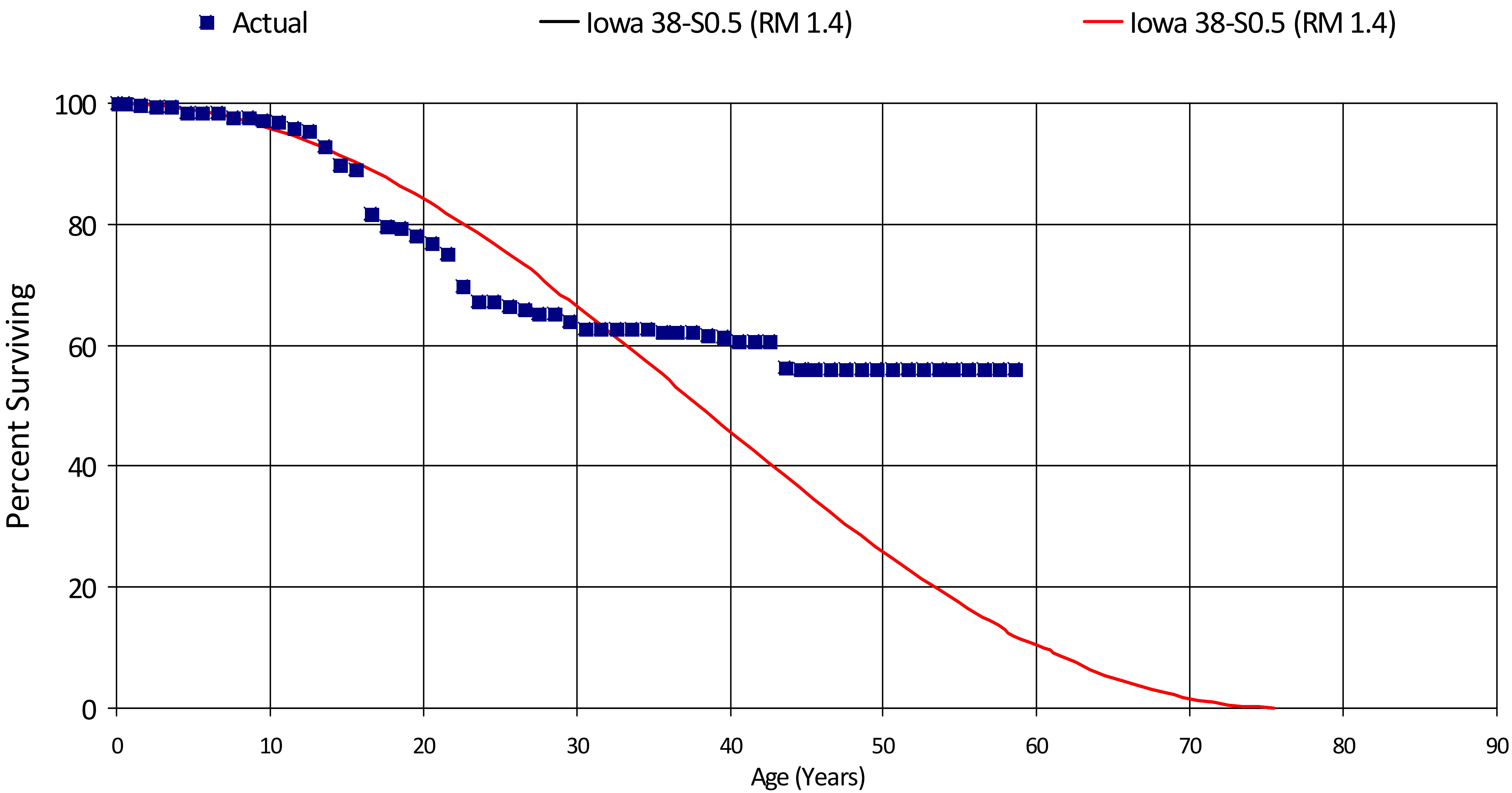
Totals: 393,192

Newfoundland and Labrador Hydro

Account S19 - Station Switching

Placement Band - 1965 - 2024 Experience Band - 1997 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	15,798,626	0	0.00000	1.00000	100.00
0.5	15,565,591	30,076	0.00193	0.99807	100.00
1.5	15,099,395	30,286	0.00201	0.99799	99.81
2.5	14,899,109	0	0.00000	1.00000	99.61
3.5	14,899,109	157,316	0.01056	0.98944	99.61
4.5	14,741,793	11,835	0.00080	0.99920	98.56
5.5	14,519,060	3,666	0.00025	0.99975	98.48
6.5	14,294,060	112,047	0.00784	0.99216	98.46
7.5	14,126,900	0	0.00000	1.00000	97.69
8.5	14,087,785	68,698	0.00488	0.99512	97.69
9.5	14,019,087	28,935	0.00206	0.99794	97.21
10.5	12,567,371	141,462	0.01126	0.98874	97.01
11.5	12,141,128	73,083	0.00602	0.99398	95.92
12.5	12,068,045	296,280	0.02455	0.97545	95.34
13.5	11,561,716	388,884	0.03364	0.96636	93.00
14.5	11,172,832	95,211	0.00852	0.99148	89.87
15.5	11,077,621	915,270	0.08262	0.91738	89.10
16.5	9,367,409	238,718	0.02548	0.97452	81.74
17.5	8,818,270	13,631	0.00155	0.99845	79.66
18.5	8,660,919	139,755	0.01614	0.98386	79.54
19.5	8,267,573	133,606	0.01616	0.98384	78.26
20.5	8,125,279	196,531	0.02419	0.97581	77.00
21.5	7,327,304	511,828	0.06985	0.93015	75.14
22.5	6,270,833	232,664	0.03710	0.96290	69.89
23.5	5,322,972	0	0.00000	1.00000	67.30
24.5	5,147,950	59,992	0.01165	0.98835	67.30
25.5	5,063,907	33,700	0.00665	0.99335	66.52
26.5	4,885,525	65,548	0.01342	0.98658	66.08

27.5	4,371,906	0	0.00000	1.00000	65.19
28.5	4,225,557	85,425	0.02022	0.97978	65.19
29.5	4,123,457	70,855	0.01718	0.98282	63.87
30.5	4,052,601	0	0.00000	1.00000	62.77
31.5	4,052,601	4,141	0.00102	0.99898	62.77
32.5	3,801,842	0	0.00000	1.00000	62.71
33.5	3,735,541	1,920	0.00051	0.99949	62.71
34.5	3,669,230	25,334	0.00690	0.99310	62.68
35.5	3,518,528	9,003	0.00256	0.99744	62.25
36.5	3,509,525	0	0.00000	1.00000	62.09
37.5	3,458,987	29,596	0.00856	0.99144	62.09
38.5	3,394,341	1,054	0.00031	0.99969	61.56
39.5	932,167	14,301	0.01534	0.98466	61.54
40.5	809,461	0	0.00000	1.00000	60.60
41.5	809,461	0	0.00000	1.00000	60.60
42.5	686,256	48,663	0.07091	0.92909	60.60
43.5	572,284	1,335	0.00233	0.99767	56.30
44.5	337,727	0	0.00000	1.00000	56.17
45.5	337,727	0	0.00000	1.00000	56.17
46.5	337,727	0	0.00000	1.00000	56.17
47.5	337,727	0	0.00000	1.00000	56.17
48.5	337,727	0	0.00000	1.00000	56.17
49.5	337,727	0	0.00000	1.00000	56.17
50.5	337,727	0	0.00000	1.00000	56.17
51.5	257,717	0	0.00000	1.00000	56.17
52.5	257,717	0	0.00000	1.00000	56.17
53.5	257,717	0	0.00000	1.00000	56.17
54.5	256,717	0	0.00000	1.00000	56.17
55.5	256,717	0	0.00000	1.00000	56.17
56.5	95,999	0	0.00000	1.00000	56.17
57.5	95,999	0	0.00000	1.00000	56.17

Newfoundland and Labrador Hydro

Account S19 - Station Switching

Placement Band - 1965 - 2024   Experience Band - 1997 - 2024

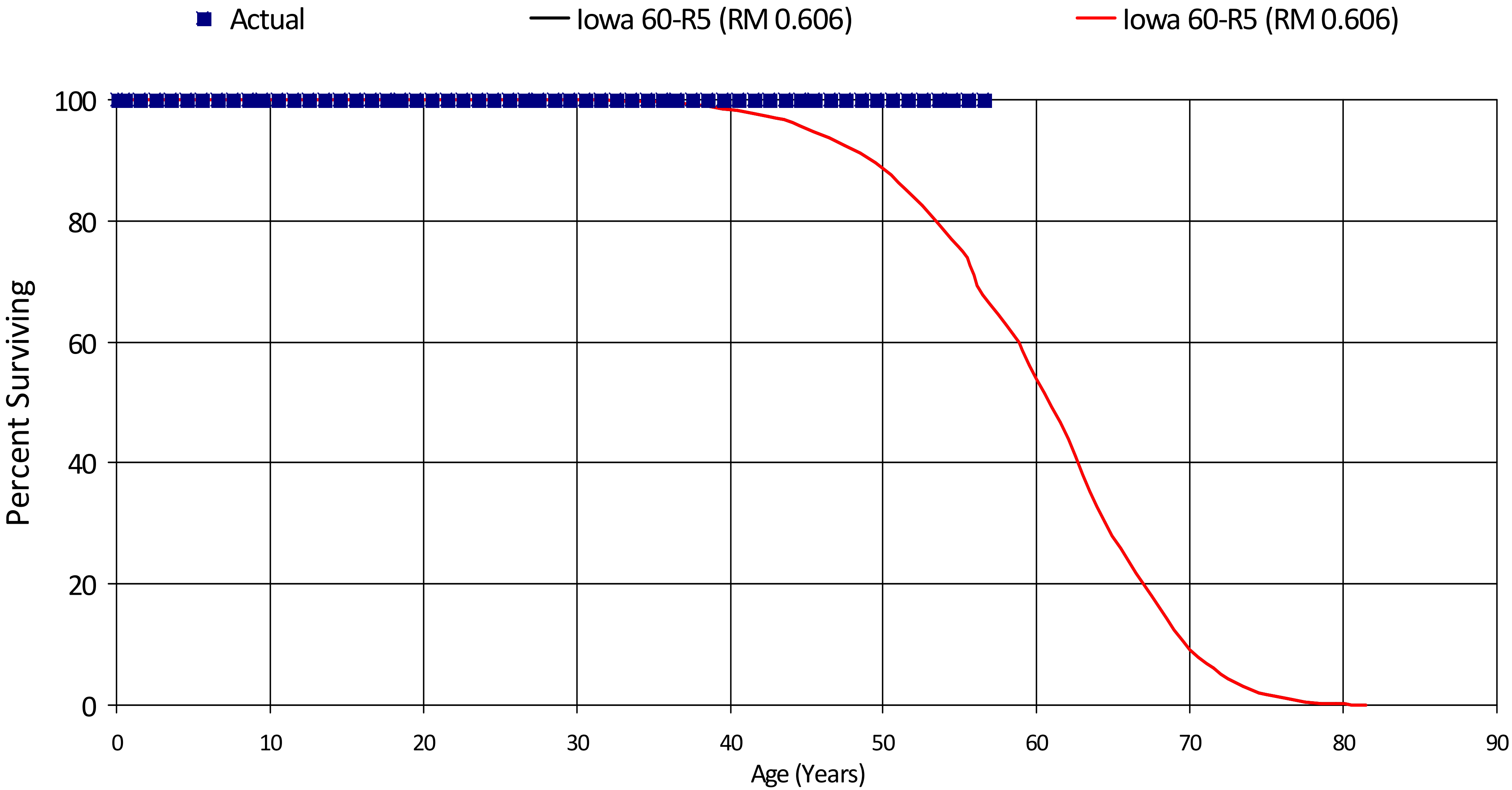
58.5	95,999	0	0.00000	1.00000	56.17
	Totals:	4,270,649			

Newfoundland and Labrador Hydro

Account S20 - Switching Systems - L.V.

Placement Band - 1967 - 2024   Experience Band - 2013 - 2024

Actual and Smooth Survivor Curves



Account S20 - Switching Systems - L.V.

Placement Band - 1967 - 2024   Experience Band - 2013 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	2,306,330	0	0.00000	1.00000	100.00
0.5	2,306,330	0	0.00000	1.00000	100.00
1.5	2,306,330	0	0.00000	1.00000	100.00
2.5	2,306,330	0	0.00000	1.00000	100.00
3.5	2,306,330	0	0.00000	1.00000	100.00
4.5	2,306,330	0	0.00000	1.00000	100.00
5.5	2,306,330	0	0.00000	1.00000	100.00
6.5	2,306,330	0	0.00000	1.00000	100.00
7.5	2,306,330	0	0.00000	1.00000	100.00
8.5	2,306,330	0	0.00000	1.00000	100.00
9.5	1,960,879	0	0.00000	1.00000	100.00
10.5	1,811,180	0	0.00000	1.00000	100.00
11.5	1,811,180	0	0.00000	1.00000	100.00
12.5	1,809,042	0	0.00000	1.00000	100.00
13.5	1,809,042	0	0.00000	1.00000	100.00
14.5	1,809,042	0	0.00000	1.00000	100.00
15.5	1,809,042	0	0.00000	1.00000	100.00
16.5	1,809,042	0	0.00000	1.00000	100.00
17.5	1,809,042	0	0.00000	1.00000	100.00
18.5	1,809,042	0	0.00000	1.00000	100.00
19.5	1,809,042	0	0.00000	1.00000	100.00
20.5	1,809,042	0	0.00000	1.00000	100.00
21.5	1,809,042	0	0.00000	1.00000	100.00
22.5	1,809,042	0	0.00000	1.00000	100.00
23.5	1,809,042	0	0.00000	1.00000	100.00
24.5	1,809,042	0	0.00000	1.00000	100.00
25.5	1,809,042	0	0.00000	1.00000	100.00
26.5	1,809,042	0	0.00000	1.00000	100.00

Newfoundland and Labrador Hydro

Account S20 - Switching Systems - L.V.

Placement Band - 1967 - 2024 Experience Band - 2013 - 2024

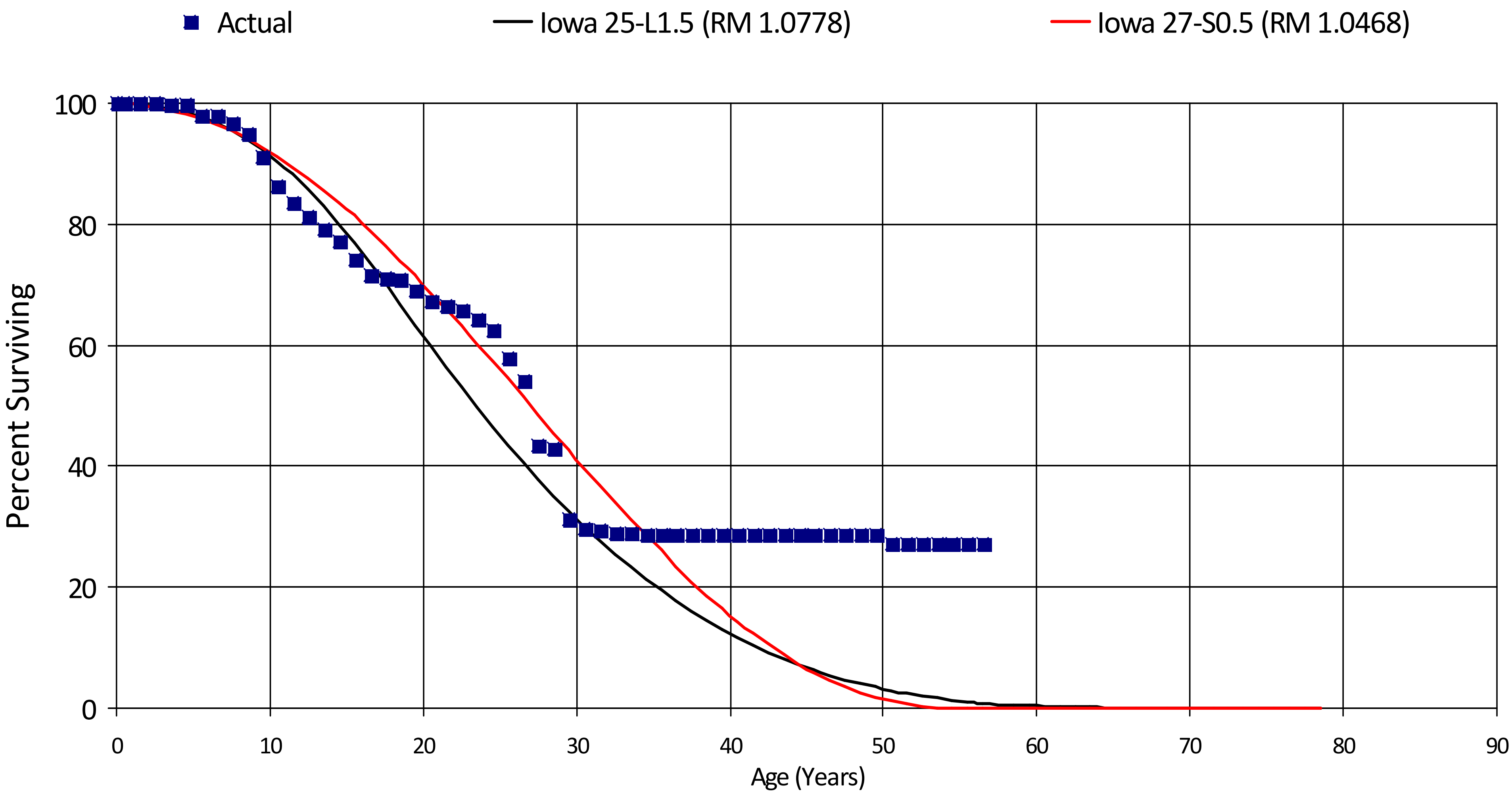
27.5	1,809,042	0	0.00000	1.00000	100.00
28.5	1,809,042	0	0.00000	1.00000	100.00
29.5	1,809,042	0	0.00000	1.00000	100.00
30.5	1,809,042	0	0.00000	1.00000	100.00
31.5	1,809,042	0	0.00000	1.00000	100.00
32.5	1,809,042	1,722	0.00095	0.99905	100.00
33.5	1,807,321	0	0.00000	1.00000	99.90
34.5	1,807,321	0	0.00000	1.00000	99.90
35.5	1,793,939	0	0.00000	1.00000	99.90
36.5	1,793,939	0	0.00000	1.00000	99.90
37.5	1,793,939	0	0.00000	1.00000	99.90
38.5	1,793,939	0	0.00000	1.00000	99.90
39.5	763,602	0	0.00000	1.00000	99.90
40.5	763,602	0	0.00000	1.00000	99.90
41.5	705,647	0	0.00000	1.00000	99.90
42.5	364,335	0	0.00000	1.00000	99.90
43.5	364,335	0	0.00000	1.00000	99.90
44.5	71,442	0	0.00000	1.00000	99.90
45.5	71,442	0	0.00000	1.00000	99.90
46.5	28,493	0	0.00000	1.00000	99.90
47.5	28,493	0	0.00000	1.00000	99.90
48.5	28,493	0	0.00000	1.00000	99.90
49.5	28,493	0	0.00000	1.00000	99.90
50.5	28,493	0	0.00000	1.00000	99.90
51.5	28,493	0	0.00000	1.00000	99.90
52.5	28,493	0	0.00000	1.00000	99.90
53.5	28,493	0	0.00000	1.00000	99.90
54.5	23,423	0	0.00000	1.00000	99.90
55.5	11,423	0	0.00000	1.00000	99.90
56.5	11,423	0	0.00000	1.00000	99.90
	Totals:	1,722			

Newfoundland and Labrador Hydro

Account T01 - Telecontrol System

Placement Band - 1967 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	22,617,323	0	0.00000	1.00000	100.00
0.5	22,108,120	1,227	0.00006	0.99994	100.00
1.5	21,851,312	1,631	0.00007	0.99993	99.99
2.5	21,759,620	38,609	0.00177	0.99823	99.98
3.5	21,683,768	11,624	0.00054	0.99946	99.80
4.5	21,604,863	374,057	0.01731	0.98269	99.75
5.5	20,122,969	28,454	0.00141	0.99859	98.02
6.5	19,156,674	209,633	0.01094	0.98906	97.88
7.5	18,155,411	360,804	0.01987	0.98013	96.81
8.5	16,741,761	677,731	0.04048	0.95952	94.89
9.5	15,650,499	808,022	0.05163	0.94837	91.05
10.5	14,726,668	492,339	0.03343	0.96657	86.35
11.5	14,018,084	390,983	0.02789	0.97211	83.46
12.5	13,072,938	323,614	0.02475	0.97525	81.13
13.5	10,645,558	264,598	0.02486	0.97514	79.12
14.5	10,266,980	410,426	0.03998	0.96002	77.15
15.5	9,436,655	319,456	0.03385	0.96615	74.07
16.5	8,436,077	70,023	0.00830	0.99170	71.56
17.5	8,210,198	27,605	0.00336	0.99664	70.97
18.5	8,137,797	207,520	0.02550	0.97450	70.73
19.5	7,861,300	178,468	0.02270	0.97730	68.93
20.5	7,554,009	91,155	0.01207	0.98793	67.37
21.5	6,655,360	91,570	0.01376	0.98624	66.56
22.5	6,295,786	136,496	0.02168	0.97832	65.64
23.5	5,746,011	153,416	0.02670	0.97330	64.22
24.5	5,359,954	401,226	0.07486	0.92514	62.51
25.5	4,597,294	297,921	0.06480	0.93520	57.83
26.5	4,178,639	815,621	0.19519	0.80481	54.08

Account T01 - Telecontrol System

Placement Band - 1967 - 2024   Experience Band - 1991 - 2024

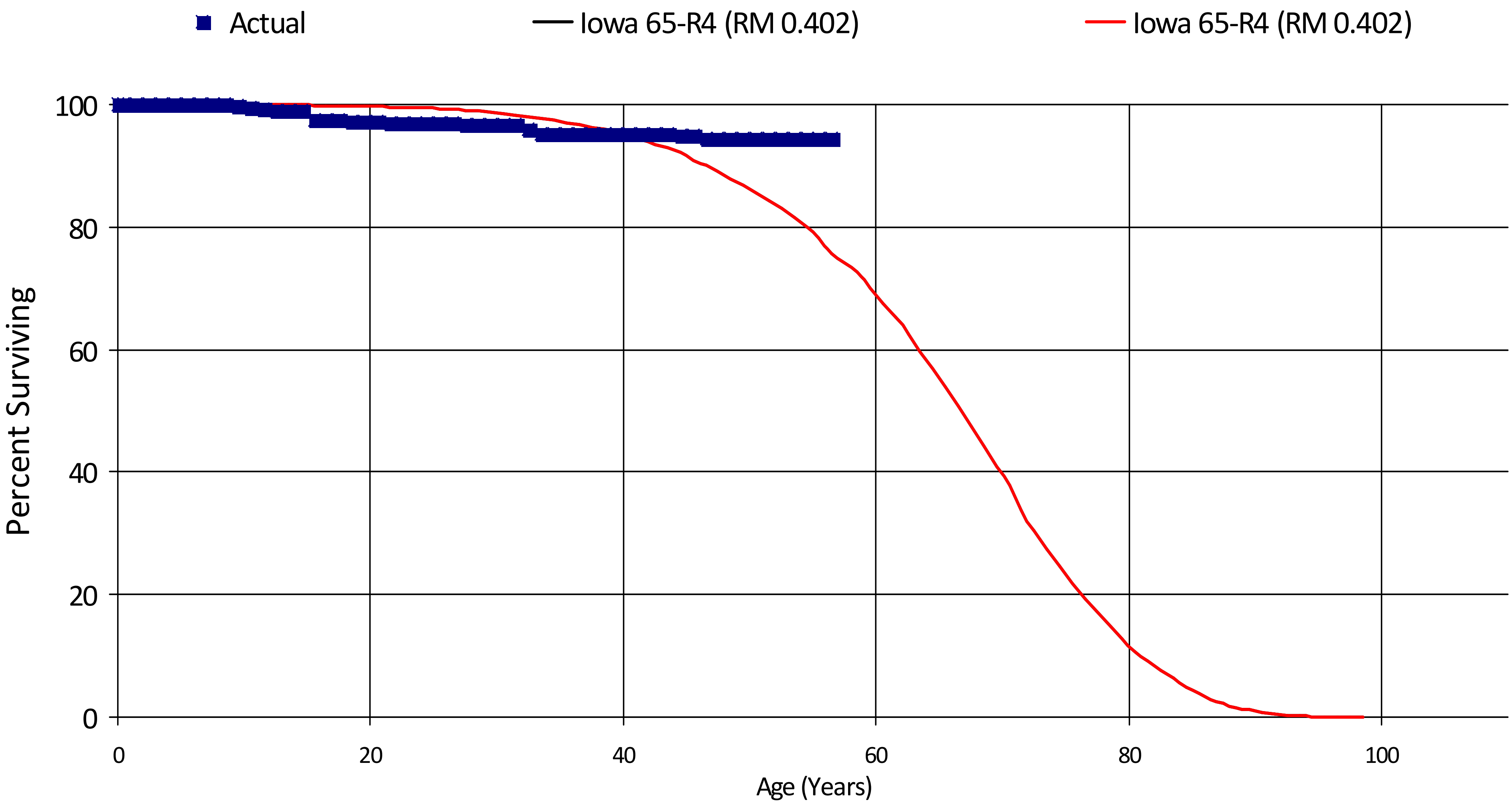
27.5	3,132,860	52,918	0.01689	0.98311	43.52
28.5	2,929,117	790,317	0.26981	0.73019	42.78
29.5	1,813,770	85,767	0.04729	0.95271	31.24
30.5	1,728,003	18,823	0.01089	0.98911	29.76
31.5	1,702,359	22,110	0.01299	0.98701	29.44
32.5	1,469,999	4,829	0.00329	0.99671	29.06
33.5	1,456,076	8,730	0.00600	0.99400	28.96
34.5	1,406,906	0	0.00000	1.00000	28.79
35.5	1,387,514	0	0.00000	1.00000	28.79
36.5	1,375,040	0	0.00000	1.00000	28.79
37.5	1,342,579	0	0.00000	1.00000	28.79
38.5	1,342,579	0	0.00000	1.00000	28.79
39.5	1,324,910	0	0.00000	1.00000	28.79
40.5	1,320,536	0	0.00000	1.00000	28.79
41.5	1,320,536	0	0.00000	1.00000	28.79
42.5	1,295,008	0	0.00000	1.00000	28.79
43.5	1,295,008	8,113	0.00626	0.99374	28.79
44.5	927,976	0	0.00000	1.00000	28.61
45.5	927,976	0	0.00000	1.00000	28.61
46.5	899,873	0	0.00000	1.00000	28.61
47.5	856,078	0	0.00000	1.00000	28.61
48.5	856,078	0	0.00000	1.00000	28.61
49.5	817,850	40,910	0.05002	0.94998	28.61
50.5	637,216	0	0.00000	1.00000	27.18
51.5	637,216	0	0.00000	1.00000	27.18
52.5	637,216	0	0.00000	1.00000	27.18
53.5	637,216	0	0.00000	1.00000	27.18
54.5	151,101	0	0.00000	1.00000	27.18
55.5	151,101	0	0.00000	1.00000	27.18
56.5	121,677	0	0.00000	1.00000	27.18
	Totals:	8,216,746			

Newfoundland and Labrador Hydro

Account T04 - Towers

Placement Band - 1967 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	139,226,294	0	0.00000	1.00000	100.00
0.5	139,072,611	0	0.00000	1.00000	100.00
1.5	139,072,611	7,600	0.00005	0.99995	100.00
2.5	139,026,968	0	0.00000	1.00000	100.00
3.5	138,980,587	39,115	0.00028	0.99972	100.00
4.5	138,913,573	0	0.00000	1.00000	99.97
5.5	138,765,849	0	0.00000	1.00000	99.97
6.5	130,228,402	2,280	0.00002	0.99998	99.97
7.5	73,916,197	17,078	0.00023	0.99977	99.97
8.5	73,708,144	177,568	0.00241	0.99759	99.95
9.5	73,530,576	232,649	0.00316	0.99684	99.71
10.5	73,297,928	195,211	0.00266	0.99734	99.39
11.5	73,077,096	171,390	0.00235	0.99765	99.13
12.5	72,905,706	0	0.00000	1.00000	98.90
13.5	72,817,810	0	0.00000	1.00000	98.90
14.5	72,810,082	989,563	0.01359	0.98641	98.90
15.5	71,820,518	0	0.00000	1.00000	97.56
16.5	71,820,518	0	0.00000	1.00000	97.56
17.5	70,322,386	236,129	0.00336	0.99664	97.56
18.5	70,086,257	44,232	0.00063	0.99937	97.23
19.5	70,042,025	0	0.00000	1.00000	97.17
20.5	67,988,888	81,674	0.00120	0.99880	97.17
21.5	63,712,211	959	0.00002	0.99998	97.05
22.5	57,176,494	3,412	0.00006	0.99994	97.05
23.5	53,112,308	30,006	0.00056	0.99944	97.04
24.5	45,419,441	23	0.00000	1.00000	96.99
25.5	44,608,172	64,654	0.00145	0.99855	96.99
26.5	44,543,518	38,423	0.00086	0.99914	96.85

Account T04 - Towers

Placement Band - 1967 - 2024 Experience Band - 1991 - 2024

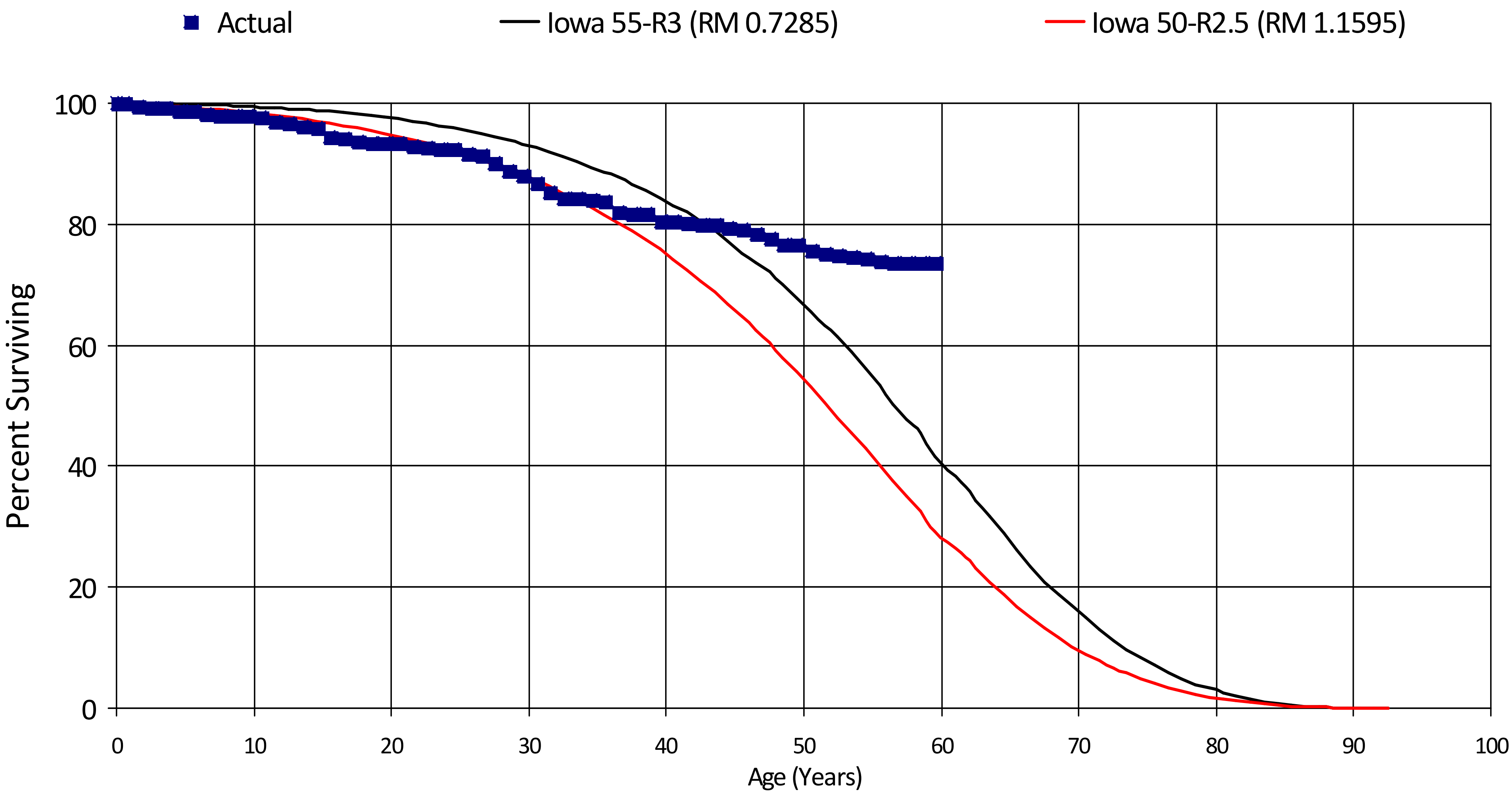
27.5	44,505,095	0	0.00000	1.00000	96.77
28.5	44,476,363	0	0.00000	1.00000	96.77
29.5	44,476,363	43,091	0.00097	0.99903	96.77
30.5	44,433,272	0	0.00000	1.00000	96.68
31.5	44,301,459	375,208	0.00847	0.99153	96.68
32.5	43,926,252	298,184	0.00679	0.99321	95.86
33.5	42,237,016	0	0.00000	1.00000	95.21
34.5	38,269,271	7,750	0.00020	0.99980	95.21
35.5	37,568,851	40,151	0.00107	0.99893	95.19
36.5	37,023,484	0	0.00000	1.00000	95.09
37.5	37,023,484	0	0.00000	1.00000	95.09
38.5	37,023,484	0	0.00000	1.00000	95.09
39.5	22,114,029	0	0.00000	1.00000	95.09
40.5	21,998,675	0	0.00000	1.00000	95.09
41.5	16,770,529	0	0.00000	1.00000	95.09
42.5	16,742,789	0	0.00000	1.00000	95.09
43.5	16,609,611	16,304	0.00098	0.99902	95.09
44.5	16,593,306	0	0.00000	1.00000	95.00
45.5	16,593,306	95,598	0.00576	0.99424	95.00
46.5	16,497,709	0	0.00000	1.00000	94.45
47.5	12,352,251	0	0.00000	1.00000	94.45
48.5	12,352,251	0	0.00000	1.00000	94.45
49.5	12,352,251	2,313	0.00019	0.99981	94.45
50.5	12,021,913	239	0.00002	0.99998	94.43
51.5	12,021,675	0	0.00000	1.00000	94.43
52.5	12,021,675	0	0.00000	1.00000	94.43
53.5	12,021,675	0	0.00000	1.00000	94.43
54.5	11,437,120	0	0.00000	1.00000	94.43
55.5	11,437,120	0	0.00000	1.00000	94.43
56.5	7,765,381	0	0.00000	1.00000	94.43
	Totals:	3,210,804			

Newfoundland and Labrador Hydro

Account T05 - Transformers - Other

Placement Band - 1964 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account T05 - Transformers - Other

Placement Band - 1964 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	204,629,665	0	0.00000	1.00000	100.00
0.5	184,953,089	1,122,652	0.00607	0.99393	100.00
1.5	175,489,280	151,750	0.00086	0.99914	99.39
2.5	168,795,953	167,011	0.00099	0.99901	99.30
3.5	163,892,808	588,995	0.00359	0.99641	99.20
4.5	158,259,398	239,588	0.00151	0.99849	98.84
5.5	150,032,609	846,569	0.00564	0.99436	98.69
6.5	140,989,825	213,556	0.00151	0.99849	98.13
7.5	133,870,670	102,855	0.00077	0.99923	97.98
8.5	116,891,087	8,554	0.00007	0.99993	97.90
9.5	107,132,691	89,019	0.00083	0.99917	97.89
10.5	96,806,635	909,218	0.00939	0.99061	97.81
11.5	90,706,970	61,604	0.00068	0.99932	96.89
12.5	85,971,318	656,629	0.00764	0.99236	96.82
13.5	83,837,773	107,246	0.00128	0.99872	96.08
14.5	82,658,364	1,246,690	0.01508	0.98492	95.96
15.5	77,811,630	270,986	0.00348	0.99652	94.51
16.5	77,134,038	457,767	0.00593	0.99407	94.18
17.5	75,838,032	76,978	0.00102	0.99898	93.62
18.5	75,497,170	46,848	0.00062	0.99938	93.52
19.5	74,846,706	72,256	0.00097	0.99903	93.46
20.5	72,910,263	309,310	0.00424	0.99576	93.37
21.5	70,746,681	159,840	0.00226	0.99774	92.97
22.5	67,990,311	187,439	0.00276	0.99724	92.76
23.5	67,350,404	71,102	0.00106	0.99894	92.50
24.5	67,058,316	502,791	0.00750	0.99250	92.40
25.5	66,313,481	183,999	0.00277	0.99723	91.71
26.5	64,039,379	879,719	0.01374	0.98626	91.46

Newfoundland and Labrador Hydro

Account T05 - Transformers - Other

Placement Band - 1964 - 2024   Experience Band - 1991 - 2024

27.5	62,982,495	984,926	0.01564	0.98436	90.20
28.5	58,990,106	531,703	0.00901	0.99099	88.79
29.5	55,744,128	830,923	0.01491	0.98509	87.99
30.5	54,576,143	913,584	0.01674	0.98326	86.68
31.5	53,180,897	558,556	0.01050	0.98950	85.23
32.5	52,172,833	35,112	0.00067	0.99933	84.34
33.5	51,568,330	110,442	0.00214	0.99786	84.28
34.5	48,551,206	127,150	0.00262	0.99738	84.10
35.5	43,472,248	921,846	0.02121	0.97879	83.88
36.5	40,896,832	138,425	0.00338	0.99662	82.10
37.5	40,391,039	20,454	0.00051	0.99949	81.82
38.5	39,031,960	592,098	0.01517	0.98483	81.78
39.5	34,820,635	54,539	0.00157	0.99843	80.54
40.5	34,701,334	84,853	0.00245	0.99755	80.41
41.5	34,252,907	84,049	0.00245	0.99755	80.21
42.5	33,719,696	46,413	0.00138	0.99862	80.01
43.5	32,490,005	165,983	0.00511	0.99489	79.90
44.5	27,442,102	97,394	0.00355	0.99645	79.49
45.5	27,174,833	237,784	0.00875	0.99125	79.21
46.5	21,607,105	267,163	0.01236	0.98764	78.52
47.5	19,179,543	206,217	0.01075	0.98925	77.55
48.5	18,698,373	20,353	0.00109	0.99891	76.72
49.5	18,360,984	216,687	0.01180	0.98820	76.64
50.5	16,962,897	110,179	0.00650	0.99350	75.74
51.5	16,825,120	93,085	0.00553	0.99447	75.25
52.5	16,042,245	28,385	0.00177	0.99823	74.83
53.5	13,794,772	60,039	0.00435	0.99565	74.70
54.5	7,329,517	60,888	0.00831	0.99169	74.38
55.5	6,050,090	3,782	0.00063	0.99937	73.76
56.5	4,886,501	0	0.00000	1.00000	73.71
57.5	1,532,711	0	0.00000	1.00000	73.71

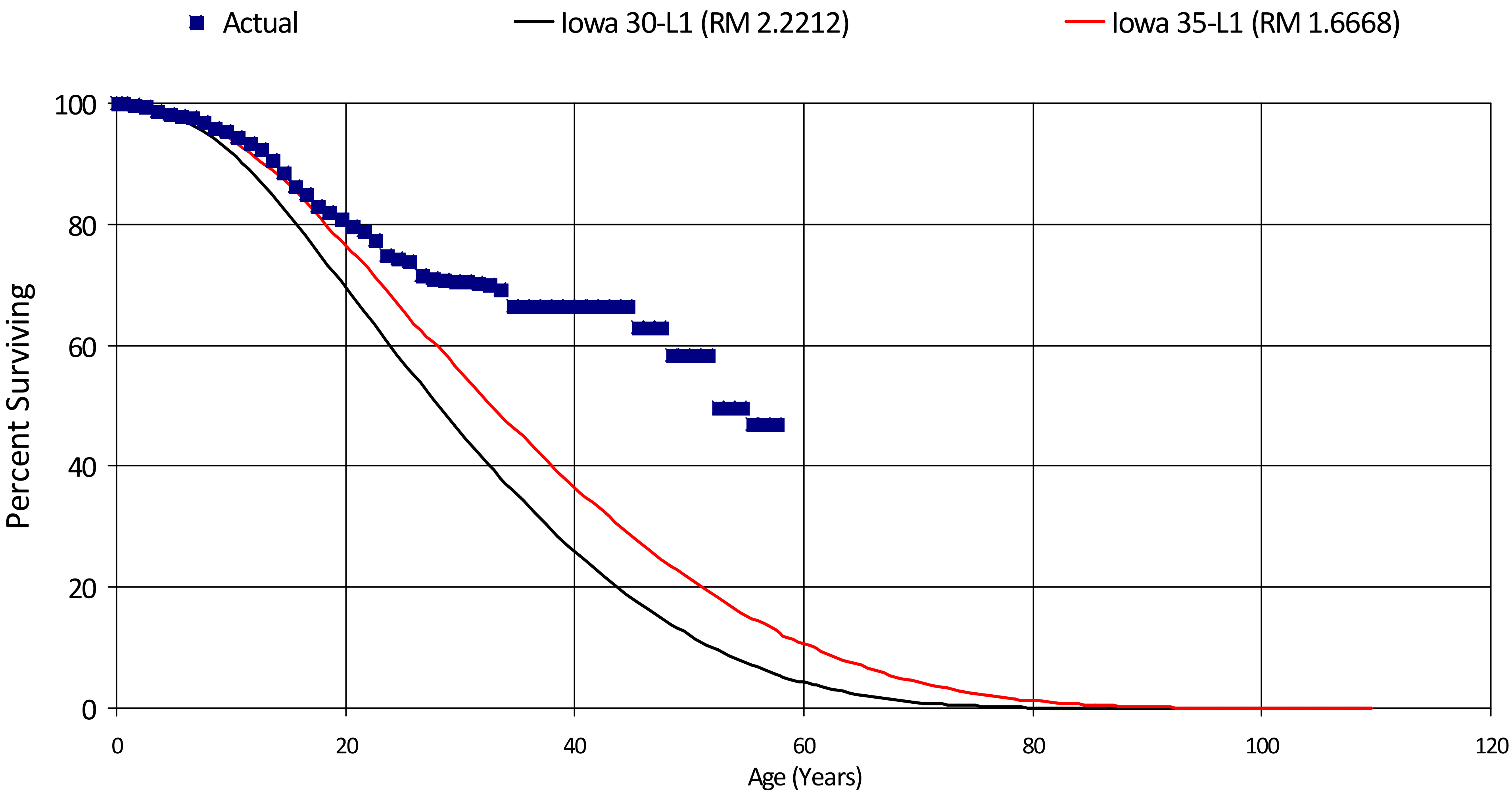
58.5	1,423,740	676	0.00047	0.99953	73.71
59.5	9,520	0	0.00000	1.00000	73.68
	Totals:	17,334,659			

Newfoundland and Labrador Hydro

Account T07 - Transformers - Pole Mounted

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account T07 - Transformers - Pole Mounted

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	65,891,557	0	0.00000	1.00000	100.00
0.5	62,562,587	219,491	0.00351	0.99649	100.00
1.5	59,186,007	148,419	0.00251	0.99749	99.65
2.5	56,579,139	429,232	0.00759	0.99241	99.40
3.5	52,665,904	163,044	0.00310	0.99690	98.65
4.5	49,544,671	134,505	0.00271	0.99729	98.34
5.5	46,193,827	157,938	0.00342	0.99658	98.07
6.5	45,332,654	391,658	0.00864	0.99136	97.73
7.5	43,740,699	389,411	0.00890	0.99110	96.89
8.5	41,865,923	308,560	0.00737	0.99263	96.03
9.5	39,084,155	375,658	0.00961	0.99039	95.32
10.5	35,407,511	331,658	0.00937	0.99063	94.40
11.5	27,595,549	328,231	0.01189	0.98811	93.52
12.5	25,468,049	527,542	0.02071	0.97929	92.41
13.5	22,637,601	506,126	0.02236	0.97764	90.50
14.5	20,685,454	483,419	0.02337	0.97663	88.48
15.5	18,568,917	286,762	0.01544	0.98456	86.41
16.5	17,236,693	407,896	0.02366	0.97634	85.08
17.5	15,582,089	204,202	0.01310	0.98690	83.07
18.5	14,431,266	179,047	0.01241	0.98759	81.98
19.5	13,275,614	186,206	0.01403	0.98597	80.96
20.5	12,299,704	154,378	0.01255	0.98745	79.82
21.5	11,177,443	204,742	0.01832	0.98168	78.82
22.5	10,162,921	334,011	0.03287	0.96713	77.38
23.5	9,201,143	72,292	0.00786	0.99214	74.84
24.5	8,444,705	39,725	0.00470	0.99530	74.25
25.5	7,724,268	238,395	0.03086	0.96914	73.90
26.5	6,881,437	45,229	0.00657	0.99343	71.62

Newfoundland and Labrador Hydro

Account T07 - Transformers - Pole Mounted

Placement Band - 1965 - 2024 Experience Band - 1991 - 2024

27.5	5,710,995	25,891	0.00453	0.99547	71.15
28.5	4,798,183	18,702	0.00390	0.99610	70.83
29.5	4,197,879	6,434	0.00153	0.99847	70.55
30.5	3,909,085	9,882	0.00253	0.99747	70.44
31.5	3,603,621	6,892	0.00191	0.99809	70.26
32.5	2,733,798	30,003	0.01097	0.98903	70.13
33.5	2,434,147	96,164	0.03951	0.96049	69.36
34.5	2,070,436	46	0.00002	0.99998	66.62
35.5	1,837,784	0	0.00000	1.00000	66.62
36.5	1,710,350	0	0.00000	1.00000	66.62
37.5	1,253,413	2,708	0.00216	0.99784	66.62
38.5	1,085,091	224	0.00021	0.99979	66.48
39.5	938,125	1,253	0.00134	0.99866	66.47
40.5	790,498	0	0.00000	1.00000	66.38
41.5	578,912	0	0.00000	1.00000	66.38
42.5	453,752	0	0.00000	1.00000	66.38
43.5	66,437	0	0.00000	1.00000	66.38
44.5	66,437	3,526	0.05307	0.94693	66.38
45.5	62,588	0	0.00000	1.00000	62.86
46.5	51,704	0	0.00000	1.00000	62.86
47.5	51,704	3,592	0.06947	0.93053	62.86
48.5	48,112	0	0.00000	1.00000	58.49
49.5	48,112	0	0.00000	1.00000	58.49
50.5	48,112	0	0.00000	1.00000	58.49
51.5	48,112	7,184	0.14932	0.85068	58.49
52.5	40,928	0	0.00000	1.00000	49.76
53.5	40,928	0	0.00000	1.00000	49.76
54.5	16,034	925	0.05769	0.94231	49.76
55.5	15,109	0	0.00000	1.00000	46.89
56.5	11,603	0	0.00000	1.00000	46.89
57.5	0	0	0.00000	0.00000	46.89

Newfoundland and Labrador Hydro

Account T07 - Transformers - Pole Mounted

Placement Band - 1965 - 2024   Experience Band - 1991 - 2024

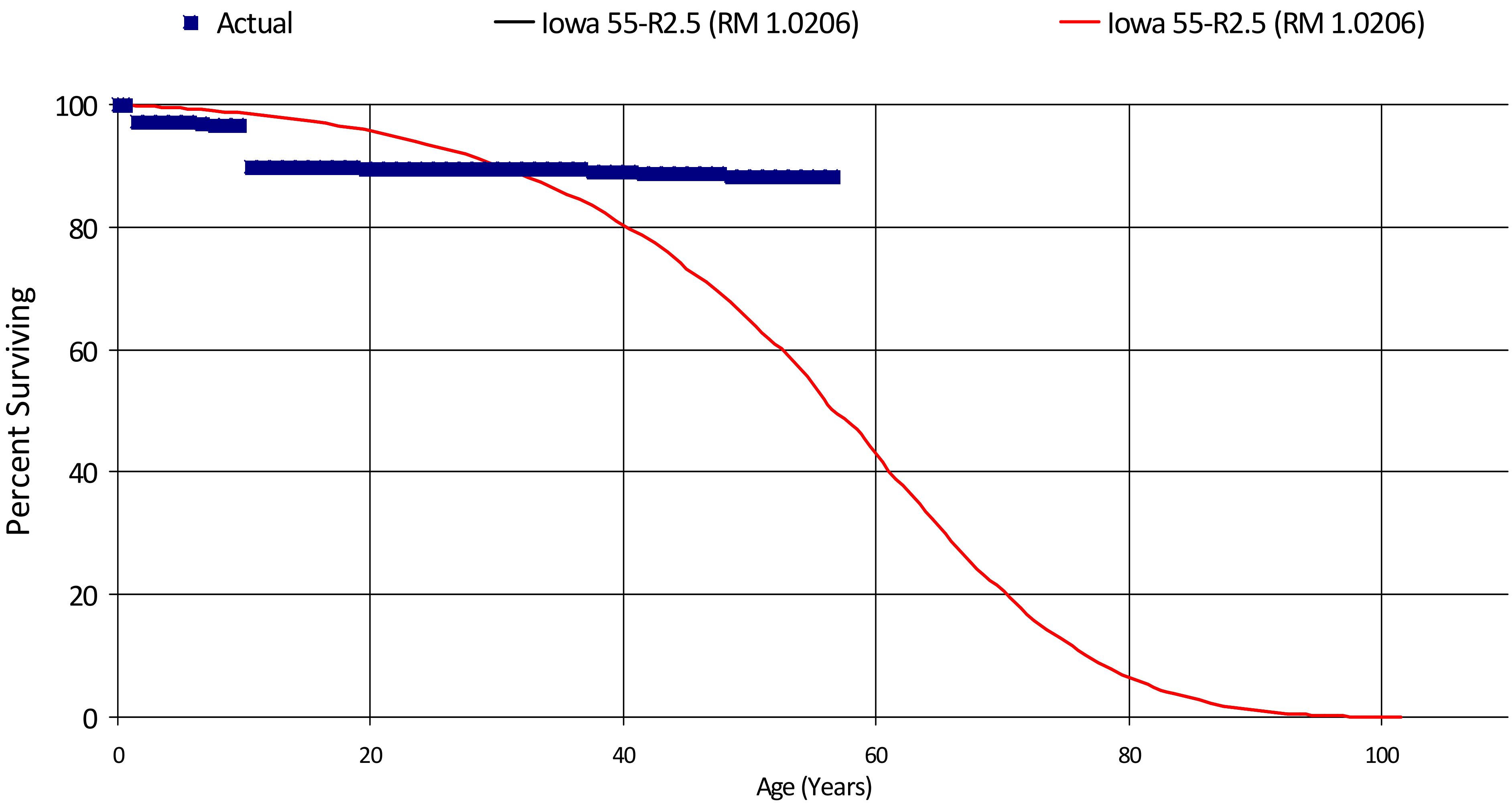
Totals:	7,461,203

Newfoundland and Labrador Hydro

Account T09 - Turbines

Placement Band - 1967 - 2024   Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



Account T09 - Turbines

Placement Band - 1967 - 2024   Experience Band - 1999 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	80,126,062	0	0.00000	1.00000	100.00
0.5	80,029,707	2,215,837	0.02769	0.97231	100.00
1.5	77,703,580	0	0.00000	1.00000	97.23
2.5	77,703,580	0	0.00000	1.00000	97.23
3.5	77,703,580	0	0.00000	1.00000	97.23
4.5	77,703,580	0	0.00000	1.00000	97.23
5.5	73,559,746	134,338	0.00183	0.99817	97.23
6.5	71,650,023	214,388	0.00299	0.99701	97.05
7.5	69,612,446	0	0.00000	1.00000	96.76
8.5	68,099,835	0	0.00000	1.00000	96.76
9.5	65,193,705	4,678,499	0.07176	0.92824	96.76
10.5	60,225,656	0	0.00000	1.00000	89.82
11.5	57,991,237	0	0.00000	1.00000	89.82
12.5	57,991,237	0	0.00000	1.00000	89.82
13.5	57,991,237	0	0.00000	1.00000	89.82
14.5	57,991,237	0	0.00000	1.00000	89.82
15.5	57,924,067	0	0.00000	1.00000	89.82
16.5	57,924,067	0	0.00000	1.00000	89.82
17.5	57,924,067	0	0.00000	1.00000	89.82
18.5	57,924,067	139,945	0.00242	0.99758	89.82
19.5	57,784,121	0	0.00000	1.00000	89.60
20.5	57,784,121	0	0.00000	1.00000	89.60
21.5	46,007,792	0	0.00000	1.00000	89.60
22.5	46,007,792	0	0.00000	1.00000	89.60
23.5	46,007,792	0	0.00000	1.00000	89.60
24.5	46,007,792	0	0.00000	1.00000	89.60
25.5	46,007,792	0	0.00000	1.00000	89.60
26.5	46,007,792	0	0.00000	1.00000	89.60

Newfoundland and Labrador Hydro

Account T09 - Turbines

Placement Band - 1967 - 2024 Experience Band - 1999 - 2024

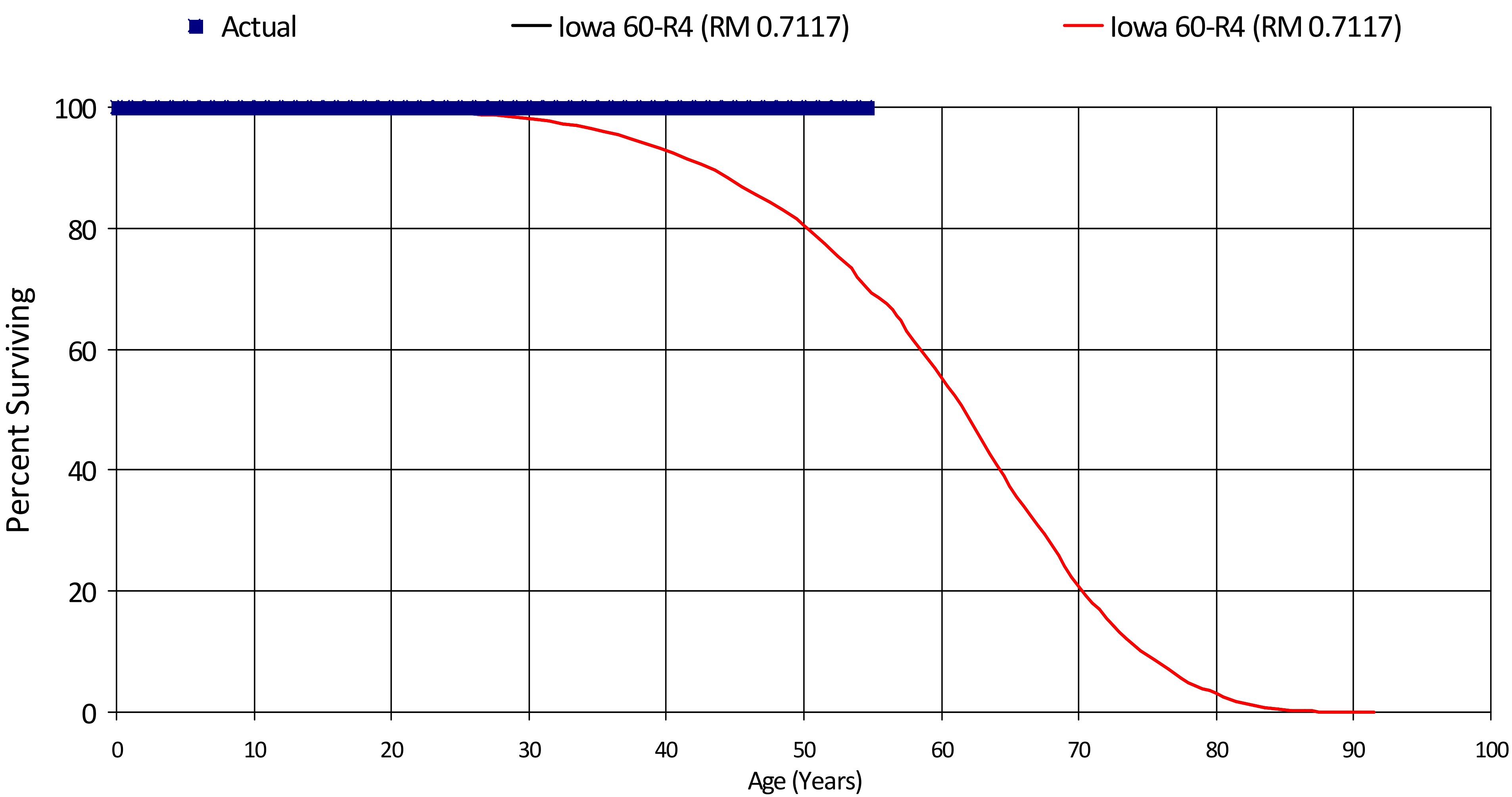
27.5	46,007,792	0	0.00000	1.00000	89.60
28.5	46,007,792	0	0.00000	1.00000	89.60
29.5	46,007,792	0	0.00000	1.00000	89.60
30.5	46,007,792	0	0.00000	1.00000	89.60
31.5	46,007,792	0	0.00000	1.00000	89.60
32.5	46,007,792	0	0.00000	1.00000	89.60
33.5	46,007,792	0	0.00000	1.00000	89.60
34.5	46,007,792	0	0.00000	1.00000	89.60
35.5	44,420,617	0	0.00000	1.00000	89.60
36.5	37,510,781	209,025	0.00557	0.99443	89.60
37.5	37,292,863	51,384	0.00138	0.99862	89.10
38.5	37,241,479	0	0.00000	1.00000	88.98
39.5	26,601,298	0	0.00000	1.00000	88.98
40.5	26,601,298	20,961	0.00079	0.99921	88.98
41.5	26,533,561	0	0.00000	1.00000	88.91
42.5	19,466,294	5,339	0.00027	0.99973	88.91
43.5	19,460,955	5,339	0.00027	0.99973	88.89
44.5	16,667,376	8,333	0.00050	0.99950	88.87
45.5	16,659,043	10,874	0.00065	0.99935	88.83
46.5	12,405,498	4,592	0.00037	0.99963	88.77
47.5	12,186,661	43,789	0.00359	0.99641	88.74
48.5	12,142,872	0	0.00000	1.00000	88.42
49.5	12,040,999	0	0.00000	1.00000	88.42
50.5	12,040,999	0	0.00000	1.00000	88.42
51.5	12,040,999	2,954	0.00025	0.99975	88.42
52.5	12,038,045	1,949	0.00016	0.99984	88.40
53.5	12,010,095	0	0.00000	1.00000	88.39
54.5	10,347,444	0	0.00000	1.00000	88.39
55.5	10,347,444	1,233	0.00012	0.99988	88.39
56.5	1,738,806	0	0.00000	1.00000	88.38
	Totals:	7,748,779			

Newfoundland and Labrador Hydro

Account V01 - Vacuum Cleaning System

Placement Band - 1969 - 2024   Experience Band - 2024 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account V01 - Vacuum Cleaning System

Placement Band - 1969 - 2024   Experience Band - 2024 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	72,451	0	0.00000	1.00000	100.00
0.5	72,451	0	0.00000	1.00000	100.00
1.5	72,451	0	0.00000	1.00000	100.00
2.5	72,451	0	0.00000	1.00000	100.00
3.5	72,451	0	0.00000	1.00000	100.00
4.5	72,451	0	0.00000	1.00000	100.00
5.5	72,451	0	0.00000	1.00000	100.00
6.5	72,451	0	0.00000	1.00000	100.00
7.5	72,451	0	0.00000	1.00000	100.00
8.5	72,451	0	0.00000	1.00000	100.00
9.5	72,451	0	0.00000	1.00000	100.00
10.5	72,451	0	0.00000	1.00000	100.00
11.5	72,451	0	0.00000	1.00000	100.00
12.5	72,451	0	0.00000	1.00000	100.00
13.5	72,451	0	0.00000	1.00000	100.00
14.5	72,451	0	0.00000	1.00000	100.00
15.5	72,451	0	0.00000	1.00000	100.00
16.5	72,451	0	0.00000	1.00000	100.00
17.5	72,451	0	0.00000	1.00000	100.00
18.5	72,451	0	0.00000	1.00000	100.00
19.5	72,451	0	0.00000	1.00000	100.00
20.5	72,451	0	0.00000	1.00000	100.00
21.5	72,451	0	0.00000	1.00000	100.00
22.5	72,451	0	0.00000	1.00000	100.00
23.5	72,451	0	0.00000	1.00000	100.00
24.5	72,451	0	0.00000	1.00000	100.00
25.5	72,451	0	0.00000	1.00000	100.00
26.5	72,451	0	0.00000	1.00000	100.00

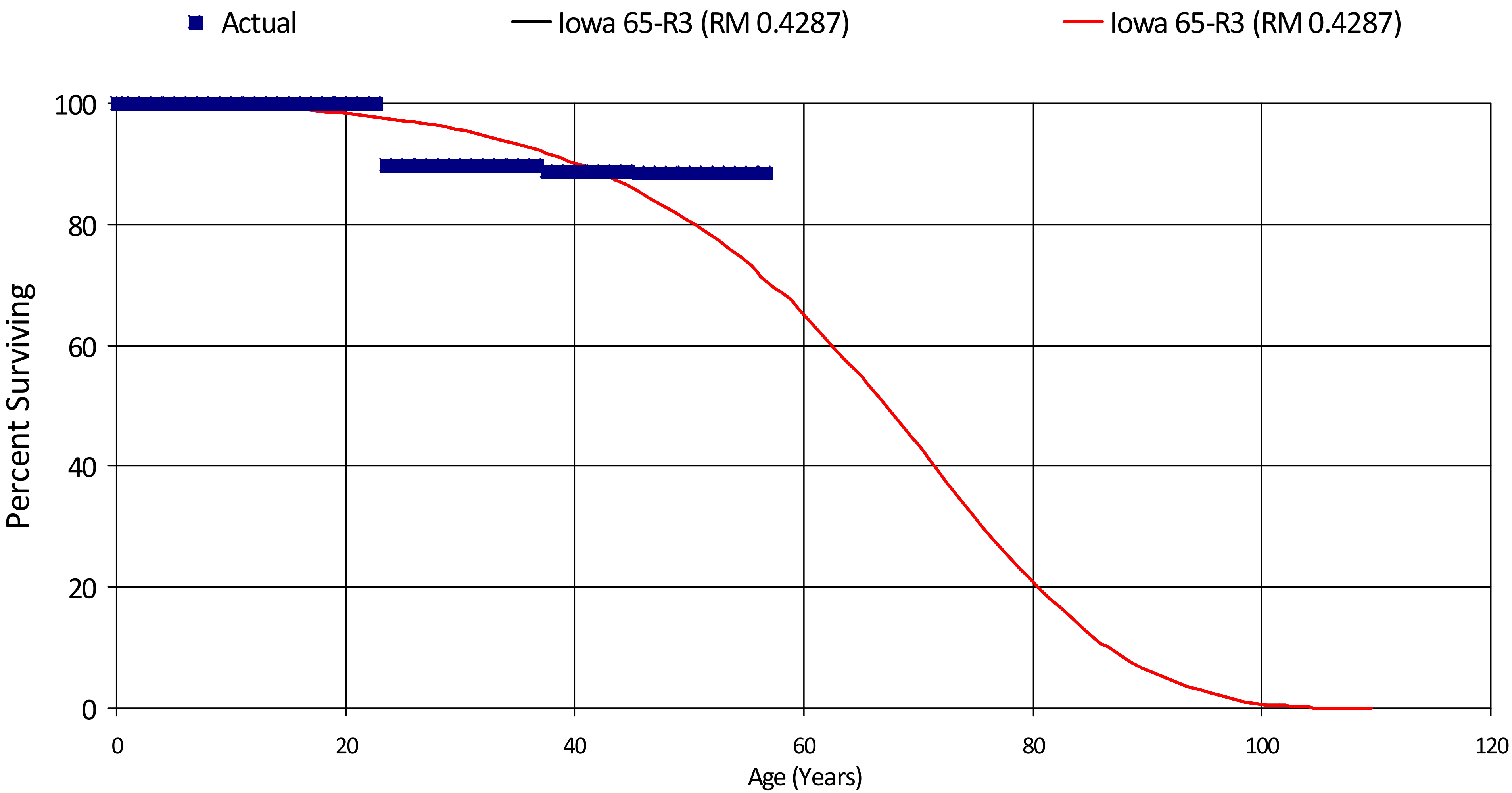
27.5	72,451	0	0.00000	1.00000	100.00
28.5	72,451	0	0.00000	1.00000	100.00
29.5	72,451	0	0.00000	1.00000	100.00
30.5	72,451	0	0.00000	1.00000	100.00
31.5	72,451	0	0.00000	1.00000	100.00
32.5	72,451	0	0.00000	1.00000	100.00
33.5	72,451	0	0.00000	1.00000	100.00
34.5	72,451	0	0.00000	1.00000	100.00
35.5	72,451	0	0.00000	1.00000	100.00
36.5	72,451	0	0.00000	1.00000	100.00
37.5	72,451	0	0.00000	1.00000	100.00
38.5	72,451	0	0.00000	1.00000	100.00
39.5	72,451	0	0.00000	1.00000	100.00
40.5	72,451	0	0.00000	1.00000	100.00
41.5	72,451	0	0.00000	1.00000	100.00
42.5	72,451	0	0.00000	1.00000	100.00
43.5	72,451	0	0.00000	1.00000	100.00
44.5	23,574	0	0.00000	1.00000	100.00
45.5	23,574	0	0.00000	1.00000	100.00
46.5	23,574	0	0.00000	1.00000	100.00
47.5	23,574	0	0.00000	1.00000	100.00
48.5	23,574	0	0.00000	1.00000	100.00
49.5	23,574	0	0.00000	1.00000	100.00
50.5	23,574	0	0.00000	1.00000	100.00
51.5	23,574	0	0.00000	1.00000	100.00
52.5	23,574	0	0.00000	1.00000	100.00
53.5	23,574	0	0.00000	1.00000	100.00
54.5	23,574	0	0.00000	1.00000	100.00
	Totals:	0			

Newfoundland and Labrador Hydro

Account V02 - Valves - Penstock

Placement Band - 1967 - 2024 Experience Band - 2005 - 2024

Actual and Smooth Survivor Curves



Account V02 - Valves - Penstock

Placement Band - 1967 - 2024   Experience Band - 2005 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	8,813,478	0	0.00000	1.00000	100.00
0.5	8,788,147	0	0.00000	1.00000	100.00
1.5	8,788,147	0	0.00000	1.00000	100.00
2.5	8,322,632	0	0.00000	1.00000	100.00
3.5	8,322,632	0	0.00000	1.00000	100.00
4.5	8,322,632	0	0.00000	1.00000	100.00
5.5	8,322,632	0	0.00000	1.00000	100.00
6.5	8,322,632	0	0.00000	1.00000	100.00
7.5	8,322,632	0	0.00000	1.00000	100.00
8.5	8,063,196	0	0.00000	1.00000	100.00
9.5	7,842,689	0	0.00000	1.00000	100.00
10.5	7,842,689	0	0.00000	1.00000	100.00
11.5	7,842,689	0	0.00000	1.00000	100.00
12.5	7,842,689	0	0.00000	1.00000	100.00
13.5	7,842,689	0	0.00000	1.00000	100.00
14.5	7,842,689	6,433	0.00082	0.99918	100.00
15.5	7,836,255	0	0.00000	1.00000	99.92
16.5	5,961,078	0	0.00000	1.00000	99.92
17.5	5,831,282	0	0.00000	1.00000	99.92
18.5	5,654,384	1,982	0.00035	0.99965	99.92
19.5	5,440,085	0	0.00000	1.00000	99.89
20.5	5,228,733	0	0.00000	1.00000	99.89
21.5	4,995,784	0	0.00000	1.00000	99.89
22.5	4,995,784	497,499	0.09958	0.90042	99.89
23.5	4,315,096	0	0.00000	1.00000	89.94
24.5	4,315,096	0	0.00000	1.00000	89.94
25.5	4,315,096	0	0.00000	1.00000	89.94
26.5	4,315,096	0	0.00000	1.00000	89.94

Account V02 - Valves - Penstock

Placement Band - 1967 - 2024 Experience Band - 2005 - 2024

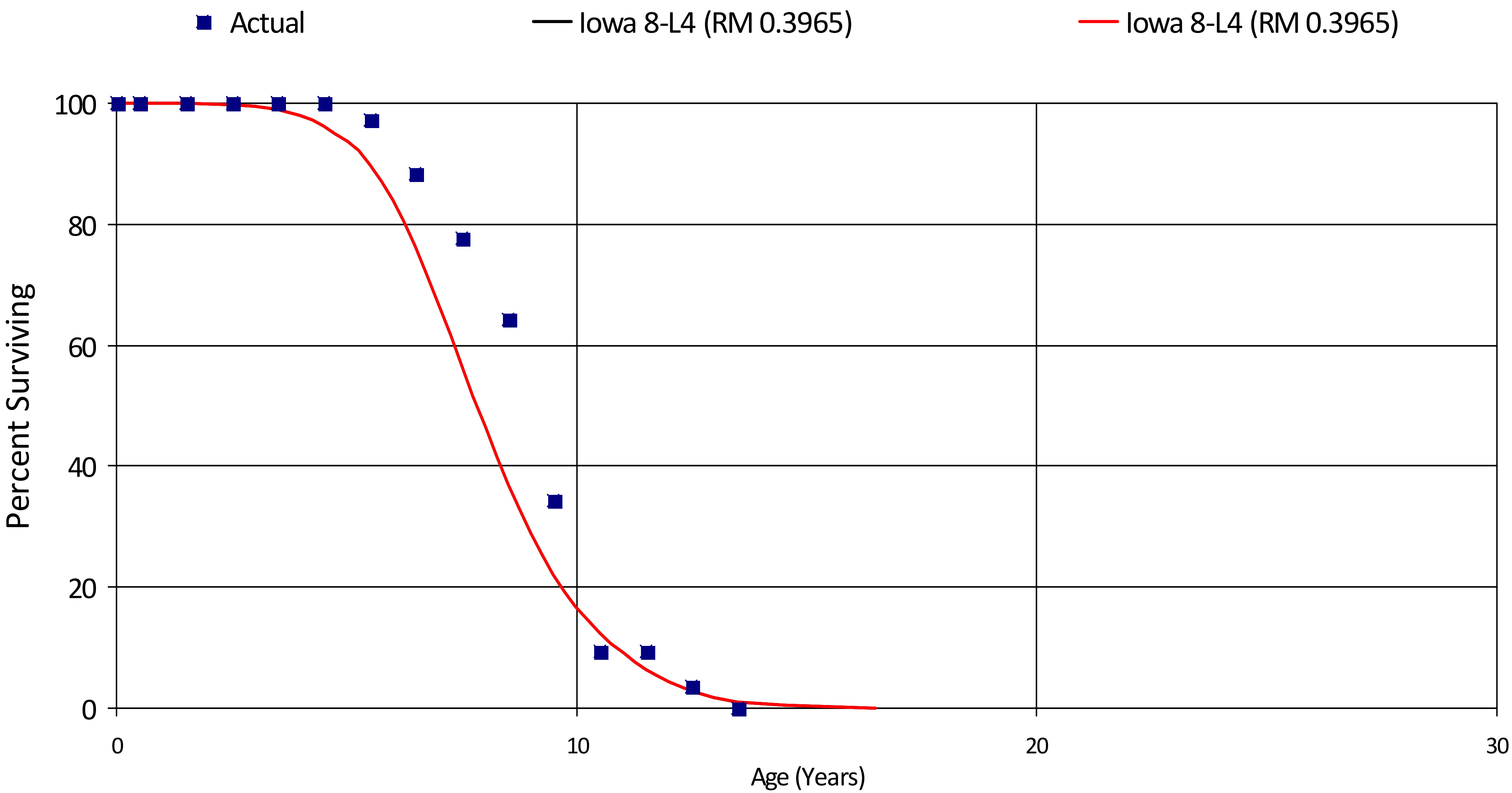
27.5	4,315,096	0	0.00000	1.00000	89.94
28.5	4,315,096	0	0.00000	1.00000	89.94
29.5	4,315,096	0	0.00000	1.00000	89.94
30.5	4,315,096	0	0.00000	1.00000	89.94
31.5	4,315,096	0	0.00000	1.00000	89.94
32.5	4,315,096	0	0.00000	1.00000	89.94
33.5	4,315,096	0	0.00000	1.00000	89.94
34.5	4,315,096	0	0.00000	1.00000	89.94
35.5	4,315,096	0	0.00000	1.00000	89.94
36.5	4,312,663	51,267	0.01189	0.98811	89.94
37.5	4,261,397	0	0.00000	1.00000	88.87
38.5	4,261,397	0	0.00000	1.00000	88.87
39.5	2,111,625	0	0.00000	1.00000	88.87
40.5	2,111,625	0	0.00000	1.00000	88.87
41.5	2,111,625	0	0.00000	1.00000	88.87
42.5	2,089,406	0	0.00000	1.00000	88.87
43.5	2,089,406	0	0.00000	1.00000	88.87
44.5	2,089,406	8,672	0.00415	0.99585	88.87
45.5	2,080,734	0	0.00000	1.00000	88.50
46.5	2,080,734	0	0.00000	1.00000	88.50
47.5	1,976,734	0	0.00000	1.00000	88.50
48.5	1,976,734	0	0.00000	1.00000	88.50
49.5	1,962,433	0	0.00000	1.00000	88.50
50.5	1,962,433	0	0.00000	1.00000	88.50
51.5	1,962,433	0	0.00000	1.00000	88.50
52.5	1,962,433	0	0.00000	1.00000	88.50
53.5	1,962,433	0	0.00000	1.00000	88.50
54.5	1,415,205	0	0.00000	1.00000	88.50
55.5	1,415,205	0	0.00000	1.00000	88.50
56.5	1,415,205	0	0.00000	1.00000	88.50
	Totals:	565,853			

Newfoundland and Labrador Hydro

Account V03 - Vehicles - 1 Ton

Placement Band - 1981 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Newfoundland and Labrador Hydro

Account V03 - Vehicles - 1 Ton

Placement Band - 1981 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

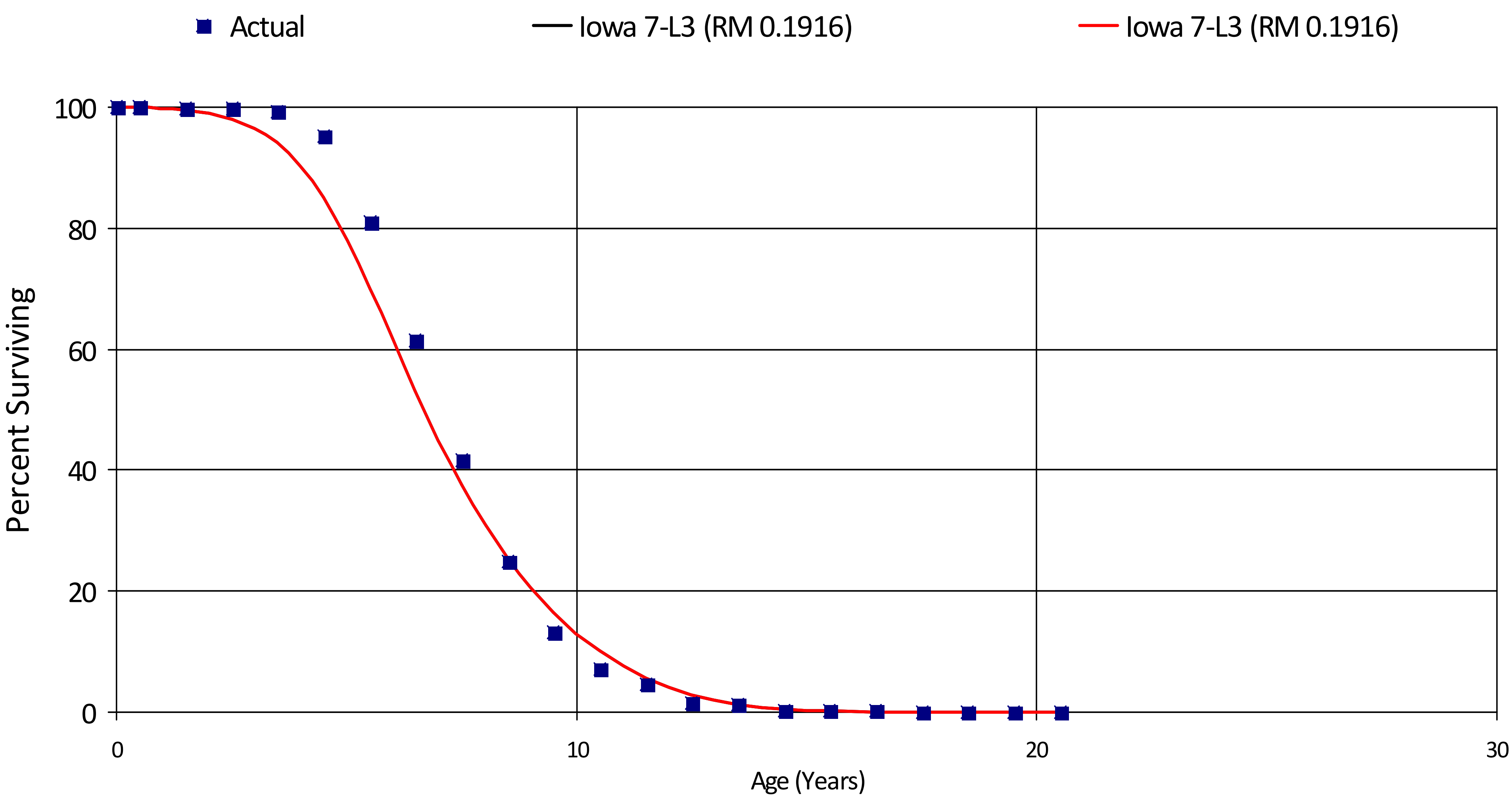
Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	487,464	0	0.00000	1.00000	100.00
0.5	487,464	0	0.00000	1.00000	100.00
1.5	487,464	0	0.00000	1.00000	100.00
2.5	487,464	0	0.00000	1.00000	100.00
3.5	487,464	0	0.00000	1.00000	100.00
4.5	487,464	13,283	0.02725	0.97275	100.00
5.5	474,181	44,240	0.09330	0.90670	97.28
6.5	379,350	45,392	0.11966	0.88034	88.20
7.5	329,499	56,766	0.17228	0.82772	77.65
8.5	219,662	102,809	0.46803	0.53197	64.27
9.5	116,853	85,139	0.72860	0.27140	34.19
10.5	31,715	0	0.00000	1.00000	9.28
11.5	31,715	19,876	0.62671	0.37329	9.28
12.5	11,838	11,838	0.99999	0.00001	3.46
13.5	0	0	0.00000	0.00000	0.00
	Totals:	379,343			

Newfoundland and Labrador Hydro

Account V04 - Vehicles - 3/4 Ton and Under

Placement Band - 1977 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account V04 - Vehicles - 3/4 Ton and Under

Placement Band - 1977 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

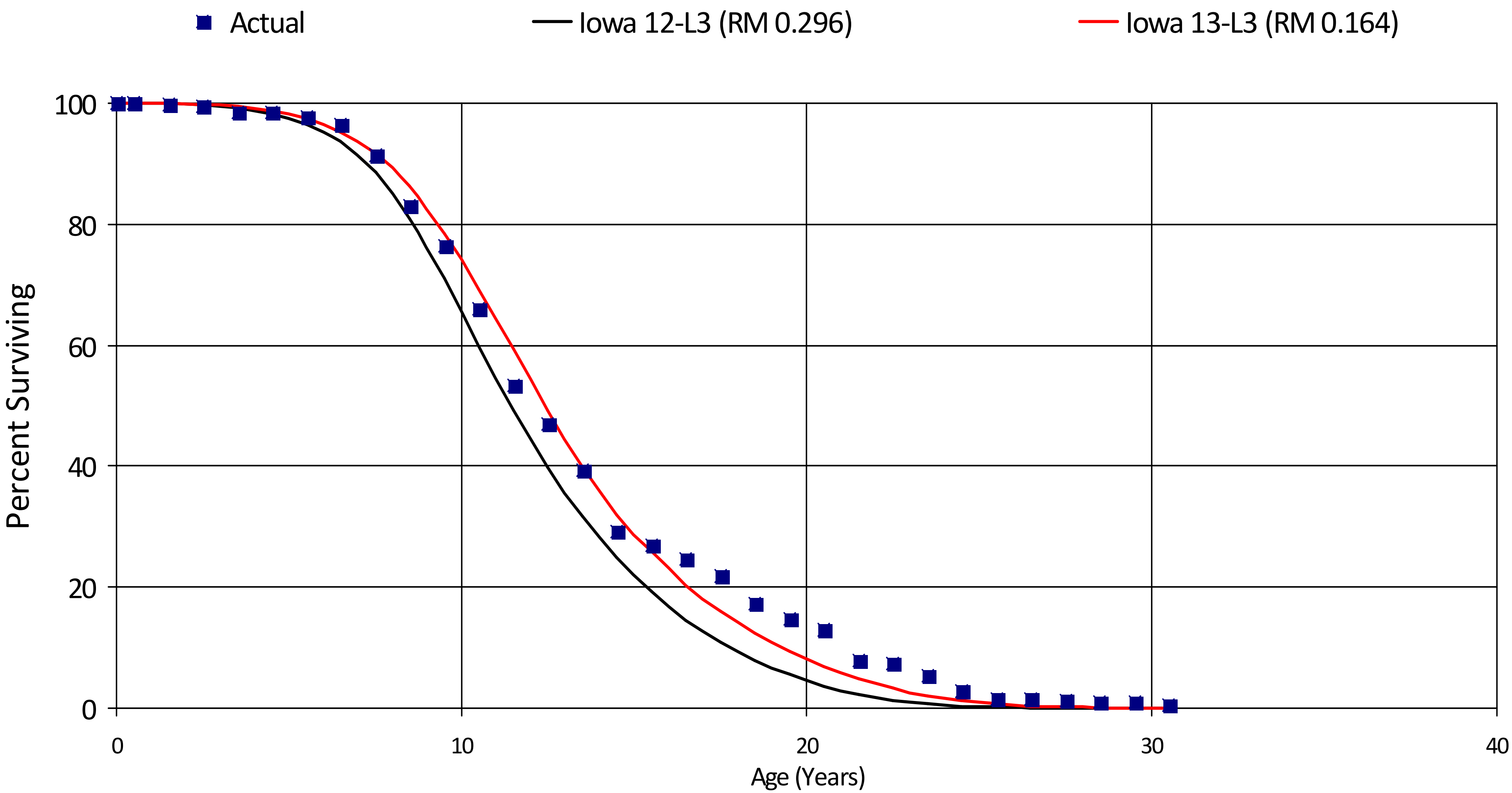
Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	24,541,560	0	0.00000	1.00000	100.00
0.5	22,299,374	32,329	0.00145	0.99855	100.00
1.5	19,338,434	37,184	0.00192	0.99808	99.86
2.5	17,961,911	95,361	0.00531	0.99469	99.67
3.5	17,283,857	676,628	0.03915	0.96085	99.14
4.5	16,598,901	2,477,007	0.14923	0.85077	95.26
5.5	13,135,100	3,196,895	0.24339	0.75661	81.04
6.5	9,379,383	3,000,033	0.31985	0.68015	61.32
7.5	5,602,800	2,262,459	0.40381	0.59619	41.71
8.5	2,706,251	1,259,871	0.46554	0.53446	24.87
9.5	1,078,110	504,390	0.46785	0.53215	13.29
10.5	537,494	198,907	0.37006	0.62994	7.07
11.5	303,560	192,828	0.63522	0.36478	4.45
12.5	101,089	20,642	0.20420	0.79580	1.62
13.5	80,446	62,639	0.77864	0.22136	1.29
14.5	17,807	0	0.00000	1.00000	0.29
15.5	17,807	2,532	0.14219	0.85781	0.29
16.5	15,275	8,795	0.57577	0.42423	0.25
17.5	6,480	0	0.00000	1.00000	0.11
18.5	6,480	4,537	0.70018	0.29982	0.11
19.5	1,943	1,943	0.99992	0.00008	0.03
20.5	0	0	0.00000	0.00000	0.00
	Totals:	14,034,980			

Newfoundland and Labrador Hydro

Account V05 - Vehicles - Booms / Bodies / Cranes / Cab / Chassis

Placement Band - 1971 - 2024   Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



Account V05 - Vehicles - Booms / Bodies / Cranes / Cab / Chassis

Placement Band - 1971 - 2024   Experience Band - 1991 - 2024

RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	36,166,024	0	0.00000	1.00000	100.00
0.5	32,512,978	68,025	0.00209	0.99791	100.00
1.5	30,150,755	84,894	0.00282	0.99718	99.79
2.5	28,712,155	290,756	0.01013	0.98987	99.51
3.5	27,660,258	15,155	0.00055	0.99945	98.50
4.5	26,476,659	202,273	0.00764	0.99236	98.45
5.5	25,740,644	333,819	0.01297	0.98703	97.70
6.5	23,629,902	1,211,410	0.05127	0.94873	96.43
7.5	21,863,691	2,028,232	0.09277	0.90723	91.49
8.5	19,835,453	1,585,594	0.07994	0.92006	83.00
9.5	15,530,311	2,094,942	0.13489	0.86511	76.36
10.5	12,601,324	2,430,912	0.19291	0.80709	66.06
11.5	9,457,995	1,149,749	0.12156	0.87844	53.32
12.5	7,467,829	1,187,464	0.15901	0.84099	46.84
13.5	4,974,600	1,281,635	0.25764	0.74236	39.39
14.5	3,599,274	301,192	0.08368	0.91632	29.24
15.5	3,044,404	235,908	0.07749	0.92251	26.79
16.5	2,351,297	283,259	0.12047	0.87953	24.71
17.5	1,624,088	332,219	0.20456	0.79544	21.73
18.5	1,291,869	185,539	0.14362	0.85638	17.28
19.5	1,069,330	129,020	0.12066	0.87934	14.80
20.5	940,310	369,877	0.39336	0.60664	13.01
21.5	551,486	31,815	0.05769	0.94231	7.89
22.5	519,671	149,068	0.28685	0.71315	7.43
23.5	370,603	183,466	0.49505	0.50495	5.30
24.5	187,137	80,847	0.43202	0.56798	2.68
25.5	106,290	6,157	0.05793	0.94207	1.52
26.5	100,133	11,503	0.11488	0.88512	1.43

Account V05 - Vehicles - Booms / Bodies / Cranes / Cab / Chassis

Placement Band - 1971 - 2024   Experience Band - 1991 - 2024

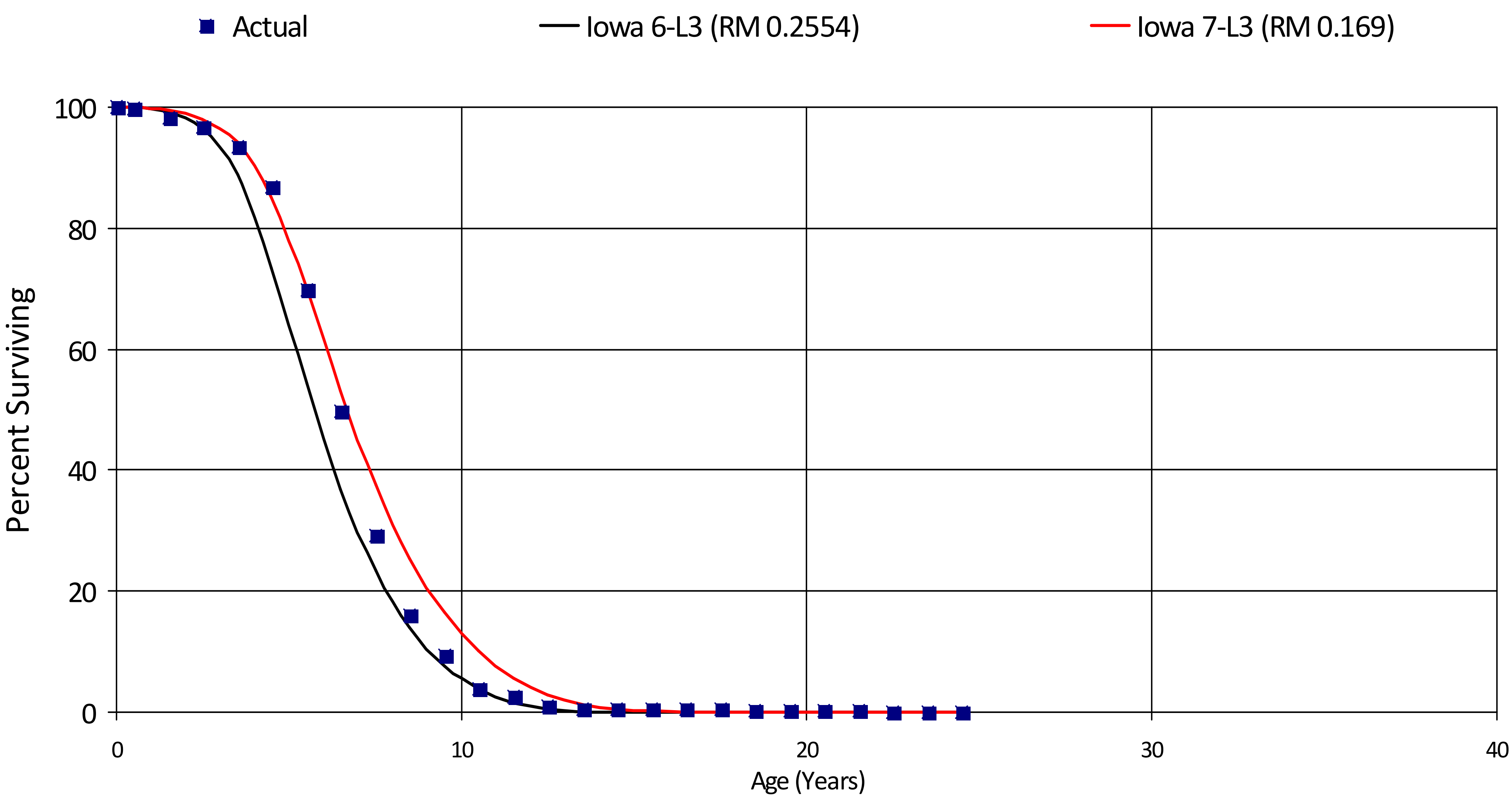
27.5	88,629	16,230	0.18312	0.81688	1.27
28.5	72,399	0	0.00000	1.00000	1.04
29.5	72,399	44,189	0.61035	0.38965	1.04
30.5	28,210	28,210	1.00000		0.41
	Totals:	16,353,359			

Newfoundland and Labrador Hydro

Account V06 - Vehicles - Cars, Station Wagons, and Vans

Placement Band - 1974 - 2024 Experience Band - 1991 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

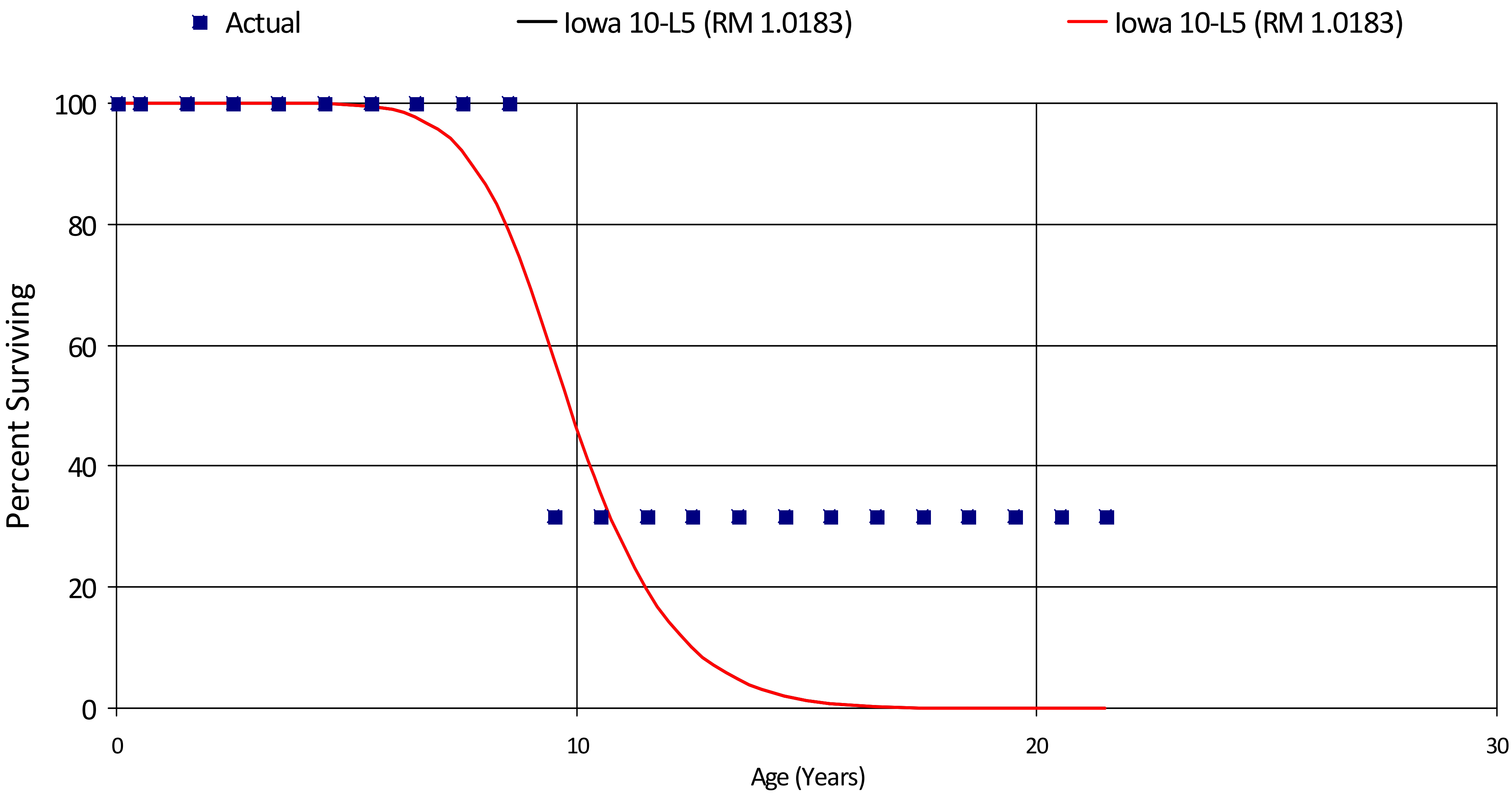
Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	11,226,258	34,490	0.00307	0.99693	100.00
0.5	10,816,029	150,355	0.01390	0.98610	99.69
1.5	10,481,212	159,717	0.01524	0.98476	98.30
2.5	10,071,034	343,570	0.03411	0.96589	96.80
3.5	9,566,030	684,758	0.07158	0.92842	93.50
4.5	8,881,271	1,750,539	0.19710	0.80290	86.81
5.5	7,050,733	2,024,921	0.28719	0.71281	69.70
6.5	4,901,302	2,026,587	0.41348	0.58652	49.68
7.5	2,521,473	1,139,177	0.45179	0.54821	29.14
8.5	1,310,833	535,966	0.40887	0.59113	15.97
9.5	751,144	455,693	0.60667	0.39333	9.44
10.5	223,169	70,150	0.31434	0.68566	3.71
11.5	153,019	90,800	0.59339	0.40661	2.54
12.5	39,172	17,951	0.45826	0.54174	1.03
13.5	21,221	0	0.00000	1.00000	0.56
14.5	21,221	0	0.00000	1.00000	0.56
15.5	21,221	2,230	0.10508	0.89492	0.56
16.5	18,991	0	0.00000	1.00000	0.50
17.5	18,991	12,282	0.64673	0.35327	0.50
18.5	6,709	0	0.00000	1.00000	0.18
19.5	6,709	0	0.00000	1.00000	0.18
20.5	6,709	0	0.00000	1.00000	0.18
21.5	6,709	6,208	0.92527	0.07473	0.18
22.5	502	0	0.00000	1.00000	0.01
23.5	502	502	1.00034	-0.00034	0.01
24.5	0	0	0.00000	0.00000	0.00
	Totals:	9,505,896			

Newfoundland and Labrador Hydro

Account V07 - Vehicles - Dump Trucks

Placement Band - 1989 - 2024   Experience Band - 1998 - 2024

Actual and Smooth Survivor Curves



Account V07 - Vehicles - Dump Trucks

Placement Band - 1989 - 2024   Experience Band - 1998 - 2024

RETIREMENT RATE ANALYSIS

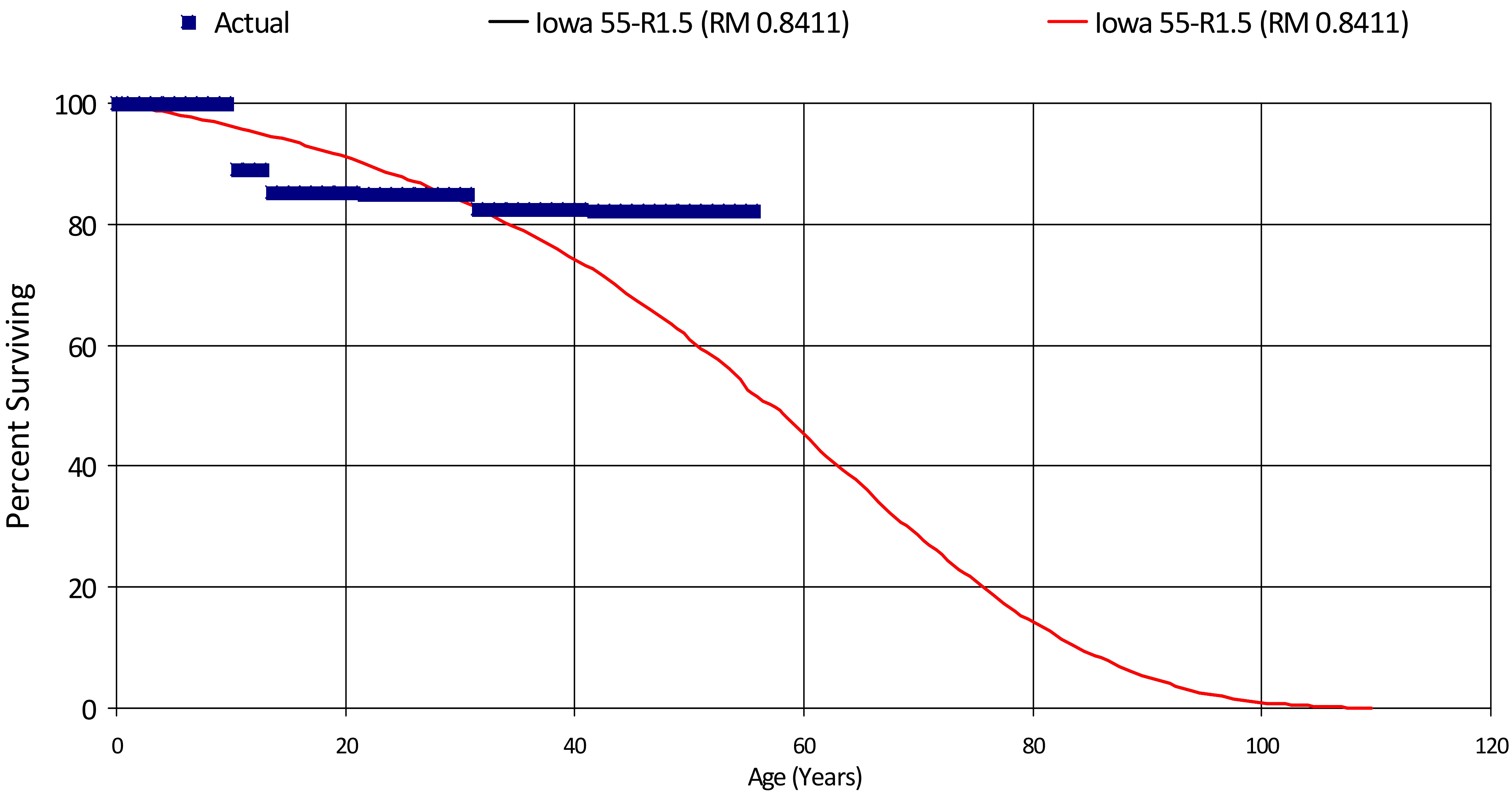
Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	200,874	0	0.00000	1.00000	100.00
0.5	200,874	0	0.00000	1.00000	100.00
1.5	200,874	0	0.00000	1.00000	100.00
2.5	200,874	0	0.00000	1.00000	100.00
3.5	200,874	0	0.00000	1.00000	100.00
4.5	200,874	0	0.00000	1.00000	100.00
5.5	36,457	0	0.00000	1.00000	100.00
6.5	36,457	0	0.00000	1.00000	100.00
7.5	36,457	0	0.00000	1.00000	100.00
8.5	36,457	24,922	0.68359	0.31641	100.00
9.5	11,535	0	0.00000	1.00000	31.64
10.5	11,535	0	0.00000	1.00000	31.64
11.5	11,535	0	0.00000	1.00000	31.64
12.5	11,535	0	0.00000	1.00000	31.64
13.5	11,535	0	0.00000	1.00000	31.64
14.5	11,535	0	0.00000	1.00000	31.64
15.5	11,535	0	0.00000	1.00000	31.64
16.5	11,535	0	0.00000	1.00000	31.64
17.5	11,535	0	0.00000	1.00000	31.64
18.5	11,535	0	0.00000	1.00000	31.64
19.5	11,535	0	0.00000	1.00000	31.64
20.5	11,535	0	0.00000	1.00000	31.64
21.5	0	0	0.00000	0.00000	31.64
	Totals:	24,922			

Newfoundland and Labrador Hydro

Account W04 - Water Treatment

Placement Band - 1968 - 2024   Experience Band - 1999 - 2024

Actual and Smooth Survivor Curves



RETIREMENT RATE ANALYSIS

Age at Begin of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retmt Ratio	Survivor Ratio	% Surviving
0	19,207,705	0	0.00000	1.00000	100.00
0.5	19,207,705	1,486	0.00008	0.99992	100.00
1.5	19,206,219	0	0.00000	1.00000	99.99
2.5	16,953,321	0	0.00000	1.00000	99.99
3.5	16,953,321	0	0.00000	1.00000	99.99
4.5	16,953,321	0	0.00000	1.00000	99.99
5.5	16,953,321	0	0.00000	1.00000	99.99
6.5	16,787,899	0	0.00000	1.00000	99.99
7.5	15,166,379	0	0.00000	1.00000	99.99
8.5	15,166,379	0	0.00000	1.00000	99.99
9.5	11,006,376	1,206,646	0.10963	0.89037	99.99
10.5	9,799,731	0	0.00000	1.00000	89.03
11.5	9,628,845	0	0.00000	1.00000	89.03
12.5	8,969,050	380,586	0.04243	0.95757	89.03
13.5	8,588,464	0	0.00000	1.00000	85.25
14.5	8,588,464	0	0.00000	1.00000	85.25
15.5	8,588,464	0	0.00000	1.00000	85.25
16.5	8,588,464	3,817	0.00044	0.99956	85.25
17.5	8,584,646	0	0.00000	1.00000	85.21
18.5	8,584,646	0	0.00000	1.00000	85.21
19.5	8,584,646	0	0.00000	1.00000	85.21
20.5	8,584,646	8,799	0.00102	0.99898	85.21
21.5	8,575,848	563	0.00007	0.99993	85.12
22.5	8,575,285	0	0.00000	1.00000	85.11
23.5	8,575,285	0	0.00000	1.00000	85.11
24.5	8,575,285	0	0.00000	1.00000	85.11
25.5	8,575,285	0	0.00000	1.00000	85.11
26.5	8,575,285	0	0.00000	1.00000	85.11

Newfoundland and Labrador Hydro

Account W04 - Water Treatment

Placement Band - 1968 - 2024   Experience Band - 1999 - 2024

27.5	8,575,285	0	0.00000	1.00000	85.11
28.5	8,575,285	0	0.00000	1.00000	85.11
29.5	8,569,925	0	0.00000	1.00000	85.11
30.5	8,569,925	272,733	0.03182	0.96818	85.11
31.5	8,297,192	0	0.00000	1.00000	82.40
32.5	8,297,192	0	0.00000	1.00000	82.40
33.5	5,616,028	0	0.00000	1.00000	82.40
34.5	5,600,891	0	0.00000	1.00000	82.40
35.5	5,600,891	0	0.00000	1.00000	82.40
36.5	5,543,349	0	0.00000	1.00000	82.40
37.5	5,543,349	0	0.00000	1.00000	82.40
38.5	5,543,349	0	0.00000	1.00000	82.40
39.5	5,543,349	0	0.00000	1.00000	82.40
40.5	5,543,349	13,644	0.00246	0.99754	82.40
41.5	5,529,706	0	0.00000	1.00000	82.20
42.5	5,529,706	0	0.00000	1.00000	82.20
43.5	5,529,706	0	0.00000	1.00000	82.20
44.5	3,996,048	0	0.00000	1.00000	82.20
45.5	3,996,048	0	0.00000	1.00000	82.20
46.5	3,996,048	0	0.00000	1.00000	82.20
47.5	3,996,048	0	0.00000	1.00000	82.20
48.5	3,996,048	0	0.00000	1.00000	82.20
49.5	3,996,048	0	0.00000	1.00000	82.20
50.5	3,996,048	0	0.00000	1.00000	82.20
51.5	3,996,048	0	0.00000	1.00000	82.20
52.5	3,996,048	0	0.00000	1.00000	82.20
53.5	2,058,666	0	0.00000	1.00000	82.20
54.5	2,058,666	0	0.00000	1.00000	82.20
55.5	395,463	0	0.00000	1.00000	82.20
	Totals:	1,888,274			

SECTION 7

7 DETAILED DEPRECIATION CALCULATIONS

Newfoundland and Labrador Hydro

Account #: A01 - Aircraft Landing Strip

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2
ASL: 33
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1974	7,976.40	7,261	7,976	0.9103	0	2.98	0	50.5
1994	46,186.62	31,660	46,187	0.6855	0	10.38	0	30.5
2006	78,390.03	36,045	73,923	0.4598	4,467	17.84	250	18.5
2016	51,389.16	11,554	23,697	0.2248	27,693	25.59	1,082	8.5
2021	19,570.46	1,853	3,800	0.0947	15,770	29.87	528	3.5
TOTAL	203,512.67	88,373	155,583		47,930		1,860	

COMPOSITE ANNUAL ACCRUAL RATE 0.91%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.76

COMPOSITE AVERAGE AGE (YEARS) 18.51

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 18.68

Newfoundland and Labrador Hydro

Account #: A04 - Auxiliary Power Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1956	85,469.97	85,470	85,470	1.0000	0		0	69.5
1966	159,578.73	159,579	159,579	1.0000	0		0	59.5
1974	5,049.52	5,050	5,050	1.0000	0		0	51.5
1978	2,000.00	2,000	2,000	1.0000	0		0	47.5
1979	99,773.88	99,774	99,774	1.0000	0		0	46.5
1982	413,537.76	413,538	413,538	1.0000	0		0	43.5
1983	43,498.13	43,498	43,498	1.0000	0		0	42.5
1984	221,073.63	221,074	221,074	1.0000	0		0	41.5
1988	145,077.24	143,061	145,077	0.9861	0	0.53	0	36.5
1989	680,140.87	665,178	676,242	0.9780	3,899	0.66	3,899	35.5
1992	63,724.33	60,525	61,532	0.9498	2,192	1.30	1,684	32.5
1999	16,056.11	13,850	14,080	0.8626	1,976	3.45	573	25.5
2000	148,028.44	124,936	127,014	0.8440	21,014	3.91	5,375	24.5
2001	368,268.81	303,012	308,052	0.8228	60,217	4.44	13,570	23.5
2003	448,397.32	346,746	352,513	0.7733	95,884	5.67	16,907	21.5
2005	97,542.86	70,036	71,201	0.7180	26,342	7.05	3,734	19.5
2010	289,472.02	161,844	164,536	0.5591	124,936	11.02	11,334	14.5
2011	59,826.71	31,349	31,871	0.5240	27,956	11.90	2,349	13.5
2012	213,015.53	103,952	105,681	0.4880	107,335	12.80	8,385	12.5
2013	802,476.86	361,997	368,019	0.4511	434,458	13.72	31,661	11.5
2015	1,337,310.13	502,160	510,513	0.3755	826,797	15.61	52,954	9.5
2016	187,266.80	63,090	64,140	0.3369	123,127	16.58	7,427	8.5
2017	1,329,482.75	396,053	402,641	0.2979	926,842	17.55	52,803	7.5
2018	1,809,782.36	468,010	475,795	0.2586	1,333,988	18.53	71,973	6.5
2019	138,458.78	30,336	30,841	0.2191	107,618	19.52	5,513	5.5
2020	446,026.54	80,062	81,393	0.1795	364,633	20.51	17,775	4.5
2022	192,016.67	19,163	19,482	0.0998	172,535	22.50	7,667	2.5
2023	1,310,889.34	78,522	79,828	0.0599	1,231,061	23.50	52,381	1.5

Newfoundland and Labrador Hydro

Account #: A04 - Auxiliary Power Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2024	2,360,821.06	47,216	48,002	0.0200	2,312,819	24.50	94,399	0.5
TOTAL	13,474,063.15	5,101,079	5,168,434		8,305,629		462,363	

COMPOSITE ANNUAL ACCRUAL RATE	3.43%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.38
COMPOSITE AVERAGE AGE (YEARS)	12.21
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	15.54

Newfoundland and Labrador Hydro

Account #: B01 - Battery and Power Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L1.5
ASL: 20
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1956	1,465.79	1,466	1,466	1.0000	0		0	69.5
1968	46,703.90	43,682	46,704	0.9353	0	1.35	0	56.5
1971	61,437.84	57,696	61,438	0.9391	0	1.81	0	53.5
1973	351.12	324	351	0.9222	0	2.10	0	51.5
1975	6,046.84	5,471	6,047	0.9047	0	2.39	0	49.5
1978	14,703.11	12,905	14,703	0.8777	0	2.83	0	46.5
1979	8,963.00	7,784	8,963	0.8685	0	2.99	0	45.5
1980	286,551.38	246,191	286,551	0.8592	0	3.15	0	44.5
1982	22,683.59	19,053	22,684	0.8399	0	3.48	0	42.5
1985	111,062.55	89,955	111,063	0.8100	0	4.02	0	39.5
1987	2,173.59	1,715	2,170	0.7891	3	4.40	1	37.5
1988	6,546.56	5,096	6,448	0.7784	99	4.60	21	36.5
1989	13,813.16	10,600	13,413	0.7674	400	4.81	83	35.5
1990	155,269.23	117,422	148,581	0.7563	6,688	5.02	1,333	34.5
1992	147,861.23	108,416	137,184	0.7332	10,677	5.45	1,958	32.5
1994	25,099.57	17,801	22,525	0.7092	2,575	5.91	435	30.5
1995	17,880.43	12,460	15,766	0.6969	2,114	6.15	344	29.5
1996	49,729.60	34,029	43,058	0.6843	6,671	6.40	1,043	28.5
1997	11,760.26	7,897	9,993	0.6715	1,768	6.64	266	27.5
1998	161,816.22	106,564	134,842	0.6586	26,975	6.90	3,911	26.5
1999	8,013.60	5,172	6,545	0.6454	1,469	7.15	205	25.5
2000	81,528.90	51,536	65,212	0.6321	16,317	7.41	2,202	24.5
2001	351,925.76	217,780	275,570	0.6188	76,356	7.67	9,954	23.5
2002	6,611.36	4,003	5,065	0.6054	1,547	7.93	195	22.5
2003	953,620.10	564,400	714,168	0.5919	239,453	8.20	29,218	21.5
2004	254,354.69	147,062	186,085	0.5782	68,269	8.46	8,069	20.5
2005	376,235.74	212,310	268,648	0.5643	107,588	8.73	12,326	19.5
2006	293,258.23	161,314	204,120	0.5501	89,138	9.00	9,902	18.5

Newfoundland and Labrador Hydro

Account #: B01 - Battery and Power Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L1.5
ASL: 20
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2007	425,610.31	227,893	288,366	0.5355	137,244	9.28	14,783	17.5
2008	383,597.68	199,557	252,511	0.5202	131,087	9.58	13,686	16.5
2009	698,898.24	352,350	445,848	0.5042	253,050	9.89	25,589	15.5
2010	530,274.70	258,270	326,804	0.4871	203,471	10.22	19,905	14.5
2011	537,440.75	251,898	318,742	0.4687	218,699	10.58	20,665	13.5
2012	840,153.72	377,061	477,117	0.4488	363,037	10.98	33,069	12.5
2013	756,913.75	323,297	409,086	0.4271	347,828	11.41	30,476	11.5
2014	312,994.59	126,231	159,727	0.4033	153,268	11.89	12,885	10.5
2015	904,959.35	341,034	431,530	0.3769	473,430	12.43	38,084	9.5
2016	382,493.66	132,926	168,199	0.3475	214,295	13.03	16,451	8.5
2017	1,476,341.09	465,490	589,011	0.3153	887,330	13.68	64,871	7.5
2018	955,842.39	268,042	339,169	0.2804	616,673	14.38	42,877	6.5
2019	1,397,014.33	339,719	429,866	0.2432	967,149	15.13	63,916	5.5
2020	912,826.75	185,874	235,197	0.2036	677,629	15.93	42,551	4.5
2021	518,401.71	83,864	106,118	0.1618	412,283	16.76	24,594	3.5
2022	254,140.17	29,919	37,858	0.1177	216,282	17.65	12,257	2.5
2023	549,434.20	39,422	49,883	0.0718	499,551	18.57	26,907	1.5
2024	529,069.69	12,790	16,184	0.0242	512,885	19.52	26,279	0.5
TOTAL	15,843,874.43	6,285,741	7,900,577		7,943,297		611,311	

COMPOSITE ANNUAL ACCRUAL RATE	3.86%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.50
COMPOSITE AVERAGE AGE (YEARS)	12.59
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	12.07

Newfoundland and Labrador Hydro

Account #: B02 - Boiler System

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1
ASL: 40
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	14,276,809.08	11,514,532	14,276,809	0.8065	0	7.74	0	56.5
1971	795,588.25	619,716	795,588	0.7789	0	8.86	0	53.5
1979	2,040.12	1,421	2,040	0.6967	0	12.15	0	45.5
1981	314,253.38	211,728	314,253	0.6738	0	13.04	0	43.5
1982	68,031.30	45,052	68,031	0.6622	0	13.50	0	42.5
1986	142,517.51	87,506	142,518	0.6140	0	15.43	0	38.5
1987	29,961.22	18,036	29,961	0.6020	0	15.93	0	37.5
1988	480,335.28	282,745	480,335	0.5886	0	16.45	0	36.5
1989	4,309,160.53	2,482,680	4,309,161	0.5761	0	16.97	0	35.5
1993	184,491.61	96,297	184,492	0.5220	0	19.14	0	31.5
1996	19,423.10	9,292	19,423	0.4784	0	20.85	0	28.5
1997	53,585.52	24,880	53,586	0.4643	0	21.44	0	27.5
1999	92,545.14	40,125	92,544	0.4336	1	22.65	0	25.5
TOTAL	20,768,742.04	15,434,008	20,768,741		1		0	

COMPOSITE ANNUAL ACCRUAL RATE	0.00%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	1.00
COMPOSITE AVERAGE AGE (YEARS)	50.71
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	10.28

Newfoundland and Labrador Hydro

Account #: B03 - Booms - Timber

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	38,209.00	38,209	38,209	1.0000	0		0	58.5
1970	1,982.00	1,982	1,982	1.0000	0		0	54.5
1979	46,793.75	46,326	46,794	0.9900	0	0.50	0	45.5
2014	37,008.66	13,862	20,592	0.3746	16,417	15.63	1,051	10.5
2015	51,562.11	17,603	26,150	0.3414	25,412	16.46	1,544	9.5
2017	213,290.86	58,292	86,595	0.2733	126,696	18.16	6,975	7.5
TOTAL	388,846.38	176,274	220,321		168,525		9,570	

COMPOSITE ANNUAL ACCRUAL RATE	2.46%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.57
COMPOSITE AVERAGE AGE (YEARS)	17.87
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	13.69

Newfoundland and Labrador Hydro

Account #: B04 - Bridges

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life

Survivor Curve: R4

ASL: 65

Net Salvage: 0%

Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	564,791.18	451,325	564,791	0.7991	0	13.06	0	58.5
1980	221,425.80	143,074	201,521	0.6462	19,905	23.02	865	44.5
1983	26,746.98	16,266	22,911	0.6082	3,836	25.44	151	41.5
1984	1,988,230.31	1,184,429	1,668,274	0.5957	319,957	26.27	12,177	40.5
1992	629,308.12	307,102	432,555	0.4880	196,753	33.28	5,912	32.5
1994	55,564.63	25,530	35,960	0.4595	19,605	35.12	558	30.5
1996	36,386.80	15,665	22,065	0.4305	14,322	36.99	387	28.5
1997	63,600.25	26,484	37,303	0.4164	26,297	37.93	693	27.5
2003	312,030.06	102,399	144,229	0.3282	167,801	43.69	3,841	21.5
2007	337,011.43	90,154	126,982	0.2675	210,029	47.60	4,412	17.5
2011	19,193.98	3,977	5,602	0.2072	13,592	51.55	264	13.5
2016	680,217.27	88,904	125,222	0.1307	554,995	56.52	9,820	8.5
2018	3,486,774.00	347,980	490,132	0.0998	2,996,642	58.51	51,215	6.5
2019	925,000.00	78,533	110,613	0.0849	814,387	59.51	13,685	5.5
2020	1,097,790.58	75,638	106,536	0.0689	991,254	60.51	16,383	4.5
2022	225,000.00	8,550	12,043	0.0380	212,957	62.50	3,407	2.5
TOTAL	10,669,071.39	2,966,011	4,106,740		6,562,331		123,770	

COMPOSITE ANNUAL ACCRUAL RATE 1.16%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.38

COMPOSITE AVERAGE AGE (YEARS) 18.87

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 46.93

Newfoundland and Labrador Hydro

Account #: B05 - Buildings - Other

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	239,389.37	156,620	239,389	0.6543	0	19.01	0	57.5
1968	1,491,578.72	963,202	1,491,579	0.6458	0	19.48	0	56.5
1969	52,209.34	33,263	52,209	0.6371	0	19.96	0	55.5
1970	122,471.07	76,958	122,471	0.6284	0	20.45	0	54.5
1971	49,280.73	30,529	49,281	0.6195	0	20.94	0	53.5
1972	63,651.61	38,859	63,652	0.6105	0	21.44	0	52.5
1973	277,231.53	166,605	277,232	0.6010	0	21.94	0	51.5
1974	22,896.40	13,549	22,896	0.5918	0	22.45	0	50.5
1975	892,859.46	520,001	892,859	0.5824	0	22.97	0	49.5
1977	351,243.10	197,911	341,210	0.5635	10,033	24.02	418	47.5
1978	16,205.52	8,967	15,459	0.5533	747	24.56	30	46.5
1979	132,860.64	72,207	124,489	0.5435	8,372	25.10	334	45.5
1980	574,377.80	306,511	528,442	0.5336	45,936	25.65	1,791	44.5
1981	139,045.15	72,811	125,530	0.5237	13,515	26.21	516	43.5
1982	856,784.35	439,942	758,484	0.5135	98,301	26.77	3,672	42.5
1983	78,669.31	39,590	68,256	0.5033	10,413	27.34	381	41.5
1984	38,783.44	19,096	32,923	0.4924	5,861	27.91	210	40.5
1985	163,919.56	78,996	136,194	0.4819	27,726	28.49	973	39.5
1986	375,790.97	177,148	305,413	0.4714	70,378	29.08	2,420	38.5
1987	1,048,817.01	483,190	833,046	0.4607	215,771	29.67	7,273	37.5
1988	151,224.82	68,036	117,298	0.4499	33,927	30.27	1,121	36.5
1989	19,539,120.22	8,566,927	14,769,858	0.4385	4,769,262	30.87	154,488	35.5
1990	1,396,145.92	596,810	1,028,934	0.4275	367,212	31.48	11,664	34.5
1991	125,352.49	52,194	89,986	0.4164	35,367	32.10	1,102	33.5
1992	119,830.76	48,558	83,716	0.4052	36,114	32.72	1,104	32.5
1993	144,816.43	57,042	98,343	0.3939	46,473	33.34	1,394	31.5
1994	493,681.26	188,858	325,601	0.3826	168,080	33.98	4,947	30.5
1995	543,023.92	201,158	346,807	0.3704	196,217	34.61	5,669	29.5

Newfoundland and Labrador Hydro

Account #: B05 - Buildings - Other

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1996	1,063,005.55	381,534	657,786	0.3589	405,220	35.25	11,495	28.5
1997	945,801.13	328,477	566,312	0.3473	379,489	35.90	10,571	27.5
1998	60,623.02	20,345	35,076	0.3356	25,547	36.55	699	26.5
1999	287,378.78	93,065	160,449	0.3238	126,930	37.20	3,412	25.5
2000	536,570.67	167,034	287,977	0.3113	248,594	37.86	6,566	24.5
2001	1,998,487.30	598,327	1,031,549	0.2994	966,938	38.52	25,100	23.5
2002	39,901.19	11,469	19,773	0.2874	20,128	39.19	514	22.5
2003	3,393,482.97	934,463	1,611,067	0.2754	1,782,416	39.86	44,718	21.5
2004	667,419.28	175,691	302,902	0.2632	364,517	40.53	8,993	20.5
2005	1,056,617.81	265,317	457,421	0.2511	599,197	41.21	14,541	19.5
2006	4,422,853.24	1,053,435	1,816,181	0.2382	2,606,673	41.89	62,233	18.5
2007	943,176.36	213,101	367,398	0.2259	575,778	42.57	13,526	17.5
2008	829,747.51	177,234	305,561	0.2136	524,186	43.25	12,120	16.5
2009	493,520.85	99,336	171,261	0.2013	322,260	43.94	7,334	15.5
2010	6,565,341.96	1,239,930	2,137,709	0.1889	4,427,633	44.63	99,214	14.5
2011	2,493,128.52	438,043	755,210	0.1757	1,737,919	45.32	38,348	13.5
2012	1,838,854.82	300,101	517,391	0.1632	1,321,464	46.01	28,718	12.5
2013	1,963,117.56	295,646	509,709	0.1506	1,453,408	46.71	31,114	11.5
2014	2,115,422.89	291,928	503,301	0.1380	1,612,122	47.41	34,001	10.5
2015	2,520,492.82	315,818	544,487	0.1253	1,976,005	48.12	41,065	9.5
2016	4,989,123.67	561,526	968,102	0.1126	4,021,022	48.83	82,351	8.5
2017	11,455,867.73	1,134,360	1,955,700	0.0990	9,500,168	49.54	191,769	7.5
2018	2,562,586.46	220,792	380,658	0.0862	2,181,928	50.26	43,417	6.5
2019	2,026,145.87	148,314	255,701	0.0732	1,770,445	50.97	34,732	5.5
2020	2,328,166.77	140,063	241,476	0.0602	2,086,691	51.70	40,363	4.5
2021	1,140,298.33	53,731	92,635	0.0471	1,047,663	52.42	19,984	3.5
2022	2,305,893.55	76,556	131,986	0.0332	2,173,907	53.16	40,897	2.5
2023	2,404,056.17	48,033	82,812	0.0200	2,321,245	53.89	43,073	1.5

Newfoundland and Labrador Hydro

Account #: B05 - Buildings - Other

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2024	708,864.50	4,721	8,139	0.0067	700,725	54.63	12,827	0.5
TOTAL	93,657,208.18	23,463,931	40,217,286		53,439,923		1,203,202	

COMPOSITE ANNUAL ACCRUAL RATE 1.28%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.43

COMPOSITE AVERAGE AGE (YEARS) 20.02

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 41.22

Newfoundland and Labrador Hydro

Account #: B06 - Buildings - Metal

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1965	496,680.62	414,023	496,681	0.8336	0	9.16	0	59.5
1966	232,339.25	191,991	232,339	0.8263	0	9.56	0	58.5
1967	351,750.70	287,890	351,751	0.8185	0	9.98	0	57.5
1968	1,342,088.31	1,087,870	1,342,088	0.8106	0	10.42	0	56.5
1969	1,344,302.45	1,078,722	1,344,302	0.8024	0	10.87	0	55.5
1970	147,086.08	116,783	147,086	0.7940	0	11.34	0	54.5
1971	700,196.43	549,794	700,196	0.7852	0	11.82	0	53.5
1975	551,697.72	411,842	525,274	0.7465	26,424	13.94	1,895	49.5
1976	295,393.15	217,486	277,387	0.7363	18,006	14.52	1,240	48.5
1977	113,072.12	82,052	104,651	0.7257	8,421	15.10	558	47.5
1978	676,988.69	483,471	616,631	0.7142	60,358	15.71	3,843	46.5
1979	247,825.70	174,224	222,209	0.7030	25,616	16.33	1,569	45.5
1980	3,132,433.76	2,166,548	2,763,267	0.6917	369,167	16.96	21,768	44.5
1981	567,588.65	385,932	492,227	0.6800	75,362	17.61	4,280	43.5
1982	1,925,035.45	1,285,943	1,640,122	0.6680	284,913	18.27	15,595	42.5
1983	1,352,302.27	886,975	1,131,269	0.6559	221,033	18.94	11,668	41.5
1984	403,237.04	259,217	330,611	0.6428	72,626	19.63	3,699	40.5
1985	81,997.06	51,673	65,905	0.6302	16,092	20.33	791	39.5
1986	16,689.87	10,304	13,142	0.6174	3,547	21.04	169	38.5
1987	284,222.63	171,773	219,083	0.6044	65,139	21.77	2,992	37.5
1988	435,449.77	257,420	328,320	0.5912	107,129	22.50	4,760	36.5
1989	142,970.97	82,487	105,206	0.5770	37,765	23.25	1,624	35.5
1990	1,540,833.02	867,936	1,106,986	0.5633	433,847	24.01	18,071	34.5
1991	1,368,075.14	751,785	958,844	0.5495	409,231	24.78	16,518	33.5
1992	932,441.26	499,304	636,824	0.5355	295,617	25.55	11,569	32.5
1993	433,033.02	225,727	287,898	0.5213	145,135	26.34	5,510	31.5
1994	7,894.22	4,002	5,104	0.5070	2,790	27.14	103	30.5
1995	103,615.39	50,939	64,969	0.4916	38,646	27.95	1,383	29.5

Newfoundland and Labrador Hydro

Account #: B06 - Buildings - Metal

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1996	510,264.42	243,376	310,407	0.4770	199,857	28.76	6,949	28.5
1998	160,883.77	71,928	91,739	0.4471	69,145	30.42	2,273	26.5
2001	68,667.67	27,482	35,051	0.4002	33,616	32.98	1,019	23.5
2002	742,394.78	285,540	364,184	0.3846	378,210	33.84	11,175	22.5
2003	166,852.30	61,532	78,479	0.3688	88,373	34.72	2,545	21.5
2004	50,241.99	17,732	22,616	0.3529	27,626	35.60	776	20.5
2005	284,953.12	95,986	122,423	0.3369	162,530	36.50	4,453	19.5
2007	39,511.28	11,991	15,293	0.3035	24,218	38.30	632	17.5
2008	17,818.02	5,116	6,524	0.2871	11,294	39.21	288	16.5
2009	165,690.59	44,826	57,172	0.2705	108,519	40.13	2,704	15.5
2010	7,299.00	1,853	2,363	0.2538	4,936	41.06	120	14.5
2011	31,646.84	7,473	9,532	0.2362	22,115	41.99	527	13.5
2014	889,193.02	164,723	210,092	0.1853	679,101	44.82	15,153	10.5
2015	10,765,584.28	1,810,233	2,308,815	0.1682	8,456,770	45.77	184,777	9.5
2018	4,123,365.55	475,259	606,157	0.1153	3,517,209	48.65	72,296	6.5
2019	9,969,988.66	975,065	1,243,621	0.0978	8,726,367	49.62	175,868	5.5
2020	2,212,500.00	177,752	226,709	0.0803	1,985,791	50.59	39,252	4.5
2021	2,232,059.09	140,129	178,723	0.0628	2,053,336	51.57	39,819	3.5
2023	1,768,804.53	46,979	59,919	0.0266	1,708,886	53.52	31,927	1.5
2024	1,501,815.50	13,246	16,894	0.0088	1,484,921	54.51	27,242	0.5
TOTAL	54,936,775.15	17,732,336	22,477,091		32,459,684		749,400	

COMPOSITE ANNUAL ACCRUAL RATE 1.36%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.41

COMPOSITE AVERAGE AGE (YEARS) 20.29

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 37.25

Newfoundland and Labrador Hydro

Account #: B07 - Bus Duct Generator

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 40
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	27,238.00	26,591	27,145	0.9762	93	1.01	92	56.5
1980	311,717.00	279,654	285,481	0.8971	26,236	4.12	6,366	44.5
1988	120,878.46	97,476	99,508	0.8064	21,371	7.74	2,763	36.5
2003	365,970.58	191,117	195,100	0.5222	170,871	19.13	8,932	21.5
2015	630,303.53	149,332	152,443	0.2369	477,860	30.54	15,645	9.5
2016	78,297.66	16,535	16,879	0.2112	61,418	31.53	1,948	8.5
2017	408,868.99	76,630	78,227	0.1874	330,642	32.52	10,166	7.5
TOTAL	1,943,274.22	837,335	854,783		1,088,492		45,912	

COMPOSITE ANNUAL ACCRUAL RATE	2.36%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.44
COMPOSITE AVERAGE AGE (YEARS)	19.25
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	22.78

Newfoundland and Labrador Hydro

Account #: B08 - Buswork and Hardware

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 50
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	264,745.93	252,687	277,983	0.9090	0	4.56	0	57.5
1968	104,589.03	99,155	109,818	0.9029	0	4.87	0	56.5
1969	18,000.00	16,944	18,900	0.8965	0	5.18	0	55.5
1970	521,630.42	487,354	547,712	0.8898	0	5.52	0	54.5
1972	6,942.96	6,379	7,279	0.8750	11	6.25	2	52.5
1974	8,694.70	7,835	8,940	0.8582	189	7.09	27	50.5
1975	68,040.25	60,647	69,204	0.8489	2,238	7.56	296	49.5
1976	2,298.22	2,025	2,310	0.8390	103	8.06	13	48.5
1977	113,025.67	98,312	112,183	0.8284	6,494	8.59	756	47.5
1978	252,995.59	217,059	247,683	0.8171	17,962	9.15	1,964	46.5
1979	155,744.87	131,676	150,254	0.8052	13,278	9.74	1,363	45.5
1980	132,765.41	110,519	126,112	0.7928	13,291	10.36	1,283	44.5
1981	212,209.10	173,777	198,295	0.7799	24,525	11.01	2,228	43.5
1982	238,384.77	191,908	218,984	0.7667	31,320	11.67	2,684	42.5
1983	166,412.59	131,592	150,158	0.7531	24,576	12.35	1,990	41.5
1985	23,798.53	18,119	20,676	0.7251	4,313	13.74	314	39.5
1986	84,174.63	62,814	71,676	0.7107	16,707	14.46	1,155	38.5
1987	110,667.31	80,876	92,286	0.6960	23,914	15.20	1,573	37.5
1988	22,543.64	16,120	18,394	0.6810	5,277	15.95	331	36.5
1989	392,311.36	274,220	312,909	0.6657	99,018	16.71	5,924	35.5
1990	150,841.82	102,965	117,493	0.6501	40,891	17.49	2,338	34.5
1991	707,463.50	471,107	537,575	0.6342	205,262	18.29	11,224	33.5
1992	523,002.85	339,431	387,321	0.6181	161,832	19.10	8,474	32.5
1993	33,128.06	20,926	23,879	0.6016	10,906	19.92	547	31.5
1994	149,377.90	91,724	104,665	0.5848	52,182	20.76	2,513	30.5
1995	460,361.34	274,414	313,131	0.5677	170,248	21.61	7,877	29.5
1996	98,866.85	57,137	65,198	0.5504	38,612	22.48	1,718	28.5
1997	55,916.37	31,288	35,702	0.5329	23,010	23.36	985	27.5

Newfoundland and Labrador Hydro

Account #: B08 - Buswork and Hardware

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 50
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1998	326,389.45	176,529	201,436	0.5151	141,273	24.25	5,827	26.5
2000	299,484.25	150,563	171,805	0.4788	142,653	26.06	5,474	24.5
2002	48,570.45	22,531	25,710	0.4418	25,289	27.91	906	22.5
2003	37,106.47	16,481	18,806	0.4230	20,156	28.85	699	21.5
2004	112,224.95	47,618	54,336	0.4041	63,500	29.79	2,131	20.5
2005	6,333.49	2,560	2,922	0.3850	3,729	30.75	121	19.5
2009	33,674.74	10,880	12,415	0.3077	22,944	34.62	663	15.5
2012	562,574.69	146,967	167,702	0.2488	423,001	37.56	11,261	12.5
2013	313,229.37	75,316	85,942	0.2290	242,949	38.55	6,302	11.5
2014	46,222.92	10,153	11,586	0.2092	36,948	39.54	934	10.5
2015	46,405.63	9,229	10,531	0.1894	38,195	40.53	942	9.5
2016	232,950.95	41,459	47,309	0.1695	197,290	41.52	4,751	8.5
2017	225,093.24	35,358	40,346	0.1496	196,002	42.52	4,610	7.5
2018	16,016.15	2,181	2,489	0.1297	14,328	43.51	329	6.5
2019	79,678.61	9,186	10,482	0.1098	73,180	44.51	1,644	5.5
2020	269,884.69	25,476	29,070	0.0899	254,309	45.51	5,588	4.5
2021	494,100.61	36,265	41,381	0.0699	477,425	46.50	10,266	3.5
TOTAL	8,228,874.33	4,647,762	5,280,988		3,359,330		120,027	

COMPOSITE ANNUAL ACCRUAL RATE 1.46%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.64

COMPOSITE AVERAGE AGE (YEARS) 29.57

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 23.11

Newfoundland and Labrador Hydro

Account #: C01 - Cables - Telecontrol

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 30
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1982	12,612.10	12,943	13,243	0.9773	0	0.77	0	42.5
1993	112,541.10	103,397	118,168	0.8750	0	3.76	0	31.5
1999	176,607.97	142,176	169,580	0.7667	15,858	7.00	2,264	25.5
2000	22,031.28	17,213	20,531	0.7441	2,602	7.69	338	24.5
2001	129,578.38	97,979	116,864	0.7201	19,193	8.39	2,287	23.5
2002	260,377.55	190,284	226,961	0.6960	46,435	9.12	5,091	22.5
2003	892,247.63	628,717	749,903	0.6711	186,957	9.88	18,931	21.5
2010	99,451.25	49,333	58,842	0.4724	45,582	15.82	2,881	14.5
2013	11,851.59	4,708	5,616	0.3784	6,828	18.64	366	11.5
2015	2,541.47	839	1,001	0.3145	1,668	20.58	81	9.5
2023	74,624.14	3,910	4,664	0.0499	73,692	28.50	2,586	1.5
TOTAL	1,794,464.46	1,251,499	1,485,373		398,815		34,825	

COMPOSITE ANNUAL ACCRUAL RATE 1.94%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.83

COMPOSITE AVERAGE AGE (YEARS) 21.69

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 10.08

Newfoundland and Labrador Hydro

Account #: C02 - Cables - Submarine

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 45
Net Salvage: -15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1975	475,796.93	488,729	500,238	0.8932	46,929	4.82	9,739	49.5
1980	169,115.97	165,002	168,887	0.8484	25,596	6.83	3,748	44.5
1982	123,400.69	117,082	119,839	0.8250	22,072	7.87	2,805	42.5
1988	1,550,390.96	1,319,204	1,350,269	0.7399	432,681	11.70	36,977	36.5
1989	2,453,451.52	2,043,844	2,091,972	0.7244	729,497	12.41	58,797	35.5
1990	2,979,349.00	2,427,533	2,484,696	0.7085	941,555	13.13	71,717	34.5
1999	922,348.37	581,041	594,723	0.5478	465,977	20.36	22,885	25.5
2007	104,280.98	46,056	47,141	0.3841	72,782	27.72	2,626	17.5
2008	42,294.63	17,655	18,071	0.3630	30,568	28.68	1,066	16.5
2009	80,687.42	31,621	32,366	0.3408	60,425	29.65	2,038	15.5
2016	1,509,033.60	326,965	334,664	0.1884	1,400,725	36.53	38,348	8.5
2019	164,964.56	23,103	23,647	0.1218	166,062	39.51	4,203	5.5
TOTAL	10,575,114.63	7,587,836	7,766,513		4,394,869		254,949	

COMPOSITE ANNUAL ACCRUAL RATE 2.41%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.73

COMPOSITE AVERAGE AGE (YEARS) 30.62

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 16.93

Newfoundland and Labrador Hydro

Account #: C03 - Cables - Underground

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S4
ASL: 60
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	67,835.10	62,929	63,368	0.8433	11,251	9.40	1,198	57.5
1968	67,096.88	61,730	62,161	0.8364	11,646	9.83	1,185	56.5
1970	135,075.57	121,901	122,751	0.8204	25,832	10.77	2,399	54.5
1971	28,808.00	25,745	25,924	0.8124	5,765	11.27	511	53.5
1972	12,861.35	11,366	11,445	0.8034	2,702	11.80	229	52.5
1975	15,303.23	13,035	13,126	0.7744	3,708	13.54	274	49.5
1976	3,697.85	3,106	3,128	0.7636	940	14.18	66	48.5
1977	6,782.66	5,618	5,657	0.7529	1,804	14.84	122	47.5
1978	85,112.12	69,398	69,882	0.7413	23,741	15.53	1,529	46.5
1979	84,286.46	67,600	68,072	0.7291	24,643	16.24	1,517	45.5
1980	62,069.93	48,968	49,310	0.7172	18,967	16.98	1,117	44.5
1981	47,782.87	37,008	37,266	0.7041	15,295	17.75	861	43.5
1982	99,352.11	75,472	75,998	0.6906	33,289	18.55	1,795	42.5
1983	33,221.24	24,757	24,929	0.6775	11,614	19.37	600	41.5
1987	44,595.82	30,363	30,575	0.6190	18,481	22.86	808	37.5
1989	77,293.50	50,026	50,375	0.5884	34,648	24.71	1,402	35.5
1990	80,930.60	50,948	51,304	0.5723	37,720	25.66	1,470	34.5
1991	94,095.94	57,555	57,957	0.5561	45,549	26.62	1,711	33.5
1992	52,174.86	31,023	31,239	0.5405	26,153	27.59	948	32.5
1993	6,622.24	3,817	3,844	0.5240	3,441	28.56	120	31.5
1995	166,037.71	89,765	90,391	0.4915	92,251	30.53	3,022	29.5
1996	9,885.30	5,161	5,197	0.4747	5,677	31.52	180	28.5
1998	22,326.20	10,852	10,928	0.4419	13,631	33.51	407	26.5
2000	68,281.30	30,645	30,858	0.4080	44,251	35.50	1,246	24.5
2001	17,652.00	7,612	7,665	0.3920	11,753	36.50	322	23.5
2012	271,407.25	62,098	62,531	0.2080	236,017	47.50	4,969	12.5
2013	109,168.13	23,056	23,217	0.1920	96,868	48.50	1,997	11.5
2014	464,890.58	89,491	90,116	0.1750	421,264	49.50	8,510	10.5

Newfoundland and Labrador Hydro

Account #: C03 - Cables - Underground

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S4
ASL: 60
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2015	545,723.84	94,847	95,508	0.1580	504,788	50.50	9,996	9.5
2016	381,271.04	59,555	59,970	0.1420	359,428	51.50	6,979	8.5
2017	1,809,738.78	248,839	250,575	0.1250	1,740,138	52.50	33,145	7.5
2018	780,980.92	92,781	93,428	0.1080	765,651	53.50	14,311	6.5
2019	611,597.52	61,894	62,325	0.0920	610,432	54.50	11,201	5.5
2020	1,446,192.46	119,311	120,143	0.0750	1,470,669	55.50	26,499	4.5
2021	665,556.75	42,463	42,759	0.0580	689,354	56.50	12,201	3.5
2022	434,155.96	20,058	20,198	0.0420	457,374	57.50	7,954	2.5
2024	459,625.96	4,045	4,073	0.0080	501,516	59.50	8,429	0.5
TOTAL	9,369,490.03	1,914,835	1,928,193		8,378,246		171,230	

COMPOSITE ANNUAL ACCRUAL RATE 1.83%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.21

COMPOSITE AVERAGE AGE (YEARS) 11.42

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 48.85

Newfoundland and Labrador Hydro

Account #: C04 - Cables - Above Ground

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	176,785.73	153,549	178,063	0.7896	16,401	13.69	1,198	57.5
1968	629,433.93	539,528	625,663	0.7792	66,714	14.34	4,652	56.5
1970	301,347.04	251,442	291,584	0.7585	39,897	15.68	2,545	54.5
1971	193,228.00	159,045	184,437	0.7483	28,114	16.36	1,718	53.5
1973	1,019.00	814	944	0.7265	177	17.76	10	51.5
1974	55,053.53	43,349	50,269	0.7158	10,290	18.48	557	50.5
1975	13,512.29	10,477	12,149	0.7049	2,714	19.21	141	49.5
1976	18,193.77	13,870	16,084	0.6930	3,929	19.95	197	48.5
1977	69,160.40	51,866	60,146	0.6818	15,930	20.70	770	47.5
1978	526,233.47	387,574	449,449	0.6696	129,408	21.46	6,031	46.5
1979	144,962.66	104,924	121,675	0.6580	37,784	22.23	1,700	45.5
1980	1,157,039.66	822,383	953,675	0.6462	319,068	23.02	13,861	44.5
1981	61,027.22	42,520	49,308	0.6334	17,822	23.81	748	43.5
1982	272,572.07	186,296	216,038	0.6213	83,792	24.62	3,403	42.5
1983	506,756.39	339,008	393,130	0.6082	164,302	25.44	6,457	41.5
1984	25,089.88	16,441	19,066	0.5957	8,533	26.27	325	40.5
1985	895,378.74	574,305	665,992	0.5831	318,925	27.12	11,761	39.5
1986	84,189.34	52,733	61,152	0.5694	31,457	27.97	1,125	38.5
1987	130,693.07	80,002	92,775	0.5565	50,988	28.83	1,769	37.5
1988	117,705.66	70,363	81,596	0.5434	47,880	29.70	1,612	36.5
1989	406,872.20	236,911	274,734	0.5293	172,826	30.58	5,651	35.5
1990	221,344.07	125,632	145,689	0.5160	97,789	31.47	3,107	34.5
1991	465,792.12	257,005	298,036	0.5016	214,335	32.37	6,620	33.5
1992	380,196.78	204,090	236,672	0.4880	181,544	33.28	5,455	32.5
1993	54,650.56	28,510	33,061	0.4743	27,054	34.20	791	31.5
1994	671,843.79	339,561	393,772	0.4595	345,257	35.12	9,831	30.5
1995	227,348.10	111,417	129,204	0.4455	120,878	36.05	3,353	29.5
1996	93,595.81	44,324	51,401	0.4305	51,555	36.99	1,394	28.5

Newfoundland and Labrador Hydro

Account #: C04 - Cables - Above Ground

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1997	20,857.26	9,554	11,079	0.4164	11,864	37.93	313	27.5
1998	220,824.71	97,697	113,294	0.4022	129,613	38.88	3,334	26.5
1999	87,492.36	37,238	43,183	0.3869	53,059	39.83	1,332	25.5
2000	107,670.29	44,132	51,178	0.3726	67,260	40.79	1,649	24.5
2001	115,541.04	45,518	52,785	0.3581	74,310	41.75	1,780	23.5
2002	8,701.27	3,280	3,804	0.3427	5,767	42.72	135	22.5
2003	69,661.50	25,147	29,162	0.3282	47,466	43.69	1,087	21.5
2005	114,623.60	37,561	43,558	0.2979	82,528	45.64	1,808	19.5
2006	42,472.94	13,231	15,344	0.2832	31,377	46.62	673	18.5
2010	60,549.31	14,791	17,152	0.2221	49,452	50.56	978	14.5
2011	299,364.07	68,238	79,132	0.2072	250,169	51.55	4,853	13.5
2012	411,905.55	86,714	100,557	0.1914	352,539	52.54	6,710	12.5
2013	162,111.78	31,474	36,499	0.1765	141,824	53.53	2,649	11.5
2015	101,754.69	16,302	18,904	0.1456	93,026	55.52	1,675	9.5
2016	87,383.38	12,563	14,569	0.1307	81,553	56.52	1,443	8.5
2017	2,079,523.66	262,602	304,526	0.1148	1,982,950	57.51	34,478	7.5
2018	1,774,092.52	194,760	225,853	0.0998	1,725,649	58.51	29,493	6.5
2019	61,033.00	5,700	6,610	0.0849	60,526	59.51	1,017	5.5
2020	327,756.16	24,841	28,806	0.0689	331,725	60.51	5,483	4.5
2021	1,077,580.12	63,890	74,090	0.0539	1,111,249	61.50	18,068	3.5
2022	304,583.88	12,732	14,764	0.0380	320,278	62.50	5,124	2.5
2024	367,999.00	3,238	3,755	0.0080	401,044	64.50	6,218	0.5

Newfoundland and Labrador Hydro

Account #: C04 - Cables - Above Ground

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	15,804,507.37	6,359,141	7,374,367		10,010,591		227,082	

COMPOSITE ANNUAL ACCRUAL RATE	1.44%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.47
COMPOSITE AVERAGE AGE (YEARS)	24.96
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	41.22

Newfoundland and Labrador Hydro

Account #: C06 - Capacitors

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 35
Net Salvage: -3%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	44,470.98	45,518	45,805	0.9937	0	0.50	0	58.5
1970	2,823.50	2,816	2,908	0.9682	0	1.17	0	54.5
1971	260,900.32	258,341	268,727	0.9614	0	1.40	0	53.5
1976	24,435.00	23,277	25,168	0.9249	0	2.65	0	48.5
1980	73,112.99	67,382	75,306	0.8948	0	3.69	0	44.5
1982	23,267.18	21,057	23,965	0.8787	0	4.26	0	42.5
1987	83,725.72	71,508	86,237	0.8292	0	5.98	0	37.5
1995	9,531.39	6,999	8,554	0.7129	1,264	10.05	126	29.5
1996	300,497.11	215,055	262,826	0.6948	46,686	10.68	4,372	28.5
2000	156,646.75	99,615	121,743	0.6174	39,603	13.39	2,957	24.5
2021	15,447.04	1,556	1,902	0.0978	14,009	31.58	444	3.5
2023	3,177,560.29	138,247	168,956	0.0422	3,103,931	33.53	92,582	1.5
2024	17,221.74	244	298	0.0138	17,440	34.51	505	0.5
TOTAL	4,189,640.01	951,615	1,092,396		3,222,934		100,986	

COMPOSITE ANNUAL ACCRUAL RATE	2.41%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.26
COMPOSITE AVERAGE AGE (YEARS)	10.21
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	27.29

Newfoundland and Labrador Hydro

Account #: C07 - Chemical Feed Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 45
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	50,551.82	49,808	53,079	0.9384	0	2.80	0	56.5
1969	244,559.50	239,398	256,787	0.9323	0	3.06	0	55.5
1971	72,184.00	69,746	74,980	0.9202	813	3.61	225	53.5
1979	50,551.82	45,576	48,996	0.8586	4,083	6.36	642	45.5
1997	28,676.00	17,634	18,957	0.5856	11,153	18.64	598	27.5
2014	13,291.22	3,237	3,480	0.2320	10,476	34.55	303	10.5
TOTAL	459,814.36	425,399	456,280		26,525		1,768	

COMPOSITE ANNUAL ACCRUAL RATE 0.38%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.99

COMPOSITE AVERAGE AGE (YEARS) 51.15

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 5.36

Newfoundland and Labrador Hydro

Account #: C09 - Circuit Breakers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	52,945.18	41,837	43,686	0.7526	11,906	13.62	874	58.5
1967	566,722.41	442,813	462,386	0.7442	132,672	14.06	9,434	57.5
1968	306,823.97	237,120	247,601	0.7360	74,564	14.52	5,136	56.5
1969	111,883.17	85,480	89,258	0.7276	28,219	14.98	1,884	55.5
1970	434,374.54	327,968	342,465	0.7191	113,629	15.46	7,351	54.5
1971	410,891.23	306,436	319,981	0.7103	111,455	15.94	6,991	53.5
1972	344,712.56	253,852	265,073	0.7014	96,875	16.44	5,892	52.5
1974	62,872.73	45,046	47,037	0.6823	18,980	17.47	1,087	50.5
1975	206,014.35	145,537	151,970	0.6728	64,345	18.00	3,575	49.5
1977	521,857.63	357,921	373,742	0.6532	174,208	19.09	9,126	47.5
1978	260,884.29	175,999	183,779	0.6425	90,150	19.65	4,588	46.5
1979	77,376.00	51,362	53,632	0.6322	27,612	20.22	1,365	45.5
1980	752,547.60	491,260	512,975	0.6217	277,200	20.80	13,324	44.5
1981	201,796.88	129,482	135,205	0.6111	76,681	21.40	3,584	43.5
1982	913,653.07	575,793	601,245	0.6002	358,091	22.00	16,277	42.5
1983	312,136.55	193,106	201,642	0.5892	126,101	22.61	5,577	41.5
1985	39,560.00	23,508	24,547	0.5659	16,991	23.87	712	39.5
1986	18,212.75	10,602	11,071	0.5544	8,053	24.51	329	38.5
1987	74,384.82	42,387	44,261	0.5427	33,843	25.16	1,345	37.5
1988	144,831.66	80,727	84,295	0.5308	67,778	25.82	2,625	36.5
1989	584,900.94	318,189	332,254	0.5181	281,892	26.49	10,642	35.5
1990	377,794.87	200,695	209,566	0.5059	187,119	27.17	6,888	34.5
1991	101,938.30	52,823	55,158	0.4935	51,877	27.85	1,863	33.5
1992	1,090,316.93	550,665	575,005	0.4810	569,827	28.55	19,960	32.5
1993	272,449.19	133,976	139,898	0.4683	146,174	29.25	4,997	31.5
1994	25,447.73	12,172	12,710	0.4556	14,010	29.96	468	30.5
1995	829,497.19	384,813	401,823	0.4418	469,149	30.68	15,289	29.5
1996	429,268.08	193,247	201,789	0.4287	248,943	31.41	7,925	28.5

Newfoundland and Labrador Hydro

Account #: C09 - Circuit Breakers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1997	181,901.64	79,359	82,867	0.4155	108,130	32.15	3,363	27.5
1998	122,940.77	51,906	54,201	0.4021	74,887	32.89	2,277	26.5
2000	264,854.19	104,050	108,649	0.3742	169,448	34.40	4,925	24.5
2001	18,558.77	7,022	7,333	0.3604	12,154	35.17	346	23.5
2002	421,478.53	153,309	160,086	0.3464	282,467	35.94	7,859	22.5
2003	349,437.85	121,953	127,344	0.3324	239,566	36.72	6,523	21.5
2004	80,483.15	26,888	28,076	0.3182	56,431	37.51	1,504	20.5
2005	50,011.92	15,959	16,664	0.3039	35,849	38.31	936	19.5
2006	186,607.14	56,559	59,059	0.2887	136,878	39.11	3,500	18.5
2007	289,169.14	83,218	86,897	0.2741	216,731	39.92	5,430	17.5
2008	224,453.18	61,158	63,861	0.2595	171,815	40.73	4,218	16.5
2009	557,305.92	143,168	149,496	0.2447	435,675	41.55	10,485	15.5
2010	365,112.31	88,106	92,000	0.2298	291,368	42.38	6,875	14.5
2011	1,060,268.33	238,242	248,773	0.2140	864,508	43.21	20,007	13.5
2012	2,935,832.60	613,072	640,172	0.1989	2,442,452	44.05	55,447	12.5
2013	3,057,908.45	589,664	615,729	0.1837	2,595,075	44.90	57,803	11.5
2014	2,213,959.19	391,356	408,655	0.1684	1,916,002	45.75	41,883	10.5
2015	13,406,198.59	2,152,017	2,247,142	0.1529	11,829,367	46.60	253,834	9.5
2016	10,435,165.56	1,505,481	1,572,028	0.1374	9,384,896	47.46	197,723	8.5
2017	11,885,773.91	1,509,089	1,575,795	0.1209	10,904,268	48.33	225,610	7.5
2018	14,698,158.42	1,624,176	1,695,969	0.1052	13,737,097	49.21	279,180	6.5
2019	10,809,935.67	1,014,729	1,059,582	0.0894	10,290,850	50.08	205,476	5.5
2020	6,328,262.14	488,251	509,833	0.0735	6,134,842	50.97	120,370	4.5
2021	7,877,512.34	476,101	497,146	0.0576	7,774,242	51.85	149,924	3.5
2022	3,655,259.04	155,632	162,511	0.0406	3,675,511	52.75	69,681	2.5
2023	5,505,690.89	141,056	147,291	0.0244	5,633,685	53.65	105,017	1.5
2024	3,753,481.50	32,278	33,705	0.0082	3,907,451	54.55	71,634	0.5

Newfoundland and Labrador Hydro

Account #: C09 - Circuit Breakers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	110,261,815.76	17,788,613	18,574,918		97,199,988		2,080,938	

COMPOSITE ANNUAL ACCRUAL RATE	1.89%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.17
COMPOSITE AVERAGE AGE (YEARS)	10.03
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	46.55

Newfoundland and Labrador Hydro

Account #: C10 - Compressed Air Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 41
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	36,402.01	30,799	36,402	0.8461	0	6.69	0	58.5
1967	134,088.28	112,347	134,088	0.8379	0	6.99	0	57.5
1968	7,040.00	5,842	7,040	0.8298	0	7.30	0	56.5
1969	18,112.98	14,882	18,113	0.8216	0	7.61	0	55.5
1970	6,003.88	4,881	6,004	0.8130	0	7.93	0	54.5
1971	115,324.40	92,781	115,324	0.8045	0	8.25	0	53.5
1972	1,213.22	965	1,213	0.7955	0	8.59	0	52.5
1974	96,150.08	74,767	96,150	0.7776	0	9.28	0	50.5
1975	10,000.00	7,679	10,000	0.7679	0	9.64	0	49.5
1976	41,950.85	31,818	41,951	0.7585	0	10.02	0	48.5
1977	138,474.81	103,682	138,475	0.7487	0	10.40	0	47.5
1978	59,767.47	44,131	59,020	0.7384	748	10.79	69	46.5
1979	42,011.01	30,590	40,911	0.7282	1,100	11.20	98	45.5
1980	219,800.23	157,652	210,839	0.7173	8,961	11.62	771	44.5
1982	153,558.59	106,803	142,836	0.6955	10,723	12.49	858	42.5
1983	56,543.78	38,665	51,709	0.6838	4,835	12.95	373	41.5
1984	166,456.15	111,903	149,657	0.6723	16,799	13.42	1,252	40.5
1987	36,205.07	23,007	30,770	0.6355	5,436	14.90	365	37.5
1988	114,736.03	71,400	95,489	0.6223	19,247	15.43	1,248	36.5
1989	75,207.79	45,833	61,296	0.6094	13,912	15.96	872	35.5
1990	41,543.60	24,748	33,097	0.5957	8,447	16.50	512	34.5
1991	35,627.98	20,744	27,743	0.5822	7,885	17.06	462	33.5
1992	472,956.97	268,881	359,594	0.5685	113,363	17.63	6,430	32.5
1993	44,089.54	24,422	32,661	0.5539	11,428	18.21	627	31.5
1994	234,644.19	126,633	169,355	0.5397	65,289	18.81	3,472	30.5
1995	129,037.60	67,764	90,626	0.5252	38,412	19.41	1,979	29.5
1996	10,656.00	5,432	7,265	0.5098	3,391	20.03	169	28.5
1997	28,531.93	14,117	18,880	0.4948	9,652	20.65	467	27.5

Newfoundland and Labrador Hydro

Account #: C10 - Compressed Air Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 41
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1998	83,020.75	39,760	53,174	0.4789	29,846	21.29	1,402	26.5
1999	164,358.52	76,172	101,870	0.4635	62,488	21.93	2,849	25.5
2000	153,432.24	68,696	91,872	0.4477	61,560	22.59	2,725	24.5
2001	36,367.13	15,678	20,968	0.4311	15,399	23.26	662	23.5
2002	41,272.02	17,129	22,907	0.4150	18,365	23.93	767	22.5
2003	199,999.97	79,588	106,439	0.3979	93,561	24.62	3,800	21.5
2006	16,790.00	5,826	7,792	0.3470	8,998	26.72	337	18.5
2007	239,305.05	78,941	105,573	0.3299	133,732	27.44	4,874	17.5
2008	317,716.68	99,080	132,507	0.3119	185,210	28.16	6,576	16.5
2009	168,689.23	49,659	66,412	0.2944	102,277	28.89	3,540	15.5
2010	140,437.37	38,867	51,980	0.2768	88,457	29.63	2,985	14.5
2011	594,575.25	153,522	205,317	0.2582	389,259	30.38	12,814	13.5
2013	1,135,812.80	251,526	336,384	0.2215	799,429	31.88	25,073	11.5
2014	1,943,796.40	395,096	528,391	0.2033	1,415,406	32.65	43,354	10.5
2015	8,093,337.41	1,496,296	2,001,106	0.1849	6,092,231	33.42	182,317	9.5
2016	447,126.19	74,033	99,010	0.1656	348,117	34.19	10,182	8.5
2017	31,479.51	4,624	6,185	0.1469	25,295	34.97	723	7.5
2019	57,287.60	6,209	8,304	0.1084	48,984	36.55	1,340	5.5
2020	286,519.85	25,586	34,218	0.0893	252,302	37.34	6,756	4.5
2021	420,638.16	29,129	38,957	0.0693	381,682	38.15	10,006	3.5
2022	521,206.40	26,013	34,790	0.0499	486,417	38.96	12,487	2.5
2023	287,442.43	8,725	11,669	0.0304	275,773	39.77	6,934	1.5
2024	153,850.58	1,522	2,035	0.0099	151,816	40.59	3,740	0.5

Newfoundland and Labrador Hydro

Account #: C10 - Compressed Air Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 41
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	18,060,595.98	4,704,848	6,254,365		11,806,231		366,267	

COMPOSITE ANNUAL ACCRUAL RATE	2.03%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.35
COMPOSITE AVERAGE AGE (YEARS)	14.37
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	30.31

Newfoundland and Labrador Hydro

Account #: C11 - Computers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 5
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2020	5,214,421.91	4,692,980	3,551,168	0.9000	1,663,253	0.50	1,663,253	4.5
2021	851,483.58	596,039	451,021	0.7000	400,462	1.50	266,975	3.5
2022	1,398,727.85	699,364	529,207	0.5000	869,521	2.50	347,808	2.5
2023	1,031,882.79	309,565	234,247	0.3000	797,636	3.50	227,896	1.5
2024	1,062,602.82	106,260	80,407	0.1000	982,196	4.50	218,266	0.5
TOTAL	9,559,118.95	6,404,207	4,846,051		4,713,068		2,724,198	

COMPOSITE ANNUAL ACCRUAL RATE	28.50%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.51
COMPOSITE AVERAGE AGE (YEARS)	3.35
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	1.65

Newfoundland and Labrador Hydro

Account #: C12 - Condensers

ALG - Remaining Life
Survivor Curve: R3
ASL: 55
Net Salvage: -3%
Truncation Year:

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION BASED ON ORIGINAL COST AS OF December 31, 2024

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	125,930.00	105,139	125,145	0.8106	4,563	10.42	438	56.5
2023	553,867.90	15,152	18,035	0.0266	552,449	53.52	10,321	1.5
2024	356,928.12	3,243	3,860	0.0088	363,776	54.51	6,674	0.5
TOTAL	1,036,726.02	123,533	147,040		920,788		17,433	

COMPOSITE ANNUAL ACCRUAL RATE	1.68%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.14
COMPOSITE AVERAGE AGE (YEARS)	7.84
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	48.63

Newfoundland and Labrador Hydro

Account #: C13 - Conductor - Transmission

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 60
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	4,914,310.79	4,012,849	3,889,077	0.7777	1,270,950	13.33	95,327	57.5
1968	2,408,871.94	1,946,157	1,886,129	0.7694	643,186	13.85	46,441	56.5
1969	252,646.14	201,691	195,470	0.7603	69,808	14.38	4,854	55.5
1970	773,190.55	609,683	590,878	0.7510	220,972	14.93	14,800	54.5
1974	1,715,831.21	1,283,332	1,243,749	0.7123	557,874	17.27	32,296	50.5
1976	95,496.00	69,287	67,150	0.6910	33,121	18.53	1,787	48.5
1977	3,030,568.65	2,165,735	2,098,935	0.6806	1,083,162	19.18	56,480	47.5
1978	439,979.89	309,226	299,688	0.6694	162,291	19.84	8,181	46.5
1980	181,069.54	123,006	119,212	0.6470	70,911	21.20	3,345	44.5
1981	4,145,939.87	2,764,958	2,679,676	0.6352	1,673,561	21.89	76,444	43.5
1982	3,344,098.45	2,187,823	2,120,342	0.6231	1,390,962	22.60	61,547	42.5
1983	5,998,197.19	3,852,174	3,733,357	0.6116	2,564,750	23.32	109,988	41.5
1984	47,247.22	29,729	28,812	0.5993	20,798	24.05	865	40.5
1985	5,404,547.49	3,329,390	3,226,698	0.5867	2,448,076	24.79	98,766	39.5
1987	2,718,221.55	1,603,309	1,553,856	0.5618	1,300,276	26.29	49,450	37.5
1988	1,473,940.83	849,251	823,056	0.5487	724,581	27.06	26,774	36.5
1990	10,521,540.36	5,776,247	5,598,084	0.5229	5,449,534	28.63	190,359	34.5
1991	86,132.87	46,068	44,647	0.5094	45,792	29.42	1,556	33.5
1994	60,822.38	29,935	29,012	0.4687	34,851	31.86	1,094	30.5
1995	1,422,398.39	680,238	659,257	0.4555	834,262	32.69	25,519	29.5
1996	1,224,020.27	567,040	549,550	0.4412	735,671	33.53	21,941	28.5
1997	1,145,752.44	513,457	497,620	0.4268	705,420	34.38	20,521	27.5
1998	1,573,598.67	682,589	661,536	0.4131	990,743	35.23	28,123	26.5
1999	21,688.99	9,075	8,795	0.3985	13,978	36.09	387	25.5
2000	2,873,034.57	1,157,623	1,121,917	0.3837	1,894,769	36.96	51,266	24.5
2001	2,311,965.35	897,373	869,695	0.3697	1,557,869	37.84	41,175	23.5
2002	2,594,819.36	966,402	936,594	0.3547	1,787,967	38.72	46,178	22.5
2003	174,558.10	62,229	60,310	0.3395	122,976	39.61	3,105	21.5

Newfoundland and Labrador Hydro

Account #: C13 - Conductor - Transmission

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 60
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2004	434,397.16	148,329	143,754	0.3252	312,363	40.51	7,711	20.5
2006	705,521.48	218,076	211,350	0.2944	529,448	42.32	12,511	18.5
2009	111,767.05	29,132	28,234	0.2482	89,122	45.08	1,977	15.5
2016	193,720.57	28,156	27,287	0.1384	176,119	51.71	3,406	8.5
2017	22,541,451.08	2,888,743	2,799,643	0.1221	20,868,881	52.68	396,160	7.5
2018	2,388,932.72	264,785	256,617	0.1056	2,251,762	53.64	41,975	6.5
2019	198,815.01	18,796	18,217	0.0900	190,539	54.62	3,489	5.5
2020	392,369.49	30,281	29,347	0.0735	382,641	55.59	6,883	4.5
TOTAL	87,921,463.62	40,352,175	39,107,550		53,209,986		1,592,681	

COMPOSITE ANNUAL ACCRUAL RATE	1.81%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.44
COMPOSITE AVERAGE AGE (YEARS)	29.56
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	33.77

Newfoundland and Labrador Hydro

Account #: C14 - Conductor - Distribution

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 48
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1971	3,753.07	3,493	4,001	0.8461	128	7.40	17	53.5
1977	656.03	573	656	0.7935	66	9.93	7	47.5
1980	680,075.68	569,576	652,356	0.7614	95,727	11.45	8,358	44.5
1981	3,685,630.54	3,040,078	3,481,912	0.7499	572,281	12.00	47,683	43.5
1982	319,034.16	258,992	296,633	0.7380	54,305	12.57	4,321	42.5
1983	365,982.33	292,374	334,867	0.7263	67,714	13.15	5,147	41.5
1984	831,408.62	652,568	747,410	0.7135	167,140	13.76	12,148	40.5
1985	1,131,140.14	871,588	998,261	0.7005	245,993	14.38	17,107	39.5
1986	648,179.20	489,900	561,101	0.6871	151,896	15.02	10,115	38.5
1987	904,137.33	669,691	767,022	0.6734	227,530	15.67	14,518	37.5
1988	910,959.24	660,655	756,672	0.6593	245,383	16.34	15,016	36.5
1989	1,267,583.16	900,187	1,031,017	0.6456	363,324	17.03	21,339	35.5
1990	798,285.42	553,993	634,509	0.6309	243,605	17.73	13,743	34.5
1991	662,612.06	448,957	514,207	0.6160	214,667	18.44	11,642	33.5
1992	209,024.16	138,119	158,193	0.6007	71,734	19.17	3,743	32.5
1993	713,935.17	459,574	526,367	0.5852	258,961	19.90	13,010	31.5
1994	522,936.57	327,536	375,139	0.5694	200,091	20.66	9,687	30.5
1995	760,328.36	463,428	530,781	0.5541	305,580	21.42	14,266	29.5
1996	732,160.70	433,148	496,100	0.5378	309,277	22.19	13,935	28.5
1997	1,384,168.06	793,678	909,028	0.5213	613,557	22.98	26,698	27.5
1998	522,694.74	290,081	332,240	0.5045	242,724	23.78	10,207	26.5
1999	504,085.58	270,327	309,615	0.4875	244,879	24.59	9,959	25.5
2000	681,829.02	352,806	404,081	0.4704	345,931	25.41	13,615	24.5
2001	576,907.14	287,981	329,835	0.4538	304,763	26.24	11,616	23.5
2002	3,842,135.81	1,843,322	2,111,225	0.4362	2,115,125	27.08	78,115	22.5
2003	442,238.40	203,477	233,050	0.4183	253,412	27.93	9,074	21.5
2004	285,827.04	125,833	144,121	0.4002	170,289	28.79	5,916	20.5
2005	211,959.87	89,061	102,005	0.3820	131,151	29.66	4,423	19.5

Newfoundland and Labrador Hydro

Account #: C14 - Conductor - Distribution

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 48
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2006	835,381.58	334,027	382,574	0.3635	536,346	30.53	17,566	18.5
2007	503,436.12	191,497	219,329	0.3458	334,451	31.42	10,645	17.5
2008	513,342.62	184,649	211,486	0.3270	353,191	32.32	10,930	16.5
2009	700,782.34	237,448	271,958	0.3080	498,902	33.22	15,019	15.5
2010	257,354.34	81,790	93,677	0.2889	189,412	34.13	5,550	14.5
2011	679,683.14	201,582	230,879	0.2696	516,772	35.05	14,744	13.5
2012	1,426,060.22	392,323	449,342	0.2501	1,119,324	35.97	31,114	12.5
2013	2,354,085.41	599,468	686,593	0.2315	1,902,901	36.91	51,559	11.5
2014	1,550,851.30	361,249	413,752	0.2118	1,292,185	37.85	34,142	10.5
2015	1,173,864.41	247,791	283,804	0.1919	1,007,447	38.79	25,970	9.5
2016	110,346.78	20,872	23,905	0.1720	97,477	39.74	2,453	8.5
2017	989,738.81	165,332	189,361	0.1519	899,352	40.70	22,098	7.5
2018	705,826.88	102,253	117,114	0.1317	659,295	41.66	15,826	6.5
2019	611,447.32	75,566	86,548	0.1124	586,044	42.63	13,749	5.5
2020	1,402,167.94	141,869	162,487	0.0920	1,379,897	43.60	31,653	4.5
2021	967,593.73	76,144	87,210	0.0715	977,143	44.57	21,925	3.5
2022	1,053,520.78	59,172	67,772	0.0511	1,091,101	45.55	23,956	2.5
2023	1,236,859.73	41,469	47,496	0.0305	1,313,049	46.53	28,222	1.5
TOTAL	40,672,011.05	19,005,495	21,767,691		22,971,521		782,546	

COMPOSITE ANNUAL ACCRUAL RATE	1.92%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.54
COMPOSITE AVERAGE AGE (YEARS)	22.95
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	27.61

Newfoundland and Labrador Hydro

Account #: C15 - Control, Meter, Relaying

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	11,394.61	11,323	11,377	0.9937	18	0.50	18	58.5
1967	2,136,256.49	2,110,899	2,120,916	0.9881	15,340	0.56	15,340	57.5
1968	127,981.04	125,629	126,225	0.9816	1,756	0.73	1,756	56.5
1969	15,677.96	15,288	15,361	0.9751	317	0.94	317	55.5
1970	391,631.57	379,170	380,969	0.9682	10,662	1.17	9,145	54.5
1974	120,963.38	113,651	114,190	0.9396	6,773	2.14	3,158	50.5
1975	595,165.02	554,718	557,350	0.9320	37,815	2.40	15,765	49.5
1976	15,568.70	14,399	14,467	0.9249	1,101	2.65	415	48.5
1977	181,697.90	166,693	167,484	0.9174	14,214	2.91	4,885	47.5
1978	373,252.25	339,712	341,324	0.9101	31,928	3.17	10,080	46.5
1979	279,761.62	252,513	253,711	0.9026	26,050	3.43	7,598	45.5
1980	455,216.20	407,314	409,247	0.8948	45,969	3.69	12,444	44.5
1981	165,517.48	146,821	147,517	0.8870	18,000	3.97	4,535	43.5
1982	648,768.97	570,047	572,753	0.8787	76,016	4.26	17,855	42.5
1983	388,062.45	337,661	339,263	0.8701	48,799	4.56	10,699	41.5
1984	92,987.45	80,042	80,422	0.8608	12,566	4.88	2,574	40.5
1985	237,034.51	201,750	202,707	0.8511	34,328	5.23	6,570	39.5
1986	336,964.88	283,253	284,597	0.8406	52,368	5.59	9,368	38.5
1987	335,767.09	278,418	279,739	0.8292	56,028	5.98	9,370	37.5
1988	261,100.34	213,473	214,486	0.8176	46,614	6.39	7,290	36.5
1989	407,409.64	327,859	329,415	0.8047	77,995	6.84	11,408	35.5
1990	770,019.54	609,532	612,425	0.7916	157,595	7.31	21,572	34.5
1991	309,733.43	240,716	241,858	0.7772	67,876	7.80	8,700	33.5
1992	1,048,626.09	799,535	803,330	0.7625	245,296	8.33	29,464	32.5
1993	57,776.54	43,130	43,335	0.7465	14,442	8.88	1,627	31.5
1994	407,969.30	297,732	299,145	0.7298	108,824	9.45	11,514	30.5
1995	1,030,705.24	734,821	738,308	0.7129	292,397	10.05	29,086	29.5
1996	291,875.54	202,801	203,763	0.6948	88,112	10.68	8,252	28.5

Newfoundland and Labrador Hydro

Account #: C15 - Control, Meter, Relaying

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1997	528,260.80	357,453	359,149	0.6767	169,112	11.33	14,932	27.5
1998	124,178.75	81,618	82,005	0.6573	42,174	11.99	3,516	26.5
1999	472,615.45	301,524	302,955	0.6380	169,661	12.68	13,376	25.5
2000	633,252.16	390,970	392,825	0.6174	240,427	13.39	17,952	24.5
2001	950,459.04	566,787	569,477	0.5963	380,982	14.12	26,981	23.5
2002	239,056.24	137,565	138,218	0.5755	100,839	14.87	6,783	22.5
2003	446,753.60	247,207	248,380	0.5533	198,374	15.63	12,694	21.5
2004	368,723.38	195,991	196,921	0.5315	171,802	16.40	10,473	20.5
2005	409,373.67	208,195	209,183	0.5086	200,191	17.20	11,641	19.5
2006	235,093.86	114,230	114,772	0.4859	120,322	18.01	6,683	18.5
2008	178,436.70	78,127	78,497	0.4378	99,939	19.66	5,082	16.5
2009	617,182.80	255,501	256,714	0.4140	360,469	20.52	17,571	15.5
2010	457,330.47	177,892	178,737	0.3890	278,594	21.38	13,031	14.5
2011	450,020.75	163,979	164,757	0.3644	285,264	22.25	12,818	13.5
2012	885,999.04	300,026	301,450	0.3386	584,549	23.14	25,258	12.5
2013	805,547.58	252,531	253,730	0.3135	551,818	24.04	22,952	11.5
2014	358,631.33	102,963	103,452	0.2871	255,180	24.95	10,226	10.5
2015	6,233,339.10	1,622,725	1,630,426	0.2603	4,602,913	25.87	177,896	9.5
2016	2,515,413.00	589,336	592,133	0.2343	1,923,280	26.80	71,751	8.5
2017	5,390,356.64	1,116,127	1,121,424	0.2071	4,268,933	27.74	153,868	7.5
2018	6,433,888.18	1,161,317	1,166,828	0.1805	5,267,060	28.69	183,575	6.5
2019	4,005,123.80	612,063	614,968	0.1528	3,390,156	29.65	114,352	5.5
2020	5,465,827.94	688,312	691,578	0.1259	4,774,250	30.61	155,980	4.5
2021	3,590,588.78	351,160	352,826	0.0978	3,237,763	31.58	102,540	3.5
2022	3,278,406.60	228,112	229,194	0.0696	3,049,213	32.55	93,682	2.5
2023	471,013.68	19,896	19,990	0.0422	451,024	33.53	13,453	1.5
2024	1,510,172.23	20,780	20,879	0.0138	1,489,294	34.51	43,158	0.5

Newfoundland and Labrador Hydro

Account #: C15 - Control, Meter, Relaying

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	58,549,930.80	20,201,283	20,297,149		38,252,782		1,613,029	

COMPOSITE ANNUAL ACCRUAL RATE	2.75%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.35
COMPOSITE AVERAGE AGE (YEARS)	14.85
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	22.93

Newfoundland and Labrador Hydro

Account #: C16 - Cooling Systems and Water Supply Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 40
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1965	43,527.51	37,685	43,528	0.8658	0	5.83	0	59.5
1966	172,222.99	147,671	172,223	0.8574	0	6.11	0	58.5
1967	10,039.39	8,530	10,039	0.8497	0	6.41	0	57.5
1968	10,523.69	8,852	10,524	0.8412	0	6.70	0	56.5
1969	80,762.96	67,290	80,763	0.8332	0	7.01	0	55.5
1970	5,778.10	4,763	5,778	0.8244	0	7.31	0	54.5
1971	9,746.00	7,954	9,746	0.8161	0	7.63	0	53.5
1973	19,339.13	15,440	19,339	0.7984	0	8.28	0	51.5
1976	13,007.24	10,014	13,007	0.7699	0	9.33	0	48.5
1977	316,173.39	240,434	316,173	0.7605	0	9.70	0	47.5
1978	52,656.72	39,512	52,657	0.7504	0	10.08	0	46.5
1979	303,988.80	224,970	303,989	0.7401	0	10.48	0	45.5
1980	38,668.32	28,190	38,668	0.7290	0	10.88	0	44.5
1981	41,740.16	29,975	41,740	0.7181	0	11.30	0	43.5
1982	166,052.48	117,391	166,052	0.7070	0	11.73	0	42.5
1983	8,937.20	6,220	8,937	0.6960	0	12.17	0	41.5
1984	249,308.82	170,477	249,309	0.6838	0	12.63	0	40.5
1985	326,739.18	219,657	326,739	0.6723	0	13.10	0	39.5
1986	10,359.04	6,831	10,212	0.6594	147	13.58	11	38.5
1987	40,022.75	25,910	38,731	0.6474	1,291	14.08	92	37.5
1988	125,915.36	79,818	119,317	0.6339	6,598	14.59	452	36.5
1989	259,668.77	161,314	241,143	0.6212	18,526	15.11	1,226	35.5
1990	44,904.42	27,268	40,762	0.6072	4,143	15.64	265	34.5
1991	28,308.25	16,816	25,137	0.5940	3,171	16.19	196	33.5
1992	126,053.08	73,034	109,176	0.5794	16,877	16.75	1,008	32.5
1993	15,945.46	9,019	13,482	0.5656	2,463	17.32	142	31.5
1994	77,937.67	42,895	64,123	0.5504	13,815	17.90	772	30.5
1995	186,170.46	99,804	149,194	0.5361	36,977	18.50	1,999	29.5

Newfoundland and Labrador Hydro

Account #: C16 - Cooling Systems and Water Supply Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 40
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1996	39,359.32	20,477	30,611	0.5203	8,748	19.11	458	28.5
1998	362,777.54	177,438	265,246	0.4891	97,531	20.36	4,791	26.5
1999	18,116.97	8,572	12,814	0.4731	5,303	21.00	253	25.5
2000	79,203.04	36,241	54,175	0.4576	25,028	21.65	1,156	24.5
2002	39,354.90	16,676	24,929	0.4237	14,426	22.98	628	22.5
2003	1,297,368.23	528,665	790,283	0.4075	507,085	23.66	21,434	21.5
2005	67,709.51	25,259	37,759	0.3731	29,951	25.04	1,196	19.5
2006	44,286.56	15,712	23,487	0.3548	20,800	25.75	808	18.5
2007	99,765.63	33,694	50,368	0.3377	49,398	26.46	1,867	17.5
2008	385,029.94	122,855	183,652	0.3191	201,377	27.18	7,408	16.5
2009	462,109.94	139,414	208,405	0.3017	253,705	27.91	9,089	15.5
2010	348,761.61	98,581	147,365	0.2827	201,396	28.65	7,030	14.5
2011	390,280.49	103,389	154,553	0.2649	235,727	29.39	8,020	13.5
2013	1,930,372.48	437,751	654,379	0.2268	1,275,993	30.89	41,302	11.5
2014	307,037.06	63,808	95,385	0.2078	211,652	31.66	6,686	10.5
2015	3,720,331.10	704,891	1,053,719	0.1895	2,666,612	32.42	82,247	9.5
2016	549,699.91	93,147	139,242	0.1695	410,458	33.19	12,365	8.5
2017	1,764,765.22	266,180	397,903	0.1508	1,366,862	33.97	40,233	7.5
2018	3,519,322.40	459,166	686,392	0.1305	2,832,930	34.76	81,503	6.5
2019	518,623.36	57,858	86,489	0.1116	432,134	35.55	12,156	5.5
2020	1,440,120.29	130,907	195,688	0.0909	1,244,432	36.35	34,239	4.5
2021	748,066.87	53,621	80,157	0.0717	667,910	37.15	17,980	3.5
2022	521,977.62	26,475	39,576	0.0507	482,401	37.96	12,710	2.5
2023	1,046,616.04	32,623	48,767	0.0312	997,849	38.77	25,738	1.5
2024	645,706.01	6,386	9,546	0.0099	636,160	39.59	16,069	0.5

Newfoundland and Labrador Hydro

Account #: C16 - Cooling Systems and Water Supply Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 40
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	23,131,259.38	5,587,518	8,151,381		14,979,878		453,529	

COMPOSITE ANNUAL ACCRUAL RATE	1.96%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.35
COMPOSITE AVERAGE AGE (YEARS)	13.10
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	30.33

Newfoundland and Labrador Hydro

Account #: C17 - Counterpoise

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	431,098.26	336,817	365,403	0.7813	65,696	12.05	5,453	57.5
1968	247,792.88	191,618	207,881	0.7733	39,912	12.48	3,199	56.5
1970	546.00	413	448	0.7565	98	13.38	7	54.5
1974	15,552.35	11,189	12,138	0.7194	3,414	15.37	222	50.5
1981	9,506.07	6,136	6,657	0.6455	2,849	19.43	147	43.5
1982	27,542.40	17,465	18,947	0.6341	8,595	20.06	429	42.5
1983	15,526.13	9,666	10,486	0.6226	5,040	20.70	243	41.5
1985	214,651.00	128,374	139,269	0.5981	75,382	22.03	3,422	39.5
1986	106,804.26	62,577	67,887	0.5859	38,917	22.71	1,714	38.5
1987	11,117.41	6,376	6,917	0.5735	4,200	23.40	180	37.5
1988	215,117.18	120,681	130,923	0.5610	84,194	24.10	3,494	36.5
1989	147,661.97	80,849	87,710	0.5475	59,952	24.81	2,416	35.5
1990	34,172.01	18,269	19,819	0.5346	14,353	25.53	562	34.5
1991	558.98	292	316	0.5215	243	26.26	9	33.5
1992	161,824.60	82,246	89,226	0.5082	72,599	27.00	2,689	32.5
1993	365,268.31	180,735	196,074	0.4948	169,195	27.75	6,098	31.5
1994	331,398.89	159,486	173,021	0.4813	158,378	28.51	5,556	30.5
1995	19,011.26	8,873	9,626	0.4667	9,385	29.27	321	29.5
1996	17,886.51	8,100	8,787	0.4529	9,099	30.05	303	28.5
1997	48,442.27	21,256	23,061	0.4388	25,382	30.83	823	27.5
1999	3,158.47	1,296	1,406	0.4102	1,753	32.42	54	25.5
2000	280,787.97	110,890	120,301	0.3949	160,487	33.23	4,829	24.5
2001	216,852.36	82,467	89,466	0.3803	127,387	34.05	3,742	23.5
2002	181,203.61	66,234	71,855	0.3655	109,349	34.87	3,136	22.5
2003	352,909.92	123,723	134,224	0.3506	218,686	35.70	6,126	21.5
2017	3,055,161.90	387,364	420,239	0.1268	2,634,922	48.01	54,886	7.5
2018	361,149.73	39,817	43,196	0.1103	317,954	48.93	6,499	6.5

Newfoundland and Labrador Hydro

Account #: C17 - Counterpoise

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	6,872,702.70	2,263,206	2,455,284		4,417,419		116,559	

COMPOSITE ANNUAL ACCRUAL RATE	1.70%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.36
COMPOSITE AVERAGE AGE (YEARS)	21.45
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	36.86

Newfoundland and Labrador Hydro

Account #: C18 - Cranes

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 70
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	658,978.00	466,965	337,114	0.7086	321,864	20.41	15,770	58.5
1967	149,688.01	104,666	75,561	0.6992	74,127	21.03	3,524	57.5
1969	234,007.00	159,417	115,087	0.6813	118,920	22.32	5,328	55.5
1979	597,576.53	347,013	250,517	0.5807	347,059	29.35	11,824	45.5
1980	135,266.17	77,123	55,677	0.5702	79,589	30.11	2,644	44.5
1982	1,497,657.92	820,657	592,453	0.5480	905,205	31.64	28,611	42.5
1984	993,957.00	522,831	377,445	0.5260	616,512	33.20	18,569	40.5
1985	123,618.00	63,559	45,885	0.5142	77,733	33.99	2,287	39.5
1988	304,605.66	146,031	105,424	0.4794	199,182	36.42	5,469	36.5
1989	23,800.39	11,136	8,040	0.4679	15,761	37.24	423	35.5
1995	3,781.63	1,494	1,079	0.3951	2,703	42.32	64	29.5
1996	6,207.08	2,376	1,716	0.3829	4,491	43.19	104	28.5
2002	8,414.90	2,577	1,860	0.3062	6,555	48.54	135	22.5
2003	1,560,150.29	457,857	330,539	0.2935	1,229,611	49.45	24,866	21.5
2006	93,901.29	23,834	17,206	0.2538	76,695	52.21	1,469	18.5
2008	15,189.34	3,459	2,497	0.2277	12,692	54.08	235	16.5
2014	31,583.09	4,614	3,331	0.1461	28,252	59.77	473	10.5
2015	13,442.50	1,783	1,287	0.1327	12,155	60.73	200	9.5
2016	580,606.70	68,610	49,532	0.1182	531,075	61.70	8,608	8.5
2017	35,426.30	3,705	2,675	0.1046	32,751	62.67	523	7.5
2019	419,158.77	32,451	23,427	0.0774	395,731	64.61	6,125	5.5
2020	21,841.52	1,371	990	0.0628	20,852	65.59	318	4.5
2021	489,269.53	24,023	17,343	0.0491	471,927	66.56	7,090	3.5
2022	727,996.69	25,757	18,594	0.0354	709,402	67.54	10,503	2.5
2023	661,769.20	13,685	9,880	0.0207	651,889	68.52	9,513	1.5

Newfoundland and Labrador Hydro

Account #: C18 - Cranes

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 70
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	9,387,893.51	3,386,998	2,445,162		6,942,732		164,675	

COMPOSITE ANNUAL ACCRUAL RATE	1.75%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.26
COMPOSITE AVERAGE AGE (YEARS)	27.98
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	44.74

Newfoundland and Labrador Hydro

Account #: C21 - Cell Phones

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 3
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2022	164,523.32	137,103	82,340	0.8333	82,184	0.50	82,184	2.5
2023	116,350.90	58,175	34,938	0.5000	81,413	1.50	54,275	1.5
2024	166,565.92	27,761	16,672	0.1667	149,894	2.50	59,957	0.5
TOTAL	447,440.14	223,039	133,951		313,490		196,416	

COMPOSITE ANNUAL ACCRUAL RATE	43.90%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.30
COMPOSITE AVERAGE AGE (YEARS)	1.50
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	1.50

Newfoundland and Labrador Hydro

Account #: C22 - Charger - Charging Station

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 10
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2021	209,946.66	73,481	67,100	0.3500	142,847	6.50	21,976	3.5
2022	656,526.72	164,132	149,878	0.2500	506,649	7.50	67,553	2.5
2023	86,504.40	12,976	11,849	0.1500	74,656	8.50	8,783	1.5
2024	143,582.34	7,179	6,556	0.0500	137,027	9.50	14,424	0.5
TOTAL	1,096,560.12	257,768	235,382		861,178		112,736	

COMPOSITE ANNUAL ACCRUAL RATE	10.28%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.21
COMPOSITE AVERAGE AGE (YEARS)	2.35
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	7.65

Newfoundland and Labrador Hydro

Account #: D01 - Dams, Dykes, Canals, and Tunnels

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 110
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1956	615,305.93	384,878	198,285	0.5957	447,786	44.50	10,063	68.5
1966	42,865,946.03	23,264,378	11,985,600	0.5169	33,023,643	53.16	621,189	58.5
1967	27,131,965.00	14,494,981	7,467,685	0.5088	21,020,878	54.06	388,850	57.5
1969	146,223.72	75,624	38,961	0.4926	114,574	55.87	2,051	55.5
1970	4,899,824.94	2,487,004	1,281,282	0.4834	3,863,534	56.78	68,045	54.5
1978	3,644,386.00	1,593,475	820,944	0.4164	3,005,661	64.22	46,801	46.5
1979	26,954,544.28	11,544,497	5,947,622	0.4079	22,354,650	65.17	343,027	45.5
1980	8,733,611.13	3,662,156	1,886,710	0.3994	7,283,582	66.12	110,159	44.5
1982	54,580,024.25	21,846,201	11,254,968	0.3812	46,054,058	68.03	676,985	42.5
1983	21,684,267.05	8,483,991	4,370,877	0.3726	18,397,604	68.99	266,682	41.5
1984	113,124,637.53	43,231,485	22,272,476	0.3640	96,508,394	69.95	1,379,707	40.5
1985	10,995,558.61	4,101,365	2,112,987	0.3552	9,432,350	70.91	133,014	39.5
1986	48,803.37	17,761	9,150	0.3466	42,093	71.88	586	38.5
1988	11,992,331.84	4,144,514	2,135,217	0.3291	10,456,732	73.82	141,654	36.5
1989	503,088.54	169,217	87,179	0.3203	441,064	74.79	5,897	35.5
1992	38,009.96	11,694	6,025	0.2930	33,886	77.72	436	32.5
1993	4,711.97	1,406	724	0.2842	4,223	78.70	54	31.5
2003	28,219,035.47	5,758,588	2,966,773	0.1944	26,663,214	88.57	301,035	21.5
2005	2,863,283.51	530,638	273,380	0.1765	2,733,068	90.56	30,181	19.5
2009	704,177.11	104,024	53,592	0.1407	685,794	94.53	7,254	15.5
2010	496,885.77	68,712	35,400	0.1317	486,330	95.53	5,091	14.5
2012	1,302,985.46	155,694	80,212	0.1138	1,287,923	97.52	13,206	12.5
2014	158,306.95	15,766	8,123	0.0949	158,100	99.52	1,589	10.5
2016	351,080.84	28,348	14,605	0.0769	354,030	101.51	3,488	8.5
2017	53,322.71	3,802	1,959	0.0679	54,030	102.51	527	7.5
2018	27,580.00	1,706	879	0.0589	28,080	103.51	271	6.5
2019	989,541.73	51,847	26,711	0.0499	1,012,308	104.51	9,687	5.5
2020	404,559.60	17,412	8,971	0.0410	415,817	105.51	3,941	4.5

Newfoundland and Labrador Hydro

Account #: D01 - Dams, Dykes, Canals, and Tunnels

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 110
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2021	261,406.64	8,783	4,525	0.0320	269,952	106.50	2,535	3.5
2023	522,069.71	7,674	3,954	0.0140	544,219	108.50	5,016	1.5
2024	100,060.79	525	271	0.0050	104,793	109.50	957	0.5
TOTAL	364,417,536.44	146,268,145	75,356,045		307,282,369		4,579,978	

COMPOSITE ANNUAL ACCRUAL RATE	1.26%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.21
COMPOSITE AVERAGE AGE (YEARS)	42.74
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	67.94

Newfoundland and Labrador Hydro

Account #: D02 - Diesel Systems and Engines

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L0.5
ASL: 22
Net Salvage: -15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1965	644,462.40	629,962	584,556	0.8500	156,576	4.56	34,310	59.5
1968	5,919.00	5,634	5,228	0.8277	1,579	4.87	324	56.5
1973	394,804.06	358,103	332,292	0.7887	121,733	5.41	22,488	51.5
1980	1,031,852.98	865,232	802,868	0.7292	383,763	6.38	60,152	44.5
1981	418,076.02	346,167	321,216	0.7200	159,572	6.54	24,394	43.5
1982	873,169.19	713,806	662,356	0.7109	341,788	6.71	50,947	42.5
1983	1,238,000.00	998,597	926,621	0.7014	497,079	6.88	72,233	41.5
1984	337,094.61	268,246	248,912	0.6920	138,747	7.06	19,650	40.5
1986	154,494.96	119,465	110,854	0.6724	66,815	7.44	8,985	38.5
1987	41,924.03	31,937	29,635	0.6624	18,577	7.63	2,434	37.5
1988	83,806.15	62,845	58,315	0.6521	38,062	7.84	4,858	36.5
1989	64,057.60	47,277	43,869	0.6418	29,797	8.04	3,705	35.5
1990	281,080.18	203,972	189,270	0.6310	133,972	8.26	16,225	34.5
1991	179,717.94	128,205	118,964	0.6203	87,711	8.48	10,347	33.5
1992	25,531.32	17,885	16,596	0.6091	12,765	8.70	1,467	32.5
1993	51,636.33	35,511	32,951	0.5980	26,430	8.94	2,958	31.5
1994	684,643.25	461,696	428,418	0.5864	358,922	9.17	39,126	30.5
1995	566,318.15	374,354	347,371	0.5748	303,894	9.42	32,267	29.5
1996	530,077.55	343,016	318,292	0.5627	291,297	9.67	30,128	28.5
1997	1,008,433.67	638,530	592,506	0.5506	567,193	9.93	57,141	27.5
1998	635,794.87	393,586	365,217	0.5383	365,947	10.19	35,913	26.5
1999	205,225.88	124,015	115,076	0.5255	120,934	10.46	11,561	25.5
2000	738,312.68	435,194	403,826	0.5126	445,234	10.74	41,463	24.5
2001	1,299,331.83	745,786	692,031	0.4991	802,200	11.02	72,777	23.5
2002	889,815.01	497,011	461,187	0.4857	562,100	11.31	49,680	22.5
2003	39,390.26	21,364	19,824	0.4716	25,475	11.61	2,194	21.5
2005	1,168,251.68	594,964	552,080	0.4429	791,409	12.24	64,683	19.5
2006	259,930.24	127,975	118,751	0.4281	180,169	12.56	14,347	18.5

Newfoundland and Labrador Hydro

Account #: D02 - Diesel Systems and Engines

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L0.5
ASL: 22
Net Salvage: -15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2007	633,828.84	300,837	279,153	0.4127	449,750	12.89	34,895	17.5
2009	966,012.07	423,786	393,240	0.3815	717,674	13.58	52,863	15.5
2010	224,902.44	94,386	87,583	0.3649	171,055	13.93	12,277	14.5
2011	93,180.98	37,329	34,638	0.3484	72,520	14.30	5,071	13.5
2012	553,946.97	210,847	195,650	0.3310	441,389	14.68	30,076	12.5
2013	405,023.86	145,944	135,425	0.3133	330,352	15.07	21,926	11.5
2014	831,890.58	281,717	261,411	0.2945	695,263	15.48	44,922	10.5
2015	4,207,427.21	1,330,309	1,234,423	0.2749	3,604,119	15.91	226,481	9.5
2016	2,726,874.09	795,360	738,032	0.2536	2,397,873	16.38	146,385	8.5
2017	3,315,919.95	882,056	818,479	0.2313	2,994,829	16.88	177,400	7.5
2018	5,215,609.78	1,240,526	1,151,112	0.2068	4,846,840	17.42	278,222	6.5
2019	3,203,814.07	667,242	619,149	0.1811	3,065,237	18.00	170,303	5.5
2020	5,238,127.65	924,811	858,153	0.1535	5,165,694	18.62	277,454	4.5
2021	3,865,374.28	548,180	508,668	0.1233	3,936,512	19.28	204,179	3.5
2022	4,084,609.83	430,743	399,695	0.0917	4,297,606	19.99	215,028	2.5
2023	5,326,257.07	349,626	324,426	0.0571	5,800,770	20.74	279,670	1.5
2024	7,692,554.24	180,025	167,049	0.0204	8,679,388	21.56	402,617	0.5
TOTAL	62,436,505.75	18,434,057	17,105,368		54,696,614		3,366,526	

COMPOSITE ANNUAL ACCRUAL RATE 5.39%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.27

COMPOSITE AVERAGE AGE (YEARS) 11.30

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 16.39

Newfoundland and Labrador Hydro

Account #: D03 - Disconnect Switches

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1965	110,940.26	88,416	105,889	0.7970	5,051	11.24	449	59.5
1966	80,736.13	63,737	76,333	0.7895	4,403	11.64	378	58.5
1967	550,503.56	430,108	515,106	0.7813	35,397	12.05	2,938	57.5
1968	275,433.61	212,993	255,084	0.7733	20,349	12.48	1,631	56.5
1969	157,136.48	120,215	143,972	0.7650	13,165	12.92	1,019	55.5
1970	1,050,877.35	795,020	952,131	0.7565	98,746	13.38	7,382	54.5
1971	229,728.17	171,776	205,722	0.7477	24,006	13.85	1,733	53.5
1972	230,891.28	170,571	204,279	0.7388	26,612	14.34	1,856	52.5
1974	69,613.91	50,082	59,979	0.7194	9,635	15.37	627	50.5
1975	152,566.64	108,269	129,665	0.7097	22,902	15.91	1,440	49.5
1976	20,025.02	14,011	16,780	0.6997	3,245	16.46	197	48.5
1977	269,960.29	186,119	222,899	0.6894	47,061	17.02	2,764	47.5
1978	230,782.31	156,545	187,482	0.6783	43,301	17.60	2,460	46.5
1979	42,312.17	28,248	33,830	0.6676	8,482	18.20	466	45.5
1980	274,055.46	179,967	215,532	0.6567	58,524	18.81	3,112	44.5
1981	133,777.58	86,356	103,422	0.6455	30,356	19.43	1,563	43.5
1982	279,099.01	176,978	211,952	0.6341	67,147	20.06	3,347	42.5
1983	44,083.42	27,444	32,868	0.6226	11,216	20.70	542	41.5
1984	54,495.57	33,248	39,819	0.6101	14,677	21.36	687	40.5
1985	15,913.15	9,517	11,398	0.5981	4,515	22.03	205	39.5
1986	31,745.19	18,600	22,275	0.5859	9,470	22.71	417	38.5
1987	151,700.26	87,005	104,198	0.5735	47,502	23.40	2,030	37.5
1988	124,507.15	69,849	83,652	0.5610	40,855	24.10	1,695	36.5
1989	502,766.48	275,277	329,677	0.5475	173,089	24.81	6,977	35.5
1990	474,557.33	253,703	303,840	0.5346	170,718	25.53	6,687	34.5
1991	29,945.67	15,617	18,703	0.5215	11,242	26.26	428	33.5
1992	231,030.02	117,419	140,623	0.5082	90,407	27.00	3,349	32.5
1993	11,983.27	5,929	7,101	0.4948	4,882	27.75	176	31.5

Newfoundland and Labrador Hydro

Account #: D03 - Disconnect Switches

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1994	35,727.81	17,194	20,592	0.4813	15,136	28.51	531	30.5
1995	422,370.98	197,129	236,085	0.4667	186,286	29.27	6,364	29.5
1996	260,076.96	117,776	141,051	0.4529	119,026	30.05	3,961	28.5
1997	30,529.45	13,396	16,044	0.4388	14,486	30.83	470	27.5
1998	166,141.53	70,542	84,482	0.4246	81,659	31.62	2,582	26.5
2000	65,796.96	25,985	31,120	0.3949	34,677	33.23	1,044	24.5
2001	68,936.47	26,216	31,397	0.3803	37,540	34.05	1,103	23.5
2002	169,171.33	61,836	74,055	0.3655	95,116	34.87	2,728	22.5
2003	101,450.51	35,567	42,595	0.3506	58,855	35.70	1,649	21.5
2004	143,080.12	48,011	57,499	0.3356	85,581	36.54	2,342	20.5
2005	170,690.21	54,685	65,492	0.3204	105,199	37.38	2,814	19.5
2006	31,535.40	9,594	11,490	0.3042	20,045	38.24	524	18.5
2009	532,335.09	137,130	164,229	0.2576	368,106	40.83	9,015	15.5
2010	4,301.46	1,040	1,246	0.2418	3,056	41.71	73	14.5
2011	1,118,767.82	251,807	301,568	0.2251	817,199	42.59	19,187	13.5
2012	1,316,945.94	275,347	329,761	0.2091	987,185	43.48	22,704	12.5
2013	1,081,960.39	208,818	250,085	0.1930	831,876	44.38	18,746	11.5
2014	499,958.08	88,393	105,861	0.1768	394,097	45.28	8,704	10.5
2015	3,525,807.47	565,945	677,787	0.1605	2,848,021	46.18	61,670	9.5
2016	2,076,540.24	299,333	358,487	0.1442	1,718,053	47.09	36,483	8.5
2017	6,652,330.19	843,449	1,010,131	0.1268	5,642,200	48.01	117,529	7.5
2018	1,725,039.33	190,186	227,770	0.1103	1,497,269	48.93	30,603	6.5
2019	2,281,632.62	213,561	255,765	0.0936	2,025,868	49.85	40,639	5.5
2020	1,808,042.18	139,057	166,537	0.0769	1,641,505	50.78	32,327	4.5
2021	1,580,022.55	95,070	113,858	0.0602	1,466,165	51.71	28,354	3.5
2022	1,710,602.04	72,487	86,812	0.0424	1,623,791	52.65	30,844	2.5
2023	769,726.36	19,613	23,488	0.0255	746,238	53.58	13,926	1.5
2024	1,996,499.17	16,980	20,336	0.0085	1,976,163	54.53	36,242	0.5

Newfoundland and Labrador Hydro

Account #: D03 - Disconnect Switches

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	36,177,185.40	8,049,162	9,639,831		26,537,355		589,713	

COMPOSITE ANNUAL ACCRUAL RATE	1.63%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.27
COMPOSITE AVERAGE AGE (YEARS)	14.38
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	42.75

Newfoundland and Labrador Hydro

Account #: D04 - Dykes and Liners

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L1.5
ASL: 42
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	26,479.96	18,454	27,804	0.6637	0	14.25	0	56.5
1974	142,100.00	93,408	147,029	0.6260	2,176	15.80	138	50.5
1975	213,342.87	138,860	218,572	0.6199	5,438	16.06	339	49.5
1980	53,900.59	33,264	52,359	0.5878	4,237	17.37	244	44.5
1981	213,183.92	130,098	204,779	0.5812	19,064	17.63	1,081	43.5
1982	89,895.87	54,233	85,365	0.5746	9,025	17.90	504	42.5
1983	68,476.83	40,832	64,272	0.5679	7,629	18.17	420	41.5
1985	211,511.23	123,125	193,804	0.5544	28,283	18.71	1,511	39.5
1987	118,811.80	67,462	106,189	0.5408	18,564	19.27	963	37.5
1990	264,232.48	143,984	226,637	0.5190	50,807	20.15	2,522	34.5
1992	217,059.26	114,827	180,742	0.5038	47,170	20.77	2,271	32.5
1998	39,596.79	18,764	29,535	0.4513	12,042	22.94	525	26.5
1999	134,484.01	62,302	98,067	0.4412	43,141	23.36	1,847	25.5
2002	75,888.45	32,570	51,266	0.4087	28,417	24.75	1,148	22.5
2005	16,513.92	6,427	10,116	0.3706	7,224	26.36	274	19.5
2011	478,782.72	139,518	219,607	0.2775	283,115	30.31	9,341	13.5
TOTAL	2,364,260.70	1,218,128	1,916,143		566,331		23,128	

COMPOSITE ANNUAL ACCRUAL RATE	0.98%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.81
COMPOSITE AVERAGE AGE (YEARS)	33.63
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	21.38

Newfoundland and Labrador Hydro

Account #: E01 - Elevators

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S5
ASL: 45
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1971	89,800.00	85,511	89,800	0.9522	0	2.18	0	53.5
TOTAL	89,800.00	85,511	89,800		0		0	

COMPOSITE ANNUAL ACCRUAL RATE	0.00%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	1.00
COMPOSITE AVERAGE AGE (YEARS)	53.50
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	2.18

Newfoundland and Labrador Hydro

Account #: E02 - EMS Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S0.5
ASL: 30
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1990	12,414.01	8,729	12,414	0.7032	0	8.95	0	34.5
1998	99,085.18	58,310	91,119	0.5885	7,966	12.32	647	26.5
1999	7,102.65	4,071	6,361	0.5731	742	12.78	58	25.5
2000	40,242.13	22,433	35,056	0.5575	5,186	13.25	391	24.5
2001	32,805.32	17,747	27,732	0.5410	5,073	13.73	369	23.5
2016	110,487.85	26,746	41,795	0.2421	68,693	22.72	3,024	8.5
2020	31,866.78	4,367	6,825	0.1371	25,042	25.89	967	4.5
2021	15,385.63	1,673	2,614	0.1087	12,772	26.75	478	3.5
TOTAL	349,389.55	144,075	223,916		125,474		5,934	

COMPOSITE ANNUAL ACCRUAL RATE	1.70%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.64
COMPOSITE AVERAGE AGE (YEARS)	17.54
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	17.61

Newfoundland and Labrador Hydro

Account #: E03 - Environmental Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 47
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	274,549.34	240,236	274,549	0.8750	0	5.88	0	56.5
1994	100,098.42	58,052	74,279	0.5800	25,820	19.75	1,308	30.5
1995	29,947.59	16,892	21,614	0.5641	8,334	20.50	406	29.5
1997	129,242.84	68,596	87,769	0.5308	41,474	22.05	1,881	27.5
2008	71,891.96	23,961	30,658	0.3333	41,234	31.33	1,316	16.5
2015	20,165.58	3,946	5,049	0.1957	15,116	37.80	400	9.5
2018	14,203.78	1,912	2,446	0.1346	11,758	40.66	289	6.5
2020	2,088.40	196	251	0.0939	1,837	42.60	43	4.5
2023	5,875.95	185	237	0.0315	5,639	45.53	124	1.5
TOTAL	648,063.86	413,976	496,852		151,212		5,767	

COMPOSITE ANNUAL ACCRUAL RATE 0.89%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.77

COMPOSITE AVERAGE AGE (YEARS) 37.79

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 16.98

Newfoundland and Labrador Hydro

Account #: F01 - Fall Arrest Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 15
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2005	198,105.16	188,160	198,105	0.9498	0	0.84	0	19.5
2006	217,857.72	203,104	217,858	0.9323	0	1.07	0	18.5
2007	167,585.18	153,161	167,585	0.9139	0	1.34	0	17.5
2008	199,279.40	177,996	199,279	0.8932	0	1.64	0	16.5
2009	449,867.31	390,543	449,867	0.8681	0	2.00	0	15.5
2010	43,100.70	36,093	43,101	0.8374	0	2.46	0	14.5
2011	126,216.98	100,860	126,217	0.7991	0	3.02	0	13.5
2012	180,111.35	136,009	180,111	0.7551	0	3.68	0	12.5
2013	219,527.47	155,537	219,527	0.7085	0	4.38	0	11.5
2014	334,182.46	219,892	334,182	0.6580	0	5.13	0	10.5
2015	125,850.75	76,021	125,851	0.6041	0	5.94	0	9.5
2016	212,918.80	116,635	201,990	0.5478	10,929	6.79	1,610	8.5
2017	161,264.95	78,697	136,289	0.4880	24,976	7.68	3,252	7.5
2018	38,185.56	16,260	28,160	0.4258	10,026	8.61	1,165	6.5
2024	25,983.71	857	1,485	0.0330	24,499	14.50	1,690	0.5
TOTAL	2,700,037.50	2,049,828	2,629,608		70,430		7,717	

COMPOSITE ANNUAL ACCRUAL RATE	0.29%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.97
COMPOSITE AVERAGE AGE (YEARS)	13.40
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	3.63

Newfoundland and Labrador Hydro

Account #: F02 - Fencing

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 52
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	95,307.91	80,327	95,308	0.8428	0	8.18	0	57.5
1968	43,511.68	36,355	43,512	0.8355	0	8.57	0	56.5
1969	66,173.02	54,763	66,173	0.8276	0	8.96	0	55.5
1970	117,281.68	96,140	117,282	0.8197	0	9.38	0	54.5
1971	13,312.00	10,802	13,312	0.8115	0	9.81	0	53.5
1972	65,739.16	52,782	65,739	0.8029	0	10.26	0	52.5
1973	24,667.06	19,573	24,667	0.7935	0	10.73	0	51.5
1974	51,949.96	40,739	51,950	0.7842	0	11.22	0	50.5
1975	11,288.90	8,745	11,289	0.7746	0	11.73	0	49.5
1976	59,296.08	45,339	59,164	0.7646	133	12.25	11	48.5
1977	19,241.61	14,503	18,926	0.7538	316	12.79	25	47.5
1978	145,749.97	108,313	141,339	0.7431	4,411	13.35	330	46.5
1979	18,281.62	13,385	17,466	0.7322	815	13.93	59	45.5
1980	274,156.08	197,628	257,888	0.7209	16,268	14.53	1,120	44.5
1981	84,283.34	59,777	78,004	0.7092	6,279	15.14	415	43.5
1982	189,624.32	132,113	172,397	0.6967	17,228	15.76	1,093	42.5
1983	282,397.46	193,301	252,242	0.6845	30,156	16.40	1,838	41.5
1984	85,097.82	57,188	74,626	0.6720	10,472	17.06	614	40.5
1985	245,056.33	161,566	210,830	0.6593	34,227	17.73	1,930	39.5
1986	25,867.46	16,700	21,792	0.6456	4,075	18.42	221	38.5
1987	180,106.17	113,883	148,608	0.6323	31,499	19.11	1,648	37.5
1988	75,843.42	46,933	61,244	0.6188	14,599	19.83	736	36.5
1989	182,675.48	110,535	144,239	0.6051	38,437	20.55	1,871	35.5
1990	112,235.72	66,266	86,472	0.5904	25,764	21.28	1,210	34.5
1991	137,599.47	79,285	103,460	0.5762	34,139	22.03	1,550	33.5
1992	122,833.27	69,002	90,041	0.5618	32,792	22.79	1,439	32.5
1993	43,943.39	24,045	31,377	0.5472	12,567	23.56	533	31.5
1994	83,857.05	44,640	58,251	0.5323	25,606	24.34	1,052	30.5

Newfoundland and Labrador Hydro

Account #: F02 - Fencing

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 52
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1995	82,864.39	42,802	55,853	0.5165	27,011	25.13	1,075	29.5
1996	45,009.81	22,563	29,443	0.5013	15,566	25.93	600	28.5
1997	57,176.21	27,781	36,252	0.4859	20,924	26.74	783	27.5
1998	133,014.01	62,570	81,648	0.4704	51,366	27.56	1,864	26.5
1999	43,860.85	19,904	25,973	0.4538	17,888	28.39	630	25.5
2000	52,825.13	23,129	30,181	0.4378	22,644	29.23	775	24.5
2001	163,588.29	68,985	90,020	0.4217	73,568	30.08	2,446	23.5
2002	50,286.59	20,385	26,601	0.4054	23,686	30.93	766	22.5
2003	1,015,869.57	394,269	514,488	0.3881	501,382	31.80	15,767	21.5
2004	32,448.49	12,052	15,727	0.3714	16,722	32.67	512	20.5
2005	116,002.80	41,146	53,692	0.3547	62,310	33.56	1,857	19.5
2006	5,454.01	1,842	2,404	0.3377	3,050	34.45	89	18.5
2008	58,461.93	17,689	23,082	0.3026	35,380	36.25	976	16.5
2009	255,773.00	72,962	95,209	0.2853	160,564	37.16	4,320	15.5
2011	813,892.56	203,555	265,621	0.2501	548,271	39.01	14,054	13.5
2012	293,238.42	67,885	88,584	0.2315	204,655	39.94	5,124	12.5
2013	103,092.98	22,025	28,740	0.2136	74,353	40.88	1,819	11.5
2014	370,645.31	72,535	94,652	0.1957	275,993	41.83	6,598	10.5
2015	893,720.95	158,770	207,181	0.1777	686,540	42.78	16,049	9.5
2016	334,727.85	53,081	69,266	0.1586	265,461	43.73	6,070	8.5
2017	181,718.14	25,502	33,278	0.1403	148,440	44.69	3,321	7.5
2018	525,078.65	64,086	83,627	0.1221	441,452	45.65	9,669	6.5
2019	976,649.43	101,200	132,058	0.1036	844,591	46.62	18,116	5.5
2020	561,634.45	47,846	62,435	0.0852	499,200	47.59	10,489	4.5
2021	675,191.85	44,353	57,877	0.0657	617,314	48.57	12,711	3.5
2022	587,477.35	27,694	36,138	0.0471	551,339	49.54	11,128	2.5
2023	971,811.33	27,716	36,167	0.0285	935,644	50.52	18,518	1.5

Newfoundland and Labrador Hydro

Account #: F02 - Fencing

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 52
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	12,258,891.78	3,698,956	4,793,794		7,465,098		183,821	

COMPOSITE ANNUAL ACCRUAL RATE	1.50%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.39
COMPOSITE AVERAGE AGE (YEARS)	17.56
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	36.31

Newfoundland and Labrador Hydro

Account #: F03 - Fire Fighting Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 50
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	597,273.05	542,921	597,273	0.9090	0	4.56	0	57.5
1968	39,688.85	35,835	39,689	0.9029	0	4.87	0	56.5
1969	101,232.00	90,754	101,232	0.8965	0	5.18	0	55.5
1970	9,203.91	8,190	9,204	0.8898	0	5.52	0	54.5
1971	281,955.00	248,853	281,955	0.8826	0	5.88	0	53.5
1973	19,520.50	16,922	19,521	0.8669	0	6.66	0	51.5
1975	10,000.43	8,489	10,000	0.8489	0	7.56	0	49.5
1976	58,348.31	48,954	57,938	0.8390	410	8.06	51	48.5
1977	1,742.00	1,443	1,708	0.8284	34	8.59	4	47.5
1978	51,831.00	42,351	50,124	0.8171	1,707	9.15	187	46.5
1979	115,181.72	92,744	109,765	0.8052	5,417	9.74	556	45.5
1980	214,201.74	169,819	200,985	0.7928	13,217	10.36	1,276	44.5
1981	9,401.89	7,333	8,678	0.7799	724	11.01	66	43.5
1982	406,897.98	311,969	369,222	0.7667	37,676	11.67	3,229	42.5
1983	94,525.01	71,187	84,251	0.7531	10,274	12.35	832	41.5
1984	583,752.17	431,510	510,702	0.7392	73,050	13.04	5,602	40.5
1985	185,991.75	134,863	159,613	0.7251	26,379	13.74	1,919	39.5
1986	133,978.89	95,219	112,694	0.7107	21,285	14.46	1,472	38.5
1987	54,549.04	37,966	44,934	0.6960	9,615	15.20	633	37.5
1988	217,479.69	148,104	175,284	0.6810	42,195	15.95	2,646	36.5
1989	762,666.44	507,707	600,883	0.6657	161,783	16.71	9,680	35.5
1990	28,819.90	18,736	22,174	0.6501	6,646	17.49	380	34.5
1995	24,518.16	13,919	16,473	0.5677	8,045	21.61	372	29.5
1997	133,035.40	70,895	83,905	0.5329	49,130	23.36	2,104	27.5
1998	68,518.74	35,294	41,771	0.5151	26,747	24.25	1,103	26.5
1999	66,592.60	33,103	39,178	0.4971	27,414	25.15	1,090	25.5
2001	216,064.47	99,476	117,732	0.4604	98,332	26.98	3,645	23.5
2002	605,859.74	267,669	316,792	0.4418	289,067	27.91	10,357	22.5

Newfoundland and Labrador Hydro

ALG - Remaining Life
Survivor Curve: R4
ASL: 50
Net Salvage: 0%
Truncation Year:

Account #: F03 - Fire Fighting Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2003	628,607.36	265,901	314,700	0.4230	313,907	28.85	10,881	21.5
2005	55,241.78	21,268	25,171	0.3850	30,070	30.75	978	19.5
2008	238,692.84	78,100	92,434	0.3272	146,259	33.64	4,347	16.5
2009	1,916,574.45	589,730	697,959	0.3077	1,218,615	34.62	35,203	15.5
2010	3,646.74	1,051	1,243	0.2881	2,403	35.60	68	14.5
2011	5,201.72	1,397	1,653	0.2685	3,549	36.58	97	13.5
2012	578,640.32	143,966	170,387	0.2488	408,253	37.56	10,869	12.5
2013	558,076.76	127,800	151,254	0.2290	406,823	38.55	10,553	11.5
2014	951,159.22	198,983	235,501	0.2092	715,659	39.54	18,100	10.5
2015	3,120,060.69	590,939	699,391	0.1894	2,420,670	40.53	59,725	9.5
2016	1,685,189.99	285,640	338,061	0.1695	1,347,129	41.52	32,443	8.5
2017	426,750.63	63,842	75,558	0.1496	351,192	42.52	8,260	7.5
2018	523,996.03	67,962	80,435	0.1297	443,561	43.51	10,194	6.5
2019	1,332,685.03	146,329	173,184	0.1098	1,159,501	44.51	26,050	5.5
2020	903,012.65	81,181	96,079	0.0899	806,933	45.51	17,732	4.5
2021	2,898,864.80	202,631	239,818	0.0699	2,659,047	46.50	57,178	3.5
2022	100,985.87	5,039	5,964	0.0499	95,022	47.50	2,000	2.5
2023	1,729,631.19	51,889	61,412	0.0300	1,668,219	48.50	34,395	1.5
2024	4,005,749.53	40,057	47,409	0.0100	3,958,341	49.50	79,965	0.5
TOTAL	26,755,597.98	6,555,928	7,691,297		19,064,301		466,242	

COMPOSITE ANNUAL ACCRUAL RATE 1.74%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.29

COMPOSITE AVERAGE AGE (YEARS) 13.11

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 37.75

Newfoundland and Labrador Hydro

Account #: F04 - Footings and Foundations

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1965	167,301.40	126,287	133,076	0.7549	34,225	15.92	2,150	59.5
1967	1,712,299.27	1,263,677	1,331,608	0.7380	380,691	17.05	22,329	57.5
1968	869,009.54	633,169	667,206	0.7286	201,803	17.63	11,445	56.5
1970	411,370.34	292,015	307,713	0.7099	103,657	18.84	5,502	54.5
1972	10,365.30	7,162	7,547	0.6910	2,818	20.10	140	52.5
1973	14,582.27	9,925	10,458	0.6806	4,124	20.75	199	51.5
1974	68,284.09	45,797	48,259	0.6707	20,025	21.41	935	50.5
1975	108,441.06	71,641	75,492	0.6606	32,949	22.08	1,492	49.5
1976	103,617.37	67,324	70,943	0.6497	32,674	22.76	1,435	48.5
1977	1,196,362.77	764,942	806,063	0.6394	390,299	23.45	16,641	47.5
1978	1,106,583.24	694,990	732,350	0.6281	374,233	24.16	15,491	46.5
1979	71,498.13	44,143	46,516	0.6174	24,982	24.87	1,004	45.5
1980	540,108.76	327,603	345,214	0.6066	194,895	25.59	7,615	44.5
1981	294,491.00	175,181	184,598	0.5949	109,893	26.33	4,174	43.5
1982	464,006.19	270,840	285,400	0.5837	178,606	27.07	6,598	42.5
1983	766,192.98	438,017	461,564	0.5717	304,629	27.82	10,950	41.5
1984	7,817.94	4,380	4,615	0.5602	3,203	28.58	112	40.5
1985	25,845.64	14,183	14,945	0.5487	10,901	29.35	371	39.5
1986	47,648.73	25,552	26,926	0.5363	20,723	30.13	688	38.5
1987	307,062.57	161,033	169,689	0.5244	137,373	30.91	4,444	37.5
1988	115,812.71	59,363	62,554	0.5126	53,258	31.71	1,680	36.5
1989	340,873.18	170,334	179,491	0.4997	161,382	32.51	4,964	35.5
1990	1,312,152.51	639,701	674,089	0.4875	638,064	33.32	19,149	34.5
1991	1,012,711.49	480,532	506,363	0.4745	506,348	34.14	14,832	33.5
1992	625,878.29	289,218	304,766	0.4621	321,112	34.97	9,184	32.5
1993	72,313.77	32,512	34,260	0.4496	38,054	35.80	1,063	31.5
1994	5,426.96	2,367	2,494	0.4362	2,933	36.64	80	30.5
1995	463,012.64	196,040	206,578	0.4234	256,435	37.49	6,840	29.5

Newfoundland and Labrador Hydro

Account #: F04 - Footings and Foundations

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1996	148,954.64	61,024	64,304	0.4097	84,650	38.34	2,208	28.5
1998	114,131.79	43,797	46,151	0.3837	67,980	40.08	1,696	26.5
1999	65,572.18	24,239	25,542	0.3697	40,030	40.95	977	25.5
2000	30,492.18	10,869	11,454	0.3565	19,039	41.83	455	24.5
2001	33,856.28	11,616	12,241	0.3431	21,616	42.72	506	23.5
2002	2,508,038.49	824,643	868,973	0.3288	1,639,065	43.62	37,576	22.5
2003	1,044,934.04	329,468	347,179	0.3153	697,755	44.52	15,673	21.5
2004	9,714.31	2,922	3,079	0.3008	6,636	45.43	146	20.5
2008	29,323.54	7,170	7,556	0.2445	21,768	49.11	443	16.5
2011	40,587.70	8,174	8,614	0.2014	31,974	51.93	616	13.5
2012	22,681.06	4,223	4,450	0.1862	18,231	52.88	345	12.5
2014	657,961.14	103,708	109,283	0.1576	548,678	54.78	10,015	10.5
2015	2,835,132.12	403,326	425,007	0.1423	2,410,125	55.74	43,236	9.5
2016	1,774,272.95	226,859	239,054	0.1279	1,535,219	56.71	27,073	8.5
2017	134,760,304.82	15,140,320	15,954,217	0.1124	118,806,088	57.67	2,060,040	7.5
2018	14,830,601.85	1,450,433	1,528,404	0.0978	13,302,198	58.64	226,843	6.5
2019	1,492,387.57	124,241	130,920	0.0833	1,361,467	59.61	22,839	5.5
2020	5,675,322.61	383,822	404,455	0.0676	5,270,867	60.59	86,997	4.5
2021	1,255,510.26	66,567	70,146	0.0530	1,185,365	61.56	19,254	3.5
2022	539,212.94	20,134	21,217	0.0373	517,996	62.54	8,282	2.5
2023	1,615,025.08	36,564	38,530	0.0226	1,576,495	63.52	24,817	1.5
2024	1,184,755.22	9,288	9,788	0.0078	1,174,967	64.51	18,214	0.5

Newfoundland and Labrador Hydro

Account #: F04 - Footings and Foundations

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	182,909,842.91	26,601,337	28,031,342		154,878,501		2,779,758	

COMPOSITE ANNUAL ACCRUAL RATE	1.52%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.15
COMPOSITE AVERAGE AGE (YEARS)	10.01
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	55.53

Newfoundland and Labrador Hydro

Account #: F06 - Fuel Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R0.5
ASL: 50
Net Salvage: -15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1956	11,785.53	10,002	13,553	0.7380	0	13.44	0	68.5
1966	63,086.31	46,997	72,549	0.6478	0	17.68	0	58.5
1968	696,771.37	504,050	801,287	0.6291	0	18.57	0	56.5
1969	757,540.47	539,778	869,513	0.6196	1,659	19.02	87	55.5
1970	800.00	561	904	0.6101	16	19.48	1	54.5
1971	87,288.00	60,274	97,093	0.6005	3,288	19.94	165	53.5
1973	3,244.42	2,168	3,493	0.5811	239	20.88	11	51.5
1974	290,612.82	190,931	307,566	0.5713	26,639	21.35	1,248	50.5
1975	44,415.90	28,678	46,196	0.5615	4,882	21.83	224	49.5
1976	212,487.00	134,765	217,088	0.5515	27,272	22.31	1,222	48.5
1977	16,590.50	10,331	16,642	0.5415	2,437	22.80	107	47.5
1980	179,972.65	105,782	170,401	0.5111	36,568	24.30	1,505	44.5
1981	426,424.65	245,611	395,648	0.5009	94,741	24.81	3,819	43.5
1983	17,194.91	9,493	15,291	0.4801	4,483	25.83	174	41.5
1985	194,065.86	102,449	165,032	0.4591	58,144	26.88	2,163	39.5
1986	1,552.79	801	1,290	0.4484	496	27.41	18	38.5
1987	456,056.70	229,558	369,789	0.4377	154,676	27.94	5,535	37.5
1988	13,928.85	6,839	11,017	0.4270	5,001	28.48	176	36.5
1989	277,627.18	132,849	214,002	0.4161	105,269	29.03	3,627	35.5
1990	548,755.75	255,741	411,965	0.4053	219,104	29.57	7,409	34.5
1991	337,553.41	153,042	246,532	0.3943	141,655	30.12	4,702	33.5
1992	622,357.53	274,296	441,856	0.3833	273,855	30.68	8,926	32.5
1993	220,182.46	94,232	151,796	0.3722	101,414	31.24	3,247	31.5
1994	320,472.78	133,044	214,317	0.3610	154,226	31.80	4,850	30.5
1995	214,158.39	86,149	138,776	0.3498	107,506	32.37	3,322	29.5
1996	403,902.53	157,229	253,276	0.3385	211,212	32.93	6,413	28.5
1997	88,020.10	33,120	53,352	0.3272	47,871	33.51	1,429	27.5
1998	83,733.99	30,410	48,986	0.3158	47,308	34.08	1,388	26.5

Newfoundland and Labrador Hydro

Account #: F06 - Fuel Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R0.5
ASL: 50
Net Salvage: -15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1999	409,473.61	143,340	230,903	0.3044	239,992	34.66	6,924	25.5
2000	244,674.28	82,415	132,760	0.2929	148,616	35.24	4,217	24.5
2001	673,520.39	217,958	351,102	0.2814	423,446	35.82	11,820	23.5
2002	200,952.30	62,349	100,437	0.2698	130,658	36.41	3,589	22.5
2003	260,955.23	77,485	124,819	0.2582	175,279	37.00	4,738	21.5
2005	704,855.55	190,366	306,655	0.2349	503,929	38.18	13,199	19.5
2006	545,970.78	140,077	225,646	0.2231	402,220	38.77	10,374	18.5
2007	2,548,479.38	619,414	997,797	0.2114	1,932,954	39.37	49,102	17.5
2008	315,847.99	72,482	116,759	0.1996	246,467	39.96	6,168	16.5
2009	386,574.70	83,466	134,453	0.1878	310,107	40.56	7,646	15.5
2010	535,159.47	108,255	174,384	0.1759	441,049	41.16	10,716	14.5
2011	1,403,255.20	264,654	426,323	0.1640	1,187,420	41.76	28,436	13.5
2012	584,023.35	102,154	164,558	0.1521	507,069	42.36	11,971	12.5
2013	31,276.17	5,041	8,120	0.1402	27,847	42.96	648	11.5
2014	1,217,139.73	179,373	288,947	0.1282	1,110,764	43.57	25,496	10.5
2015	8,778,369.04	1,172,549	1,888,825	0.1162	8,206,299	44.17	185,785	9.5
2016	1,045,555.76	125,169	201,631	0.1041	1,000,758	44.78	22,349	8.5
2017	1,124,888.59	119,013	191,715	0.0920	1,101,907	45.39	24,278	7.5
2018	1,975,593.01	181,414	292,234	0.0799	1,979,698	46.00	43,041	6.5
2019	11,645,307.89	906,645	1,460,489	0.0677	11,931,615	46.61	256,002	5.5
2020	1,707,444.22	108,978	175,549	0.0555	1,788,012	47.22	37,865	4.5
2021	860,702.59	42,809	68,960	0.0433	920,848	47.84	19,250	3.5
2022	1,483,585.57	52,805	85,061	0.0310	1,621,062	48.45	33,457	2.5
2024	5,892,750.45	42,015	67,681	0.0062	6,708,982	49.69	135,015	0.5

Newfoundland and Labrador Hydro

Account #: F06 - Fuel Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R0.5
ASL: 50
Net Salvage: -15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	51,166,938.10	8,679,407	13,965,020		44,876,958		1,013,854	

COMPOSITE ANNUAL ACCRUAL RATE	1.98%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.27
COMPOSITE AVERAGE AGE (YEARS)	12.41
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	42.59

Newfoundland and Labrador Hydro

Account #: G01 - Gas Turbine Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 40
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	995,759.29	973,948	1,045,547	0.9315	0	2.75	0	56.5
1974	4,702,934.93	4,406,448	4,839,392	0.8923	98,689	4.31	22,872	50.5
1975	5,533,423.01	5,145,536	5,651,098	0.8856	158,997	4.59	34,612	49.5
1977	384,018.97	351,108	385,605	0.8708	17,615	5.19	3,396	47.5
1981	210,609.85	184,769	202,923	0.8355	18,217	6.58	2,770	43.5
1989	83,605.00	64,938	71,319	0.7397	16,467	10.43	1,579	35.5
1992	11,473,221.44	8,355,236	9,176,159	0.6936	2,870,724	12.25	234,383	32.5
1997	542,777.26	346,931	381,018	0.6087	188,899	15.67	12,057	27.5
1999	9,087.69	5,448	5,983	0.5709	3,559	17.15	208	25.5
2001	61,837.92	34,615	38,016	0.5331	26,913	18.69	1,440	23.5
2009	129,634.16	49,837	54,734	0.3661	81,382	25.37	3,208	15.5
2011	210,808.90	71,186	78,180	0.3216	143,169	27.15	5,272	13.5
2012	376,344.00	117,766	129,337	0.2980	265,824	28.06	9,473	12.5
2013	7,810,787.00	2,256,513	2,478,221	0.2751	5,723,105	28.98	197,504	11.5
2014	2,091,471.80	553,316	607,680	0.2520	1,588,365	29.90	53,119	10.5
2015	31,296,157.29	7,545,535	8,286,903	0.2296	24,574,062	30.83	796,966	9.5
2016	2,733,797.15	588,967	646,834	0.2052	2,223,653	31.77	69,981	8.5
2017	4,064,011.37	778,339	854,813	0.1824	3,412,399	32.72	104,283	7.5
2018	671,661.04	111,161	122,082	0.1576	583,162	33.68	17,317	6.5
2019	1,639,831.89	231,723	254,490	0.1346	1,467,333	34.64	42,364	5.5
2020	2,063,834.97	237,159	260,461	0.1094	1,906,566	35.60	53,552	4.5
2021	110,438.98	9,991	10,973	0.0862	104,988	36.57	2,871	3.5
2022	843,834.30	53,906	59,202	0.0608	826,824	37.55	22,021	2.5
2023	53,041.43	2,080	2,284	0.0373	53,410	38.53	1,386	1.5
2024	3,798,766.25	46,987	51,604	0.0118	3,937,101	39.51	99,654	0.5

Newfoundland and Labrador Hydro

Account #: G01 - Gas Turbine Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 40
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	81,891,695.89	32,523,442	35,694,859		50,291,422		1,792,288	

COMPOSITE ANNUAL ACCRUAL RATE	2.19%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.44
COMPOSITE AVERAGE AGE (YEARS)	18.16
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	24.88

Newfoundland and Labrador Hydro

Account #: G02 - Gates

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 80
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	1,920,917.43	1,309,605	936,666	0.6818	984,252	25.44	38,686	58.5
1967	1,036,488.15	697,173	498,638	0.6726	537,851	26.20	20,526	57.5
1970	396,402.00	254,883	182,299	0.6430	214,103	28.54	7,501	54.5
1978	267,693.00	149,897	107,211	0.5600	160,482	35.18	4,561	46.5
1979	1,003,356.90	551,375	394,359	0.5495	608,998	36.05	16,892	45.5
1980	1,051,492.17	565,892	404,742	0.5382	646,750	36.93	17,513	44.5
1982	4,123,249.27	2,127,555	1,521,687	0.5160	2,601,562	38.70	67,217	42.5
1983	1,976,506.08	998,531	714,177	0.5052	1,262,329	39.60	31,875	41.5
1984	1,120,133.00	552,741	395,336	0.4935	724,797	40.51	17,893	40.5
1985	185,213.00	89,362	63,914	0.4825	121,299	41.42	2,929	39.5
1986	139,462.75	65,633	46,942	0.4706	92,521	42.34	2,185	38.5
1988	1,013,797.43	453,553	324,394	0.4474	689,404	44.19	15,601	36.5
1989	180,329.65	78,653	56,255	0.4362	124,075	45.12	2,750	35.5
2012	32,000.00	4,979	3,561	0.1556	28,439	67.53	421	12.5
2013	1,915,230.70	275,142	196,789	0.1437	1,718,441	68.53	25,077	11.5
2014	321,648.04	42,039	30,068	0.1307	291,580	69.52	4,194	10.5
2015	1,417,520.75	168,401	120,445	0.1188	1,297,075	70.52	18,394	9.5
2016	501,510.82	53,060	37,950	0.1058	463,561	71.51	6,482	8.5
2017	646,670.01	60,696	43,412	0.0939	603,258	72.51	8,319	7.5
2019	1,305,370.11	89,940	64,328	0.0689	1,241,043	74.51	16,657	5.5
2022	3,872,166.00	120,037	85,854	0.0310	3,786,312	77.50	48,854	2.5
2023	4,417,307.47	83,929	60,028	0.0190	4,357,279	78.50	55,506	1.5
2024	5,283,541.00	31,701	22,674	0.0060	5,260,867	79.50	66,174	0.5

Newfoundland and Labrador Hydro

Account #: G02 - Gates

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 80
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	34,128,005.73	8,824,776	6,311,727		27,816,279		496,207	

COMPOSITE ANNUAL ACCRUAL RATE	1.45%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.18
COMPOSITE AVERAGE AGE (YEARS)	21.44
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	59.31

Newfoundland and Labrador Hydro

Account #: G03 - Generators, Windings, and Powerhouse

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 62
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	6,329,309.05	4,872,283	4,355,425	0.7331	2,290,350	16.51	138,726	58.5
1967	12,160,961.52	9,247,444	8,266,463	0.7242	4,502,547	17.02	264,474	57.5
1968	5,528,661.06	4,154,358	3,713,658	0.7156	2,091,437	17.55	119,153	56.5
1969	2,559,462.56	1,899,748	1,698,220	0.7069	989,215	18.09	54,669	55.5
1970	6,251,549.67	4,581,629	4,095,604	0.6980	2,468,523	18.65	132,369	54.5
1971	5,179,007.62	3,745,992	3,348,612	0.6889	2,089,346	19.22	108,726	53.5
1976	5,000.00	3,359	3,003	0.6398	2,247	22.24	101	48.5
1977	3,062,477.20	2,024,671	1,809,891	0.6296	1,405,710	22.87	61,454	47.5
1978	1,353,391.53	880,063	786,705	0.6193	634,356	23.52	26,968	46.5
1979	7,322,427.27	4,680,712	4,184,175	0.6088	3,504,373	24.18	144,917	45.5
1980	11,712,856.85	7,355,241	6,574,987	0.5981	5,723,513	24.85	230,315	44.5
1981	242,625.77	149,609	133,738	0.5873	121,019	25.53	4,740	43.5
1982	18,211,411.95	11,006,613	9,839,016	0.5756	9,282,966	26.22	354,063	42.5
1983	4,725,511.22	2,800,929	2,503,802	0.5645	2,457,985	26.92	91,322	41.5
1984	11,984,557.83	6,961,728	6,223,218	0.5532	6,360,568	27.62	230,264	40.5
1985	15,229,484.31	8,663,981	7,744,894	0.5418	8,246,064	28.34	290,984	39.5
1986	10,005.17	5,570	4,979	0.5302	5,526	29.06	190	38.5
1987	219,450.45	119,492	106,816	0.5186	123,607	29.80	4,148	37.5
1988	1,569,243.32	834,983	746,407	0.5068	901,299	30.54	29,515	36.5
1989	2,272,753.27	1,180,786	1,055,527	0.4948	1,330,864	31.29	42,539	35.5
1990	195,547.90	98,969	88,470	0.4820	116,855	32.04	3,647	34.5
1991	10,918.56	5,386	4,815	0.4698	6,650	32.81	203	33.5
1992	5,080,397.01	2,440,389	2,181,509	0.4575	3,152,908	33.58	93,889	32.5
1993	2,707,655.42	1,265,379	1,131,146	0.4451	1,711,892	34.36	49,820	31.5
1994	44,880.61	20,382	18,220	0.4325	28,904	35.15	822	30.5
1995	148,263.24	65,356	58,423	0.4198	97,253	35.94	2,706	29.5
1997	7,274.98	3,010	2,691	0.3941	4,948	37.56	132	27.5
1998	5,168.32	2,064	1,845	0.3803	3,582	38.37	93	26.5

Newfoundland and Labrador Hydro

Account #: G03 - Generators, Windings, and Powerhouse

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 62
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1999	165,900.34	63,959	57,174	0.3672	117,021	39.19	2,986	25.5
2000	107,638.74	39,998	35,755	0.3539	77,266	40.02	1,930	24.5
2001	97,014.30	34,692	31,012	0.3406	70,853	40.86	1,734	23.5
2002	36,867.35	12,664	11,320	0.3271	27,390	41.70	657	22.5
2003	30,719,166.00	10,115,207	9,042,172	0.3136	23,212,952	42.55	545,537	21.5
2006	83,289.00	23,749	21,230	0.2716	66,224	45.13	1,467	18.5
2008	150,260.04	38,430	34,354	0.2436	123,419	46.88	2,633	16.5
2009	234,765.50	56,573	50,571	0.2295	195,932	47.76	4,102	15.5
2010	6,387,316.83	1,444,016	1,290,833	0.2153	5,415,850	48.65	111,321	14.5
2011	88,277.00	18,636	16,659	0.2011	76,031	49.54	1,535	13.5
2012	1,217,209.94	238,616	213,303	0.1867	1,064,767	50.44	21,109	12.5
2013	10,731,747.40	1,931,111	1,726,256	0.1714	9,542,079	51.34	185,851	11.5
2014	5,688,297.33	937,059	837,654	0.1569	5,135,058	52.25	98,280	10.5
2015	32,997,812.49	4,931,408	4,408,277	0.1423	30,239,426	53.16	568,837	9.5
2016	10,409,854.07	1,395,860	1,247,785	0.1277	9,682,562	54.08	179,058	8.5
2017	3,110,996.48	369,185	330,021	0.1130	2,936,525	54.99	53,397	7.5
2018	2,837,630.82	292,663	261,617	0.0982	2,717,896	55.92	48,606	6.5
2019	3,169,958.33	277,660	248,205	0.0834	3,080,251	56.84	54,188	5.5
2020	1,325,714.52	95,408	85,287	0.0685	1,306,714	57.77	22,618	4.5
2021	18,119,334.13	1,002,443	896,103	0.0527	18,129,198	58.71	308,805	3.5
2022	6,175,842.03	244,471	218,537	0.0377	6,266,097	59.64	105,058	2.5
2023	10,315,195.46	245,429	219,394	0.0227	10,611,561	60.58	175,153	1.5
2024	13,573,071.80	107,743	96,314	0.0076	14,155,412	61.53	230,066	0.5

Newfoundland and Labrador Hydro

Account #: G03 - Generators, Windings, and Powerhouse

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 62
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	281,873,413.56	102,987,105	92,062,091		203,904,993		5,205,877	

COMPOSITE ANNUAL ACCRUAL RATE	1.85%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.33
COMPOSITE AVERAGE AGE (YEARS)	25.62
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	40.39

Newfoundland and Labrador Hydro

Account #: G05 - Glycol Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S3
ASL: 40
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1974	83,699.00	77,538	87,884	0.8823	0	4.72	0	50.5
1989	9,270.24	7,344	8,756	0.7544	978	9.83	99	35.5
1992	437,684.30	328,821	392,057	0.7155	67,511	11.37	5,938	32.5
2022	49,297.70	3,204	3,820	0.0619	47,942	37.50	1,278	2.5
TOTAL	579,951.24	416,907	492,517		116,432		7,315	

COMPOSITE ANNUAL ACCRUAL RATE 1.26%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.85

COMPOSITE AVERAGE AGE (YEARS) 32.60

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 12.61

Newfoundland and Labrador Hydro

Account #: G06 - Govenors

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S4
ASL: 45
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	62,233.00	63,838	55,105	0.9325	13,351	3.06	4,366	57.5
1968	77,729.00	79,387	68,527	0.9285	16,975	3.24	5,242	56.5
1970	63,822.00	64,560	55,729	0.9196	14,476	3.63	3,984	54.5
1971	77,729.00	78,224	67,523	0.9149	17,979	3.85	4,673	53.5
1977	143,225.00	138,566	119,610	0.8795	37,937	5.44	6,978	47.5
1980	251,003.31	236,320	203,991	0.8559	72,113	6.49	11,108	44.5
1982	2,305,849.08	2,123,655	1,833,137	0.8373	703,297	7.32	96,079	42.5
1985	1,406,862.00	1,245,807	1,075,380	0.8050	472,169	8.78	53,750	39.5
1996	11,438.67	7,879	6,801	0.6262	5,781	16.81	344	28.5
2002	594,634.45	326,656	281,970	0.4994	372,128	22.53	16,520	22.5
2003	623,150.91	327,392	282,605	0.4776	402,861	23.52	17,132	21.5
2006	912,512.80	412,537	356,102	0.4110	647,663	26.50	24,438	18.5
2009	1,295,214.64	490,109	423,062	0.3440	1,001,674	29.50	33,955	15.5
2024	58,748.20	711	614	0.0110	64,009	44.50	1,438	0.5
TOTAL	7,884,152.06	5,595,643	4,830,153		3,842,414		280,007	

COMPOSITE ANNUAL ACCRUAL RATE	3.55%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.61
COMPOSITE AVERAGE AGE (YEARS)	31.87
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	15.96

Newfoundland and Labrador Hydro

Account #: G07 - Ground Wire System

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 60
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	2,823.94	2,495	2,571	0.8415	394	9.51	41	58.5
1967	181,215.81	158,432	163,278	0.8326	26,999	10.03	2,691	57.5
1968	94,918.28	82,115	84,627	0.8239	15,037	10.58	1,421	56.5
1970	172,220.16	145,385	149,832	0.8040	31,000	11.75	2,638	54.5
1971	53,073.00	44,250	45,604	0.7941	10,123	12.37	818	53.5
1972	116,343.88	95,670	98,597	0.7832	23,564	13.01	1,811	52.5
1974	221,600.40	177,130	182,548	0.7613	50,132	14.34	3,496	50.5
1975	47,892.56	37,698	38,851	0.7497	11,436	15.02	761	49.5
1976	4,623.64	3,582	3,691	0.7378	1,163	15.72	74	48.5
1977	42,386.13	32,334	33,323	0.7265	11,182	16.42	681	47.5
1978	194,158.25	145,632	150,086	0.7144	53,780	17.14	3,138	46.5
1979	76,455.67	56,349	58,073	0.7019	22,206	17.87	1,243	45.5
1980	369,454.09	267,701	275,889	0.6901	112,038	18.61	6,020	44.5
1981	72,125.46	51,286	52,854	0.6772	22,877	19.37	1,181	43.5
1982	346,989.02	241,979	249,381	0.6642	114,958	20.13	5,710	42.5
1983	352,232.23	241,020	248,392	0.6517	121,452	20.91	5,807	41.5
1985	455,703.00	298,854	307,995	0.6246	170,493	22.51	7,574	39.5
1986	29,607.81	19,009	19,591	0.6115	11,498	23.33	493	38.5
1987	144,022.64	90,341	93,104	0.5974	58,119	24.16	2,406	37.5
1988	44,015.48	26,949	27,773	0.5831	18,443	25.00	738	36.5
1989	283,026.53	169,219	174,395	0.5694	122,783	25.85	4,750	35.5
1990	468,797.25	273,069	281,421	0.5548	210,816	26.71	7,892	34.5
1991	520,887.35	295,310	304,343	0.5399	242,588	27.59	8,794	33.5
1992	215,011.55	118,701	122,332	0.5258	103,430	28.47	3,633	32.5
1993	11,320.04	6,069	6,255	0.5106	5,631	29.36	192	31.5
1994	5,612.73	2,919	3,008	0.4953	2,885	30.27	95	30.5
1995	415,398.75	209,640	216,053	0.4806	220,116	31.18	7,060	29.5
1996	142,553.83	69,609	71,739	0.4651	77,943	32.10	2,428	28.5

Newfoundland and Labrador Hydro

Account #: G07 - Ground Wire System

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 60
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1997	27,653.81	13,044	13,443	0.4492	15,593	33.03	472	27.5
2000	109,199.72	46,116	47,527	0.4022	67,133	35.85	1,873	24.5
2001	353,363.79	143,560	147,951	0.3869	223,081	36.80	6,062	23.5
2002	63,869.83	24,860	25,621	0.3707	41,443	37.76	1,098	22.5
2003	408,552.10	151,979	156,628	0.3543	272,352	38.72	7,033	21.5
2004	9,440.40	3,359	3,461	0.3388	6,451	39.69	163	20.5
2005	19,932.54	6,745	6,952	0.3223	13,977	40.66	344	19.5
2006	52,327.25	16,798	17,312	0.3057	37,631	41.64	904	18.5
2008	1,052,859.55	302,244	311,489	0.2734	794,013	43.60	18,212	16.5
2009	174,838.48	47,114	48,555	0.2566	135,025	44.58	3,029	15.5
2010	267,722.45	67,713	69,785	0.2409	211,324	45.57	4,638	14.5
2011	277,276.56	65,230	67,225	0.2241	223,915	46.56	4,810	13.5
2012	620,698.87	135,052	139,183	0.2072	512,551	47.55	10,780	12.5
2013	642,861.66	129,182	133,134	0.1914	541,871	48.54	11,164	11.5
2014	541,315.19	99,182	102,216	0.1745	466,165	49.53	9,412	10.5
2015	630,814.55	104,387	107,580	0.1576	554,775	50.52	10,980	9.5
2016	54,927.50	8,171	8,421	0.1417	49,253	51.52	956	8.5
2017	8,930,393.76	1,169,770	1,205,551	0.1248	8,171,363	52.51	155,601	7.5
2018	1,994,350.68	225,741	232,645	0.1078	1,861,423	53.51	34,786	6.5
2019	2,236,541.43	215,768	222,368	0.0919	2,126,000	54.51	39,003	5.5
2020	4,522,361.20	355,661	366,540	0.0749	4,381,939	55.51	78,945	4.5
2021	156,121.95	9,491	9,782	0.0579	154,146	56.50	2,728	3.5
2022	1,673,062.31	73,747	76,003	0.0420	1,680,713	57.50	29,228	2.5
2023	908,173.05	23,840	24,569	0.0250	929,013	58.50	15,880	1.5
2024	63,338.13	532	548	0.0080	65,957	59.50	1,109	0.5

Newfoundland and Labrador Hydro

Account #: G07 - Ground Wire System

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 60
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	30,876,466.24	6,802,036	7,010,097		25,410,193		532,796	

COMPOSITE ANNUAL ACCRUAL RATE	1.73%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.23
COMPOSITE AVERAGE AGE (YEARS)	13.03
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	47.41

Newfoundland and Labrador Hydro

Account #: I02 - Instrumentation

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L0.5
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	1,270,122.22	983,329	1,270,122	0.7742	0	6.40	0	56.5
1969	533,320.62	408,977	533,321	0.7669	0	6.53	0	55.5
1971	1,562,828.30	1,175,012	1,562,828	0.7519	0	6.80	0	53.5
1979	25,332.75	17,416	25,333	0.6875	0	8.12	0	45.5
1987	19,531.16	12,007	18,131	0.6148	1,400	9.76	143	37.5
1990	518,407.16	303,216	457,878	0.5849	60,529	10.46	5,786	34.5
1994	104,218.77	56,533	85,370	0.5425	18,849	11.47	1,643	30.5
1999	356,341.34	172,754	260,871	0.4848	95,470	12.88	7,415	25.5
2002	18,448.05	8,253	12,462	0.4474	5,986	13.79	434	22.5
2005	47,283.46	19,273	29,103	0.4076	18,180	14.78	1,230	19.5
2006	317,291.43	124,949	188,682	0.3938	128,609	15.12	8,508	18.5
2012	45,371.19	13,795	20,832	0.3041	24,540	17.35	1,414	12.5
2016	992,067.84	228,969	345,760	0.2308	646,308	19.19	33,671	8.5
2017	615,820.09	129,076	194,914	0.2096	420,906	19.73	21,331	7.5
2018	232,783.74	43,519	65,717	0.1870	167,067	20.30	8,228	6.5
2020	838,346.23	115,189	173,943	0.1374	664,403	21.56	30,822	4.5
2021	238,635.49	26,310	39,729	0.1103	198,906	22.24	8,944	3.5
2022	220,811.33	17,985	27,159	0.0815	193,653	22.96	8,434	2.5
TOTAL	7,956,961.17	3,856,563	5,312,155		2,644,806		138,003	

COMPOSITE ANNUAL ACCRUAL RATE 1.73%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.67

COMPOSITE AVERAGE AGE (YEARS) 30.73

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 13.16

Newfoundland and Labrador Hydro

Account #: I03 - Insulators

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	78,951.35	76,224	78,951	0.9655	0	2.02	0	57.5
1968	114,208.17	109,422	114,208	0.9581	0	2.27	0	56.5
1969	50,398.83	47,921	50,399	0.9508	0	2.50	0	55.5
1970	96,375.98	90,897	96,376	0.9432	0	2.72	0	54.5
1972	22,418.72	20,801	22,419	0.9279	0	3.16	0	52.5
1974	12,479.49	11,385	12,479	0.9123	0	3.60	0	50.5
1975	514.00	465	514	0.9042	0	3.82	0	49.5
1976	1,492.07	1,338	1,492	0.8964	0	4.05	0	48.5
1977	50,283.33	44,666	50,283	0.8883	0	4.29	0	47.5
1978	34,462.66	30,338	34,463	0.8803	0	4.53	0	46.5
1979	14,781.95	12,889	14,782	0.8720	0	4.78	0	45.5
1980	11,311.61	9,765	11,312	0.8633	0	5.04	0	44.5
1981	61,826.00	52,839	61,826	0.8546	0	5.31	0	43.5
1982	412,734.37	348,905	412,734	0.8454	0	5.60	0	42.5
1983	630,479.97	527,062	630,480	0.8360	0	5.90	0	41.5
1985	999,174.39	814,842	999,174	0.8155	0	6.55	0	39.5
1986	7,562.44	6,082	7,505	0.8043	57	6.92	8	38.5
1987	525,878.08	416,714	514,194	0.7924	11,684	7.30	1,600	37.5
1988	575,583.15	449,197	554,276	0.7804	21,307	7.71	2,764	36.5
1989	600,838.56	461,059	568,914	0.7674	31,925	8.14	3,921	35.5
1990	3,210,672.68	2,421,200	2,987,586	0.7541	223,087	8.60	25,937	34.5
1991	1,662,415.35	1,229,805	1,517,490	0.7398	144,925	9.08	15,953	33.5
1992	728,503.57	528,362	651,960	0.7253	76,543	9.59	7,980	32.5
1993	1,158,314.67	821,998	1,014,286	0.7097	144,029	10.12	14,226	31.5
1994	969,319.30	672,145	829,379	0.6934	139,941	10.68	13,103	30.5
1995	1,713,875.74	1,160,560	1,432,046	0.6772	281,829	11.26	25,033	29.5
1996	1,773,525.52	1,170,066	1,443,776	0.6597	329,749	11.86	27,808	28.5
1997	889,877.07	571,621	705,339	0.6424	184,538	12.48	14,789	27.5

Newfoundland and Labrador Hydro

Account #: I03 - Insulators

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1998	720,448.60	449,452	554,591	0.6239	165,858	13.12	12,644	26.5
1999	1,010,614.47	611,902	755,042	0.6055	255,572	13.78	18,552	25.5
2000	951,395.84	557,423	687,819	0.5859	263,576	14.45	18,239	24.5
2001	681,643.97	385,739	475,974	0.5659	205,670	15.14	13,580	23.5
2002	1,923,592.31	1,050,464	1,296,197	0.5461	627,396	15.85	39,574	22.5
2003	1,841,341.62	966,981	1,193,184	0.5252	648,158	16.58	39,097	21.5
2004	2,775,970.27	1,400,533	1,728,156	0.5045	1,047,815	17.32	60,506	20.5
2005	333,171.22	160,845	198,471	0.4828	134,700	18.07	7,454	19.5
2006	1,324,258.63	610,920	753,831	0.4613	570,427	18.84	30,279	18.5
2007	3,136,964.12	1,376,500	1,698,501	0.4388	1,438,463	19.62	73,317	17.5
2008	630,666.35	262,259	323,609	0.4158	307,057	20.41	15,041	16.5
2009	1,899,339.44	747,001	921,745	0.3933	977,595	21.22	46,068	15.5
2010	323,890.26	119,720	147,725	0.3696	176,165	22.04	7,993	14.5
2011	490,774.50	170,009	209,779	0.3464	280,995	22.87	12,286	13.5
2012	375,973.18	121,088	149,414	0.3221	226,560	23.71	9,554	12.5
2013	146,316.44	43,637	53,845	0.2982	92,471	24.57	3,764	11.5
2014	2,095,986.15	572,833	706,834	0.2733	1,389,152	25.43	54,629	10.5
2015	67,958.16	16,852	20,794	0.2480	47,164	26.30	1,793	9.5
2016	2,779,832.52	620,751	765,961	0.2233	2,013,871	27.18	74,081	8.5
2017	2,469,101.08	487,598	601,661	0.1975	1,867,440	28.08	66,512	7.5
2018	2,404,824.78	414,303	511,220	0.1723	1,893,605	28.98	65,349	6.5
2019	228,721.81	33,387	41,197	0.1460	187,525	29.88	6,275	5.5
2020	391,556.01	47,136	58,162	0.1204	333,394	30.80	10,824	4.5
2021	350,437.46	32,801	40,474	0.0936	309,963	31.72	9,771	3.5
2023	175,060.05	7,091	8,750	0.0405	166,311	33.59	4,952	1.5

Newfoundland and Labrador Hydro

Account #: I03 - Insulators

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	45,938,098.26	23,375,791	28,721,582		17,216,517		855,256	

COMPOSITE ANNUAL ACCRUAL RATE	1.86%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.63
COMPOSITE AVERAGE AGE (YEARS)	21.95
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	17.18

Newfoundland and Labrador Hydro

Account #: I04 - Intake Structures

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 110
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	3,784,392.00	1,956,077	1,105,426	0.5169	2,678,966	53.16	50,392	58.5
1967	1,784,000.00	907,699	512,963	0.5088	1,271,037	54.06	23,512	57.5
1979	1,432,290.31	584,231	330,163	0.4079	1,102,127	65.17	16,912	45.5
1982	5,039,574.77	1,921,086	1,085,652	0.3812	3,953,923	68.03	58,122	42.5
1983	15,844.44	5,904	3,336	0.3726	12,508	68.99	181	41.5
1984	3,401,783.55	1,238,113	699,687	0.3640	2,702,096	69.95	38,630	40.5
1989	6,768.76	2,168	1,225	0.3203	5,543	74.79	74	35.5
1994	5,240.80	1,443	816	0.2754	4,425	79.68	56	30.5
1997	10,571.59	2,630	1,486	0.2488	9,085	82.64	110	27.5
2002	24,045.32	4,911	2,775	0.2043	21,270	87.58	243	22.5
2003	3,909,814.02	759,872	429,422	0.1944	3,480,392	88.57	39,295	21.5
2016	288,655.80	22,198	12,544	0.0769	276,111	101.51	2,720	8.5
2018	129,797.02	7,645	4,320	0.0589	125,477	103.51	1,212	6.5
2021	5,170,598.70	165,459	93,505	0.0320	5,077,094	106.50	47,670	3.5
2023	3,004,675.13	42,065	23,772	0.0140	2,980,903	108.50	27,473	1.5
TOTAL	28,008,052.21	7,621,502	4,307,093		23,700,959		306,602	

COMPOSITE ANNUAL ACCRUAL RATE 1.09%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.15

COMPOSITE AVERAGE AGE (YEARS) 30.45

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 80.07

Newfoundland and Labrador Hydro

Account #: I05 - Inverters

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S1.5
ASL: 22
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	182,290.86	191,405	186,799	1.0000	4,607		4,607	57.5
1979	114,154.89	119,863	116,978	1.0000	2,885		2,885	46.5
1996	17,604.84	15,122	14,758	0.8181	3,727	4.10	909	28.5
2000	11,968.11	9,509	9,280	0.7567	3,286	5.39	609	24.5
2006	16,272.78	10,979	10,715	0.6426	6,371	7.85	812	18.5
2012	4,964.72	2,549	2,488	0.4890	2,725	11.22	243	12.5
2014	5,643.32	2,525	2,464	0.4261	3,461	12.61	275	10.5
2015	49,804.41	20,531	20,037	0.3926	32,257	13.36	2,415	9.5
2017	4,649.76	1,562	1,524	0.3199	3,358	14.96	224	7.5
2018	4,462.35	1,315	1,283	0.2806	3,402	15.82	215	6.5
2019	6,892.36	1,743	1,701	0.2408	5,536	16.70	331	5.5
2022	513,421.16	60,864	59,399	0.1129	479,694	19.52	24,570	2.5
2024	17,722.07	428	417	0.0230	18,191	21.50	846	0.5
TOTAL	949,851.63	438,395	427,844		569,501		38,941	

COMPOSITE ANNUAL ACCRUAL RATE	4.10%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.45
COMPOSITE AVERAGE AGE (YEARS)	19.87
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	12.34

Newfoundland and Labrador Hydro

Account #: L03 - Land Improvements

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 75
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1965	5,754.24	3,920	5,754	0.6813	0	23.89	0	59.5
1967	174,343.48	115,762	174,343	0.6640	0	25.22	0	57.5
1968	82,098.79	53,737	82,099	0.6545	0	25.89	0	56.5
1970	313,594.10	199,625	308,995	0.6366	4,599	27.28	169	54.5
1971	996,777.00	624,610	966,821	0.6266	29,956	27.98	1,071	53.5
1972	286,219.42	176,712	273,529	0.6174	12,691	28.70	442	52.5
1974	262,393.06	156,856	242,794	0.5978	19,599	30.15	650	50.5
1975	59,952.49	35,264	54,584	0.5882	5,368	30.89	174	49.5
1976	61,289.90	35,453	54,877	0.5785	6,413	31.64	203	48.5
1977	391,514.65	222,333	344,145	0.5679	47,370	32.39	1,462	47.5
1978	777,770.02	433,918	671,652	0.5579	106,118	33.15	3,201	46.5
1979	37,126.06	20,344	31,489	0.5480	5,637	33.93	166	45.5
1980	1,022,019.38	548,865	849,577	0.5370	172,442	34.70	4,969	44.5
1981	271,954.44	143,266	221,758	0.5268	50,197	35.49	1,414	43.5
1982	516,244.80	266,656	412,751	0.5165	103,494	36.28	2,853	42.5
1983	260,255.97	131,515	203,570	0.5053	56,686	37.08	1,529	41.5
1984	91,706.98	45,386	70,252	0.4949	21,455	37.88	566	40.5
1985	252,388.80	122,224	189,188	0.4843	63,200	38.70	1,633	39.5
1986	85,530.68	40,444	62,602	0.4729	22,928	39.52	580	38.5
1987	560,839.71	259,164	401,155	0.4621	159,685	40.34	3,958	37.5
1988	188,757.84	85,183	131,852	0.4513	56,905	41.18	1,382	36.5
1989	1,930,270.84	848,393	1,313,209	0.4395	617,062	42.02	14,686	35.5
1990	765,815.64	328,152	507,940	0.4285	257,876	42.86	6,016	34.5
1991	440,749.89	183,978	284,775	0.4174	155,975	43.72	3,568	33.5
1992	565,854.58	229,386	355,062	0.4054	210,793	44.57	4,729	32.5
1993	132,568.86	52,259	80,890	0.3942	51,679	45.44	1,137	31.5
1994	187,262.38	71,695	110,976	0.3829	76,287	46.31	1,647	30.5
1995	344,790.90	127,759	197,755	0.3705	147,036	47.18	3,116	29.5

Newfoundland and Labrador Hydro

Account #: L03 - Land Improvements

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 75
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1996	255,875.08	91,885	142,226	0.3591	113,649	48.07	2,364	28.5
1997	24,438.72	8,495	13,149	0.3476	11,290	48.95	231	27.5
1998	321,505.42	107,727	166,748	0.3351	154,757	49.85	3,105	26.5
1999	100,112.76	32,376	50,115	0.3234	49,998	50.74	985	25.5
2000	73,029.87	22,761	35,232	0.3117	37,798	51.65	732	24.5
2002	172,683.92	49,578	76,740	0.2871	95,944	53.47	1,794	22.5
2003	228,663.43	62,914	97,384	0.2751	131,279	54.39	2,414	21.5
2004	102,617.32	26,905	41,646	0.2622	60,971	55.31	1,102	20.5
2005	87,428.65	21,866	33,846	0.2501	53,583	56.24	953	19.5
2006	110,490.47	26,298	40,706	0.2380	69,785	57.17	1,221	18.5
2008	64,541.12	13,728	21,249	0.2127	43,292	59.05	733	16.5
2009	268,364.85	53,794	83,266	0.2005	185,099	59.99	3,085	15.5
2010	13,384.00	2,505	3,877	0.1872	9,507	60.94	156	14.5
2011	64,779.67	11,323	17,527	0.1748	47,252	61.89	763	13.5
2012	49,683.60	8,070	12,491	0.1624	37,193	62.84	592	12.5
2014	369,783.31	50,475	78,130	0.1365	291,653	64.76	4,503	10.5
2015	387,311.25	48,023	74,333	0.1240	312,978	65.73	4,762	9.5
2017	701,899.66	68,646	106,255	0.0978	595,644	67.66	8,803	7.5
2018	475,534.20	40,511	62,706	0.0852	412,828	68.63	6,015	6.5
2019	359,200.03	25,697	39,776	0.0715	319,424	69.61	4,589	5.5
2020	2,543,833.71	149,832	231,921	0.0589	2,311,912	70.58	32,754	4.5
2021	315,090.78	14,545	22,513	0.0462	292,578	71.56	4,088	3.5
2024	185,348.45	1,271	1,968	0.0069	183,380	74.51	2,461	0.5

Newfoundland and Labrador Hydro

Account #: L03 - Land Improvements

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 75
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	18,341,445.17	6,502,083	10,058,201		8,283,244		149,526	

COMPOSITE ANNUAL ACCRUAL RATE	0.82%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.55
COMPOSITE AVERAGE AGE (YEARS)	29.01
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	48.41

Newfoundland and Labrador Hydro

Account #: L04 - Lighting Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 50
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	30,471.49	27,699	29,883	0.9090	588	4.56	129	57.5
1968	2,726.81	2,462	2,656	0.9029	71	4.87	15	56.5
1970	37,330.22	33,216	35,836	0.8898	1,494	5.52	271	54.5
1971	28,226.00	24,912	26,877	0.8826	1,349	5.88	230	53.5
1974	16,618.25	14,262	15,387	0.8582	1,232	7.09	174	50.5
1975	17,512.00	14,866	16,039	0.8489	1,473	7.56	195	49.5
1976	3,432.11	2,880	3,107	0.8390	325	8.06	40	48.5
1977	25,784.51	21,360	23,045	0.8284	2,740	8.59	319	47.5
1978	67,894.94	55,477	59,853	0.8171	8,042	9.15	879	46.5
1979	83,571.46	67,292	72,600	0.8052	10,972	9.74	1,126	45.5
1980	25,900.92	20,534	22,154	0.7928	3,747	10.36	362	44.5
1981	5,855.52	4,567	4,927	0.7799	929	11.01	84	43.5
1982	26,032.64	19,959	21,534	0.7667	4,499	11.67	386	42.5
1983	6,653.30	5,011	5,406	0.7531	1,247	12.35	101	41.5
1985	659.70	478	516	0.7251	144	13.74	10	39.5
1986	5,857.33	4,163	4,491	0.7107	1,366	14.46	94	38.5
1987	39,322.35	27,368	29,527	0.6960	9,795	15.20	644	37.5
1988	9,837.24	6,699	7,228	0.6810	2,610	15.95	164	36.5
1989	12,729.60	8,474	9,143	0.6657	3,587	16.71	215	35.5
1990	35,606.52	23,148	24,974	0.6501	10,633	17.49	608	34.5
1991	1,612.44	1,023	1,103	0.6342	509	18.29	28	33.5
1992	2,735.87	1,691	1,824	0.6181	911	19.10	48	32.5
2012	93,027.28	23,145	24,971	0.2488	68,056	37.56	1,812	12.5
2013	23,445.84	5,369	5,793	0.2290	17,653	38.55	458	11.5
2016	198,358.17	33,622	36,274	0.1695	162,084	41.52	3,903	8.5
2017	1,649,658.18	246,789	266,255	0.1496	1,383,403	42.52	32,537	7.5
2018	271,520.58	35,216	37,994	0.1297	233,527	43.51	5,367	6.5
2019	315,713.76	34,665	37,400	0.1098	278,314	44.51	6,253	5.5

Newfoundland and Labrador Hydro

Account #: L04 - Lighting Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 50
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2020	235,836.68	21,202	22,874	0.0899	212,963	45.51	4,680	4.5
2021	367,734.16	25,705	27,732	0.0699	340,002	46.50	7,311	3.5
2022	201,904.97	10,075	10,870	0.0499	191,035	47.50	4,022	2.5
2023	629,793.72	18,894	20,384	0.0300	609,410	48.50	12,565	1.5
2024	649,841.59	6,498	7,011	0.0100	642,831	49.50	12,986	0.5
TOTAL	5,123,206.15	848,720	915,665		4,207,541		98,016	

COMPOSITE ANNUAL ACCRUAL RATE	1.91%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.18
COMPOSITE AVERAGE AGE (YEARS)	8.85
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	41.72

Newfoundland and Labrador Hydro

Account #: L05 - Lighting Arrestors

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 58
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	44,408.00	35,259	44,408	0.7940	0	11.94	0	57.5
1968	17,891.26	14,057	17,891	0.7857	0	12.43	0	56.5
1970	61,016.99	46,885	61,017	0.7684	0	13.45	0	54.5
1977	65.00	45	62	0.6980	3	17.52	0	47.5
1978	19,225.18	13,210	17,973	0.6871	1,252	18.16	69	46.5
1980	290.19	193	262	0.6640	28	19.48	1	44.5
1982	2,526.48	1,619	2,203	0.6408	324	20.85	16	42.5
1986	5,702.63	3,371	4,587	0.5912	1,116	23.73	47	38.5
1987	293.76	170	231	0.5785	63	24.47	3	37.5
1988	811.34	458	624	0.5648	188	25.23	7	36.5
1989	339.63	187	255	0.5518	85	25.99	3	35.5
1994	2,591.45	1,253	1,705	0.4835	887	29.97	30	30.5
1995	0.03	0	0	0.4696	0	30.79	0	29.5
1996	2,464.63	1,120	1,525	0.4546	940	31.62	30	28.5
2000	5,039,435.78	1,995,213	2,714,685	0.3959	2,324,751	35.02	66,388	24.5
2004	7,668.29	2,569	3,496	0.3351	4,172	38.54	108	20.5
2005	79,719.06	25,494	34,687	0.3198	45,032	39.44	1,142	19.5
2006	89,970.69	27,386	37,262	0.3044	52,709	40.35	1,306	18.5
2007	13,132.00	3,794	5,162	0.2889	7,970	41.26	193	17.5
2008	52,590.01	14,324	19,490	0.2724	33,100	42.18	785	16.5
2009	80,001.12	20,529	27,932	0.2566	52,069	43.10	1,208	15.5
2010	22,899.74	5,514	7,503	0.2408	15,397	44.03	350	14.5
2011	69,992.79	15,743	21,420	0.2249	48,573	44.97	1,080	13.5
2012	65,914.52	13,772	18,738	0.2089	47,176	45.91	1,028	12.5
2013	17,692.67	3,395	4,620	0.1919	13,073	46.85	279	11.5
2014	90,140.65	15,842	21,555	0.1758	68,586	47.80	1,435	10.5
2015	277,205.09	44,225	60,173	0.1595	217,032	48.76	4,451	9.5
2017	541,617.88	68,206	92,801	0.1259	448,817	50.68	8,856	7.5

Newfoundland and Labrador Hydro

Account #: L05 - Lighting Arrestors

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 58
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2018	43,236.44	4,732	6,438	0.1094	36,798	51.65	712	6.5
2019	119,425.77	11,101	15,104	0.0930	104,322	52.62	1,983	5.5
2020	174,706.23	13,355	18,170	0.0764	156,536	53.59	2,921	4.5
2021	54,304.41	3,199	4,352	0.0589	49,952	54.57	915	3.5
2023	6,576.23	168	229	0.0256	6,347	56.52	112	1.5
2024	0.01	0	0	0.0088	0	57.51	0	0.5
TOTAL	7,003,855.95	2,406,391	3,266,557		3,737,299		95,458	

COMPOSITE ANNUAL ACCRUAL RATE 1.36%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.47

COMPOSITE AVERAGE AGE (YEARS) 21.33

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 38.06

Newfoundland and Labrador Hydro

Account #: L06 - Line Coupling Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R5
ASL: 24
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1984	11,225.56	11,226	11,226	1.0000	0		0	40.5
TOTAL	11,225.56	11,226	11,226		0		0	

COMPOSITE ANNUAL ACCRUAL RATE 0.00%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 1.00

COMPOSITE AVERAGE AGE (YEARS) 40.50

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 0.00

Newfoundland and Labrador Hydro

Account #: M01 - Main Breakers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R0.5
ASL: 42
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	38,597.66	29,466	40,528	0.7271	0	11.71	0	56.5
1970	6,264.96	4,646	6,578	0.7062	0	12.54	0	54.5
1980	14,200.00	8,881	14,247	0.5957	663	16.96	39	44.5
1983	14,000.00	8,239	13,249	0.5605	1,451	18.38	79	41.5
1986	14,774.50	8,142	13,111	0.5249	2,402	19.85	121	38.5
1991	4,678.14	2,276	3,671	0.4633	1,241	22.41	55	33.5
1996	96,202.47	40,324	65,108	0.3992	35,905	25.11	1,430	28.5
1998	23,610.58	9,240	14,928	0.3727	9,863	26.22	376	26.5
2001	47,957.90	16,761	27,057	0.3329	23,299	27.92	835	23.5
2003	72,475.81	23,251	37,546	0.3055	38,554	29.07	1,326	21.5
2004	27,895.94	8,546	13,802	0.2918	15,488	29.65	522	20.5
2006	119,193.09	33,040	53,389	0.2640	71,764	30.82	2,329	18.5
TOTAL	479,851.05	192,811	303,213		200,630		7,112	

COMPOSITE ANNUAL ACCRUAL RATE	1.48%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.63
COMPOSITE AVERAGE AGE (YEARS)	27.70
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	25.86

Newfoundland and Labrador Hydro

Account #: M02 - Marine Terminal

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1969	2,596,299.63	2,097,309	2,657,462	0.7693	68,653	15.00	4,576	55.5
1971	69,000.00	54,212	68,691	0.7483	3,759	16.36	230	53.5
1980	12,849.36	8,718	11,046	0.6462	2,446	23.02	106	44.5
1984	286,814.46	179,404	227,320	0.5957	73,835	26.27	2,810	40.5
TOTAL	2,964,963.45	2,339,643	2,964,519		148,693		7,722	

COMPOSITE ANNUAL ACCRUAL RATE	0.26%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	1.00
COMPOSITE AVERAGE AGE (YEARS)	53.95
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	16.16

Newfoundland and Labrador Hydro

Account #: M03 - Metalclad Switchgear CUB/EQU 4kv/600

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 45
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	431,573.00	425,219	453,152	0.9384	0	2.80	0	56.5
1980	780,388.00	695,193	819,407	0.8484	0	6.83	0	44.5
1987	56,409.27	44,727	56,952	0.7551	2,278	11.01	207	37.5
1994	567,211.45	381,523	485,572	0.6406	110,000	16.18	6,798	30.5
1995	14,288.77	9,346	11,891	0.6230	3,113	16.99	183	29.5
2015	383,774.09	84,699	107,893	0.2102	295,070	35.54	8,304	9.5
2016	232,192.61	45,935	58,439	0.1884	185,363	36.53	5,075	8.5
2020	300,000.00	31,437	40,034	0.0998	274,966	40.51	6,788	4.5
2021	713,390.28	58,352	74,062	0.0779	674,998	41.50	16,263	3.5
TOTAL	3,479,227.47	1,776,432	2,107,402		1,545,787		43,618	

COMPOSITE ANNUAL ACCRUAL RATE	1.25%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.61
COMPOSITE AVERAGE AGE (YEARS)	25.41
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	23.13

Newfoundland and Labrador Hydro

Account #: M04 - Meter Test Switches

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R5
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1981	9,277.57	8,991	9,278	0.9692	0	1.13	0	43.5
1982	1,993.00	1,918	1,993	0.9625	0	1.35	0	42.5
1984	897.55	854	898	0.9512	0	1.74	0	40.5
1991	12,722.44	11,193	12,414	0.8798	309	4.21	73	33.5
1993	1,215.96	1,030	1,142	0.8469	74	5.36	14	31.5
1994	5,283.18	4,374	4,853	0.8280	430	6.02	71	30.5
1997	5,690.51	4,350	4,823	0.7644	867	8.26	105	27.5
TOTAL	37,080.21	32,710	35,400		1,680		263	

COMPOSITE ANNUAL ACCRUAL RATE 0.71%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.95

COMPOSITE AVERAGE AGE (YEARS) 35.24

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 4.14

Newfoundland and Labrador Hydro

Account #: M05 - Metering Tanks

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 37
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	2,500.00	2,435	2,500	0.9739	0	1.03	0	58.5
1968	7,113.61	6,835	7,114	0.9609	0	1.49	0	56.5
1972	7,362.00	6,871	7,362	0.9333	0	2.49	0	52.5
1979	350.00	309	350	0.8833	0	4.33	0	45.5
1981	68,637.05	59,503	68,637	0.8669	0	4.94	0	43.5
1983	5,347.32	4,538	5,347	0.8486	0	5.61	0	41.5
1988	13,825.07	10,944	13,825	0.7916	0	7.71	0	36.5
1989	11,884.85	9,249	11,885	0.7782	0	8.20	0	35.5
1996	14,331.25	9,545	12,779	0.6660	1,552	12.35	126	28.5
1997	1,246.12	807	1,080	0.6477	166	13.03	13	27.5
2011	66,568.46	23,019	30,800	0.3458	35,768	24.21	1,477	13.5
2012	59,915.40	19,269	25,779	0.3216	34,136	25.11	1,360	12.5
2013	95,443.06	28,357	37,934	0.2971	57,509	26.01	2,211	11.5
2014	140,033.36	38,142	51,011	0.2724	89,022	26.93	3,306	10.5
TOTAL	494,557.55	219,823	276,404		218,153		8,493	

COMPOSITE ANNUAL ACCRUAL RATE 1.72%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.56

COMPOSITE AVERAGE AGE (YEARS) 19.70

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 20.56

Newfoundland and Labrador Hydro

Account #: M06 - Meters - Digital

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 18
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2003	1,872.12	1,377	1,482	0.7355	390	4.77	82	21.5
2005	186,049.73	132,786	142,966	0.7137	43,084	5.17	8,341	19.5
2009	1,408,245.86	945,989	1,018,515	0.6718	389,731	5.92	65,846	15.5
2010	390,894.05	256,208	275,850	0.6554	115,044	6.21	18,515	14.5
2011	195,223.10	123,810	133,303	0.6342	61,920	6.59	9,394	13.5
2013	1,097,748.17	631,941	680,390	0.5757	417,358	7.64	54,610	11.5
2014	85,498.14	45,995	49,521	0.5380	35,977	8.32	4,327	10.5
2015	411,554.67	204,296	219,958	0.4964	191,596	9.07	21,124	9.5
2016	996,827.61	449,071	483,500	0.4505	513,328	9.89	51,910	8.5
2018	1,982,105.53	698,712	752,280	0.3525	1,229,825	11.65	105,536	6.5
2020	172,480.29	42,792	46,073	0.2481	126,407	13.53	9,339	4.5
2021	215,696.90	41,729	44,928	0.1935	170,769	14.51	11,769	3.5
2023	3,640,176.71	302,135	325,298	0.0830	3,314,878	16.50	200,905	1.5
TOTAL	10,784,372.88	3,876,839	4,174,065		6,610,308		561,698	

COMPOSITE ANNUAL ACCRUAL RATE	5.21%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.39
COMPOSITE AVERAGE AGE (YEARS)	7.38
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	11.53

Newfoundland and Labrador Hydro

Account #: M07 - Meters - Analogue

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L2
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2020	404,630.00	70,770	67,622	0.1749	337,008	20.63	16,337	4.5
TOTAL	404,630.00	70,770	67,622		337,008		16,337	

COMPOSITE ANNUAL ACCRUAL RATE 4.04%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.17

COMPOSITE AVERAGE AGE (YEARS) 4.50

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 20.63

Newfoundland and Labrador Hydro

Account #: M08 - Meters - Other

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L4
ASL: 22
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1996	3,316.82	2,837	3,317	0.8554	0	3.20	0	28.5
2003	5,292.00	4,228	4,977	0.7990	315	4.44	71	21.5
2004	2,029.50	1,601	1,884	0.7886	146	4.67	31	20.5
2005	1,308.30	1,012	1,192	0.7737	117	4.99	23	19.5
2012	79,242.94	43,937	51,765	0.5545	27,478	9.80	2,804	12.5
2017	74,976.33	25,551	30,089	0.3408	44,887	14.50	3,095	7.5
2019	54,086.91	13,522	15,928	0.2500	38,159	16.50	2,313	5.5
2021	8,987.37	1,429	1,684	0.1590	7,303	18.50	395	3.5
2023	107,744.65	7,327	8,653	0.0680	99,091	20.50	4,834	1.5
2024	367,710.00	8,457	9,844	0.0230	357,866	21.50	16,645	0.5
TOTAL	704,694.82	109,901	129,332		575,363		30,211	

COMPOSITE ANNUAL ACCRUAL RATE 4.29%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.18

COMPOSITE AVERAGE AGE (YEARS) 3.55

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 18.57

Newfoundland and Labrador Hydro

Account #: M10 - Miscellaneous Units of Property

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1970	6,185.00	6,185	6,185	1.0000	0		0	55.5
1985	315,254.84	281,980	315,255	0.8945	0	3.02	0	39.5
1989	795,281.80	671,059	795,282	0.8438	0	4.14	0	35.5
1990	825,974.72	685,972	825,975	0.8305	0	4.44	0	34.5
1991	50,436.68	41,197	50,437	0.8168	0	4.76	0	33.5
2011	1,339,679.15	547,728	1,331,719	0.4089	7,960	14.74	540	13.5
2013	1,581,834.50	558,941	1,358,660	0.3534	223,174	16.14	13,829	11.5
2014	110,378.30	35,851	87,138	0.3248	23,240	16.86	1,379	10.5
2015	320,146.61	94,715	230,133	0.2959	90,013	17.58	5,119	9.5
2019	2,946.37	518	1,256	0.1757	1,690	20.60	82	5.5
2020	496,839.63	71,818	174,294	0.1446	322,546	21.38	15,086	4.5
2024	455,129.31	7,487	18,117	0.0165	437,012	24.59	17,772	0.5
TOTAL	6,300,086.91	3,003,450	5,194,451		1,105,636		53,807	

COMPOSITE ANNUAL ACCRUAL RATE	0.85%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.82
COMPOSITE AVERAGE AGE (YEARS)	18.12
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	13.14

Newfoundland and Labrador Hydro

Account #: M11 - Mobile - A.T.V's and Snowmobiles

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 7
Net Salvage: 20%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2009	20,240.00	15,630	16,192	0.9653	0	0.50	0	15.5
2010	8,200.00	6,156	6,560	0.9384	0	0.58	0	14.5
2011	15,774.00	11,485	12,619	0.9101	0	0.73	0	13.5
2012	9,948.00	7,002	7,958	0.8798	0	0.92	0	12.5
2013	45,973.77	31,162	36,779	0.8473	0	1.13	0	11.5
2014	116,062.55	75,413	92,850	0.8122	0	1.36	0	10.5
2015	184,789.22	114,617	147,831	0.7753	0	1.61	0	9.5
2016	51,195.64	30,305	40,957	0.7399	0	1.86	0	8.5
2017	14,994.70	8,536	11,996	0.7116	0	2.05	0	7.5
2018	107,716.06	59,209	86,173	0.6871	0	2.22	0	6.5
2019	128,763.80	66,794	103,011	0.6484	0	2.48	0	5.5
2021	317,527.26	120,356	193,557	0.4738	60,464	3.69	16,399	3.5
2022	685,026.16	191,172	307,739	0.3488	240,282	4.56	52,711	2.5
2023	276,537.40	47,140	75,978	0.2131	145,252	5.51	26,377	1.5
2024	138,605.76	7,873	12,755	0.0710	98,130	6.50	15,097	0.5
TOTAL	2,121,354.32	792,849	1,152,955		544,128		110,584	

COMPOSITE ANNUAL ACCRUAL RATE 5.21%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.54

COMPOSITE AVERAGE AGE (YEARS) 4.50

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 3.75

Newfoundland and Labrador Hydro

Account #: M12 - Mobile - Air Compressor Attachment and Boat

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L0
ASL: 20
Net Salvage: 20%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1979	87,567.04	50,053	70,054	0.7145	0	5.72	0	45.5
1981	3,430.57	1,912	2,744	0.6967	0	6.08	0	43.5
1988	17,597.64	8,859	14,078	0.6293	0	7.42	0	36.5
1994	4,062.24	1,831	3,250	0.5636	0	8.74	0	30.5
1998	2,375.00	978	1,900	0.5149	0	9.71	0	26.5
2000	17,995.00	7,037	14,396	0.4889	0	10.23	0	24.5
2009	72,275.00	20,546	49,898	0.3554	7,922	12.90	614	15.5
2010	22,689.00	6,146	14,927	0.3386	3,224	13.23	244	14.5
2011	24,400.00	6,275	15,239	0.3215	4,281	13.58	315	13.5
2012	26,740.00	6,500	15,786	0.3039	5,606	13.93	403	12.5
2016	35,882.00	6,565	15,941	0.2287	12,765	15.43	827	8.5
2017	10,008.67	1,668	4,050	0.2083	3,957	15.84	250	7.5
2018	20,181.61	3,019	7,331	0.1870	8,815	16.26	542	6.5
2020	15,307.72	1,721	4,178	0.1406	8,068	17.19	469	4.5
2024	38,050.52	632	1,533	0.0208	28,907	19.59	1,476	0.5
TOTAL	398,562.01	123,743	235,306		83,544		5,140	

COMPOSITE ANNUAL ACCRUAL RATE	1.29%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.59
COMPOSITE AVERAGE AGE (YEARS)	20.36
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	12.24

Newfoundland and Labrador Hydro

Account #: M13 - Mobile - Argos

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R5
ASL: 9
Net Salvage: 20%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2013	29,517.76	23,090	23,614	0.9778	0	0.50	0	11.5
2016	180,604.96	126,106	144,484	0.8728	0	1.18	0	8.5
2018	85,666.18	48,683	59,409	0.7104	9,124	2.61	3,497	6.5
2019	99,291.64	48,316	58,982	0.6083	20,451	3.53	5,801	5.5
2021	115,098.22	35,819	43,713	0.3890	48,365	5.50	8,794	3.5
2023	119,800.98	16,005	19,501	0.1670	76,340	7.50	10,179	1.5
2024	180,734.98	8,097	9,809	0.0560	134,779	8.50	15,857	0.5
TOTAL	810,714.72	306,116	359,512		289,059		44,128	

COMPOSITE ANNUAL ACCRUAL RATE	5.44%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.44
COMPOSITE AVERAGE AGE (YEARS)	4.50
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	4.77

Newfoundland and Labrador Hydro

Account #: M14 - Mobile - Flex / Fork / Load / Grade / Musk / Trailer

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 18
Net Salvage: 20%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1981	14,761.78	11,809	11,809	1.0000	0		0	43.5
1992	11,712.79	8,284	9,370	0.8841	0	2.12	0	32.5
1993	0.01	0	0	0.8718	0	2.34	0	31.5
1995	0.01	0	0	0.8464	0	2.79	0	29.5
1998	40,096.72	25,825	32,077	0.8051	0	3.52	0	26.5
1999	81,839.00	51,782	65,471	0.7909	0	3.78	0	25.5
2000	4,125.00	2,562	3,244	0.7764	56	4.04	14	24.5
2001	266,765.00	162,663	205,935	0.7622	7,477	4.30	1,740	23.5
2003	15,997.87	9,413	11,921	0.7355	878	4.77	184	21.5
2004	17,497.50	10,135	12,833	0.7240	1,165	4.98	234	20.5
2005	652,558.24	372,590	471,829	0.7137	50,218	5.17	9,722	19.5
2006	623,357.02	351,264	444,783	0.7044	53,903	5.33	10,105	18.5
2007	443,038.43	246,315	311,937	0.6950	42,494	5.50	7,723	17.5
2008	1,118,535.76	612,662	775,758	0.6847	119,071	5.69	20,930	16.5
2009	966,946.93	519,637	658,107	0.6718	115,451	5.92	19,506	15.5
2010	208,961.00	109,569	138,749	0.6554	28,420	6.21	4,574	14.5
2011	1,078,068.19	546,969	692,865	0.6342	169,590	6.59	25,727	13.5
2012	1,148,640.88	558,221	707,476	0.6075	211,437	7.07	29,919	12.5
2013	1,176,264.02	541,712	686,347	0.5757	254,665	7.64	33,322	11.5
2014	1,486,092.26	639,567	810,831	0.5380	378,043	8.32	45,465	10.5
2015	249,148.45	98,942	125,343	0.4964	73,976	9.07	8,156	9.5
2016	278,302.95	100,300	127,171	0.4505	95,471	9.89	9,654	8.5
2017	238,110.51	76,753	97,201	0.4029	93,288	10.75	8,675	7.5
2018	654,766.26	184,649	234,116	0.3525	289,697	11.65	24,860	6.5
2019	134,692.49	32,488	41,118	0.3015	66,636	12.58	5,296	5.5
2020	1,148,670.81	227,988	288,953	0.2481	629,984	13.53	46,546	4.5
2021	715,364.37	110,716	140,642	0.1935	431,650	14.51	29,748	3.5
2022	302,170.91	33,580	42,540	0.1389	199,197	15.50	12,851	2.5

Newfoundland and Labrador Hydro

Account #: M14 - Mobile - Flex / Fork / Load / Grade / Musk / Trailer

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 18
Net Salvage: 20%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2023	494,946.19	32,864	41,832	0.0830	354,125	16.50	21,462	1.5
2024	1,834,234.00	41,087	51,695	0.0280	1,415,693	17.50	80,898	0.5
TOTAL	15,405,665.35	5,720,348	7,241,949		5,082,583		457,311	

COMPOSITE ANNUAL ACCRUAL RATE	2.97%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.47
COMPOSITE AVERAGE AGE (YEARS)	10.35
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	9.65

Newfoundland and Labrador Hydro

Account #: M16 - Multiplex Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S1.5
ASL: 18
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1980	72,014.91	72,015	72,015	1.0000	0		0	45.5
1999	37,192.70	31,798	37,193	0.8549	0	2.74	0	25.5
2000	64,304.02	53,915	64,304	0.8384	0	3.02	0	24.5
2001	41,228.45	33,871	41,228	0.8215	0	3.31	0	23.5
2002	175,339.70	140,912	175,340	0.8037	0	3.61	0	22.5
2003	369,666.45	290,162	369,666	0.7849	0	3.93	0	21.5
2005	62,819.85	46,814	59,789	0.7452	3,031	4.61	657	19.5
2008	148,474.73	100,601	128,745	0.6776	19,730	5.80	3,400	16.5
2010	413,822.99	258,826	331,516	0.6255	82,307	6.73	12,228	14.5
2012	5,970.56	3,379	4,333	0.5659	1,638	7.79	210	12.5
2016	0.01	0	0	0.4225	0	10.38	0	8.5
2017	1,416,234.31	539,670	690,661	0.3811	725,573	11.14	65,132	7.5
2018	267,673.24	90,049	115,313	0.3364	152,360	11.94	12,760	6.5
2019	374,459.24	108,646	138,882	0.2901	235,578	12.78	18,429	5.5
2020	96,237.47	23,174	29,656	0.2408	66,581	13.67	4,872	4.5
2024	398,695.09	11,148	14,161	0.0280	384,534	17.50	21,973	0.5
TOTAL	3,944,133.72	1,804,979	2,272,802		1,671,332		139,661	

COMPOSITE ANNUAL ACCRUAL RATE	3.54%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.58
COMPOSITE AVERAGE AGE (YEARS)	11.02
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	9.77

Newfoundland and Labrador Hydro

Account #: O01 - Office Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 20
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2006	35,796.60	33,112	35,023	0.9250	773	1.50	516	18.5
2007	17,054.54	14,923	15,784	0.8750	1,270	2.50	508	17.5
2008	78,853.72	65,054	68,810	0.8250	10,044	3.50	2,870	16.5
2009	28,238.18	21,885	23,148	0.7750	5,090	4.50	1,131	15.5
2010	114,097.21	82,720	87,496	0.7250	26,602	5.50	4,837	14.5
2011	14,869.60	10,037	10,616	0.6750	4,253	6.50	654	13.5
2012	10,168.04	6,355	6,722	0.6250	3,446	7.50	459	12.5
2013	10,130.23	5,825	6,161	0.5750	3,969	8.50	467	11.5
2014	121,923.66	64,010	67,705	0.5250	54,219	9.50	5,707	10.5
2015	6,121.97	2,908	3,076	0.4750	3,046	10.50	290	9.5
2016	42,796.04	18,188	19,238	0.4250	23,558	11.50	2,049	8.5
2017	264,525.59	99,197	104,923	0.3750	159,602	12.50	12,768	7.5
2018	7,069.00	2,297	2,430	0.3250	4,639	13.50	344	6.5
2019	48,819.98	13,425	14,201	0.2750	34,619	14.50	2,388	5.5
2021	2,617.04	458	484	0.1750	2,133	16.50	129	3.5
2023	48,644.11	3,648	3,859	0.0750	44,785	18.50	2,421	1.5
2024	5,853.25	146	155	0.0250	5,698	19.50	292	0.5
TOTAL	857,578.76	444,190	469,831		387,748		37,830	

COMPOSITE ANNUAL ACCRUAL RATE 4.41%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.55

COMPOSITE AVERAGE AGE (YEARS) 10.36

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 9.64

Newfoundland and Labrador Hydro

Account #: O02 - Office Furniture

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 20
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2005	85,208.45	83,078	85,208	0.9750	0	0.50	0	19.5
2006	104,781.44	96,923	104,781	0.9250	0	1.50	0	18.5
2007	48,104.97	42,092	46,109	0.8750	1,996	2.50	798	17.5
2008	83,805.96	69,140	75,739	0.8250	8,067	3.50	2,305	16.5
2009	128,532.85	99,613	109,120	0.7750	19,413	4.50	4,314	15.5
2010	194,647.39	141,119	154,588	0.7250	40,060	5.50	7,284	14.5
2011	84,517.24	57,049	62,494	0.6750	22,023	6.50	3,388	13.5
2012	90,136.68	56,335	61,712	0.6250	28,425	7.50	3,790	12.5
2013	24,491.46	14,083	15,427	0.5750	9,065	8.50	1,066	11.5
2014	36,046.62	18,924	20,731	0.5250	15,316	9.50	1,612	10.5
2015	58,064.89	27,581	30,213	0.4750	27,852	10.50	2,653	9.5
2016	10,126.00	4,304	4,714	0.4250	5,412	11.50	471	8.5
2017	7,510.41	2,816	3,085	0.3750	4,425	12.50	354	7.5
2018	28,414.43	9,235	10,116	0.3250	18,298	13.50	1,355	6.5
2019	12,436.79	3,420	3,747	0.2750	8,690	14.50	599	5.5
2020	96,705.20	21,759	23,835	0.2250	72,870	15.50	4,701	4.5
2021	36,831.84	6,446	7,061	0.1750	29,771	16.50	1,804	3.5
2022	12,376.72	1,547	1,695	0.1250	10,682	17.50	610	2.5
2023	23,877.03	1,791	1,962	0.0750	21,915	18.50	1,185	1.5
2024	64,541.47	1,614	1,768	0.0250	62,774	19.50	3,219	0.5
TOTAL	1,231,157.84	758,868	824,104		407,054		41,508	

COMPOSITE ANNUAL ACCRUAL RATE	3.37%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.67
COMPOSITE AVERAGE AGE (YEARS)	12.33
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	7.67

Newfoundland and Labrador Hydro

Account #: P01 - P.C.B Storage Container

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 30
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1991	42,479.84	38,178	42,480	0.8987	0	3.06	0	33.5
TOTAL	42,479.84	38,178	42,480		0		0	

COMPOSITE ANNUAL ACCRUAL RATE	0.00%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	1.00
COMPOSITE AVERAGE AGE (YEARS)	33.50
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	3.06

Newfoundland and Labrador Hydro

Account #: P02 - PABX - Private Auto Branch Exchange

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 20
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2000	258,657.30	240,590	258,657	0.9302	0	1.44	0	24.5
TOTAL	258,657.30	240,590	258,657		0		0	

COMPOSITE ANNUAL ACCRUAL RATE	0.00%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	1.00
COMPOSITE AVERAGE AGE (YEARS)	24.50
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	1.44

Newfoundland and Labrador Hydro

Account #: P03 - Penstock

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R5
ASL: 80
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	13,513,753.01	10,191,708	8,229,445	0.7183	5,959,996	22.53	264,581	58.5
1967	5,839,105.78	4,339,075	3,503,650	0.7077	2,627,411	23.40	112,282	57.5
1970	351,355.39	248,547	200,693	0.6737	168,230	26.09	6,449	54.5
1979	11,030,667.78	6,575,447	5,309,442	0.5677	6,272,759	34.60	181,282	45.5
1982	12,972,402.67	7,225,680	5,834,482	0.5305	7,786,541	37.55	207,390	42.5
1985	4,690,571.00	2,431,817	1,963,607	0.4938	2,961,493	40.52	73,093	39.5
1989	375,588.70	175,099	141,387	0.4440	252,981	44.50	5,685	35.5
2003	6,732,225.16	1,901,517	1,535,408	0.2690	5,533,428	58.50	94,589	21.5
2006	2,147,468.60	520,869	420,583	0.2310	1,834,259	61.50	29,826	18.5
2016	6,377,948.83	709,866	573,192	0.1060	6,123,655	71.50	85,646	8.5
2017	7,794,878.78	769,355	621,227	0.0940	7,563,396	72.50	104,324	7.5
2018	6,439,917.06	547,715	442,261	0.0810	6,319,652	73.50	85,982	6.5
2019	501,202.49	36,312	29,321	0.0690	496,942	74.50	6,670	5.5
2021	256,739.28	11,861	9,578	0.0440	259,999	76.50	3,399	3.5
2023	1,664,473.22	33,206	26,813	0.0190	1,720,884	78.50	21,922	1.5
2024	309,195.72	1,948	1,573	0.0060	323,083	79.50	4,064	0.5
TOTAL	80,997,493.47	35,720,022	28,842,659		56,204,709		1,287,184	

COMPOSITE ANNUAL ACCRUAL RATE 1.59%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.36

COMPOSITE AVERAGE AGE (YEARS) 33.86

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 46.40

Newfoundland and Labrador Hydro

Account #: P04 - Pole Cribs and Pole Hardware

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S2.5
ASL: 40
Net Salvage: -25%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	1,845.17	2,066	1,978	0.8960	329	4.45	74	56.5
1970	74,045.54	81,855	78,347	0.8844	14,210	4.87	2,915	54.5
1978	11,761.12	12,213	11,690	0.8308	3,011	6.88	438	46.5
1979	1,413.56	1,454	1,392	0.8230	375	7.17	52	45.5
1981	3,014,392.28	3,037,735	2,907,573	0.8062	860,418	7.80	110,372	43.5
1982	1,355,489.32	1,351,253	1,293,354	0.7975	401,007	8.13	49,333	42.5
1983	693,096.87	683,402	654,119	0.7888	212,252	8.48	25,041	41.5
1984	808,050.66	786,900	753,183	0.7791	256,881	8.84	29,062	40.5
1985	735,973.61	708,099	677,758	0.7697	242,209	9.22	26,276	39.5
1986	1,165,073.19	1,105,611	1,058,237	0.7592	398,104	9.61	41,408	38.5
1987	2,122,202.80	1,987,125	1,901,979	0.7491	750,774	10.03	74,867	37.5
1988	1,154,830.63	1,064,812	1,019,186	0.7376	424,352	10.46	40,566	36.5
1989	1,673,961.64	1,520,501	1,455,350	0.7267	637,102	10.91	58,379	35.5
1990	1,744,918.14	1,557,907	1,491,153	0.7143	689,995	11.39	60,600	34.5
1991	1,744,871.38	1,531,844	1,466,207	0.7023	714,882	11.88	60,175	33.5
1992	1,095,172.39	943,026	902,618	0.6889	466,347	12.40	37,620	32.5
1993	1,266,777.96	1,070,253	1,024,395	0.6759	559,078	12.94	43,222	31.5
1994	1,573,714.47	1,300,852	1,245,113	0.6613	722,030	13.50	53,493	30.5
1995	1,861,510.67	1,506,172	1,441,634	0.6473	885,254	14.08	62,855	29.5
1996	2,622,563.42	2,069,989	1,981,294	0.6314	1,296,911	14.69	88,255	28.5
1997	4,884,526.62	3,762,612	3,601,390	0.6163	2,504,268	15.33	163,349	27.5
1998	1,878,680.76	1,406,874	1,346,591	0.5991	1,001,760	15.99	62,642	26.5
1999	1,365,623.64	993,577	951,003	0.5821	756,026	16.68	45,330	25.5
2000	2,049,493.54	1,447,519	1,385,495	0.5650	1,176,372	17.39	67,648	24.5
2001	2,399,127.49	1,639,534	1,569,282	0.5467	1,429,627	18.13	78,872	23.5
2002	4,727,745.92	3,114,580	2,981,125	0.5270	2,928,557	18.89	155,057	22.5
2003	3,145,759.93	1,998,541	1,912,906	0.5083	2,019,294	19.67	102,649	21.5
2004	3,558,404.93	2,167,647	2,074,767	0.4873	2,373,240	20.48	115,881	20.5

Newfoundland and Labrador Hydro

Account #: P04 - Pole Cribs and Pole Hardware

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S2.5
ASL: 40
Net Salvage: -25%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2005	3,462,816.60	2,023,454	1,936,752	0.4675	2,391,769	21.31	112,235	19.5
2006	4,537,133.14	2,525,879	2,417,649	0.4454	3,253,768	22.16	146,818	18.5
2007	3,973,884.13	2,108,593	2,018,243	0.4245	2,949,112	23.03	128,036	17.5
2008	5,702,540.68	2,861,179	2,738,582	0.4014	4,389,594	23.92	183,485	16.5
2009	5,642,349.74	2,677,436	2,562,712	0.3796	4,490,225	24.83	180,835	15.5
2010	5,042,753.64	2,241,819	2,145,761	0.3557	4,157,681	25.75	161,443	14.5
2011	7,085,136.89	2,951,048	2,824,600	0.3332	6,031,821	26.69	225,997	13.5
2012	7,448,821.63	2,872,917	2,749,817	0.3086	6,561,210	27.64	237,391	12.5
2013	15,668,176.57	5,572,779	5,333,994	0.2845	14,251,227	28.60	498,319	11.5
2014	1,614,341.82	525,246	502,740	0.2603	1,515,187	29.57	51,245	10.5
2015	7,839,100.21	2,320,766	2,221,324	0.2368	7,577,551	30.54	248,082	9.5
2016	13,456,636.75	3,553,898	3,401,619	0.2113	13,419,177	31.53	425,629	8.5
2017	1,842,447.15	431,962	413,453	0.1876	1,889,606	32.52	58,112	7.5
2018	6,007,978.77	1,214,663	1,162,617	0.1617	6,347,357	33.51	189,423	6.5
2019	481,186.18	82,914	79,362	0.1379	522,121	34.50	15,132	5.5
2020	941,894.94	131,748	126,102	0.1119	1,051,266	35.50	29,612	4.5
2021	722,163.98	79,393	75,991	0.0880	826,714	36.50	22,649	3.5
2022	453,578.27	35,124	33,619	0.0620	533,354	37.50	14,223	2.5
2023	1,016,559.26	48,223	46,157	0.0380	1,224,542	38.50	31,806	1.5
2024	148,950.03	2,225	2,130	0.0120	184,058	39.50	4,660	0.5
TOTAL	141,819,478.03	73,115,215	69,982,343		107,292,005		4,621,563	

COMPOSITE ANNUAL ACCRUAL RATE 3.26%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.49

COMPOSITE AVERAGE AGE (YEARS) 18.12

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 23.49

Newfoundland and Labrador Hydro

Account #: P05 - Pole Structures - Wood

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 57
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	1,357,249.51	1,198,022	1,226,541	0.8024	266,433	11.27	23,639	57.5
1968	686,797.97	599,834	614,113	0.7940	141,365	11.74	12,041	56.5
1969	420,665.37	363,568	372,223	0.7857	90,509	12.23	7,402	55.5
1970	2,777,328.16	2,372,744	2,429,226	0.7767	625,835	12.73	49,162	54.5
1971	20,688.28	17,474	17,890	0.7679	4,867	13.25	367	53.5
1974	2,809,521.88	2,282,562	2,336,898	0.7386	753,576	14.91	50,553	50.5
1975	4,543.00	3,638	3,725	0.7280	1,273	15.49	82	49.5
1976	96,666.15	76,327	78,144	0.7178	28,189	16.09	1,752	48.5
1977	39,730.43	30,888	31,623	0.7068	12,080	16.70	723	47.5
1978	87,824.46	67,246	68,847	0.6961	27,760	17.33	1,602	46.5
1979	3,913.00	2,946	3,016	0.6845	1,288	17.97	72	45.5
1980	867,116.74	642,270	657,559	0.6734	296,269	18.63	15,903	44.5
1981	5,935,302.79	4,317,583	4,420,362	0.6613	2,108,472	19.30	109,249	43.5
1982	6,536,188.30	4,671,505	4,782,709	0.6497	2,407,098	19.98	120,466	42.5
1983	5,722,776.16	4,011,712	4,107,210	0.6373	2,187,844	20.68	105,820	41.5
1984	443,026.83	304,683	311,936	0.6252	175,393	21.38	8,203	40.5
1985	2,038,326.81	1,373,009	1,405,693	0.6124	836,467	22.10	37,852	39.5
1986	143,935.40	94,879	97,137	0.5993	61,192	22.83	2,681	38.5
1987	4,556,363.26	2,940,540	3,010,539	0.5867	2,001,461	23.57	84,930	37.5
1988	2,638,826.75	1,663,833	1,703,440	0.5732	1,199,269	24.32	49,322	36.5
1989	585,499.62	360,803	369,392	0.5602	274,658	25.08	10,953	35.5
1990	23,653,440.93	14,216,664	14,555,088	0.5464	11,463,697	25.85	443,546	34.5
1991	223,252.59	130,922	134,039	0.5331	111,539	26.62	4,189	33.5
1992	143,107.01	81,684	83,629	0.5189	73,789	27.41	2,692	32.5
1993	127,323.81	70,775	72,459	0.5053	67,597	28.21	2,396	31.5
1994	35,715.32	19,282	19,741	0.4908	19,546	29.02	674	30.5
1995	2,992,281.01	1,569,918	1,607,290	0.4770	1,684,219	29.84	56,448	29.5
1996	6,014,190.95	3,057,073	3,129,846	0.4621	3,485,764	30.66	113,684	28.5

Newfoundland and Labrador Hydro

Account #: P05 - Pole Structures - Wood

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 57
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1997	284,490.40	139,909	143,239	0.4471	169,700	31.50	5,388	27.5
1998	3,226,021.07	1,535,667	1,572,223	0.4328	1,976,400	32.34	61,115	26.5
1999	77,573.44	35,619	36,467	0.4174	48,864	33.19	1,472	25.5
2000	6,685,201.39	2,962,079	3,032,591	0.4028	4,321,131	34.05	126,912	24.5
2001	4,192,381.31	1,785,804	1,828,314	0.3872	2,783,305	34.92	79,715	23.5
2002	1,078,745.34	441,779	452,295	0.3723	734,325	35.79	20,517	22.5
2003	4,285,684.52	1,680,443	1,720,445	0.3565	2,993,808	36.67	81,637	21.5
2004	451,648.77	169,562	173,599	0.3413	323,215	37.56	8,605	20.5
2005	2,059,566.98	736,748	754,286	0.3252	1,511,237	38.46	39,295	19.5
2006	4,146,340.56	1,413,218	1,446,859	0.3099	3,114,115	39.36	79,115	18.5
2007	465,969.53	150,423	154,004	0.2935	358,563	40.27	8,903	17.5
2008	2,770,256.81	844,036	864,128	0.2770	2,183,154	41.19	53,004	16.5
2009	2,380,422.27	684,100	700,385	0.2613	1,918,080	42.11	45,548	15.5
2010	5,182,488.96	1,393,944	1,427,127	0.2445	4,273,611	43.04	99,294	14.5
2011	3,723,219.33	936,568	958,863	0.2287	3,136,678	43.97	71,330	13.5
2012	2,562,848.59	596,980	611,191	0.2118	2,207,943	44.91	49,160	12.5
2013	2,673,153.89	575,450	589,148	0.1957	2,351,321	45.86	51,274	11.5
2014	4,954,409.54	973,343	996,513	0.1786	4,453,337	46.81	95,141	10.5
2015	8,379,107.26	1,497,028	1,532,664	0.1624	7,684,354	47.76	160,889	9.5
2016	3,531,065.21	563,749	577,169	0.1451	3,307,003	48.72	67,878	8.5
2017	5,574,525.54	789,921	808,725	0.1288	5,323,253	49.68	107,146	7.5
2018	3,727,077.78	456,634	467,504	0.1114	3,632,281	50.65	71,716	6.5
2019	3,617,271.44	373,708	382,604	0.0939	3,596,395	51.62	69,674	5.5
2020	4,599,263.46	391,682	401,006	0.0774	4,658,183	52.59	88,575	4.5
2021	2,985,577.85	196,621	201,302	0.0599	3,082,834	53.57	57,553	3.5
2022	2,385,188.46	113,397	116,096	0.0432	2,507,611	54.54	45,974	2.5
2023	5,356,886.87	150,732	154,320	0.0256	5,738,255	55.52	103,346	1.5
2024	5,126,460.12	49,737	50,921	0.0088	5,588,185	56.51	98,892	0.5

Newfoundland and Labrador Hydro

Account #: P05 - Pole Structures - Wood

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 57
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	167,444,449.18	68,181,267	69,804,304		114,384,590		3,165,471	

COMPOSITE ANNUAL ACCRUAL RATE	1.89%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.42
COMPOSITE AVERAGE AGE (YEARS)	23.39
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	35.90

Newfoundland and Labrador Hydro

Account #: P06 - Poles - Concrete

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 25
Net Salvage: -25%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1981	23,208.03	29,010	24,689	1.0000	4,321		4,321	44.5
1982	72,462.60	90,578	77,086	1.0000	13,492		13,492	43.5
1984	58,940.77	73,676	62,702	1.0000	10,974		10,974	41.5
1986	69,138.28	86,423	73,550	1.0000	12,873		12,873	39.5
1987	10,316.62	12,809	10,901	0.9933	1,994	0.50	1,994	37.5
1990	23,134.24	28,027	23,852	0.9692	5,065	0.85	5,065	34.5
1994	34,476.00	40,027	34,065	0.9288	9,030	1.81	4,982	30.5
1997	1,639.61	1,831	1,558	0.8932	492	2.69	183	27.5
1999	571.34	616	524	0.8626	190	3.45	55	25.5
2005	15,775.50	14,159	12,050	0.7180	7,670	7.05	1,087	19.5
2014	24,097.27	12,458	10,603	0.4136	19,519	14.66	1,331	10.5
TOTAL	333,760.26	389,614	331,580		85,620		56,357	

COMPOSITE ANNUAL ACCRUAL RATE	16.89%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.99
COMPOSITE AVERAGE AGE (YEARS)	36.61
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	1.67

Newfoundland and Labrador Hydro

Account #: P07 - Poles - Wood

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 50
Net Salvage: -25%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	1,429.92	1,317	1,787	0.7367	0	13.24	0	56.5
1970	15,020.65	13,508	18,682	0.7195	94	14.07	7	54.5
1979	287.20	227	315	0.6329	44	18.29	2	45.5
1981	1,490,979.07	1,139,853	1,581,954	0.6116	281,770	19.35	14,563	43.5
1982	405,684.28	304,593	422,823	0.6007	84,283	19.89	4,237	42.5
1983	345,432.11	254,540	353,421	0.5895	78,369	20.44	3,834	41.5
1984	420,564.68	303,989	422,105	0.5783	103,601	21.00	4,932	40.5
1985	130,084.55	92,165	127,985	0.5668	34,621	21.58	1,605	39.5
1986	878,308.90	609,437	846,447	0.5551	251,439	22.16	11,347	38.5
1987	1,091,720.55	741,346	1,029,774	0.5433	334,876	22.75	14,720	37.5
1988	934,144.75	620,330	861,720	0.5313	305,961	23.35	13,103	36.5
1989	1,571,533.93	1,019,631	1,416,524	0.5191	547,893	23.96	22,867	35.5
1990	964,685.51	611,008	848,873	0.5067	356,984	24.58	14,524	34.5
1991	787,551.77	486,461	675,899	0.4942	308,541	25.21	12,241	33.5
1992	737,160.16	443,678	616,420	0.4815	305,030	25.84	11,803	32.5
1993	871,479.76	510,524	709,298	0.4687	380,051	26.49	14,349	31.5
1994	1,332,507.83	758,863	1,054,425	0.4556	611,210	27.14	22,521	30.5
1995	946,190.53	523,302	727,090	0.4425	455,648	27.80	16,390	29.5
1996	1,565,455.90	839,671	1,166,737	0.4291	790,083	28.47	27,753	28.5
1997	1,934,588.04	1,005,260	1,396,581	0.4157	1,021,654	29.14	35,054	27.5
1998	1,150,531.20	578,214	803,355	0.4021	634,809	29.83	21,282	26.5
1999	944,326.52	458,412	636,802	0.3884	543,606	30.52	17,812	25.5
2000	1,134,501.73	531,018	737,658	0.3745	680,469	31.22	21,799	24.5
2001	1,265,424.36	570,153	791,944	0.3605	789,836	31.92	24,744	23.5
2002	6,219,187.14	2,692,131	3,739,206	0.3463	4,034,778	32.63	123,650	22.5
2003	1,450,207.33	601,927	835,936	0.3321	976,823	33.35	29,292	21.5
2004	1,410,039.18	559,874	777,503	0.3177	985,046	34.07	28,912	20.5
2005	1,938,219.67	734,464	1,019,859	0.3032	1,402,915	34.80	40,315	19.5

Newfoundland and Labrador Hydro

Account #: P07 - Poles - Wood

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 50
Net Salvage: -25%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2006	4,237,066.54	1,527,992	2,121,788	0.2885	3,174,545	35.53	89,340	18.5
2007	2,039,954.48	698,174	969,316	0.2738	1,580,627	36.27	43,576	17.5
2008	1,910,171.40	618,299	858,396	0.2590	1,529,318	37.02	41,313	16.5
2009	1,439,822.76	439,236	609,653	0.2441	1,190,125	37.77	31,512	15.5
2010	1,568,658.50	449,127	623,216	0.2291	1,337,607	38.52	34,723	14.5
2011	2,438,611.25	652,024	904,712	0.2139	2,143,552	39.28	54,568	13.5
2012	3,783,242.37	939,663	1,303,443	0.1987	3,425,610	40.05	85,540	12.5
2013	4,191,218.83	960,575	1,332,395	0.1834	3,906,629	40.82	95,713	11.5
2014	4,143,854.40	869,691	1,206,307	0.1679	3,973,511	41.59	95,540	10.5
2015	4,021,358.93	766,069	1,062,240	0.1524	3,964,459	42.37	93,570	9.5
2016	1,076,763.23	184,059	255,223	0.1368	1,090,731	43.15	25,276	8.5
2017	3,305,328.13	500,137	693,270	0.1211	3,438,390	43.94	78,251	7.5
2018	1,682,229.62	221,213	306,664	0.1052	1,796,123	44.73	40,152	6.5
2019	4,252,442.85	474,679	657,800	0.0893	4,657,754	45.53	102,298	5.5
2020	6,236,167.83	571,389	791,481	0.0733	7,003,729	46.33	151,159	4.5
2021	5,651,824.07	404,105	559,460	0.0572	6,505,320	47.14	137,999	3.5
2022	3,379,339.82	172,980	239,586	0.0410	3,984,588	47.95	83,096	2.5
2023	4,072,067.07	125,471	173,666	0.0247	4,916,418	48.77	100,813	1.5
2024	5,713,835.31	58,924	81,366	0.0082	7,060,928	49.59	142,390	0.5
TOTAL	97,081,204.61	27,639,703	38,371,107		82,980,399		2,080,487	

COMPOSITE ANNUAL ACCRUAL RATE	2.14%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.40
COMPOSITE AVERAGE AGE (YEARS)	14.89
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	38.58

Newfoundland and Labrador Hydro

Account #: P08 - Power Line Carrier

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 25
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1978	50,794.89	53,335	53,335	1.0000	0		0	47.5
1980	99,503.65	104,479	104,479	1.0000	0		0	45.5
1982	2,537.79	2,665	2,665	1.0000	0		0	43.5
1995	319,668.37	291,413	335,652	0.8682	0	3.31	0	29.5
1996	115,824.11	103,981	121,615	0.8550	0	3.64	0	28.5
1999	511,111.35	433,359	512,365	0.8075	24,302	4.82	5,039	25.5
2000	278,067.01	230,277	272,278	0.7887	19,692	5.29	3,722	24.5
2002	594,654.98	466,105	551,222	0.7465	73,166	6.34	11,537	22.5
2003	258,180.09	196,079	231,874	0.7233	39,215	6.92	5,665	21.5
2004	287,074.34	210,578	249,051	0.6986	52,377	7.54	6,949	20.5
2008	368,553.14	227,622	269,196	0.5882	117,785	10.30	11,437	16.5
2009	351,267.78	205,771	243,399	0.5579	125,433	11.05	11,348	15.5
2017	753,098.87	227,025	268,496	0.2871	522,258	17.82	29,301	7.5
2019	500,582.16	111,798	132,243	0.2127	393,369	19.68	19,986	5.5
2020	27,654.85	5,076	6,004	0.1748	23,034	20.63	1,117	4.5
2024	879,425.20	18,191	21,494	0.0197	901,903	24.51	36,800	0.5
TOTAL	5,397,998.58	2,887,752	3,375,365		2,292,533		142,901	

COMPOSITE ANNUAL ACCRUAL RATE	2.65%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.63
COMPOSITE AVERAGE AGE (YEARS)	15.73
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	12.27

Newfoundland and Labrador Hydro

Account #: P09 - Power Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1990	3,702.71	2,893	3,703	0.7813	0	5.48	0	34.5
1992	2,349.84	1,788	2,350	0.7607	0	5.99	0	32.5
1997	29,300.16	20,999	29,300	0.7167	0	7.09	0	27.5
1998	2,672.81	1,897	2,673	0.7097	0	7.27	0	26.5
2003	374,436.07	251,434	374,436	0.6715	0	8.22	0	21.5
2004	29,433.83	19,426	29,434	0.6600	0	8.51	0	20.5
2006	87,827.18	55,314	87,827	0.6298	0	9.26	0	18.5
2012	32,019.36	15,171	28,248	0.4738	3,772	13.15	287	12.5
2013	62,329.30	27,444	51,097	0.4403	11,232	13.99	803	11.5
2014	13,790.40	5,593	10,413	0.4056	3,377	14.86	227	10.5
2017	820,776.39	242,786	452,096	0.2958	368,681	17.60	20,943	7.5
2018	243,517.02	62,754	116,851	0.2577	126,666	18.56	6,826	6.5
2021	953,848.59	133,443	248,535	0.1399	705,314	21.50	32,803	3.5
2022	54,381.10	5,438	10,127	0.1000	44,254	22.50	1,967	2.5
2023	138,466.97	8,308	15,473	0.0600	122,994	23.50	5,234	1.5
2024	133,894.12	2,678	4,990	0.0200	128,904	24.50	5,261	0.5
TOTAL	2,982,745.85	857,366	1,467,552		1,515,194		74,351	

COMPOSITE ANNUAL ACCRUAL RATE	2.49%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.49
COMPOSITE AVERAGE AGE (YEARS)	8.08
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	17.81

Newfoundland and Labrador Hydro

Account #: P11 - Printers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 6
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2019	113,857.81	104,370	66,206	0.9167	47,652	0.50	47,652	5.5
2020	621,444.25	466,083	295,654	0.7500	325,790	1.50	217,193	4.5
2021	165,155.42	96,341	61,113	0.5833	104,043	2.50	41,617	3.5
2022	73,743.39	30,726	19,491	0.4167	54,252	3.50	15,501	2.5
2023	87,551.64	21,888	13,884	0.2500	73,667	4.50	16,371	1.5
2024	161,176.92	13,431	8,520	0.0833	152,657	5.50	27,756	0.5
TOTAL	1,222,929.43	732,839	464,868		758,061		366,090	

COMPOSITE ANNUAL ACCRUAL RATE 29.94%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.38

COMPOSITE AVERAGE AGE (YEARS) 3.60

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 2.40

Newfoundland and Labrador Hydro

Account #: P12 - Protective Control and Relay Panels

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1965	112,137.03	112,137	112,137	1.0000	0		0	60.5
1967	213,331.37	210,799	213,331	0.9881	0	0.56	0	57.5
1968	57,082.00	56,033	57,082	0.9816	0	0.73	0	56.5
1972	160,693.26	153,317	159,462	0.9541	1,232	1.65	748	52.5
1980	274,001.64	245,168	255,203	0.8948	18,798	3.69	5,089	44.5
1984	65,632.30	56,495	58,809	0.8608	6,824	4.88	1,398	40.5
1987	97,897.63	81,177	84,525	0.8292	13,373	5.98	2,236	37.5
1988	11,036.18	9,023	9,392	0.8176	1,644	6.39	257	36.5
1995	81,935.56	58,414	60,813	0.7129	21,122	10.05	2,101	29.5
1996	422,516.97	293,573	305,740	0.6948	116,777	10.68	10,936	28.5
1999	123,789.76	78,977	82,187	0.6380	41,603	12.68	3,280	25.5
2003	1,705,507.19	943,725	983,010	0.5533	722,498	15.63	46,234	21.5
2004	267,884.42	142,391	148,204	0.5315	119,680	16.40	7,296	20.5
2005	136,944.76	69,646	72,532	0.5086	64,412	17.20	3,745	19.5
2006	84,139.78	40,883	42,542	0.4859	41,598	18.01	2,310	18.5
2007	417,771.63	193,052	201,007	0.4621	216,765	18.83	11,513	17.5
2008	45,838.89	20,070	20,914	0.4378	24,925	19.66	1,268	16.5
2009	143,451.35	59,386	61,819	0.4140	81,632	20.52	3,979	15.5
2010	77,951.21	30,321	31,590	0.3890	46,361	21.38	2,169	14.5
2011	1,280,662.18	466,648	485,612	0.3644	795,050	22.25	35,725	13.5
2012	92,578.40	31,350	32,658	0.3386	59,920	23.14	2,589	12.5
2013	2,706,453.05	848,446	882,296	0.3135	1,824,157	24.04	75,872	11.5
2014	401,238.87	115,196	119,933	0.2871	281,306	24.95	11,273	10.5
2015	802,970.72	209,037	218,010	0.2603	584,961	25.87	22,608	9.5
2016	1,425,802.49	334,051	347,637	0.2343	1,078,165	26.80	40,223	8.5
2017	5,338,682.58	1,105,428	1,152,465	0.2071	4,186,218	27.74	150,886	7.5
2018	1,703,634.76	307,506	319,741	0.1805	1,383,894	28.69	48,233	6.5
2019	2,253,975.37	344,453	358,996	0.1528	1,894,980	29.65	63,919	5.5

Newfoundland and Labrador Hydro

Account #: P12 - Protective Control and Relay Panels

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2020	3,391,469.66	427,088	443,143	0.1259	2,948,327	30.61	96,325	4.5
2021	3,456,084.11	338,005	352,098	0.0978	3,103,986	31.58	98,303	3.5
2022	2,894,645.29	201,409	211,108	0.0696	2,683,537	32.55	82,447	2.5
2023	1,884,898.20	79,618	82,644	0.0422	1,802,254	33.53	53,756	1.5
2024	4,741,239.85	65,239	69,411	0.0138	4,671,829	34.51	135,384	0.5
TOTAL	36,873,878.46	7,728,063	8,036,051		28,837,828		1,022,102	

COMPOSITE ANNUAL ACCRUAL RATE	2.77%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.22
COMPOSITE AVERAGE AGE (YEARS)	8.19
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	27.66

Newfoundland and Labrador Hydro

Account #: R01 - Radio Towers (Wood or Steel)

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2
ASL: 48
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1980	931,522.68	671,993	978,099	0.6870	0	15.02	0	44.5
1982	162,058.32	113,106	170,161	0.6647	0	16.08	0	42.5
1984	345,750.61	233,049	363,038	0.6419	0	17.20	0	40.5
1990	60,871.98	36,213	63,916	0.5666	0	20.81	0	34.5
1993	20,347.95	11,228	21,365	0.5255	0	22.77	0	31.5
2001	1,909,782.98	818,352	1,574,261	0.4081	431,012	28.43	15,161	23.5
2003	4,252,661.21	1,681,005	3,235,679	0.3765	1,229,615	29.94	41,076	21.5
2005	231,191.05	83,526	160,906	0.3441	81,844	31.48	2,600	19.5
2007	361,138.62	118,252	227,429	0.3119	151,767	33.05	4,592	17.5
2009	74,718.10	21,820	42,007	0.2781	36,447	34.65	1,052	15.5
2010	214,646.98	58,851	113,326	0.2611	112,053	35.46	3,160	14.5
2013	26,296.91	5,793	11,134	0.2098	16,478	37.95	434	11.5
2018	132,445.44	16,695	32,240	0.1201	106,828	42.22	2,530	6.5
2020	200,055.29	17,670	33,927	0.0841	176,131	43.97	4,005	4.5
2021	185,525.34	12,767	24,546	0.0655	170,256	44.86	3,795	3.5
TOTAL	9,109,013.46	3,900,319	7,052,034		2,512,430		78,405	

COMPOSITE ANNUAL ACCRUAL RATE 0.86%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.77

COMPOSITE AVERAGE AGE (YEARS) 24.06

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 28.43

Newfoundland and Labrador Hydro

ALG - Remaining Life
Survivor Curve: R5
ASL: 15
Net Salvage: 0%
Truncation Year:

Account #: R02 - Radios - Fixed Microwave Equipment and Fixed UHF Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1980	133,758.69	133,759	130,820	1.0000	2,939		2,939	44.5
2003	1,856,689.42	1,856,689	1,815,898	1.0000	40,791		40,791	21.5
2007	184,426.72	175,796	171,933	0.9532	12,493	0.80	12,493	17.5
2008	39,521.58	37,040	36,226	0.9372	3,296	1.01	3,278	16.5
2009	49,779.53	45,527	44,527	0.9146	5,253	1.32	3,981	15.5
2010	52,446.64	46,414	45,394	0.8850	7,053	1.75	4,025	14.5
2012	26,928.92	21,567	21,093	0.8009	5,836	2.99	1,951	12.5
2014	840,199.07	580,494	567,740	0.6909	272,459	4.64	58,734	10.5
2015	3,385.14	2,130	2,083	0.6292	1,302	5.56	234	9.5
2017	1,048,572.19	523,972	512,460	0.4997	536,112	7.50	71,445	7.5
2019	937,879.06	344,202	336,640	0.3670	601,240	9.50	63,289	5.5
2022	124,746.83	20,833	20,375	0.1670	104,372	12.50	8,350	2.5
2024	215,848.70	7,123	6,967	0.0330	208,882	14.50	14,406	0.5
TOTAL	5,514,182.49	3,795,543	3,712,155		1,802,028		285,916	

COMPOSITE ANNUAL ACCRUAL RATE 5.19%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.67

COMPOSITE AVERAGE AGE (YEARS) 13.40

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 4.68

Newfoundland and Labrador Hydro

Account #: R04 - Radios - Fixed VHF Equipment and Mobile VHF Base Station

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 15
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1990	3,162.00	3,162	3,162	1.0000	0		0	35.5
1992	161,678.78	161,679	161,679	1.0000	0		0	33.5
2003	118,245.16	110,793	118,245	0.9370	0	1.01	0	21.5
2006	5,568,543.08	4,923,539	5,568,543	0.8842	0	1.77	0	18.5
2007	449,236.51	388,158	449,237	0.8640	0	2.07	0	17.5
2010	409,278.96	320,138	409,279	0.7822	0	3.28	0	14.5
2011	2,650.00	1,978	2,650	0.7465	0	3.81	0	13.5
2012	715,346.02	505,578	715,346	0.7068	0	4.40	0	12.5
2019	240.76	84	241	0.3476	0	9.79	0	5.5
2023	222,341.72	21,745	222,342	0.0978	0	13.53	0	1.5
TOTAL	7,650,722.99	6,436,854	7,650,723		0		0	

COMPOSITE ANNUAL ACCRUAL RATE	0.00%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	1.00
COMPOSITE AVERAGE AGE (YEARS)	17.54
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	2.41

Newfoundland and Labrador Hydro

Account #: R06 - Ramps - Yard Storage

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1975	23,739.53	23,740	23,740	1.0000	0		0	50.5
1979	41,423.85	41,424	41,424	1.0000	0		0	46.5
1982	17,210.71	17,211	17,211	1.0000	0		0	43.5
1987	32,563.96	31,069	32,564	0.9541	0	1.20	0	37.5
1989	105,848.63	98,820	105,849	0.9336	0	1.69	0	35.5
1990	80,081.66	73,939	80,082	0.9233	0	1.95	0	34.5
1991	18,109.67	16,534	18,110	0.9130	0	2.20	0	33.5
1992	11,484.17	10,366	11,484	0.9026	0	2.46	0	32.5
1993	49,461.82	44,110	49,462	0.8918	0	2.73	0	31.5
1996	49,965.87	42,721	48,588	0.8550	1,378	3.64	379	28.5
1999	91,261.53	73,694	83,828	0.8075	7,434	4.82	1,541	25.5
2001	54,773.84	42,088	47,881	0.7684	6,893	5.80	1,189	23.5
2005	37,371.68	25,140	28,607	0.6727	8,765	8.19	1,071	19.5
2006	157,317.16	101,564	115,570	0.6456	41,747	8.86	4,711	18.5
2007	62,524.29	38,602	43,926	0.6174	18,599	9.57	1,944	17.5
2008	128,268.49	75,448	85,847	0.5882	42,421	10.30	4,119	16.5
2009	275,236.83	153,555	174,753	0.5579	100,484	11.05	9,091	15.5
2010	194,580.30	102,505	116,656	0.5268	77,924	11.83	6,587	14.5
2014	30,779.66	12,133	13,807	0.3942	16,973	15.15	1,121	10.5
2015	120,479.01	43,264	49,238	0.3591	71,241	16.02	4,446	9.5
2018	477,720.85	119,478	135,992	0.2501	341,729	18.75	18,229	6.5
2020	79,771.46	13,944	15,869	0.1748	63,902	20.63	3,098	4.5

Newfoundland and Labrador Hydro

Account #: R06 - Ramps - Yard Storage

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	2,139,974.97	1,201,348	1,340,485		799,490		57,526	

COMPOSITE ANNUAL ACCRUAL RATE	2.69%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.63
COMPOSITE AVERAGE AGE (YEARS)	17.79
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	10.97

Newfoundland and Labrador Hydro

Account #: R07 - Reactors and Resistors

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S4
ASL: 40
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	20,083.02	19,142	16,902	0.9532	3,181	1.90	1,670	56.5
1977	15,220.00	13,921	12,292	0.9147	2,928	3.44	852	47.5
1978	8,000.00	7,271	6,420	0.9089	1,580	3.66	431	46.5
1981	11,332.11	10,074	8,895	0.8890	2,437	4.45	548	43.5
1995	706,182.60	504,327	445,310	0.7142	260,873	11.45	22,782	29.5
1996	31,021.13	21,522	19,004	0.6938	12,017	12.23	982	28.5
2000	201,957.01	122,782	108,414	0.6080	93,543	15.70	5,958	24.5
2006	15,887.39	7,336	6,478	0.4618	9,409	21.51	437	18.5
2012	9,873.56	3,081	2,720	0.3120	7,154	27.50	260	12.5
2014	105,579.69	27,662	24,425	0.2620	81,155	29.50	2,751	10.5
2015	74,835.30	17,811	15,727	0.2380	59,109	30.50	1,938	9.5
2017	181,500.00	34,122	30,129	0.1880	151,371	32.50	4,658	7.5
2023	1,011,787.04	38,448	33,949	0.0380	977,838	38.50	25,398	1.5
TOTAL	2,393,258.85	827,500	730,664		1,662,595		68,665	

COMPOSITE ANNUAL ACCRUAL RATE 2.87%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.31

COMPOSITE AVERAGE AGE (YEARS) 14.42

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 26.19

Newfoundland and Labrador Hydro

Account #: R08 - Reclosers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2
ASL: 48
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	56,551.87	47,412	59,379	0.7985	0	9.68	0	56.5
1970	67,004.38	55,035	70,355	0.7823	0	10.45	0	54.5
1971	22,140.91	17,997	23,248	0.7742	0	10.85	0	53.5
1975	119,849.97	92,853	125,842	0.7379	0	12.58	0	49.5
1978	39,762.62	29,572	41,181	0.7083	570	14.01	41	46.5
1981	167,227.11	118,694	165,354	0.6760	10,234	15.55	658	43.5
1982	76,694.33	53,528	74,579	0.6647	5,950	16.08	370	42.5
1983	13,679.99	9,390	13,074	0.6538	1,290	16.63	78	41.5
1984	135,702.37	91,468	127,365	0.6419	15,123	17.20	879	40.5
1985	87,385.83	57,797	80,490	0.6299	11,266	17.77	634	39.5
1986	10,486.97	6,800	9,472	0.6176	1,539	18.36	84	38.5
1987	120,202.29	76,360	106,385	0.6050	19,827	18.95	1,046	37.5
1988	140,969.90	87,671	122,152	0.5923	25,866	19.56	1,322	36.5
1989	80,623.21	49,091	68,338	0.5799	16,316	20.18	809	35.5
1990	168,883.99	100,469	139,903	0.5666	37,426	20.81	1,798	34.5
1991	53,470.41	31,053	43,249	0.5531	12,895	21.45	601	33.5
1992	68,483.94	38,789	54,030	0.5394	17,878	22.11	809	32.5
1993	42,735.36	23,581	32,852	0.5255	12,020	22.77	528	31.5
1994	298,392.26	160,212	223,264	0.5114	90,048	23.44	3,841	30.5
1995	69,447.33	36,288	50,516	0.4977	22,404	24.13	929	29.5
1996	46,812.70	23,746	33,062	0.4831	16,091	24.82	648	28.5
1997	78,897.72	38,798	54,033	0.4683	28,810	25.52	1,129	27.5
1998	56,585.19	26,940	37,524	0.4534	21,891	26.24	834	26.5
1999	11,950.42	5,499	7,662	0.4382	4,886	26.96	181	25.5
2000	125,112.26	55,555	77,428	0.4229	53,940	27.69	1,948	24.5
2001	35,867.93	15,370	21,389	0.4081	16,273	28.43	572	23.5
2002	36,048.05	14,850	20,673	0.3923	17,177	29.18	589	22.5
2003	117,364.30	46,392	64,599	0.3765	58,634	29.94	1,959	21.5

Newfoundland and Labrador Hydro

Account #: R08 - Reclosers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2
ASL: 48
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2004	7,409.35	2,804	3,905	0.3604	3,875	30.70	126	20.5
2005	184,703.55	66,730	92,995	0.3441	100,943	31.48	3,207	19.5
2006	44,673.53	15,369	21,428	0.3277	25,480	32.26	790	18.5
2008	108,056.24	33,482	46,600	0.2951	66,859	33.85	1,975	16.5
2009	191,161.39	55,826	77,747	0.2781	122,972	34.65	3,549	15.5
2010	381,078.14	104,482	145,547	0.2611	254,585	35.46	7,179	14.5
2011	233,616.20	59,811	83,387	0.2438	161,910	36.29	4,462	13.5
2012	754,013.26	179,323	250,125	0.2265	541,589	37.11	14,593	12.5
2013	767,583.00	169,091	235,106	0.2098	570,856	37.95	15,043	11.5
2014	199,199.15	40,190	55,906	0.1922	153,254	38.79	3,951	10.5
2015	558,162.09	102,152	142,223	0.1743	443,847	39.64	11,198	9.5
2016	2,437.29	400	558	0.1563	2,002	40.49	49	8.5
2017	461,268.64	66,964	93,416	0.1383	390,916	41.35	9,453	7.5
2018	105,094.46	13,247	18,506	0.1201	91,843	42.22	2,175	6.5
2019	1,513,697.34	163,071	226,261	0.1026	1,363,121	43.09	31,631	5.5
2020	441,091.16	38,960	54,113	0.0841	409,032	43.97	9,302	4.5
2021	993,022.80	68,337	95,041	0.0655	947,633	44.86	21,125	3.5
2022	962,894.67	47,317	66,023	0.0468	945,017	45.75	20,656	2.5
2023	645,257.76	18,971	26,623	0.0280	650,898	46.65	13,954	1.5
2024	732,778.72	7,002	10,104	0.0091	759,313	47.55	15,970	0.5
TOTAL	11,635,532.35	2,664,740	3,693,012		8,524,297		212,675	

COMPOSITE ANNUAL ACCRUAL RATE	1.83%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.32
COMPOSITE AVERAGE AGE (YEARS)	12.81
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	37.53

Newfoundland and Labrador Hydro

Account #: R09 - Regulators

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S0
ASL: 35
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	15,765.94	14,164	16,554	0.8556	0	5.06	0	56.5
1970	54,167.14	47,407	56,876	0.8335	0	5.83	0	54.5
1971	109,835.26	94,869	115,327	0.8226	0	6.22	0	53.5
1975	152,945.50	124,797	159,286	0.7771	1,307	7.81	167	49.5
1977	18,965.00	15,016	19,166	0.7541	747	8.61	87	47.5
1980	288,750.88	217,938	278,224	0.7188	24,965	9.84	2,537	44.5
1981	106,850.89	79,339	101,256	0.7072	10,937	10.25	1,067	43.5
1982	30,893.86	22,547	28,781	0.6951	3,657	10.67	343	42.5
1983	36,438.00	26,142	33,358	0.6833	4,901	11.09	442	41.5
1984	9,488.04	6,684	8,532	0.6709	1,431	11.52	124	40.5
1985	195,373.06	135,182	172,481	0.6590	32,661	11.95	2,734	39.5
1987	96,206.56	64,028	81,740	0.6338	19,277	12.81	1,504	37.5
1988	101,884.72	66,490	84,852	0.6215	22,127	13.25	1,670	36.5
1989	2,844.72	1,818	2,321	0.6087	666	13.70	49	35.5
1990	120,936.14	75,695	96,596	0.5961	30,387	14.14	2,149	34.5
1993	4,519.75	2,643	3,373	0.5569	1,372	15.51	88	31.5
1994	24,330.81	13,884	17,726	0.5435	7,821	15.98	490	30.5
1995	61,760.43	34,383	43,882	0.5302	20,967	16.45	1,275	29.5
1997	70,873.18	37,427	47,758	0.5029	26,659	17.40	1,532	27.5
2001	5,317.92	2,489	3,179	0.4458	2,405	19.39	124	23.5
2002	22,659.46	10,263	13,098	0.4314	10,694	19.91	537	22.5
2003	103,860.70	45,397	57,962	0.4163	51,092	20.43	2,501	21.5
2004	100,303.66	42,279	53,942	0.4014	51,376	20.96	2,452	20.5
2005	36,569.64	14,816	18,913	0.3859	19,485	21.50	906	19.5
2006	56,878.80	22,130	28,225	0.3705	31,497	22.04	1,429	18.5
2007	71,728.09	26,691	34,066	0.3544	41,249	22.60	1,825	17.5
2008	217,366.19	77,136	98,515	0.3380	129,720	23.17	5,600	16.5
2009	246,520.69	83,281	106,276	0.3217	152,571	23.74	6,426	15.5

Newfoundland and Labrador Hydro

Account #: R09 - Regulators

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S0
ASL: 35
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2010	279,672.34	89,465	114,259	0.3047	179,397	24.33	7,373	14.5
2011	296,438.95	89,600	114,284	0.2879	196,977	24.93	7,900	13.5
2012	595,059.73	168,724	215,408	0.2700	409,405	25.55	16,025	12.5
2013	515,852.61	136,744	174,320	0.2525	367,326	26.18	14,033	11.5
2014	90,240.41	22,153	28,270	0.2338	66,482	26.82	2,479	10.5
2015	122,166.67	27,524	35,182	0.2146	93,093	27.48	3,388	9.5
2016	30,466.02	6,256	7,982	0.1956	24,007	28.16	853	8.5
2017	364,794.72	67,161	85,827	0.1753	297,207	28.86	10,300	7.5
2018	221,618.46	36,110	46,037	0.1552	186,662	29.58	6,311	6.5
2019	641,075.83	89,964	114,933	0.1337	558,196	30.32	18,411	5.5
2020	365,681.80	43,050	54,789	0.1121	329,177	31.09	10,589	4.5
2021	995,374.49	93,018	118,692	0.0890	926,452	31.89	29,055	3.5
2022	790,699.51	53,832	69,058	0.0648	761,177	32.72	23,264	2.5
2023	191,042.72	8,098	10,299	0.0404	190,296	33.59	5,665	1.5
2024	1,024,167.57	14,625	19,030	0.0136	1,056,346	34.51	30,606	0.5
TOTAL	8,888,386.86	2,351,261	2,990,635		6,342,171		224,310	

COMPOSITE ANNUAL ACCRUAL RATE	2.52%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.34
COMPOSITE AVERAGE AGE (YEARS)	13.23
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	26.18

Newfoundland and Labrador Hydro

Account #: R11 - Revenue Metering

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	12,751.00	12,600	12,751	0.9881	0	0.56	0	57.5
1968	6,820.00	6,695	6,820	0.9816	0	0.73	0	56.5
1970	8,301.90	8,038	8,302	0.9682	0	1.17	0	54.5
1974	13,100.00	12,308	13,100	0.9396	0	2.14	0	50.5
1976	9,983.00	9,233	9,983	0.9249	0	2.65	0	48.5
1977	8,738.30	8,017	8,738	0.9174	0	2.91	0	47.5
1978	37,976.15	34,564	37,976	0.9101	0	3.17	0	46.5
1979	7,907.86	7,138	7,908	0.9026	0	3.43	0	45.5
1980	37,702.15	33,735	37,702	0.8948	0	3.69	0	44.5
1981	32,616.27	28,932	32,608	0.8870	8	3.97	2	43.5
1982	2,521.70	2,216	2,498	0.8787	24	4.26	6	42.5
1983	33,124.09	28,822	32,485	0.8701	639	4.56	140	41.5
1984	29,812.28	25,662	28,928	0.8608	884	4.88	181	40.5
1985	14,504.27	12,345	13,914	0.8511	590	5.23	113	39.5
1986	43,276.88	36,379	41,007	0.8406	2,270	5.59	406	38.5
1987	34,327.14	28,464	32,096	0.8292	2,231	5.98	373	37.5
1988	31,848.65	26,039	29,352	0.8176	2,496	6.39	390	36.5
1989	23,844.81	19,189	21,636	0.8047	2,208	6.84	323	35.5
1990	15,631.27	12,373	13,947	0.7916	1,684	7.31	231	34.5
1991	16,516.52	12,836	14,473	0.7772	2,043	7.80	262	33.5
1992	34,331.48	26,176	29,505	0.7625	4,826	8.33	580	32.5
1994	5,484.96	4,003	4,515	0.7298	970	9.45	103	30.5
1995	7,534.74	5,372	6,056	0.7129	1,479	10.05	147	29.5
1996	29,464.09	20,472	23,089	0.6948	6,375	10.68	597	28.5
1997	9,378.65	6,346	7,154	0.6767	2,225	11.33	196	27.5
2001	121,485.76	72,446	81,724	0.5963	39,762	14.12	2,816	23.5
2002	86,636.39	49,855	56,202	0.5755	30,435	14.87	2,047	22.5
2003	7,642.53	4,229	4,770	0.5533	2,872	15.63	184	21.5

Newfoundland and Labrador Hydro

Account #: R11 - Revenue Metering

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2009	89,696.48	37,133	41,859	0.4140	47,837	20.52	2,332	15.5
2014	5,801.43	1,666	1,878	0.2871	3,924	24.95	157	10.5
2015	370,694.87	96,503	108,991	0.2603	261,704	25.87	10,114	9.5
2016	630,371.75	147,690	166,442	0.2343	463,930	26.80	17,308	8.5
2017	1,010,292.76	209,191	236,178	0.2071	774,115	27.74	27,902	7.5
2018	289,084.23	52,180	58,755	0.1805	230,329	28.69	8,028	6.5
TOTAL	3,119,204.36	1,098,843	1,233,342		1,885,863		74,938	

COMPOSITE ANNUAL ACCRUAL RATE 2.40%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.40

COMPOSITE AVERAGE AGE (YEARS) 14.44

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 22.67

Newfoundland and Labrador Hydro

Account #: R12 - Right-Of-Ways

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	1,057,755.13	845,252	907,230	0.7991	150,525	13.06	11,524	58.5
1967	1,713,673.55	1,353,117	1,452,334	0.7896	261,340	13.69	19,085	57.5
1968	274,316.09	213,758	229,432	0.7792	44,884	14.34	3,130	56.5
1969	85,289.66	65,617	70,428	0.7693	14,862	15.00	991	55.5
1970	299,538.55	227,212	243,872	0.7585	55,666	15.68	3,551	54.5
1972	255,177.30	188,270	202,075	0.7378	53,103	17.06	3,113	52.5
1973	5,734.27	4,166	4,472	0.7265	1,263	17.76	71	51.5
1974	574,591.95	411,299	441,457	0.7158	133,135	18.48	7,205	50.5
1976	124,581.35	86,340	92,671	0.6930	31,911	19.95	1,600	48.5
1977	25,664.00	17,497	18,780	0.6818	6,884	20.70	333	47.5
1978	20,387.00	13,650	14,651	0.6696	5,736	21.46	267	46.5
1980	122,188.63	78,952	84,741	0.6462	37,447	23.02	1,627	44.5
1981	1,115,948.39	706,842	758,671	0.6334	357,278	23.81	15,002	43.5
1982	793,264.95	492,887	529,028	0.6213	264,237	24.62	10,731	42.5
1983	1,786,100.11	1,086,235	1,165,883	0.6082	620,218	25.44	24,376	41.5
1984	66,937.79	39,876	42,800	0.5957	24,138	26.27	919	40.5
1985	1,714,103.64	999,494	1,072,782	0.5831	641,322	27.12	23,651	39.5
1986	39,975.47	22,763	24,432	0.5694	15,544	27.97	556	38.5
1987	563,160.38	313,393	336,373	0.5565	226,788	28.83	7,866	37.5
1988	175,696.96	95,481	102,482	0.5434	73,215	29.70	2,465	36.5
1989	549,774.56	291,018	312,356	0.5293	237,418	30.58	7,763	35.5
1990	786,220.76	405,682	435,429	0.5160	350,792	31.47	11,145	34.5
1991	168,758.87	84,649	90,856	0.5016	77,903	32.37	2,406	33.5
1992	23,974.15	11,699	12,557	0.4880	11,417	33.28	343	32.5
1993	88,237.17	41,846	44,915	0.4743	43,322	34.20	1,267	31.5
1994	36,190.83	16,629	17,848	0.4595	18,343	35.12	522	30.5
1995	324,798.29	144,704	155,315	0.4455	169,484	36.05	4,701	29.5
1996	531,645.83	228,884	245,667	0.4305	285,979	36.99	7,732	28.5

Newfoundland and Labrador Hydro

Account #: R12 - Right-Of-Ways

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1997	129,481.86	53,919	57,872	0.4164	71,609	37.93	1,888	27.5
1998	590,349.41	237,439	254,849	0.4022	335,501	38.88	8,630	26.5
1999	103,742.35	40,140	43,083	0.3869	60,659	39.83	1,523	25.5
2000	15,017.65	5,596	6,006	0.3726	9,011	40.79	221	24.5
2001	10,532.16	3,772	4,049	0.3581	6,484	41.75	155	23.5
2002	1,429,050.07	489,764	525,676	0.3427	903,374	42.72	21,148	22.5
2003	32,707.00	10,733	11,520	0.3282	21,187	43.69	485	21.5
2004	79,298.85	24,785	26,602	0.3126	52,697	44.66	1,180	20.5
2005	128,687.90	38,336	41,147	0.2979	87,541	45.64	1,918	19.5
2006	1,128,537.74	319,602	343,037	0.2832	785,501	46.62	16,850	18.5
2007	99,457.18	26,606	28,557	0.2675	70,901	47.60	1,490	17.5
2008	149,366.07	37,748	40,516	0.2527	108,850	48.58	2,240	16.5
2009	166,356.00	39,413	42,303	0.2369	124,053	49.57	2,503	15.5
2010	97,644.83	21,684	23,274	0.2221	74,371	50.56	1,471	14.5
2011	13,878.97	2,876	3,087	0.2072	10,792	51.55	209	13.5
2012	333,446.67	63,815	68,494	0.1914	264,952	52.54	5,043	12.5
2013	444,049.95	78,375	84,122	0.1765	359,928	53.53	6,723	11.5
2014	274,137.01	44,295	47,543	0.1616	226,594	54.53	4,156	10.5
2015	452,720.59	65,934	70,769	0.1456	381,952	55.52	6,879	9.5
2016	66,490.23	8,690	9,327	0.1307	57,163	56.52	1,011	8.5
2017	22,314,698.97	2,561,727	2,749,566	0.1148	19,565,133	57.51	340,181	7.5
2018	700,950.45	69,955	75,084	0.0998	625,866	58.51	10,697	6.5
2019	903,883.26	76,740	82,367	0.0849	821,517	59.51	13,805	5.5
2020	326,523.55	22,497	24,147	0.0689	302,376	60.51	4,997	4.5
2021	18,472.90	996	1,069	0.0539	17,404	61.50	283	3.5
2022	207,035.81	7,867	8,444	0.0380	198,592	62.50	3,177	2.5
2023	442,845.41	10,185	10,932	0.0230	431,913	63.50	6,802	1.5
2024	707,900.47	5,663	6,078	0.0080	701,822	64.50	10,881	0.5

Newfoundland and Labrador Hydro

Account #: R12 - Right-Of-Ways

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	44,690,948.94	12,856,364	13,799,054		30,891,895		650,488	

COMPOSITE ANNUAL ACCRUAL RATE	1.46%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.31
COMPOSITE AVERAGE AGE (YEARS)	19.61
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	46.29

Newfoundland and Labrador Hydro

Account #: R13 - Roads

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 60
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	40,992.69	34,132	24,634	0.8326	16,359	10.03	1,630	57.5
1968	22,493.01	18,532	13,375	0.8239	9,118	10.58	862	56.5
1969	490,478.00	399,323	288,200	0.8142	202,278	11.15	18,136	55.5
1970	128,175.47	103,051	74,374	0.8040	53,802	11.75	4,579	54.5
1971	27,000.00	21,440	15,473	0.7941	11,527	12.37	932	53.5
1973	11,211.47	8,655	6,247	0.7720	4,965	13.67	363	51.5
1977	11,758.50	8,543	6,166	0.7265	5,593	16.42	341	47.5
1978	11,048.80	7,893	5,696	0.7144	5,352	17.14	312	46.5
1979	5,061.00	3,552	2,564	0.7019	2,497	17.87	140	45.5
1980	2,999,174.17	2,069,670	1,493,725	0.6901	1,505,450	18.61	80,886	44.5
1981	15,766.30	10,677	7,706	0.6772	8,061	19.37	416	43.5
1982	2,911.13	1,933	1,395	0.6642	1,516	20.13	75	42.5
1983	9,598,932.99	6,255,433	4,514,678	0.6517	5,084,255	20.91	243,106	41.5
1984	60,540,101.27	38,636,693	27,884,918	0.6382	32,655,184	21.71	1,504,396	40.5
1985	316,785.74	197,858	142,798	0.6246	173,987	22.51	7,729	39.5
1986	13,242.22	8,097	5,844	0.6115	7,398	23.33	317	38.5
1988	1,306,655.61	761,911	549,887	0.5831	756,768	25.00	30,273	36.5
1989	363,353.41	206,901	149,325	0.5694	214,029	25.85	8,280	35.5
1990	52,244.27	28,983	20,917	0.5548	31,327	26.71	1,173	34.5
1991	54,563.98	29,461	21,263	0.5399	33,301	27.59	1,207	33.5
1993	5,411.45	2,763	1,994	0.5106	3,417	29.36	116	31.5
1994	25,140.01	12,451	8,986	0.4953	16,154	30.27	534	30.5
1995	10,006.93	4,810	3,471	0.4806	6,536	31.18	210	29.5
1996	3,959.23	1,841	1,329	0.4651	2,630	32.10	82	28.5
1997	15,649.07	7,030	5,074	0.4492	10,575	33.03	320	27.5
2000	155,870.51	62,691	45,246	0.4022	110,625	35.85	3,086	24.5
2001	432,343.06	167,282	120,731	0.3869	311,612	36.80	8,467	23.5
2002	44,013.10	16,316	11,775	0.3707	32,238	37.76	854	22.5

Newfoundland and Labrador Hydro

Account #: R13 - Roads

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 60
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2003	767,915.72	272,057	196,349	0.3543	571,566	38.72	14,760	21.5
2005	1,358,343.31	437,794	315,965	0.3223	1,042,378	40.66	25,635	19.5
2007	934,035.15	270,926	195,533	0.2901	738,502	42.62	17,329	17.5
2008	404,864.35	110,690	79,887	0.2734	324,977	43.60	7,454	16.5
2009	324,318.06	83,233	60,071	0.2566	264,247	44.58	5,927	15.5
2010	983,257.78	236,847	170,938	0.2409	812,320	45.57	17,827	14.5
2011	1,053,370.50	236,008	170,332	0.2241	883,039	46.56	18,967	13.5
2012	245,591.86	50,892	36,730	0.2072	208,862	47.55	4,393	12.5
2013	51,671.03	9,889	7,137	0.1914	44,534	48.54	918	11.5
2014	505,599.92	88,227	63,675	0.1745	441,924	49.53	8,922	10.5
2015	939,809.96	148,114	106,897	0.1576	832,913	50.52	16,485	9.5
2016	3,051,300.00	432,308	312,006	0.1417	2,739,294	51.52	53,170	8.5
2017	946,724.17	118,104	85,238	0.1248	861,486	52.51	16,405	7.5
2020	804,312.94	60,243	43,479	0.0749	760,834	55.51	13,707	4.5
2023	117,702.35	2,943	2,124	0.0250	115,579	58.50	1,976	1.5
TOTAL	89,193,160.49	51,646,196	37,274,151		51,919,009		2,142,697	

COMPOSITE ANNUAL ACCRUAL RATE	2.40%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.42
COMPOSITE AVERAGE AGE (YEARS)	36.71
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	25.26

Newfoundland and Labrador Hydro

Account #: R14 - Routers and LAN

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 5
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2020	1,109,828.40	998,846	868,987	0.9000	240,842	0.50	240,842	4.5
2021	342,964.68	240,075	208,863	0.7000	134,101	1.50	89,401	3.5
2022	119,186.89	59,593	51,846	0.5000	67,341	2.50	26,936	2.5
2023	815,440.09	244,632	212,828	0.3000	602,612	3.50	172,175	1.5
2024	689,292.24	68,929	59,968	0.1000	629,324	4.50	139,850	0.5
TOTAL	3,076,712.30	1,612,076	1,402,491		1,674,221		669,204	

COMPOSITE ANNUAL ACCRUAL RATE	21.75%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.46
COMPOSITE AVERAGE AGE (YEARS)	2.62
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	2.38

Newfoundland and Labrador Hydro

Account #: R15 - Runner

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R5
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	5,230,693.06	4,807,792	4,927,882	0.9192	302,811	4.45	68,059	57.5
1968	1,448,949.16	1,321,688	1,354,702	0.9122	94,248	4.83	19,494	56.5
1970	1,458,564.95	1,307,691	1,340,355	0.8966	118,210	5.70	20,749	54.5
1977	130,312.00	107,260	109,939	0.8231	20,373	9.75	2,090	47.5
1980	50,343.45	39,400	40,384	0.7826	9,960	11.95	833	44.5
1985	2,644,906.00	1,869,525	1,916,223	0.7068	728,683	16.12	45,217	39.5
1989	583,387.23	373,630	382,963	0.6405	200,424	19.75	10,147	35.5
1994	16,158.41	8,952	9,175	0.5540	6,983	24.55	284	30.5
1996	59,841.42	30,975	31,749	0.5176	28,093	26.52	1,059	28.5
1998	46,687.84	22,498	23,060	0.4819	23,628	28.51	829	26.5
2022	295,466.68	13,296	13,628	0.0450	281,839	52.50	5,368	2.5
TOTAL	11,965,310.20	9,902,707	10,150,060		1,815,250		174,129	

COMPOSITE ANNUAL ACCRUAL RATE 1.46%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.85

COMPOSITE AVERAGE AGE (YEARS) 50.14

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 9.48

Newfoundland and Labrador Hydro

Account #: S01 - SCADA Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 20
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1980	53,189.30	51,450	53,189	0.9673	0	0.76	0	44.5
1986	55,464.80	50,431	55,465	0.9093	0	1.85	0	38.5
1989	27,913.07	24,491	27,913	0.8774	0	2.48	0	35.5
1990	73,377.15	63,559	73,377	0.8662	0	2.70	0	34.5
1995	14,286.26	11,513	14,095	0.8059	192	3.90	49	29.5
2000	47,633.08	35,365	43,303	0.7425	4,330	5.16	839	24.5
2001	231,765.63	169,502	207,552	0.7314	24,214	5.38	4,497	23.5
2002	139,307.85	100,490	123,043	0.7214	16,265	5.59	2,912	22.5
2003	241,235.22	171,832	210,399	0.7123	30,836	5.77	5,348	21.5
2004	266,461.04	187,562	229,660	0.7039	36,801	5.93	6,202	20.5
2005	190,045.74	132,177	161,847	0.6955	28,199	6.10	4,622	19.5
2006	52,742.46	36,197	44,322	0.6863	8,421	6.29	1,340	18.5
2008	97,287.76	64,361	78,818	0.6616	18,470	6.78	2,725	16.5
2009	92,947.52	59,886	73,347	0.6443	19,601	7.12	2,752	15.5
2010	366,628.59	228,391	279,751	0.6230	86,878	7.55	11,512	14.5
2013	209,687.85	111,585	136,720	0.5322	72,968	9.36	7,797	11.5
2015	756,364.23	342,671	419,858	0.4531	336,506	10.94	30,758	9.5
2016	106,198.29	43,541	53,347	0.4100	52,852	11.80	4,478	8.5
2017	349,797.62	127,764	156,571	0.3653	193,227	12.69	15,221	7.5
2018	232,383.67	74,188	90,919	0.3193	141,465	13.61	10,391	6.5
2019	50,824.11	13,829	16,945	0.2721	33,879	14.56	2,327	5.5
2020	867,151.46	194,068	237,838	0.2238	629,313	15.52	40,539	4.5
2021	148,356.15	25,910	31,759	0.1747	116,597	16.51	7,064	3.5
2022	284,404.84	35,551	43,559	0.1250	240,845	17.50	13,762	2.5
2023	203,957.25	15,297	18,750	0.0750	185,208	18.50	10,011	1.5
2024	140,371.66	3,509	4,303	0.0250	136,068	19.50	6,978	0.5

Newfoundland and Labrador Hydro

Account #: S01 - SCADA Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 20
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	5,299,782.60	2,375,121	2,886,648		2,413,135		192,124	

COMPOSITE ANNUAL ACCRUAL RATE	3.63%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.54
COMPOSITE AVERAGE AGE (YEARS)	11.76
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	11.04

Newfoundland and Labrador Hydro

Account #: S02 - Sectionalizers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R5
ASL: 25
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	17,463.93	17,464	17,464	1.0000	0		0	57.5
1975	4,784.48	4,784	4,784	1.0000	0		0	50.5
1986	1,941.08	1,941	1,941	1.0000	0		0	39.5
1989	1,726.87	1,727	1,727	1.0000	0		0	36.5
1991	23,760.40	23,566	23,760	0.9918	0	0.50	0	33.5
2000	4,105.58	3,660	4,106	0.8914	0	2.73	0	24.5
2010	5,443.11	3,148	3,921	0.5784	1,522	10.54	144	14.5
2019	48,528.53	10,676	13,298	0.2200	35,231	19.50	1,807	5.5
2022	235,288.53	23,529	29,308	0.1000	205,981	22.50	9,155	2.5
2023	108,591.70	6,516	8,116	0.0600	100,476	23.50	4,276	1.5
TOTAL	451,634.21	97,011	108,426		343,208		15,382	

COMPOSITE ANNUAL ACCRUAL RATE 3.41%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.24

COMPOSITE AVERAGE AGE (YEARS) 7.48

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 19.65

Newfoundland and Labrador Hydro

Account #: S03 - Servers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 7
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2019	296,371.49	232,863	265,317	0.7857	31,055	1.50	20,703	5.5
2020	150,291.50	96,616	110,081	0.6429	40,210	2.50	16,084	4.5
TOTAL	446,662.99	329,479	375,398		71,265		36,787	

COMPOSITE ANNUAL ACCRUAL RATE	8.24%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.84
COMPOSITE AVERAGE AGE (YEARS)	5.16
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	1.84

Newfoundland and Labrador Hydro

Account #: S04 - Sewage Disposal System

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	10,112.35	9,269	10,618	0.8730	0	6.98	0	57.5
1968	7,791.63	7,082	8,181	0.8656	0	7.39	0	56.5
1969	132,528.13	119,360	139,155	0.8578	0	7.83	0	55.5
1970	14,085.17	12,562	14,789	0.8494	0	8.29	0	54.5
1971	1,387.00	1,224	1,456	0.8405	0	8.79	0	53.5
1972	4,653.28	4,060	4,886	0.8311	0	9.31	0	52.5
1977	7,861.00	6,405	8,254	0.7759	0	12.34	0	47.5
1978	34,016.40	27,263	35,717	0.7633	0	13.00	0	46.5
1980	143,118.72	110,978	150,275	0.7385	0	14.38	0	44.5
1981	2,667.48	2,033	2,801	0.7258	0	15.08	0	43.5
1982	3,000.00	2,246	3,150	0.7129	0	15.80	0	42.5
1983	7,733.00	5,681	8,120	0.6997	0	16.53	0	41.5
1988	2,697.73	1,783	2,562	0.6294	271	20.40	13	36.5
1989	308,017.92	198,563	285,629	0.6140	37,790	21.21	1,781	35.5
1990	50,007.03	31,456	45,237	0.5991	7,270	22.04	330	34.5
1992	15,841.00	9,457	13,595	0.5686	3,038	23.73	128	32.5
1995	129,483.92	70,758	101,788	0.5204	34,170	26.36	1,296	29.5
1996	13,483.21	7,140	10,267	0.5043	3,890	27.25	143	28.5
1997	4,233.64	2,169	3,119	0.4880	1,327	28.16	47	27.5
1998	55,598.68	27,527	39,557	0.4715	18,822	29.08	647	26.5
1999	976,185.68	466,188	669,750	0.4548	355,245	30.00	11,841	25.5
2002	256,906.93	108,751	156,382	0.4032	113,371	32.82	3,454	22.5
2003	90,894.70	36,836	52,951	0.3860	42,489	33.77	1,258	21.5
2006	35,314.99	12,349	17,770	0.3330	19,311	36.67	527	18.5
2007	58,129.37	19,254	27,697	0.3155	33,339	37.64	886	17.5
2008	44,604.54	13,952	20,057	0.2979	26,777	38.62	693	16.5
2009	44,878.73	13,207	18,973	0.2803	28,149	39.60	711	15.5
2010	125,757.70	34,670	49,774	0.2626	82,272	40.58	2,027	14.5

Newfoundland and Labrador Hydro

Account #: S04 - Sewage Disposal System

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2011	143,366.51	36,708	52,865	0.2439	97,670	41.56	2,350	13.5
2017	131,080.44	18,677	26,924	0.1357	110,710	47.52	2,330	7.5
2022	21,104.76	996	1,446	0.0450	20,714	52.50	395	2.5
2023	504,944.82	14,315	20,765	0.0270	509,427	53.50	9,522	1.5
TOTAL	3,381,486.46	1,432,917	2,004,509		1,546,052		40,379	

COMPOSITE ANNUAL ACCRUAL RATE 1.19%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.59

COMPOSITE AVERAGE AGE (YEARS) 23.27

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 32.80

Newfoundland and Labrador Hydro

Account #: S05 - Software

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 7
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2018	616,108.30	572,101	331,213	0.9286	284,895	0.50	284,895	6.5
2019	321,903.61	252,924	146,428	0.7857	175,475	1.50	116,983	5.5
2020	13,802,208.86	8,872,849	5,136,862	0.6429	8,665,347	2.50	3,466,139	4.5
2021	754,546.35	377,273	218,419	0.5000	536,127	3.50	153,179	3.5
2022	785,069.67	280,382	162,325	0.3571	622,745	4.50	138,388	2.5
2023	1,918,603.09	411,129	238,020	0.2143	1,680,583	5.50	305,561	1.5
2024	560,388.96	40,028	23,174	0.0714	537,215	6.50	82,648	0.5
TOTAL	18,758,828.84	10,806,686	6,256,441		12,502,388		4,547,793	

COMPOSITE ANNUAL ACCRUAL RATE	24.24%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.33
COMPOSITE AVERAGE AGE (YEARS)	4.03
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	2.97

Newfoundland and Labrador Hydro

Account #: S06 - Spillway Structures and Water Regulating Structures

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 110
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1956	37,231.12	23,288	19,676	0.5957	19,417	44.50	436	68.5
1966	2,917,840.65	1,583,582	1,337,961	0.5169	1,725,772	53.16	32,463	58.5
1967	4,530,770.88	2,420,519	2,045,085	0.5088	2,712,225	54.06	50,171	57.5
1979	5,406,068.95	2,315,392	1,956,264	0.4079	3,720,109	65.17	57,084	45.5
1980	22,093.09	9,264	7,827	0.3994	15,371	66.12	232	44.5
1982	11,830,011.26	4,735,080	4,000,646	0.3812	8,420,866	68.03	123,785	42.5
1983	1,763,784.37	690,082	583,047	0.3726	1,268,926	68.99	18,394	41.5
1984	6,511,055.23	2,488,252	2,102,312	0.3640	4,734,296	69.95	67,683	40.5
1985	5,067.02	1,890	1,597	0.3552	3,724	70.91	53	39.5
1988	28,771.28	9,943	8,401	0.3291	21,809	73.82	295	36.5
1991	35,581.53	11,313	9,558	0.3028	27,802	76.74	362	33.5
1992	6,707.73	2,064	1,744	0.2930	5,300	77.72	68	32.5
1999	50,969.18	12,362	10,444	0.2310	43,073	84.61	509	25.5
2003	17,078,321.27	3,485,130	2,944,570	0.1944	14,987,668	88.57	169,215	21.5
2010	295,473.83	40,860	34,522	0.1317	275,725	95.53	2,886	14.5
2015	50,000.00	4,510	3,810	0.0859	48,690	100.51	484	9.5
2016	546,530.57	44,130	37,285	0.0769	536,572	101.51	5,286	8.5
2017	247,844.24	17,670	14,929	0.0679	245,307	102.51	2,393	7.5
2018	579,476.26	35,838	30,279	0.0589	578,171	103.51	5,586	6.5
2019	797,360.31	41,778	35,298	0.0499	801,931	104.51	7,673	5.5
2020	253,579.40	10,914	9,221	0.0410	257,037	105.51	2,436	4.5
2021	162,155.16	5,448	4,603	0.0320	165,660	106.50	1,555	3.5
2022	336,575.75	8,128	6,868	0.0230	346,537	107.50	3,224	2.5
2024	28,482.15	150	126	0.0050	29,780	109.50	272	0.5

Newfoundland and Labrador Hydro

Account #: S06 - Spillway Structures and Water Regulating Structures

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 110
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	53,521,751.23	17,997,586	15,206,073		40,991,766		552,545	

COMPOSITE ANNUAL ACCRUAL RATE	1.03%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.28
COMPOSITE AVERAGE AGE (YEARS)	35.75
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	74.75

Newfoundland and Labrador Hydro

Account #: S07 - Stacks

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	867,574.37	788,530	910,953	0.8656	0	7.39	0	56.5
1971	430,393.00	379,833	441,663	0.8405	10,249	8.79	1,167	53.5
1974	68,913.59	58,611	68,178	0.8100	4,181	10.45	400	50.5
1975	595,226.22	499,428	580,840	0.7991	44,148	11.05	3,994	49.5
1976	8,601.34	7,114	8,273	0.7877	759	11.69	65	48.5
1986	27,918.81	19,289	22,434	0.6580	6,880	18.81	366	38.5
1988	6,132.90	4,053	4,712	0.6294	1,728	20.40	85	36.5
1992	336,677.64	200,993	233,758	0.5686	119,753	23.73	5,046	32.5
1995	36,955.81	20,195	23,503	0.5204	15,300	26.36	580	29.5
1996	121,024.55	64,084	74,560	0.5043	52,515	27.25	1,927	28.5
2001	94,022.28	41,482	48,279	0.4202	50,444	31.87	1,583	23.5
2007	108,179.45	35,833	41,702	0.3155	71,887	37.64	1,910	17.5
2008	239,612.98	74,950	87,171	0.2979	164,422	38.62	4,258	16.5
2011	527,981.53	135,186	157,510	0.2439	396,871	41.56	9,548	13.5
2015	3,781,821.18	684,982	795,506	0.1725	3,175,407	45.53	69,748	9.5
2016	48,377.00	7,853	9,108	0.1546	41,688	46.52	896	8.5
2018	365,490.00	45,207	52,652	0.1178	331,113	48.51	6,825	6.5
2024	26,890.52	254	298	0.0090	27,937	54.50	513	0.5
TOTAL	7,691,793.17	3,067,876	3,561,101		4,515,282		108,911	

COMPOSITE ANNUAL ACCRUAL RATE	1.42%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.46
COMPOSITE AVERAGE AGE (YEARS)	22.89
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	34.11

Newfoundland and Labrador Hydro

Account #: S10 - Station Service

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 50
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	491,604.69	472,206	488,934	0.9148	27,251	4.27	6,384	58.5
1967	19,591.00	18,699	19,361	0.9090	1,210	4.56	265	57.5
1968	5,886.55	5,581	5,778	0.9029	402	4.87	83	56.5
1970	1,022.42	955	989	0.8898	84	5.52	15	54.5
1971	151,872.00	140,744	145,730	0.8826	13,735	5.88	2,338	53.5
1974	450.00	405	420	0.8582	53	7.09	7	50.5
1975	1,500.00	1,337	1,384	0.8489	191	7.56	25	49.5
1977	36,906.00	32,102	33,239	0.8284	5,513	8.59	642	47.5
1978	8,207.26	7,041	7,291	0.8171	1,327	9.15	145	46.5
1979	182,007.25	153,880	159,331	0.8052	31,777	9.74	3,262	45.5
1980	225,901.85	188,050	194,711	0.7928	42,486	10.36	4,100	44.5
1981	9,086.29	7,441	7,704	0.7799	1,836	11.01	167	43.5
1982	7,725.34	6,219	6,439	0.7667	1,672	11.67	143	42.5
1983	775,442.31	613,185	634,907	0.7531	179,307	12.35	14,522	41.5
1985	500,849.00	381,324	394,832	0.7251	131,059	13.74	9,535	39.5
1986	2,856.46	2,132	2,207	0.7107	792	14.46	55	38.5
1987	2,668.56	1,950	2,019	0.6960	783	15.20	51	37.5
1988	69,235.33	49,507	51,261	0.6810	21,437	15.95	1,344	36.5
1989	98,106.21	68,575	71,004	0.6657	32,007	16.71	1,915	35.5
1990	25,037.31	17,091	17,696	0.6501	8,593	17.49	491	34.5
1991	2,774.58	1,848	1,913	0.6342	1,000	18.29	55	33.5
1992	886.43	575	596	0.6181	335	19.10	18	32.5
1993	2,443.94	1,544	1,598	0.6016	968	19.92	49	31.5
1994	42,122.46	25,865	26,781	0.5848	17,447	20.76	840	30.5
1995	21,027.99	12,534	12,979	0.5677	9,101	21.61	421	29.5
1996	82,955.52	47,942	49,640	0.5504	37,463	22.48	1,667	28.5
2002	1,362.83	632	655	0.4418	776	27.91	28	22.5
2008	375,325.90	128,947	133,515	0.3272	260,577	33.64	7,746	16.5

Newfoundland and Labrador Hydro

Account #: S10 - Station Service

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 50
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2009	339,502.31	109,688	113,574	0.3077	242,904	34.62	7,017	15.5
2010	18,254.70	5,522	5,718	0.2881	13,450	35.60	378	14.5
2011	26,312.12	7,418	7,681	0.2685	19,947	36.58	545	13.5
2012	90,464.93	23,633	24,470	0.2488	70,518	37.56	1,877	12.5
2013	27,928.40	6,715	6,953	0.2290	22,372	38.55	580	11.5
2014	28,527.93	6,266	6,488	0.2092	23,466	39.54	593	10.5
2015	1,563,499.52	310,933	321,948	0.1894	1,319,726	40.53	32,561	9.5
2016	522,716.98	93,031	96,326	0.1695	452,527	41.52	10,898	8.5
2017	1,520,636.39	238,862	247,323	0.1496	1,349,345	42.52	31,736	7.5
2018	13,655.12	1,860	1,926	0.1297	12,412	43.51	285	6.5
2019	2,574,815.75	296,851	307,367	0.1098	2,396,190	44.51	53,835	5.5
2021	117,977.90	8,659	8,966	0.0699	114,911	46.50	2,471	3.5
2022	240,744.89	12,614	13,061	0.0499	239,721	47.50	5,046	2.5
2023	185,625.21	5,847	6,054	0.0300	188,852	48.50	3,894	1.5
2024	17,244.50	181	187	0.0100	17,919	49.50	362	0.5
TOTAL	10,432,762.13	3,516,389	3,640,958		7,313,442		208,391	

COMPOSITE ANNUAL ACCRUAL RATE	2.00%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.35
COMPOSITE AVERAGE AGE (YEARS)	17.57
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	33.95

Newfoundland and Labrador Hydro

Account #: S11 - Stop Logs

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	137,480.00	109,860	81,315	0.7991	56,165	13.06	4,300	58.5
1967	148,478.00	117,238	86,776	0.7896	61,702	13.69	4,506	57.5
1970	20,000.00	15,171	11,229	0.7585	8,771	15.68	560	54.5
1979	561,958.08	369,768	273,689	0.6580	288,269	22.23	12,967	45.5
1982	1,264,128.19	785,453	581,364	0.6213	682,764	24.62	27,727	42.5
1983	12,373.49	7,525	5,570	0.6082	6,804	25.44	267	41.5
1984	195,768.00	116,623	86,320	0.5957	109,448	26.27	4,165	40.5
1988	65,388.47	35,535	26,302	0.5434	39,087	29.70	1,316	36.5
1998	22,751.29	9,151	6,773	0.4022	15,978	38.88	411	26.5
1999	22,847.30	8,840	6,543	0.3869	16,304	39.83	409	25.5
2003	135,012.07	44,307	32,794	0.3282	102,218	43.69	2,340	21.5
2008	207,322.36	52,395	38,781	0.2527	168,542	48.58	3,469	16.5
2015	286,363.07	41,706	30,869	0.1456	255,494	55.52	4,602	9.5
2021	12,547.50	676	501	0.0539	12,047	61.50	196	3.5
2022	155,647.63	5,915	4,378	0.0380	151,270	62.50	2,420	2.5
2024	423,143.85	3,385	2,506	0.0080	420,638	64.50	6,521	0.5
TOTAL	3,671,209.30	1,723,548	1,275,708		2,395,501		76,176	

COMPOSITE ANNUAL ACCRUAL RATE	2.07%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.35
COMPOSITE AVERAGE AGE (YEARS)	32.32
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	34.49

Newfoundland and Labrador Hydro

Account #: S12 - Storage Pallets and Rackings

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 30
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1984	10,706.05	9,802	10,706	0.9156	0	2.56	0	40.5
1998	3,696.62	2,724	3,285	0.7368	411	7.89	52	26.5
2023	21,383.02	1,050	1,266	0.0491	20,117	28.53	705	1.5
TOTAL	35,785.69	13,576	15,258		20,528		757	

COMPOSITE ANNUAL ACCRUAL RATE 2.12%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.43

COMPOSITE AVERAGE AGE (YEARS) 15.75

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 18.63

Newfoundland and Labrador Hydro
Account #: S13 - Storm and Yard Drainage
CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 55
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	3,047.17	2,660	3,047	0.8730	0	6.98	0	57.5
1969	105,766.52	90,721	105,767	0.8578	0	7.83	0	55.5
1980	260,474.54	192,360	260,475	0.7385	0	14.38	0	44.5
1983	237,980.07	166,515	230,249	0.6997	7,731	16.53	468	41.5
1985	374,229.91	251,430	347,914	0.6719	26,316	18.04	1,459	39.5
1987	5,660.27	3,644	5,040	0.6438	620	19.60	32	37.5
1988	963.97	607	839	0.6294	125	20.40	6	36.5
1989	3,287.74	2,019	2,794	0.6140	494	21.21	23	35.5
1990	36,594.92	21,923	30,339	0.5991	6,256	22.04	284	34.5
1991	30,419.95	17,764	24,577	0.5840	5,843	22.88	255	33.5
1992	39,856.38	22,661	31,347	0.5686	8,509	23.73	359	32.5
1995	31,748.63	16,523	22,873	0.5204	8,876	26.36	337	29.5
2009	67,290.58	18,859	26,072	0.2803	41,219	39.60	1,041	15.5
2013	75,014.75	15,619	21,619	0.2082	53,396	43.54	1,226	11.5
2014	36,378.00	6,926	9,577	0.1904	26,801	44.53	602	10.5
TOTAL	1,308,713.40	830,231	1,122,528		186,186		6,092	

COMPOSITE ANNUAL ACCRUAL RATE 0.47%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.86

COMPOSITE AVERAGE AGE (YEARS) 37.79

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 20.11

Newfoundland and Labrador Hydro

Account #: S14 - Street Lights

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 25
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1981	42,317.10	43,823	46,549	0.9415	0	2.08	0	43.5
1982	7,797.99	7,978	8,578	0.9301	0	2.30	0	42.5
1983	171.84	174	189	0.9185	0	2.53	0	41.5
1984	8,691.99	8,668	9,561	0.9066	0	2.77	0	40.5
1986	3,022.54	2,933	3,325	0.8821	0	3.29	0	38.5
1987	15,938.15	15,246	17,532	0.8696	0	3.56	0	37.5
1988	28,158.16	26,539	30,974	0.8568	0	3.85	0	36.5
1989	40,088.51	37,209	44,097	0.8438	0	4.14	0	35.5
1990	64,177.85	58,630	70,596	0.8305	0	4.44	0	34.5
1991	15,333.76	13,777	16,867	0.8168	0	4.76	0	33.5
1992	33,394.44	29,488	36,734	0.8028	0	5.08	0	32.5
1993	35,951.41	31,169	39,547	0.7882	0	5.42	0	31.5
1994	35,848.17	30,482	39,433	0.7730	0	5.77	0	30.5
1995	20,026.05	16,681	22,029	0.7573	0	6.14	0	29.5
1996	42,887.00	34,952	47,176	0.7409	0	6.53	0	28.5
1997	159,274.51	126,820	175,202	0.7239	0	6.93	0	27.5
1998	77,475.85	60,172	85,223	0.7061	0	7.36	0	26.5
1999	77,352.93	58,507	85,088	0.6876	0	7.81	0	25.5
2000	101,179.10	74,385	111,297	0.6684	0	8.28	0	24.5
2001	127,206.51	90,729	136,235	0.6484	3,693	8.77	421	23.5
2002	111,663.70	77,088	115,823	0.6276	7,007	9.28	755	22.5
2003	177,577.82	118,403	177,962	0.6062	17,374	9.81	1,771	21.5
2004	193,446.29	124,259	186,818	0.5840	25,973	10.36	2,506	20.5
2005	165,420.56	102,063	153,511	0.5609	28,451	10.94	2,602	19.5
2006	193,565.23	114,403	172,081	0.5373	40,840	11.53	3,543	18.5
2007	164,145.52	92,609	139,326	0.5129	41,234	12.14	3,398	17.5
2008	211,791.59	113,655	171,001	0.4879	61,969	12.76	4,855	16.5
2009	228,471.96	116,147	174,756	0.4622	76,563	13.41	5,710	15.5

Newfoundland and Labrador Hydro

Account #: S14 - Street Lights

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 25
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2010	185,626.32	88,986	133,894	0.4358	70,295	14.07	4,997	14.5
2011	253,829.94	114,156	171,770	0.4089	107,443	14.74	7,287	13.5
2012	155,594.64	65,278	98,206	0.3814	72,949	15.43	4,726	12.5
2013	288,091.55	111,977	168,451	0.3534	148,450	16.14	9,198	11.5
2014	191,429.77	68,394	102,879	0.3248	107,694	16.86	6,389	10.5
2015	279,299.95	90,894	136,677	0.2959	170,553	17.58	9,700	9.5
2016	155,565.45	45,587	68,536	0.2664	102,586	18.32	5,599	8.5
2017	173,535.67	45,155	67,866	0.2366	123,023	19.07	6,450	7.5
2018	103,232.37	23,427	35,198	0.2063	78,358	19.83	3,951	6.5
2019	11,017.09	2,129	3,197	0.1757	8,922	20.60	433	5.5
2020	312,710.52	49,723	74,680	0.1446	269,302	21.38	12,596	4.5
2021	1,716,518.31	213,646	320,658	0.1132	1,567,512	22.17	70,708	3.5
2022	1,084,973.98	97,029	145,585	0.0813	1,047,887	22.97	45,627	2.5
2023	1,784,846.24	96,400	144,474	0.0491	1,818,857	23.77	76,509	1.5
2024	2,032,773.49	36,783	55,085	0.0165	2,180,966	24.59	88,696	0.5
TOTAL	11,111,421.82	2,776,550	4,044,664		8,177,900		378,427	

COMPOSITE ANNUAL ACCRUAL RATE 3.41%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.36

COMPOSITE AVERAGE AGE (YEARS) 7.89

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 19.32

Newfoundland and Labrador Hydro

Account #: S15 - Structural Supports (Wood or Steel)

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	213,565.83	195,765	204,529	0.8730	19,716	6.98	2,825	57.5
1968	118,266.43	107,491	112,303	0.8656	11,877	7.39	1,607	56.5
1970	606,504.86	540,911	565,125	0.8494	71,705	8.29	8,649	54.5
1971	3,879.00	3,423	3,577	0.8405	496	8.79	57	53.5
1972	1,051,652.56	917,675	958,755	0.8311	145,481	9.31	15,627	52.5
1974	40,813.35	34,712	36,266	0.8100	6,588	10.45	631	50.5
1975	89,370.64	74,987	78,344	0.7991	15,495	11.05	1,402	49.5
1976	86,734.84	71,735	74,947	0.7877	16,125	11.69	1,380	48.5
1977	83,957.15	68,403	71,465	0.7759	16,690	12.34	1,353	47.5
1978	840,408.57	673,558	703,710	0.7633	178,719	13.00	13,742	46.5
1979	365,784.41	288,451	301,363	0.7510	82,710	13.69	6,044	45.5
1980	253,554.46	196,612	205,414	0.7385	60,818	14.38	4,230	44.5
1981	261,871.02	199,572	208,506	0.7258	66,459	15.08	4,406	43.5
1982	581,995.40	435,644	455,145	0.7129	155,950	15.80	9,868	42.5
1983	315,782.64	232,001	242,386	0.6997	89,185	16.53	5,394	41.5
1984	14,166.81	10,198	10,654	0.6856	4,221	17.28	244	40.5
1985	11,743.67	8,285	8,655	0.6719	3,675	18.04	204	39.5
1986	75,722.14	52,316	54,658	0.6580	24,850	18.81	1,321	38.5
1987	292,810.22	197,931	206,791	0.6438	100,660	19.60	5,136	37.5
1988	77,603.29	51,286	53,582	0.6294	27,902	20.40	1,368	36.5
1989	392,408.53	252,965	264,289	0.6140	147,740	21.21	6,964	35.5
1990	893,125.26	561,806	586,956	0.5991	350,826	22.04	15,918	34.5
1991	420,663.60	257,929	269,475	0.5840	172,222	22.88	7,527	33.5
1992	611,539.56	365,082	381,425	0.5686	260,692	23.73	10,985	32.5
1993	53,083.28	30,823	32,203	0.5530	23,534	24.60	957	31.5
1994	168,570.90	95,102	99,359	0.5373	77,640	25.47	3,048	30.5
1995	610,703.97	333,727	348,666	0.5204	292,573	26.36	11,100	29.5
1996	278,697.88	147,575	154,181	0.5043	138,452	27.25	5,080	28.5

Newfoundland and Labrador Hydro

Account #: S15 - Structural Supports (Wood or Steel)

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1997	55,631.15	28,505	29,781	0.4880	28,631	28.16	1,017	27.5
1998	213,837.59	105,870	110,609	0.4715	113,920	29.08	3,918	26.5
1999	19,402.49	9,266	9,681	0.4548	10,692	30.00	356	25.5
2000	304,743.10	139,863	146,124	0.4371	173,856	30.93	5,620	24.5
2001	51,839.87	22,871	23,895	0.4202	30,537	31.87	958	23.5
2002	95,124.17	40,267	42,069	0.4032	57,811	32.82	1,761	22.5
2003	173,142.72	70,167	73,309	0.3860	108,491	33.77	3,212	21.5
2004	14,790.11	5,727	5,983	0.3688	9,546	34.73	275	20.5
2005	17,969.12	6,630	6,927	0.3514	11,941	35.70	334	19.5
2006	18,876.25	6,600	6,896	0.3330	12,924	36.67	352	18.5
2007	432,097.80	143,125	149,532	0.3155	304,171	37.64	8,081	17.5
2008	33,346.06	10,430	10,897	0.2979	24,116	38.62	625	16.5
2009	69,987.69	20,595	21,517	0.2803	51,970	39.60	1,312	15.5
2010	226,254.53	62,376	65,168	0.2626	172,399	40.58	4,248	14.5
2011	24,295.92	6,221	6,499	0.2439	19,011	41.56	457	13.5
2012	806,862.62	191,494	200,066	0.2260	647,140	42.55	15,208	12.5
2013	717,907.98	156,949	163,975	0.2082	589,828	43.54	13,546	11.5
2014	308,262.78	61,625	64,383	0.1904	259,293	44.53	5,822	10.5
2015	137,931.75	24,983	26,101	0.1725	118,727	45.53	2,608	9.5
2016	337,966.44	54,862	57,318	0.1546	297,547	46.52	6,396	8.5
2017	1,444,361.73	205,800	215,013	0.1357	1,301,567	47.52	27,392	7.5
2018	494,943.38	61,220	63,960	0.1178	455,730	48.51	9,394	6.5
2020	737,534.61	63,424	66,264	0.0819	708,148	50.51	14,021	4.5
2021	3,233,856.25	216,976	226,689	0.0639	3,168,861	51.50	61,526	3.5

Newfoundland and Labrador Hydro

Account #: S15 - Structural Supports (Wood or Steel)

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	18,785,946.38	8,121,811	8,485,386		11,239,858		335,506	

COMPOSITE ANNUAL ACCRUAL RATE	1.79%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.45
COMPOSITE AVERAGE AGE (YEARS)	24.39
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	32.36

Newfoundland and Labrador Hydro

Account #: S17 - Sump Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 35
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	35,394.24	35,394	35,394	1.0000	0		0	58.5
1979	36,037.72	34,229	36,038	0.9498	0	1.79	0	45.5
1985	1,426.00	1,287	1,426	0.9026	0	3.43	0	39.5
1999	22,854.33	15,546	19,507	0.6802	3,347	11.20	299	25.5
2009	75,619.94	32,911	41,307	0.4352	34,313	19.77	1,736	15.5
2015	428,606.40	115,501	145,205	0.2695	283,401	25.55	11,090	9.5
2017	50,268.62	10,715	13,471	0.2132	36,797	27.53	1,337	7.5
2018	45,000.03	8,345	10,459	0.1854	34,541	28.52	1,211	6.5
2019	122,656.88	19,208	24,137	0.1566	98,520	29.51	3,338	5.5
2020	610,519.15	78,580	98,342	0.1287	512,177	30.51	16,788	4.5
TOTAL	1,428,383.31	351,717	425,286		1,003,097		35,799	

COMPOSITE ANNUAL ACCRUAL RATE	2.51%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.30
COMPOSITE AVERAGE AGE (YEARS)	9.58
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	26.38

Newfoundland and Labrador Hydro

Account #: S18 - Surge Systems

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 60
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1966	1,026,640.16	863,918	1,026,640	0.8415	0	9.51	0	58.5
1967	2,328,931.08	1,939,161	2,328,931	0.8326	0	10.03	0	57.5
2002	299,651.03	111,081	140,938	0.3707	158,713	37.76	4,203	22.5
2014	1,496,950.24	261,218	331,460	0.1745	1,165,490	49.53	23,531	10.5
2015	1,174,259.37	185,063	235,325	0.1576	938,934	50.52	18,584	9.5
2016	2,735,680.18	387,591	490,673	0.1417	2,245,007	51.52	43,576	8.5
2018	1,500,000.00	161,700	205,837	0.1078	1,294,163	53.51	24,185	6.5
2019	369,543.00	33,954	42,917	0.0919	326,626	54.51	5,992	5.5
2020	237,593.26	17,796	22,580	0.0749	215,013	55.51	3,874	4.5
2023	493,224.60	12,331	15,629	0.0250	477,596	58.50	8,164	1.5
2024	439,685.95	3,517	4,643	0.0080	435,043	59.50	7,312	0.5
TOTAL	12,102,158.87	3,977,329	4,845,572		7,256,587		139,421	

COMPOSITE ANNUAL ACCRUAL RATE 1.15%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.40

COMPOSITE AVERAGE AGE (YEARS) 21.87

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 40.28

Newfoundland and Labrador Hydro

Account #: S19 - Station Switching

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S0.5
ASL: 38
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1965	95,998.62	82,333	95,999	0.8577	0	5.64	0	59.5
1968	160,718.28	133,394	160,718	0.8300	0	6.66	0	56.5
1970	1,000.00	811	980	0.8111	20	7.36	3	54.5
1973	80,010.49	62,582	75,684	0.7822	4,326	8.42	514	51.5
1980	233,222.40	165,948	201,173	0.7115	32,049	11.03	2,906	44.5
1981	65,308.50	45,791	55,520	0.7012	9,789	11.42	857	43.5
1982	123,205.18	85,035	103,183	0.6902	20,023	11.81	1,695	42.5
1984	108,404.79	72,492	87,994	0.6687	20,411	12.62	1,618	40.5
1985	2,461,120.55	1,617,879	1,965,337	0.6574	495,783	13.03	38,052	39.5
1986	35,050.06	22,652	27,521	0.6463	7,529	13.45	560	38.5
1987	50,537.58	32,093	38,997	0.6350	11,540	13.87	832	37.5
1989	125,368.04	76,681	93,262	0.6117	32,106	14.74	2,178	35.5
1990	64,390.22	38,628	46,985	0.5999	17,405	15.18	1,146	34.5
1991	66,301.23	38,986	47,422	0.5880	18,879	15.63	1,208	33.5
1992	246,618.65	141,923	172,769	0.5755	73,850	16.09	4,589	32.5
1995	16,676.25	8,964	10,921	0.5375	5,755	17.52	328	29.5
1996	146,348.10	76,782	93,528	0.5247	52,820	18.02	2,932	28.5
1997	448,071.64	229,171	279,137	0.5115	168,935	18.52	9,122	27.5
1998	144,682.17	71,992	87,758	0.4976	56,924	19.03	2,991	26.5
1999	24,050.34	11,639	14,185	0.4839	9,865	19.56	504	25.5
2000	175,022.65	82,261	100,239	0.4700	74,784	20.09	3,722	24.5
2001	715,196.43	325,629	397,131	0.4553	318,066	20.64	15,413	23.5
2002	544,643.49	240,117	292,721	0.4409	251,922	21.19	11,887	22.5
2003	601,443.56	256,275	312,297	0.4261	289,147	21.76	13,286	21.5
2004	8,687.61	3,566	4,349	0.4105	4,338	22.34	194	20.5
2005	253,591.03	100,165	122,132	0.3950	131,459	22.94	5,731	19.5
2006	143,720.54	54,502	66,420	0.3792	77,301	23.55	3,283	18.5
2007	310,421.80	112,723	137,281	0.3631	173,141	24.17	7,163	17.5

Newfoundland and Labrador Hydro

Account #: S19 - Station Switching

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S0.5
ASL: 38
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2008	794,940.97	275,058	335,342	0.3460	459,599	24.81	18,526	16.5
2011	210,049.45	61,650	75,132	0.2935	134,917	26.82	5,031	13.5
2013	284,781.27	73,106	88,917	0.2567	195,864	28.24	6,937	11.5
2014	1,422,780.64	337,014	410,659	0.2369	1,012,121	28.97	34,932	10.5
2016	39,115.12	7,713	9,372	0.1972	29,743	30.51	975	8.5
2017	55,112.68	9,687	11,802	0.1758	43,311	31.30	1,384	7.5
2018	221,334.09	34,212	41,613	0.1546	179,721	32.12	5,595	6.5
2019	210,897.67	28,007	33,992	0.1328	176,905	32.96	5,367	5.5
2022	170,000.00	10,713	12,979	0.0630	157,021	35.61	4,409	2.5
2023	436,120.65	16,505	20,286	0.0378	415,834	36.55	11,379	1.5
2024	233,035.33	2,989	3,673	0.0128	229,362	37.51	6,115	0.5
TOTAL	11,527,978.07	5,047,668	6,135,411		5,392,567		233,364	

COMPOSITE ANNUAL ACCRUAL RATE	2.02%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.53
COMPOSITE AVERAGE AGE (YEARS)	24.19
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	21.35

Newfoundland and Labrador Hydro

Account #: S20 - Switching Systems - L.V.

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R5
ASL: 60
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	11,423.00	10,056	7,258	0.8803	4,165	7.18	580	57.5
1969	12,000.00	10,345	7,466	0.8621	4,534	8.28	547	55.5
1970	5,070.00	4,319	3,117	0.8519	1,953	8.88	220	54.5
1978	42,949.00	32,444	23,415	0.7554	19,534	14.68	1,331	46.5
1980	292,893.12	213,138	153,825	0.7277	139,068	16.36	8,503	44.5
1982	341,312.01	238,243	171,944	0.6980	169,368	18.10	9,356	42.5
1983	57,955.20	39,624	28,597	0.6837	29,358	19.00	1,545	41.5
1985	1,030,337.00	672,336	485,236	0.6525	545,101	20.83	26,171	39.5
1989	13,381.22	7,895	5,698	0.5900	7,683	24.62	312	35.5
2012	2,137.86	445	321	0.2080	1,817	47.50	38	12.5
2014	149,698.41	26,197	18,907	0.1750	130,791	49.50	2,642	10.5
2015	345,451.74	54,581	39,392	0.1580	306,059	50.50	6,061	9.5
TOTAL	2,304,608.56	1,309,623	945,176		1,359,433		57,306	

COMPOSITE ANNUAL ACCRUAL RATE 2.49%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.41

COMPOSITE AVERAGE AGE (YEARS) 34.54

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 25.89

Newfoundland and Labrador Hydro

Account #: S24 - Software

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 10
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2020	23,519,313.11	10,583,691	14,976,585	0.4500	8,542,728	5.50	1,553,223	4.5
TOTAL	23,519,313.11	10,583,691	14,976,585		8,542,728		1,553,223	

COMPOSITE ANNUAL ACCRUAL RATE	6.60%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.64
COMPOSITE AVERAGE AGE (YEARS)	4.50
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	5.50

Newfoundland and Labrador Hydro

Account #: T01 - Telecontrol System

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S0.5
ASL: 27
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	121,677.13	121,677	121,677	1.0000	0		0	58.5
1968	29,424.20	29,424	29,424	1.0000	0		0	57.5
1970	486,115.14	486,115	486,115	1.0000	0		0	55.5
1974	139,723.79	133,953	139,724	0.9587	0	1.28	0	50.5
1975	38,228.01	36,195	38,228	0.9468	0	1.61	0	49.5
1977	43,794.87	40,410	43,795	0.9227	0	2.27	0	47.5
1978	28,102.56	25,588	28,103	0.9105	0	2.60	0	46.5
1980	358,919.53	317,902	358,920	0.8857	0	3.27	0	44.5
1982	25,527.39	21,965	25,527	0.8604	0	3.94	0	42.5
1984	4,374.50	3,651	4,375	0.8346	0	4.62	0	40.5
1985	17,669.00	14,514	17,669	0.8214	0	4.96	0	39.5
1987	32,460.35	25,796	32,460	0.7947	0	5.66	0	37.5
1988	12,474.58	9,743	12,475	0.7811	0	6.02	0	36.5
1989	19,391.39	14,878	19,391	0.7673	0	6.38	0	35.5
1990	40,440.89	30,463	40,441	0.7533	0	6.75	0	34.5
1991	9,093.53	6,720	9,094	0.7390	0	7.12	0	33.5
1992	210,249.91	152,349	210,250	0.7246	0	7.50	0	32.5
1993	6,821.00	4,843	6,821	0.7100	0	7.88	0	31.5
1995	325,030.31	220,998	317,960	0.6799	7,070	8.67	815	29.5
1996	150,823.71	100,225	144,269	0.6645	6,554	9.08	722	28.5
1997	230,157.88	149,332	215,058	0.6488	15,099	9.50	1,590	27.5
1998	120,734.75	76,351	110,083	0.6324	10,651	9.92	1,074	26.5
1999	361,433.59	222,690	321,193	0.6161	40,240	10.35	3,887	25.5
2000	232,641.59	139,457	201,241	0.5995	31,401	10.80	2,909	24.5
2001	413,279.05	240,735	347,495	0.5825	65,784	11.25	5,848	23.5
2002	268,003.29	151,451	218,698	0.5651	49,305	11.71	4,209	22.5
2003	807,494.51	441,950	638,408	0.5473	169,087	12.19	13,871	21.5
2004	128,822.63	68,161	98,487	0.5291	30,335	12.68	2,393	20.5

Newfoundland and Labrador Hydro

Account #: T01 - Telecontrol System

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: S0.5
ASL: 27
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2005	68,977.27	35,208	50,886	0.5104	18,091	13.18	1,373	19.5
2006	44,795.86	22,009	31,813	0.4913	12,983	13.70	948	18.5
2007	155,855.93	73,505	106,271	0.4716	49,585	14.23	3,485	17.5
2008	681,121.71	307,492	444,561	0.4515	236,560	14.77	16,013	16.5
2009	419,898.83	180,834	261,444	0.4307	158,455	15.34	10,332	15.5
2010	113,980.51	46,650	67,437	0.4093	46,544	15.92	2,924	14.5
2011	2,103,765.82	814,578	1,177,463	0.3872	926,303	16.52	56,088	13.5
2012	554,162.09	201,931	291,860	0.3644	262,302	17.13	15,309	12.5
2013	216,244.91	73,711	106,512	0.3409	109,733	17.77	6,174	11.5
2014	115,808.60	36,663	52,958	0.3166	62,851	18.43	3,410	10.5
2015	413,531.84	120,516	174,011	0.2914	239,521	19.12	12,529	9.5
2016	1,052,845.11	279,372	403,245	0.2654	649,600	19.83	32,766	8.5
2017	791,629.76	188,693	272,225	0.2384	519,404	20.56	25,265	7.5
2018	937,840.93	197,294	284,485	0.2104	653,356	21.32	30,649	6.5
2019	1,107,837.39	200,940	289,477	0.1814	818,360	22.11	37,021	5.5
2020	67,281.00	10,176	14,648	0.1512	52,633	22.92	2,296	4.5
2021	37,242.54	4,469	6,425	0.1200	30,817	23.77	1,297	3.5
2022	90,060.89	7,882	11,312	0.0875	78,748	24.65	3,195	2.5
2023	255,581.18	13,745	19,653	0.0538	235,928	25.56	9,231	1.5
2024	509,202.86	9,509	13,353	0.0187	495,850	26.51	18,705	0.5
TOTAL	14,400,574.11	6,112,715	8,317,422		6,083,152		326,328	

COMPOSITE ANNUAL ACCRUAL RATE	2.27%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.58
COMPOSITE AVERAGE AGE (YEARS)	17.14
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	15.54

Newfoundland and Labrador Hydro

Account #: T02 - Test Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 20
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2005	104,172.87	101,569	104,173	0.9750	0	0.50	0	19.5
2006	125,767.44	116,335	121,571	0.9250	4,197	1.50	2,798	18.5
2007	87,588.49	76,640	80,089	0.8750	7,499	2.50	3,000	17.5
2008	102,997.25	84,973	88,797	0.8250	14,200	3.50	4,057	16.5
2009	195,507.07	151,518	158,337	0.7750	37,170	4.50	8,260	15.5
2010	139,690.85	101,276	105,834	0.7250	33,857	5.50	6,156	14.5
2011	40,674.93	27,456	28,691	0.6750	11,984	6.50	1,844	13.5
2012	44,277.18	27,673	28,919	0.6250	15,359	7.50	2,048	12.5
2013	35,952.88	20,673	21,603	0.5750	14,350	8.50	1,688	11.5
2014	279,290.00	146,627	153,226	0.5250	126,064	9.50	13,270	10.5
2015	64,570.87	30,671	32,052	0.4750	32,519	10.50	3,097	9.5
2016	19,879.32	8,449	8,829	0.4250	11,050	11.50	961	8.5
2017	48,664.04	18,249	19,070	0.3750	29,594	12.50	2,367	7.5
2018	224,052.92	72,817	76,094	0.3250	147,959	13.50	10,960	6.5
2019	60,179.90	16,549	17,294	0.2750	42,886	14.50	2,958	5.5
2021	97,476.81	17,058	17,826	0.1750	79,651	16.50	4,827	3.5
2022	74,938.96	9,367	9,789	0.1250	65,150	17.50	3,723	2.5
2023	29,575.45	2,218	2,318	0.0750	27,257	18.50	1,473	1.5
2024	91,055.68	2,276	2,379	0.0250	88,677	19.50	4,548	0.5
TOTAL	1,866,312.91	1,032,395	1,076,891		789,422		78,035	

COMPOSITE ANNUAL ACCRUAL RATE	4.18%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.58
COMPOSITE AVERAGE AGE (YEARS)	11.06
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	8.94

Newfoundland and Labrador Hydro

Account #: T03 - Tools and Equipment

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 20
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2005	440,527.84	429,515	429,954	0.9750	10,573	0.50	10,573	19.5
2006	1,127,912.27	1,043,319	1,044,387	0.9250	83,525	1.50	55,684	18.5
2007	606,546.65	530,728	531,272	0.8750	75,275	2.50	30,110	17.5
2008	612,599.12	505,394	505,912	0.8250	106,687	3.50	30,482	16.5
2009	1,846,266.32	1,430,856	1,432,321	0.7750	413,945	4.50	91,988	15.5
2010	429,346.17	311,276	311,595	0.7250	117,752	5.50	21,409	14.5
2011	774,551.44	522,822	523,357	0.6750	251,194	6.50	38,645	13.5
2012	467,058.66	291,912	292,211	0.6250	174,848	7.50	23,313	12.5
2013	695,936.52	400,163	400,573	0.5750	295,363	8.50	34,749	11.5
2014	658,642.49	345,787	346,141	0.5250	312,501	9.50	32,895	10.5
2015	554,680.49	263,473	263,743	0.4750	290,938	10.50	27,708	9.5
2016	451,304.49	191,804	192,001	0.4250	259,304	11.50	22,548	8.5
2017	534,629.28	200,486	200,691	0.3750	333,938	12.50	26,715	7.5
2018	1,957,482.80	636,182	636,833	0.3250	1,320,650	13.50	97,826	6.5
2019	5,785,397.87	1,590,984	1,592,613	0.2750	4,192,785	14.50	289,158	5.5
2020	1,237,563.41	278,452	278,737	0.2250	958,827	15.50	61,860	4.5
2021	820,347.75	143,561	143,708	0.1750	676,640	16.50	41,008	3.5
2022	1,335,767.83	166,971	167,142	0.1250	1,168,626	17.50	66,779	2.5
2023	1,740,959.54	130,572	130,706	0.0750	1,610,254	18.50	87,041	1.5
2024	1,190,290.45	29,757	29,788	0.0250	1,160,503	19.50	59,513	0.5
TOTAL	23,267,811.39	9,444,016	9,453,684		13,814,127		1,150,004	

COMPOSITE ANNUAL ACCRUAL RATE 4.94%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.41

COMPOSITE AVERAGE AGE (YEARS) 8.12

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 11.88

Newfoundland and Labrador Hydro

Account #: T04 - Towers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	7,765,380.80	6,131,545	5,446,504	0.7896	2,318,877	13.69	169,341	57.5
1968	3,671,739.67	2,861,166	2,541,506	0.7792	1,130,234	14.34	78,817	56.5
1970	584,554.04	443,408	393,868	0.7585	190,686	15.68	12,164	54.5
1974	328,024.10	234,803	208,570	0.7158	119,454	18.48	6,465	50.5
1977	4,145,457.94	2,826,207	2,510,452	0.6818	1,635,006	20.70	79,003	47.5
1981	133,177.73	84,355	74,930	0.6334	58,247	23.81	2,446	43.5
1982	27,740.73	17,236	15,311	0.6213	12,430	24.62	505	42.5
1983	5,228,146.18	3,179,549	2,824,318	0.6082	2,403,829	25.44	94,476	41.5
1984	115,353.95	68,719	61,041	0.5957	54,313	26.27	2,067	40.5
1985	14,909,454.99	8,693,703	7,722,408	0.5831	7,187,047	27.12	265,044	39.5
1988	505,215.54	274,554	243,880	0.5434	261,336	29.70	8,798	36.5
1989	692,670.62	366,658	325,694	0.5293	366,977	30.58	11,999	35.5
1990	3,967,744.87	2,047,317	1,818,582	0.5160	2,149,163	31.47	68,282	34.5
1991	1,391,051.50	697,751	619,796	0.5016	771,256	32.37	23,823	33.5
1993	131,812.19	62,512	55,528	0.4743	76,284	34.20	2,231	31.5
1996	28,732.47	12,370	10,988	0.4305	17,745	36.99	480	28.5
1999	811,245.78	313,887	278,818	0.3869	532,427	39.83	13,368	25.5
2000	7,662,860.96	2,855,335	2,536,326	0.3726	5,126,535	40.79	125,691	24.5
2001	4,060,773.88	1,454,326	1,291,843	0.3581	2,768,931	41.75	66,323	23.5
2002	6,534,758.53	2,239,592	1,989,376	0.3427	4,545,382	42.72	106,409	22.5
2003	4,195,002.97	1,376,674	1,222,867	0.3282	2,972,136	43.69	68,033	21.5
2004	2,053,137.11	641,708	570,014	0.3126	1,483,123	44.66	33,209	20.5
2007	1,498,132.33	400,765	355,990	0.2675	1,142,142	47.60	23,995	17.5
2010	7,728.50	1,716	1,525	0.2221	6,204	50.56	123	14.5
2011	87,896.27	18,214	16,179	0.2072	71,717	51.55	1,391	13.5
2013	25,620.47	4,522	4,017	0.1765	21,604	53.53	404	11.5
2016	190,974.07	24,960	22,172	0.1307	168,802	56.52	2,987	8.5
2017	56,309,925.74	6,464,379	5,742,153	0.1148	50,567,772	57.51	879,227	7.5

Newfoundland and Labrador Hydro

Account #: T04 - Towers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2018	8,537,446.43	852,037	756,844	0.0998	7,780,602	58.51	132,977	6.5
2019	147,723.90	12,542	11,141	0.0849	136,583	59.51	2,295	5.5
2020	27,898.79	1,922	1,707	0.0689	26,191	60.51	433	4.5
2021	46,381.34	2,500	2,221	0.0539	44,161	61.50	718	3.5
2022	38,042.88	1,446	1,284	0.0380	36,759	62.50	588	2.5
2024	153,683.00	1,229	1,092	0.0080	152,591	64.50	2,366	0.5
TOTAL	136,015,490.27	44,669,610	39,678,944		96,336,546		2,286,478	

COMPOSITE ANNUAL ACCRUAL RATE 1.68%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.29

COMPOSITE AVERAGE AGE (YEARS) 22.35

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 43.65

Newfoundland and Labrador Hydro

Account #: T05 - Transformers - Pad Mount and Other, and Static Excitation System and Transformers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 50
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1964	9,519.71	8,437	9,054	0.8441	941	8.05	117	60.5
1965	1,413,543.65	1,242,812	1,333,789	0.8374	150,432	8.35	18,018	59.5
1966	108,971.86	95,015	101,970	0.8304	12,450	8.66	1,437	58.5
1967	3,353,789.28	2,899,233	3,111,464	0.8233	410,015	8.99	45,610	57.5
1968	1,159,807.45	993,601	1,066,335	0.8159	151,463	9.33	16,231	56.5
1969	1,218,539.03	1,034,064	1,109,760	0.8082	169,706	9.69	17,516	55.5
1970	6,405,215.65	5,382,063	5,776,041	0.8003	949,435	10.06	94,362	54.5
1971	2,219,088.05	1,845,394	1,980,480	0.7920	349,562	10.45	33,447	53.5
1972	689,789.22	567,472	609,013	0.7835	115,266	10.86	10,616	52.5
1973	27,597.45	22,447	24,090	0.7747	4,887	11.28	433	51.5
1974	1,181,400.42	949,580	1,019,091	0.7655	221,379	11.72	18,885	50.5
1975	317,035.78	251,680	270,103	0.7561	62,784	12.18	5,154	49.5
1976	274,952.78	215,443	231,214	0.7463	57,487	12.66	4,542	48.5
1977	2,160,398.36	1,670,010	1,792,258	0.7362	476,160	13.15	36,206	47.5
1978	5,329,944.50	4,061,897	4,359,237	0.7258	1,237,205	13.66	90,557	46.5
1979	169,874.23	127,551	136,888	0.7151	41,480	14.19	2,923	45.5
1980	4,881,920.24	3,609,484	3,873,706	0.7042	1,252,310	14.73	84,994	44.5
1981	1,183,277.54	860,826	923,840	0.6929	318,602	15.29	20,831	43.5
1982	449,162.91	321,292	344,811	0.6813	126,810	15.87	7,990	42.5
1983	363,573.86	255,545	274,252	0.6694	107,501	16.46	6,530	41.5
1984	64,761.33	44,696	47,968	0.6573	20,032	17.07	1,174	40.5
1985	3,619,226.71	2,450,741	2,630,141	0.6449	1,170,047	17.69	66,149	39.5
1986	1,338,625.26	888,593	953,640	0.6322	451,917	18.32	24,665	38.5
1987	367,367.41	238,886	256,373	0.6193	129,363	18.97	6,819	37.5
1988	1,653,570.60	1,052,427	1,129,467	0.6062	606,782	19.63	30,911	36.5
1989	4,951,808.27	3,081,684	3,307,270	0.5927	1,892,129	20.30	93,197	35.5
1990	2,906,681.46	1,767,270	1,896,638	0.5791	1,155,378	20.99	55,052	34.5
1991	569,391.64	337,911	362,647	0.5652	235,214	21.68	10,848	33.5

Newfoundland and Labrador Hydro

Account #: T05 - Transformers - Pad Mount and Other, and Static Excitation System and Transformers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 50
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1992	449,507.48	260,110	279,150	0.5511	192,833	22.39	8,612	32.5
1993	481,662.06	271,484	291,357	0.5368	214,388	23.11	9,277	31.5
1994	337,062.61	184,832	198,363	0.5223	155,553	23.84	6,525	30.5
1995	2,714,275.10	1,446,369	1,552,247	0.5075	1,297,742	24.58	52,801	29.5
1996	3,007,462.10	1,555,392	1,669,250	0.4926	1,488,585	25.33	58,773	28.5
1997	177,165.36	88,817	95,319	0.4775	90,705	26.09	3,477	27.5
1998	2,090,103.46	1,014,129	1,088,365	0.4621	1,106,244	26.86	41,191	26.5
1999	242,043.47	113,514	121,824	0.4467	132,322	27.63	4,788	25.5
2000	220,986.53	99,996	107,316	0.4310	124,720	28.42	4,388	24.5
2001	452,468.09	197,187	211,621	0.4151	263,470	29.22	9,017	23.5
2002	2,596,529.70	1,087,816	1,167,447	0.3990	1,558,910	30.02	51,921	22.5
2003	1,854,272.49	745,209	799,760	0.3828	1,147,226	30.84	37,201	21.5
2004	1,864,186.94	717,092	769,585	0.3664	1,187,811	31.66	37,516	20.5
2005	603,615.65	221,670	237,897	0.3498	395,899	32.49	12,184	19.5
2006	263,883.47	92,281	99,036	0.3331	178,042	33.33	5,342	18.5
2007	838,239.06	278,260	298,629	0.3162	581,522	34.18	17,015	17.5
2008	406,606.75	127,697	137,045	0.2991	289,893	35.03	8,275	16.5
2009	3,600,044.40	1,065,595	1,143,599	0.2819	2,636,448	35.89	73,453	15.5
2010	1,072,162.11	297,879	319,684	0.2646	806,086	36.76	21,928	14.5
2011	1,476,916.22	383,193	411,244	0.2471	1,139,518	37.64	30,277	13.5
2012	4,674,048.07	1,126,329	1,208,778	0.2295	3,698,972	38.52	96,031	12.5
2013	5,190,447.09	1,154,031	1,238,509	0.2118	4,211,461	39.41	106,872	11.5
2014	10,237,036.36	2,084,209	2,236,778	0.1939	8,512,110	40.30	211,214	10.5
2015	9,749,842.45	1,800,747	1,932,566	0.1759	8,304,769	41.20	201,566	9.5
2016	16,876,727.46	2,796,305	3,001,001	0.1578	14,719,563	42.11	349,575	8.5
2017	6,905,598.87	1,012,223	1,086,320	0.1396	6,164,559	43.02	143,301	7.5
2018	8,196,214.58	1,043,911	1,120,327	0.1213	7,485,698	43.93	170,383	6.5
2019	7,987,201.39	862,558	925,699	0.1029	7,460,863	44.86	166,330	5.5

Newfoundland and Labrador Hydro

Account #: T05 - Transformers - Pad Mount and Other, and Static Excitation System and Transformers

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 50
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2020	5,050,950.90	447,350	480,097	0.0844	4,823,401	45.78	105,357	4.5
2021	4,736,133.97	326,971	350,906	0.0658	4,622,035	46.71	98,947	3.5
2022	6,541,576.85	323,170	346,827	0.0471	6,521,829	47.65	136,879	2.5
2023	8,341,156.66	247,857	266,001	0.0283	8,492,213	48.59	174,790	1.5
2024	19,676,575.57	195,241	209,533	0.0094	20,450,871	49.53	412,919	0.5
TOTAL	187,301,537.92	59,945,478	64,333,617		132,332,998		3,673,339	

COMPOSITE ANNUAL ACCRUAL RATE	1.96%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.34
COMPOSITE AVERAGE AGE (YEARS)	18.59
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	34.75

Newfoundland and Labrador Hydro

Account #: T07 - Transformers - Pole Mounted

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L1
ASL: 35
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	11,602.59	9,017	12,763	0.7065	0	10.28	0	57.5
1968	3,506.89	2,699	3,858	0.6997	0	10.52	0	56.5
1970	24,894.16	18,782	27,384	0.6859	0	11.00	0	54.5
1978	10,884.00	7,513	10,958	0.6275	1,015	13.05	78	46.5
1979	323.10	220	321	0.6196	34	13.32	3	45.5
1981	387,314.69	257,264	375,313	0.6038	50,733	13.87	3,658	43.5
1982	125,160.20	82,016	119,664	0.5957	18,012	14.15	1,273	42.5
1983	211,585.95	136,779	199,522	0.5877	33,223	14.44	2,301	41.5
1984	146,373.03	93,278	136,083	0.5793	24,928	14.73	1,693	40.5
1985	146,742.75	92,185	134,450	0.5711	26,967	15.02	1,795	39.5
1986	165,613.25	102,455	149,477	0.5624	32,697	15.32	2,134	38.5
1987	456,937.53	278,307	406,092	0.5537	96,539	15.62	6,180	37.5
1988	127,433.87	76,415	111,464	0.5451	28,713	15.93	1,803	36.5
1989	232,605.92	137,165	200,143	0.5361	55,723	16.24	3,432	35.5
1990	267,547.21	155,174	226,341	0.5273	67,961	16.55	4,106	34.5
1991	269,648.17	153,628	224,164	0.5179	72,449	16.87	4,294	33.5
1992	862,931.27	483,032	704,529	0.5089	244,695	17.20	14,229	32.5
1993	295,581.29	162,342	236,859	0.4993	88,281	17.53	5,037	31.5
1994	282,360.08	152,080	221,937	0.4896	88,659	17.86	4,964	30.5
1995	581,601.91	307,163	448,094	0.4801	191,668	18.20	10,531	29.5
1996	886,921.47	458,694	669,315	0.4702	306,298	18.54	16,517	28.5
1997	1,125,213.10	569,803	831,093	0.4604	406,642	18.89	21,522	27.5
1998	604,436.78	299,210	436,596	0.4500	228,284	19.25	11,859	26.5
1999	680,711.37	329,419	480,429	0.4399	268,353	19.61	13,685	25.5
2000	684,146.94	323,075	471,358	0.4293	281,204	19.98	14,077	24.5
2001	627,766.65	289,041	421,798	0.4186	268,745	20.35	13,207	23.5
2002	809,779.26	363,375	530,051	0.4079	360,706	20.73	17,403	22.5
2003	967,884.12	422,419	616,487	0.3968	448,186	21.11	21,230	21.5

Newfoundland and Labrador Hydro

Account #: T07 - Transformers - Pole Mounted

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L1
ASL: 35
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2004	789,703.64	335,169	488,853	0.3858	379,821	21.50	17,665	20.5
2005	976,605.31	402,065	586,667	0.3743	487,598	21.90	22,264	19.5
2006	946,621.34	377,653	550,748	0.3627	490,535	22.31	21,984	18.5
2007	1,246,708.66	480,394	700,769	0.3503	670,610	22.74	29,487	17.5
2008	1,045,461.55	387,737	566,025	0.3372	583,982	23.19	25,178	16.5
2009	1,633,118.39	581,810	848,600	0.3239	947,831	23.67	40,045	15.5
2010	1,446,021.14	491,948	718,086	0.3093	872,537	24.17	36,098	14.5
2011	2,302,905.66	745,773	1,087,511	0.2944	1,445,685	24.70	58,524	13.5
2012	1,799,269.47	550,474	803,293	0.2781	1,175,903	25.26	46,544	12.5
2013	7,480,303.58	2,151,545	3,135,683	0.2615	5,092,650	25.86	196,939	11.5
2014	3,300,985.63	883,443	1,288,699	0.2433	2,342,385	26.49	88,435	10.5
2015	2,473,208.49	609,589	890,396	0.2241	1,830,133	27.15	67,410	9.5
2016	1,485,364.67	334,182	487,304	0.2045	1,146,597	27.85	41,176	8.5
2017	1,200,297.97	242,095	353,574	0.1834	966,754	28.58	33,830	7.5
2018	703,235.00	125,301	182,526	0.1620	591,033	29.34	20,144	6.5
2019	3,216,338.60	491,318	717,436	0.1389	2,820,536	30.14	93,594	5.5
2020	2,958,188.71	376,651	547,755	0.1158	2,706,253	30.96	87,405	4.5
2021	3,484,003.58	348,366	508,505	0.0909	3,323,899	31.82	104,468	3.5
2022	2,458,448.92	176,834	259,383	0.0654	2,444,911	32.70	74,769	2.5
2023	3,157,089.31	138,773	201,950	0.0400	3,270,848	33.61	97,332	1.5
2024	3,328,970.05	48,044	71,441	0.0131	3,590,426	34.53	103,974	0.5

Newfoundland and Labrador Hydro

Account #: T07 - Transformers - Pole Mounted

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L1
ASL: 35
Net Salvage: -10%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	58,430,357.22	16,041,714	23,401,750		40,871,643		1,504,276	

COMPOSITE ANNUAL ACCRUAL RATE	2.57%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.40
COMPOSITE AVERAGE AGE (YEARS)	12.68
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	26.27

Newfoundland and Labrador Hydro

Account #: T09 - Turbines

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R2.5
ASL: 55
Net Salvage: -20%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	1,738,806.26	1,630,235	1,465,112	0.7813	621,456	12.05	51,580	57.5
1968	8,607,404.86	7,987,327	7,178,306	0.7733	3,150,580	12.48	252,545	56.5
1970	1,662,651.23	1,509,415	1,356,529	0.7565	638,653	13.38	47,744	54.5
1971	26,000.00	23,329	20,966	0.7477	10,234	13.85	739	53.5
1975	101,873.10	86,753	77,966	0.7097	44,282	15.91	2,784	49.5
1977	214,245.11	177,248	159,295	0.6894	97,799	17.02	5,745	47.5
1978	4,242,670.89	3,453,492	3,103,694	0.6783	1,987,511	17.60	112,896	46.5
1980	2,788,239.51	2,197,177	1,974,629	0.6567	1,371,258	18.81	72,917	44.5
1982	7,067,266.97	5,377,667	4,832,973	0.6341	3,647,747	20.06	181,850	42.5
1983	46,776.00	34,944	31,405	0.6226	24,726	20.70	1,194	41.5
1985	10,640,181.07	7,636,160	6,862,708	0.5981	5,905,510	22.03	268,079	39.5
1987	8,893.22	6,121	5,501	0.5735	5,171	23.40	221	37.5
1988	6,909,835.55	4,651,701	4,180,539	0.5610	4,111,263	24.10	170,600	36.5
1989	1,587,174.93	1,042,822	937,196	0.5475	967,414	24.81	38,994	35.5
2003	11,776,329.63	4,954,255	4,452,448	0.3506	9,679,148	35.70	271,125	21.5
2009	67,170.20	20,764	18,661	0.2576	61,944	40.83	1,517	15.5
2013	2,234,418.47	517,491	465,076	0.1930	2,216,227	44.38	49,942	11.5
2014	289,550.40	61,431	55,209	0.1768	292,252	45.28	6,455	10.5
2015	2,906,129.53	559,773	503,075	0.1605	2,984,281	46.18	64,620	9.5
2016	1,512,610.90	261,651	235,149	0.1442	1,579,984	47.09	33,551	8.5
2017	1,823,190.02	277,395	249,298	0.1268	1,938,530	48.01	40,380	7.5
2018	1,775,384.73	234,883	211,093	0.1103	1,919,369	48.93	39,230	6.5
2019	4,143,833.59	465,435	418,292	0.0936	4,554,308	49.85	91,360	5.5
2023	110,290.05	3,372	3,031	0.0255	129,317	53.58	2,413	1.5
2024	96,354.84	983	884	0.0085	114,742	54.53	2,104	0.5

Newfoundland and Labrador Hydro

Account #: T09 - Turbines

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life

Survivor Curve: R2.5

ASL: 55

Net Salvage: -20%

Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
TOTAL	72,377,281.06	43,171,826	38,799,033		48,053,704		1,810,585	

COMPOSITE ANNUAL ACCRUAL RATE	2.50%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.54
COMPOSITE AVERAGE AGE (YEARS)	33.41
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	27.63

Newfoundland and Labrador Hydro

Account #: T11 - Holyrood Gas Turbine - Turbine Overhaul

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 6
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2019	58,833.08	53,930	50,662	0.9167	8,171	0.50	8,171	5.5
TOTAL	58,833.08	53,930	50,662		8,171		8,171	

COMPOSITE ANNUAL ACCRUAL RATE	13.89%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.86
COMPOSITE AVERAGE AGE (YEARS)	5.50
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	0.50

Newfoundland and Labrador Hydro

Account #: T12 - Holyrood Gas Turbine - Combustor Overhaul

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION
BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 12
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2015	3,088,487.29	2,445,052	2,589,888	0.7917	498,599	2.50	199,440	9.5
TOTAL	3,088,487.29	2,445,052	2,589,888		498,599		199,440	

COMPOSITE ANNUAL ACCRUAL RATE	6.46%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.84
COMPOSITE AVERAGE AGE (YEARS)	9.50
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	2.50

Newfoundland and Labrador Hydro

Account #: T14 - Transformer - Charging Station

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: SQ
ASL: 10
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2021	115,666.46	40,483	37,762	0.3500	77,905	6.50	11,985	3.5
2022	435,437.19	108,859	101,541	0.2500	333,897	7.50	44,520	2.5
TOTAL	551,103.65	149,343	139,302		411,802		56,505	

COMPOSITE ANNUAL ACCRUAL RATE	10.25%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.25
COMPOSITE AVERAGE AGE (YEARS)	2.71
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	7.29

Newfoundland and Labrador Hydro

Account #: V01 - Vacuum Cleaning System

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R4
ASL: 60
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1969	23,574.00	19,193	23,574	0.8142	0	11.15	0	55.5
1980	48,877.00	33,729	45,308	0.6901	3,569	18.61	192	44.5
TOTAL	72,451.00	52,922	68,882		3,569		192	

COMPOSITE ANNUAL ACCRUAL RATE	0.27%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.95
COMPOSITE AVERAGE AGE (YEARS)	48.08
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	16.19

Newfoundland and Labrador Hydro

Account #: V02 - Valves - Penstock

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R3
ASL: 65
Net Salvage: 0%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1967	1,415,205.48	1,044,422	1,025,672	0.7380	389,534	17.05	22,848	57.5
1970	547,228.00	388,455	381,482	0.7099	165,746	18.84	8,797	54.5
1975	14,300.75	9,448	9,278	0.6606	5,023	22.08	227	49.5
1977	104,000.00	66,497	65,303	0.6394	38,697	23.45	1,650	47.5
1982	22,218.67	12,969	12,736	0.5837	9,482	27.07	350	42.5
1985	2,149,771.70	1,179,666	1,158,488	0.5487	991,284	29.35	33,774	39.5
1988	2,432.20	1,247	1,224	0.5126	1,208	31.71	38	36.5
2001	183,189.12	62,852	61,724	0.3431	121,465	42.72	2,843	23.5
2003	232,949.56	73,449	72,130	0.3153	160,819	44.52	3,612	21.5
2004	211,351.90	63,564	62,423	0.3008	148,929	45.43	3,278	20.5
2005	212,317.84	60,956	59,862	0.2871	152,456	46.34	3,290	19.5
2006	176,897.79	48,346	47,478	0.2733	129,420	47.26	2,738	18.5
2007	129,795.39	33,548	32,946	0.2585	96,849	48.18	2,010	17.5
2008	1,875,177.71	458,518	450,287	0.2445	1,424,891	49.11	29,012	16.5
2015	220,507.28	31,369	30,806	0.1423	189,701	55.74	3,403	9.5
2016	259,435.73	33,171	32,576	0.1279	226,860	56.71	4,001	8.5
2022	465,515.05	17,382	17,070	0.0373	448,445	62.54	7,170	2.5
2024	25,330.89	199	195	0.0078	25,136	64.51	390	0.5
TOTAL	8,247,625.06	3,586,059	3,521,680		4,725,945		129,431	

COMPOSITE ANNUAL ACCRUAL RATE 1.57%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.43

COMPOSITE AVERAGE AGE (YEARS) 31.83

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 36.75

Newfoundland and Labrador Hydro

Account #: V03 - Vehicles - 1 Ton

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L4
ASL: 8
Net Salvage: 15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2016	53,070.76	36,633	40,431	0.8121	4,679	1.55	3,018	8.5
2017	4,458.64	2,995	3,305	0.7902	485	1.72	282	7.5
2018	50,591.00	31,746	35,038	0.7382	7,965	2.11	3,777	6.5
TOTAL	108,120.40	71,374	78,774		13,128		7,077	

COMPOSITE ANNUAL ACCRUAL RATE	6.55%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.73
COMPOSITE AVERAGE AGE (YEARS)	7.52
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	1.82

Newfoundland and Labrador Hydro

Account #: V04 - Vehicles - 3/4 Ton and Under

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 7
Net Salvage: 15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2012	9,642.60	7,211	8,196	0.8798	0	0.92	0	12.5
2013	35,027.86	25,227	29,774	0.8473	0	1.13	0	11.5
2014	36,225.10	25,009	30,791	0.8122	0	1.36	0	10.5
2015	368,270.48	242,698	309,226	0.7753	3,804	1.61	2,360	9.5
2016	634,090.60	398,800	508,382	0.7399	30,595	1.86	16,492	8.5
2017	776,548.94	469,690	598,742	0.7116	61,324	2.05	29,880	7.5
2018	558,821.88	326,372	416,106	0.6871	58,893	2.22	26,506	6.5
2019	986,793.46	543,878	694,574	0.6484	144,200	2.48	58,068	5.5
2020	8,327.42	4,092	5,238	0.5782	1,841	2.96	621	4.5
2021	582,693.89	234,668	300,830	0.4738	194,460	3.69	52,741	3.5
2022	1,339,338.67	397,133	509,586	0.3488	628,852	4.56	137,952	2.5
2023	2,928,611.02	530,424	681,473	0.2131	1,807,846	5.51	328,293	1.5
2024	2,242,185.63	135,316	174,750	0.0710	1,731,108	6.50	266,329	0.5
TOTAL	10,506,577.55	3,340,518	4,267,668		4,662,923		919,242	

COMPOSITE ANNUAL ACCRUAL RATE	8.75%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.41
COMPOSITE AVERAGE AGE (YEARS)	3.39
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	4.39

Newfoundland and Labrador Hydro

Account #: V05 - Vehicles - Booms / Bodies / Cranes / Cab / Chassis

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 13
Net Salvage: 15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2003	18,947.63	13,687	16,105	0.8499	0	1.98	0	21.5
2005	37,000.00	25,544	31,450	0.8122	0	2.47	0	19.5
2007	443,949.43	291,493	377,357	0.7725	0	2.98	0	17.5
2008	457,199.26	292,611	385,459	0.7530	3,160	3.23	978	16.5
2009	253,678.85	158,494	208,794	0.7350	6,833	3.46	1,973	15.5
2010	93,690.00	57,294	75,481	0.7195	4,156	3.66	1,134	14.5
2011	1,305,765.30	783,656	1,032,372	0.7061	77,528	3.84	20,198	13.5
2012	840,416.00	495,218	652,366	0.6932	61,987	4.01	15,477	12.5
2013	712,418.07	410,355	540,580	0.6777	64,975	4.21	15,444	11.5
2014	834,044.14	465,148	612,907	0.6561	96,030	4.48	21,413	10.5
2015	2,719,548.03	1,446,494	1,906,645	0.6258	404,971	4.88	83,055	9.5
2016	6.20	3	4	0.5849	1	5.40	0	8.5
2017	554,801.28	251,640	331,924	0.5336	139,657	6.07	23,018	7.5
2018	1,776,923.38	715,620	944,239	0.4738	566,146	6.84	82,741	6.5
2019	533,742.14	185,211	244,398	0.4082	209,282	7.69	27,201	5.5
2020	1,168,444.61	336,409	444,151	0.3387	549,027	8.60	63,876	4.5
2021	761,141.60	172,314	227,592	0.2663	419,378	9.54	43,983	3.5
2022	1,353,705.26	220,326	291,221	0.1915	859,429	10.51	81,795	2.5
2023	2,294,198.22	224,258	296,938	0.1150	1,653,130	11.50	143,748	1.5
2024	3,653,045.44	117,993	157,633	0.0380	2,947,456	12.50	235,797	0.5
TOTAL	19,812,664.84	6,663,771	8,777,617		8,063,148		861,831	

COMPOSITE ANNUAL ACCRUAL RATE	4.35%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.44
COMPOSITE AVERAGE AGE (YEARS)	6.45
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	7.86

Newfoundland and Labrador Hydro

Account #: V06 - Vehicles - Cars, Station Wagons, and Vans

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L3
ASL: 7
Net Salvage: 15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2012	23,046.59	17,235	19,590	0.8798	0	0.92	0	12.5
2014	72,282.16	49,901	61,440	0.8122	0	1.36	0	10.5
2015	23,722.00	15,633	20,164	0.7753	0	1.61	0	9.5
2016	71,463.26	44,946	60,744	0.7399	0	1.86	0	8.5
2017	353,242.67	213,656	300,256	0.7116	0	2.05	0	7.5
2018	124,509.49	72,718	105,833	0.6871	0	2.22	0	6.5
2019	80,000.00	44,093	68,000	0.6484	0	2.48	0	5.5
2021	161,433.77	65,014	124,451	0.4738	12,768	3.69	3,463	3.5
2022	250,462.14	74,266	142,295	0.3488	70,597	4.56	15,487	2.5
2023	184,462.36	33,409	64,094	0.2131	92,699	5.51	16,834	1.5
2024	375,738.30	22,676	43,727	0.0710	275,650	6.50	42,409	0.5
TOTAL	1,720,362.74	653,547	1,010,593		451,715		78,193	

COMPOSITE ANNUAL ACCRUAL RATE 4.55%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.59

COMPOSITE AVERAGE AGE (YEARS) 4.32

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 3.89

Newfoundland and Labrador Hydro

Account #: V07 - Vehicles - Dump Trucks

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: L5
ASL: 10
Net Salvage: 15%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
2003	11,535.00	9,805	9,805	1.0000	0		0	22.5
2019	164,417.00	76,809	78,595	0.5496	61,159	4.50	13,578	5.5
TOTAL	175,952.00	86,614	88,400		61,159		13,578	

COMPOSITE ANNUAL ACCRUAL RATE	7.72%
THEORETICAL ACCUMULATED DEPRECIATION FACTOR	0.50
COMPOSITE AVERAGE AGE (YEARS)	6.61
DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS)	4.21

Newfoundland and Labrador Hydro

Account #: W04 - Water Treatment and Water Systems - Feed

CALCULATED ANNUAL ACCRUAL AND ACCRUED DEPRECIATION

BASED ON ORIGINAL COST AS OF December 31, 2024

ALG - Remaining Life
Survivor Curve: R1.5
ASL: 55
Net Salvage: -5%
Truncation Year:

Year	Original Cost	Calculated Accumulated Depreciation	Allocated Actual Booked Amount	Accumulated Depreciation Factor	Net Book Value	ALG Remaining Life	Annual Accrual	Average Age
1968	395,463.12	286,883	415,236	0.6909	0	16.99	0	56.5
1969	1,663,202.51	1,191,665	1,726,236	0.6824	20,127	17.45	1,153	55.5
1971	1,937,382.00	1,352,543	1,960,007	0.6649	74,244	18.40	4,035	53.5
1980	1,533,657.94	930,254	1,350,810	0.5777	259,531	23.13	11,219	44.5
1988	57,541.66	29,628	43,023	0.4904	17,396	27.95	622	36.5
1990	15,137.27	7,418	10,781	0.4667	5,114	29.23	175	34.5
1991	2,681,164.08	1,280,771	1,861,083	0.4549	954,139	29.89	31,925	33.5
1995	5,359.72	2,286	3,323	0.4061	2,305	32.57	71	29.5
2012	659,794.84	125,422	182,117	0.1810	510,667	45.01	11,345	12.5
2013	170,885.85	29,987	43,511	0.1671	135,920	45.79	2,968	11.5
2015	4,160,003.20	607,546	879,606	0.1391	3,488,397	47.35	73,672	9.5
2017	1,621,519.70	187,234	272,089	0.1100	1,430,507	48.93	29,236	7.5
2018	165,421.86	16,622	24,119	0.0957	149,574	49.72	3,008	6.5
2022	2,252,898.14	87,229	127,601	0.0369	2,237,942	52.95	42,265	2.5
TOTAL	17,319,431.89	6,135,488	8,899,541		9,285,862		211,694	

COMPOSITE ANNUAL ACCRUAL RATE 1.22%

THEORETICAL ACCUMULATED DEPRECIATION FACTOR 0.51

COMPOSITE AVERAGE AGE (YEARS) 25.85

DIRECTED WEIGHTED ALG COMPOSITE REMAINING LIFE (YEARS) 36.41

SECTION 8

8 ESTIMATION OF SURVIVOR CURVES

8.1 Average Service Life

All assets have a service life, which is defined as "the period of time from its installation until it is retired from service"[3]. All account groups of property are made up of various assets with differing service lives and investment values. To calculate a depreciation rate, one must first calculate an average life for all assets in a single account. This can be done by ascertaining the age at retirement for every asset in an account and plotting it as a percentage of the units surviving at each age interval (a "Survivor Curve"). From the average life for each account, remaining lives can then be found which are then used to calculate the annual depreciation accruals and ultimately depreciation rate. A discussion of the general concept of survivor curves is presented and the Iowa type survivor curves are reviewed.

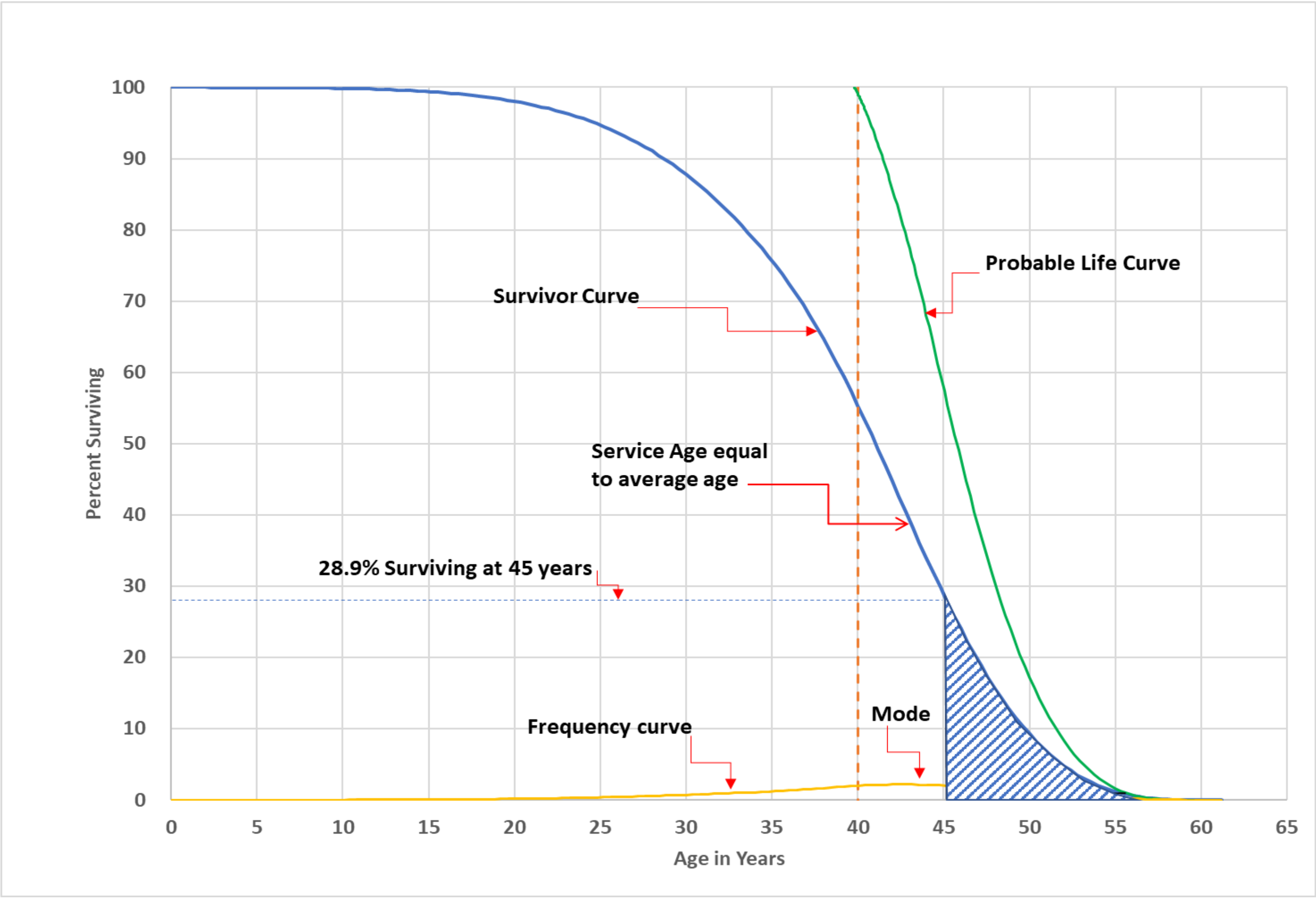
8.2 Survivor Curves

A survivor curve is defined as "a graph of the percent of units remaining in service expressed as a function of age"[4]. To calculate the average life of the group, the remaining life expectancy, the probable life and the frequency curve, one must first create a survivor curve. Figure 1 shows a typical 40-R4 smoothed survivor curve as well as the accompanying derived curves. The type 40-R4 refers to the Iowa type curve, whose designation will be explained in further detail in the next section

To calculate the average service life, one must calculate the area under the survivor curve and divide by the percent surviving at age zero. The remaining life is equal to the area under the survivor curve and to the right of the current age, divided by the percent surviving at the current age. In Figure 1, for example, the hatched area to the right of age 45 divided by 28.9 percent surviving balance represents the remaining life for an asset that has reached that age. The probable life is "the total life expectancy of the property surviving at any age and is equal to the remaining life plus the current age."[5] If the probable life of the property is calculated for each year of age, the probable life curve shown in the chart can be developed. The frequency curve is calculated by taking the difference between the percent surviving on successive years on the survivor curve. Alternatively, frequency can be empirically determined by finding the amount of retirements at any given age. Plotting retirement frequency from the youngest to oldest ages and then taking the cumulative frequencies will generate percent surviving versus age.

[3] Wolf, Frank K. and W. Chester Fitch, Depreciation Systems (Iowa State University Press, 1994), 21.
[4] *Ibid*, 23.
[5] *Ibid*, 29.

FIGURE 1: TYPICAL SURVIVOR CURVE (40-R4) AND DERIVED CURVES



8.3 Iowa Type Curves

In 1931, Robley Winfrey and Edwin Kurtz of the Engineering Research Institute at Iowa State University published Bulletin 103, which laid the groundwork for what would eventually be known as the Iowa Curves. "The 13 type curves can be used as valuable aids in forecasting the probable future service lives of individual items and of groups of items of different kinds of physical equipment"[6]. The 13 curves described in Bulletin 103 eventually became a series of 22 generalized survivor curves which are used throughout the regulated utility industry. These 22 curves were described in Bulletin 125, published in 1967 by Harold A. Cowles, which became known as the Iowa curves.

The Iowa curves are organized with three variables: the average life of the plant; the location of the mode; and the variation of the life. All Iowa curves have both a letter and a number to represent the shape and height of the mode. The L curves, or left-moded curves, are used when the mode of the curve should be to the left of the average life. There are six L curves are presented in Figure 2. The R curves, or right-moded, are used when the mode of the curve should be to the right of the average life. There are five R curves, which are presented in Figure 3. The S curves, or symmetrically-moded, are used when the mode is equal to the average life. There are seven S curves, which are presented in Figure 4. The O curves, or origin curves, are used when the mode occurs at age 0. There are four O curves, which are presented in Figure 5. There are some occasions where it is appropriate to use a half curve. In these cases, the curve is assumed to be exactly halfway between the two curves.

In addition to Bulletin 125, Iowa curves have also been presented in subsequent Experiment Station bulletins and in the text Engineering Valuation and Depreciation[7]. In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student, submitted a thesis[8] presenting his development of the fourth family consisting of the four O-type survivor curves.

[6] *Ibid*, 34

[7] Marston, Anson, Robley Winfrey and Jean C. Hempstead, Engineering Valuation and Depreciation (The Iowa State University Press, 1953)

[8] Couch, Frank V. B., Jr., Classification of Type O Retirement Characteristics of Industrial Property Unpublished M.S. Thesis (Engineering Valuation, Library, Iowa State College, Ames, Iowa, 1957)

FIGURE 2: LEFT MODAL OR “L” IOWA TYPE SURVIVOR CURVES

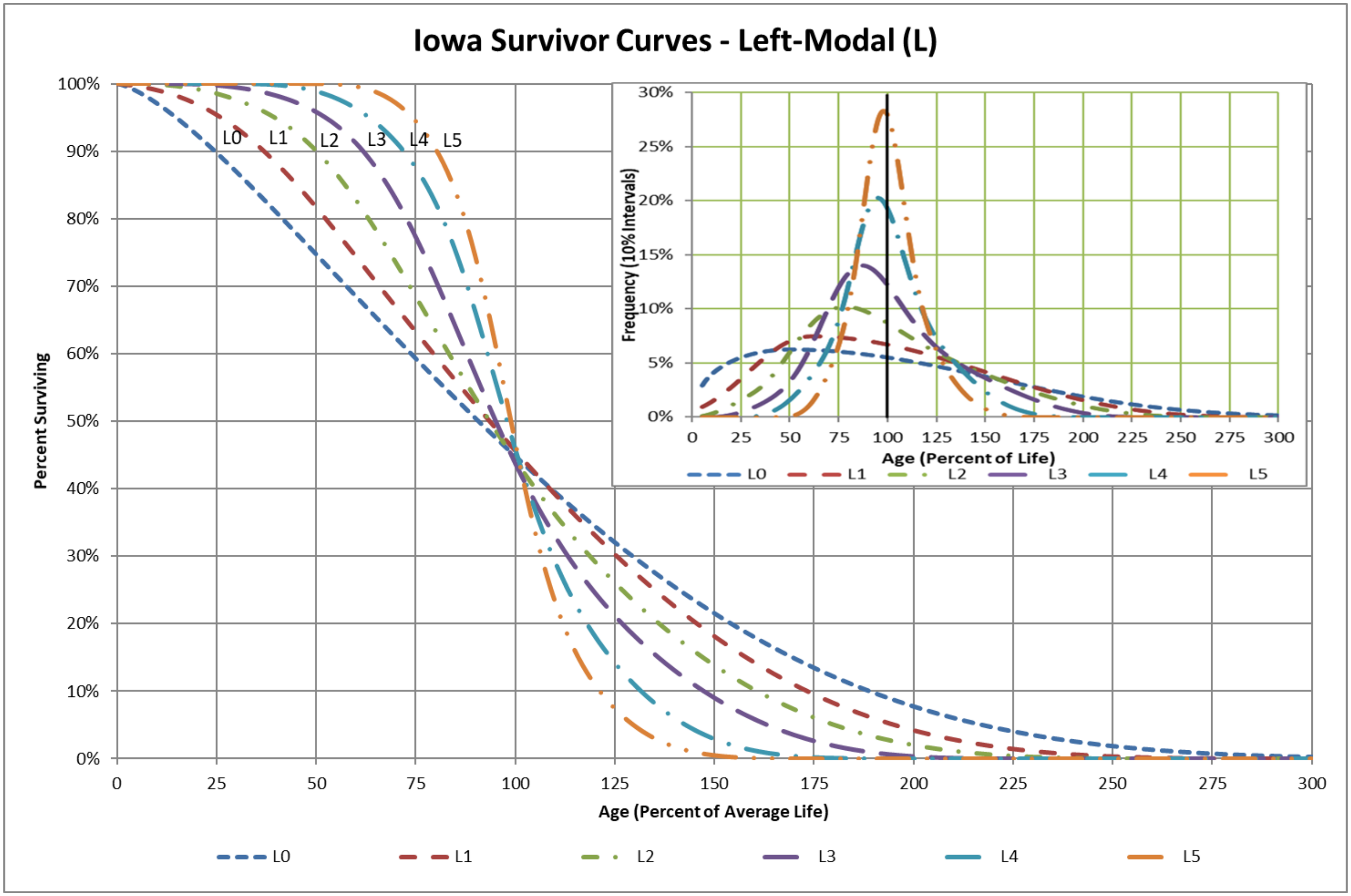


FIGURE 3: RIGHT MODAL OR "R" IOWA TYPE SURVIVOR CURVES

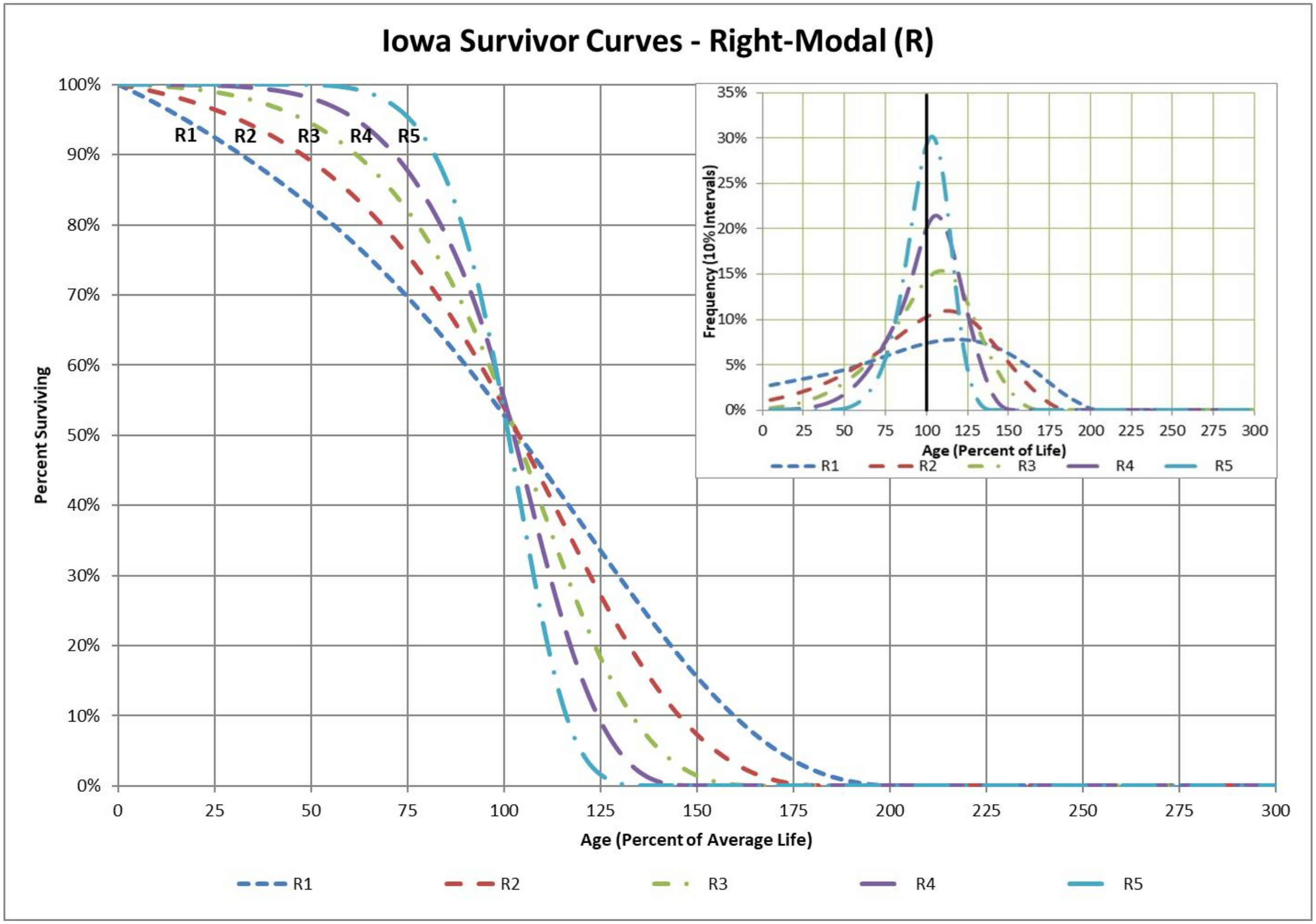


FIGURE 4: SYMMETRICAL OR "S" IOWA TYPE SURVIVOR CURVES

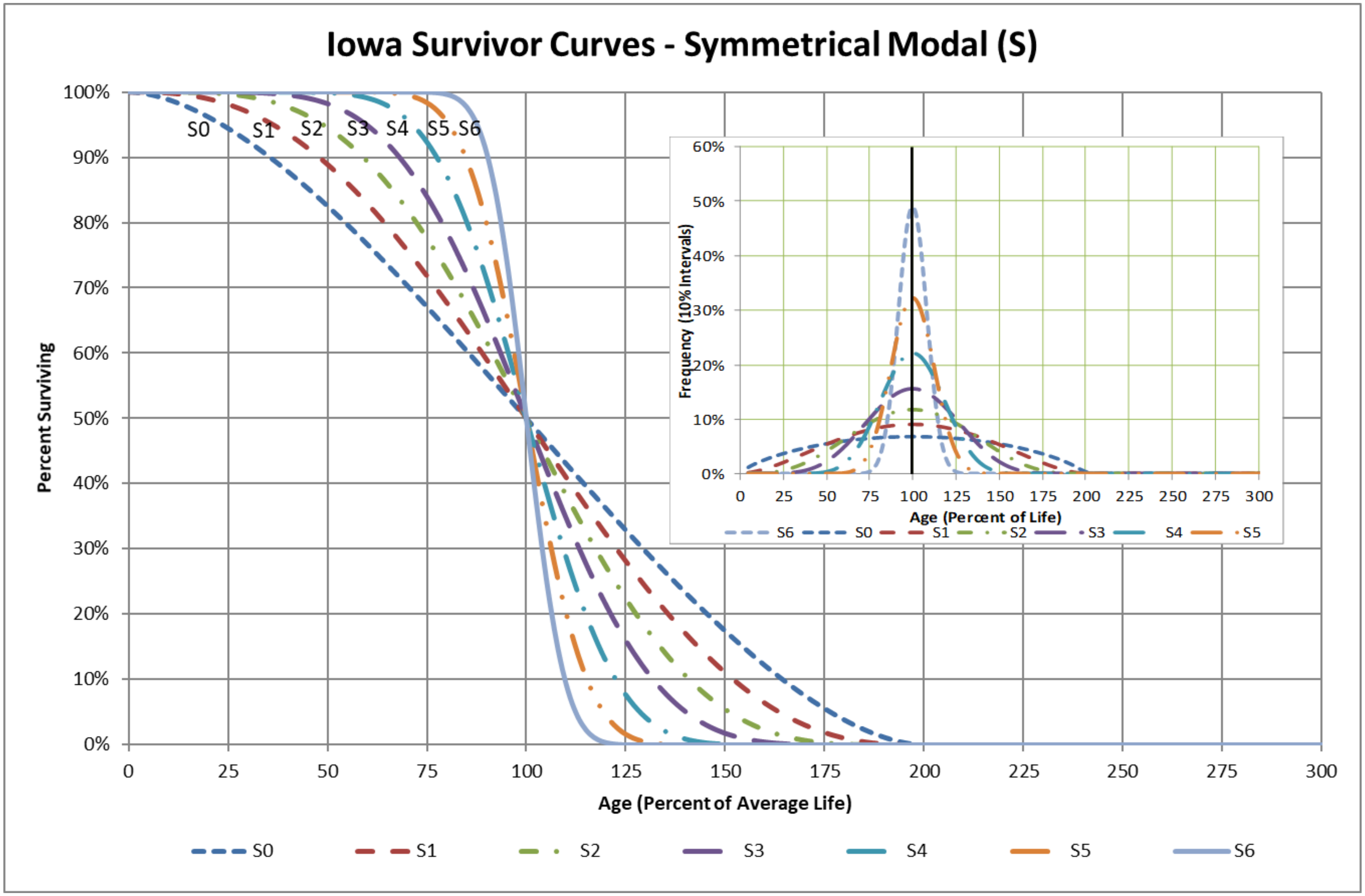
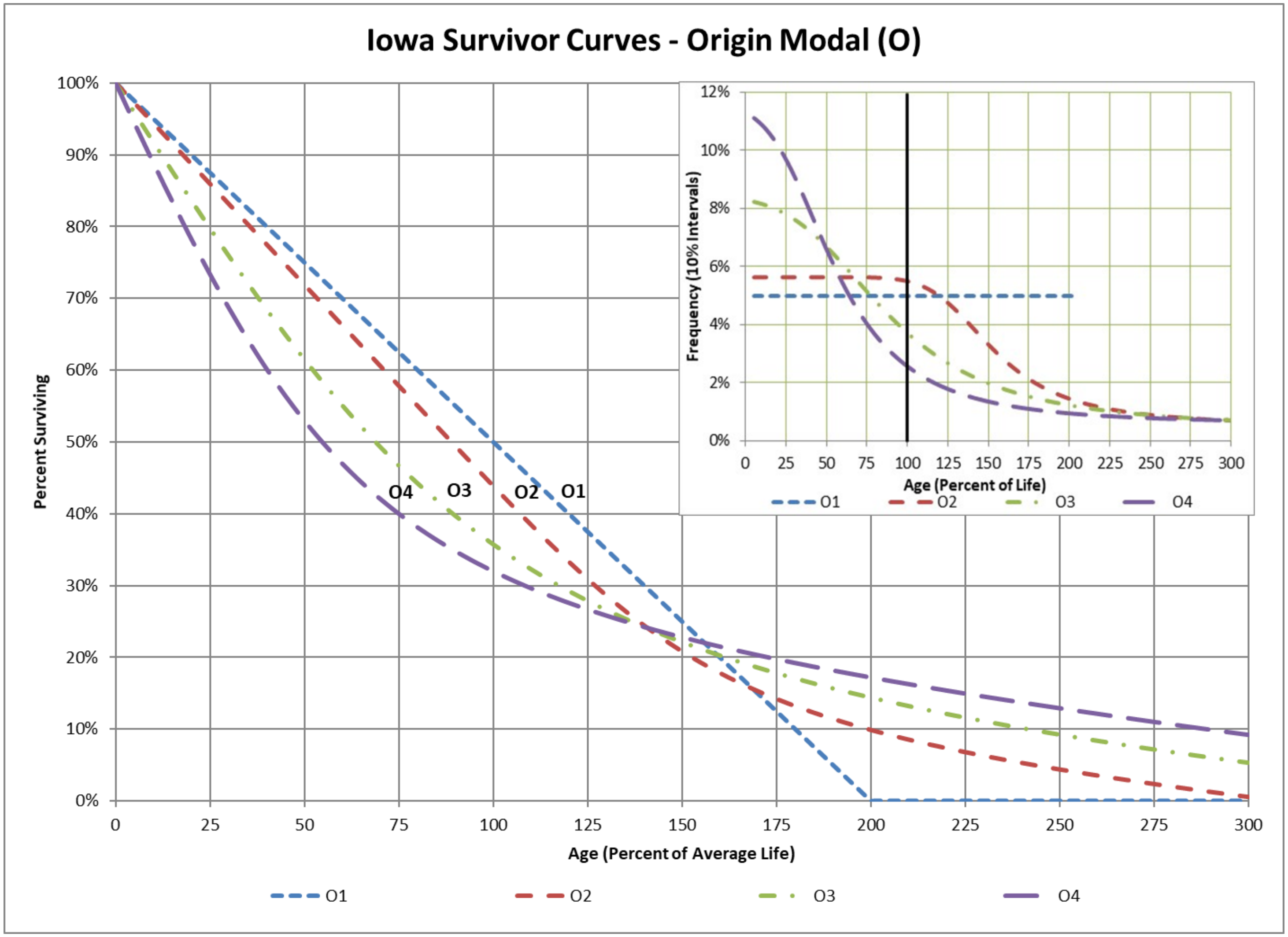


FIGURE 5: ORIGIN MODAL OR "O" IOWA TYPE SURVIVOR CURVES



8.4 Retirement Rate Method of Analysis

The retirement rate method is a widely accepted actuarial method used to create survivor curves. This method is also referred to as an original life table. These survivor curves can then be used to determine the average service life of a plant account. The retirement rate method is thoroughly explained in several publications, including Statistical Analyses of Industrial Property Retirements,[9] Engineering Valuation and Depreciation[10] and Depreciation Systems[11].

The retirement rate method is a subgroup of the placement and the experience band methods, as described in "Depreciation Systems". The placement band method creates a survivor curve which describes the life characteristics of assets placed into service during a selected timeframe. The experience band method creates a survivor curve which describes the life characteristics of assets removed from service during a selected time frame. The retirement rate method creates both placement and experience bands to give the most complete or representative data. An example of the calculations used in the development of a life table follows. The example includes schedules of annual aged property transactions, a schedule of plant exposed to retirement, a life table and illustrations of smoothing the stub survivor curve.

8.5 Schedules of Annual Transactions in Plant Records

The property group used to illustrate the retirement rate method is observed for the experience band 2015-2024 during which there were placements during the years 2010-2024. In order to illustrate the summation of the aged data by age interval, the data was compiled in the manner presented in Schedules 1 and 2. In Schedule 1 (page 9-10), the year of installation (year placed) and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, $10,000 of the asset invested in 2010 were retired in 2015. The $10,000 retirement occurred during the age interval between 4 ½ and 5 ½ years (2015 - 2010) on the basis that approximately one-half of the amount of property was installed prior to and after July 1 of each year. That is, on the average, property installed during a year is placed in service at the midpoint of the year for the purpose of the analysis. All retirements also are stated as occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age interval. For example, the total of $143,000 retired for age interval 4½-5½ is the sum of the retirements entered on Schedule 1 immediately above the stair step line drawn on the table beginning with the 2015 retirements of 2010 installations and ending with the 2024 retirements of the 2019 installations. Thus, the total amount of $143,000 for age interval 4½-5½ equals the sum of:

$10 + $12 + $13 + $11 + $13 + $13 + $15 + $17 + $19 + $20= $143 k

[9] Winfrey, supra note 2

[10] Anson, Winfrey & Hempstead, supra note 8

[11] Wolf & Fitch, supra note 3

Other transactions which affect the group are recorded in a similar manner in Schedule 2 (page 8-11). The entries illustrated include transfers and sales. The entries which are credits to the plant account are shown in parentheses. The items recorded on this schedule are not totaled with the retirements but are used in developing the exposures at the beginning of each age interval.

SCHEDULE 1. RETIREMENTS FOR EACH YEAR 2015-2024 – SUMMARIZED BY AGE INTERVAL

Experience Band 2015-2024 **Placement Band 2010-2024**

Retirements (Thousands of Dollars)
Annual Survivors at the Beginning of the Year

Year Placed (1)	2015 (2)	2016 (3)	2017 (4)	2018 (5)	2019 (6)	2020 (7)	2021 (8)	2022 (9)	2023 (10)	2024 (11)	Total During Age Interval (12)	Age Interval (13)
2010	10	11	12	13	14	16	23	24	25	26	26	131/2 - 141/2
2011	11	12	13	15	16	18	20	21	22	19	44	121/2 - 131/2
2012	11	12	13	14	16	17	19	21	22	18	64	111/2 - 121/2
2013	8	9	10	11	11	13	14	15	16	17	83	101/2 - 111/2
2014	9	10	11	12	13	14	16	17	19	20	93	91/2 - 101/2
2015	4	9	10	11	12	13	14	15	16	20	105	81/2 - 91/2
2016		5	11	12	13	14	15	16	18	20	113	71/2 - 81/2
2017			6	12	13	15	16	17	19	19	124	61/2 - 71/2
2018				6	13	15	16	17	19	19	131	51/2 - 61/2
2019					7	14	16	17	19	20	143	41/2 - 51/2
2020						8	18	20	22	23	146	31/2 - 41/2
2021							9	20	22	25	150	21/2 - 31/2
2022								11	23	25	151	11/2 - 21/2
2023									11	24	153	1/2 - 11/2
2024										13	80	'0 - 1/2
Total	**53**	**68**	**86**	**106**	**128**	**157**	**196**	**231**	**273**	**308**	**1,606**	

SCHEDULE 2. OTHER TRANSACTIONS FOR EACH YEAR 2015-2024 – SUMMARIZED BY AGE INTERVAL

Experience Band 2015-2024 **Placement Band 2010-2024**

Acquistions, Transfers and Sales (Thousands of Dollars)
Annual Survivors at the Beginning of the Year

Year Placed (1)	2015 (2)	2016 (3)	2017 (4)	2018 (5)	2019 (6)	2020 (7)	2021 (8)	2022 (9)	2023 (10)	2024 (11)	Total During Age Interval (12)	Age Interval (13)
2010							60[a]				0	13 1/2 - 14 1/2
2011											0	12 1/2 - 13 1/2
2012											0	11 1/2 - 12 1/2
2013								(5)[b]			60	10 1/2 - 11 1/2
2014								6[a]			0	9 1/2 - 10 1/2
2015											(5)	8 1/2 - 9 1/2
2016											6	7 1/2 - 8 1/2
2017											0	6 1/2 - 7 1/2
2018								(12)[b]			0	5 1/2 - 6 1/2
2019									22[a]		0	4 1/2 - 5 1/2
2020								(19)[b]			10	3 1/2 - 4 1/2
2021											0	2 1/2 - 3 1/2
2022										(102)[c]	(121)	1 1/2 - 2 1/2
2023											0	1/2 - 1 1/2
2024											0	'0 - 1/2
Total	**0**	**0**	**0**	**0**	**0**	**0**	**60**	**(30)**	**22**	**(102)**	**(50)**	

a = Transfer Affecting Exposures at Beginning of Year
b = Transfer Affecting Exposures at End of Year
c = Sale With Continued Use
Parentheses denote Credit amount

8.6 Schedule of Plant Exposed to Retirement

The development of the amount of plant exposed to retirement at the beginning of each age interval is illustrated in Schedule 3 (page 8-13). The surviving plant at the beginning of each year from 2015 through 2024 is recorded by year in the portion of the table titled "Annual Survivors at the Beginning of the Year." The last amount entered in each column is the amount of new plant added to the group during the year. The amounts entered in Schedule 3 for each successive year following the beginning balance or addition, are obtained by adding or subtracting the net entries shown on Schedules 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being exposed to retirement in this group at the beginning of the year in which they occurred, and the sales and transfers-out are considered to be removed from the plant exposed to retirement at the beginning of the following year. Thus, the amounts of plant shown at the beginning of each year are the amounts of plant from each placement year considered to be exposed to retirement at the beginning of each successive transaction year. For example, the exposures for the installation year 2020 are calculated in the following manner:

Exposures at age 0	=	amount of addition	=	$750,000
Exposures at age ½	=	$750,000 - $ 8,000	=	$742,000
Exposures at age 1½	=	$742,000 - $18,000	=	$724,000
Exposures at age 2½	=	$724,000 - $20,000 - $19,000	=	$685,000
Exposures at age 3½	=	$685,000 - $22,000	=	$663,000

For the entire experience band 2015-2024, the total exposures at the beginning of an age interval are obtained by summing diagonally in a manner similar to the summing of the retirements during an age interval (Schedule 1). For example, the figure of 3,789, shown as the total exposures at the beginning of age interval 4½-5½, is obtained by summing:

$255 + $268 + $ 284 + $311 + $334 + $374 + $405 + $448 + $501 $ $609 = $3,789k

SCHEDULE 3 – PLANT EXPOSED TO RETIREMENT AT THE BEGINNING OF EACH YEAR, 2015-2024 – SUMMARIZED BY AGE INTERVAL

Experience Band 2015-2024 **Placement Band 2010-2024**

Exposures (Thousands of Dollars)
Annual Survivors at the Beginning of the Year

Year Placed	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total at Beginning of Age Interval	Age Interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2010	255	245	234	222	209	195	239	216	192	167	167	131/2 - 141/2
2011	279	268	256	243	228	212	194	174	153	131	323	121/2 - 131/2
2012	307	296	284	271	257	241	224	205	184	162	531	111/2 - 121/2
2013	338	330	321	311	300	289	276	262	242	226	823	101/2 - 111/2
2014	376	367	357	346	334	321	307	297	280	261	1,097	91/2 - 101/2
2015	***420***	416	407	397	386	374	361	347	332	316	1,503	81/2 - 91/2
2016		***460***	455	444	432	419	405	390	374	356	1,952	71/2 - 81/2
2017			***510***	504	492	479	464	448	431	412	2,463	61/2 - 71/2
2018				***580***	574	561	546	530	501	482	3,057	51/2 - 61/2
2019					***660***	653	639	623	628	609	3,789	41/2 - 51/2
2020						***750***	742	724	685	663	4,332	31/2 - 41/2
2021							***850***	841	821	799	4,955	21/2 - 31/2
2022								***960***	949	926	5,719	11/2 - 21/2
2023									***1,080***	1,069	6,579	1/2 - 11/2
2024										***1,220***	7,490	'0 - 1/2
Total	**1,975**	**2,382**	**2,824**	**3,318**	**3,872**	**4,494**	**5,247**	**6,017**	**6,852**	**7,799**	**44,780**	

Additions during the year are denoted by bold red font.

	1,555	1,922	2,314	2,738	3,212	3,744	4,397	5,057	5,772	6,579	44,780
	420	***460***	***510***	***580***	***660***	***750***	***850***	***960***	***1,080***	***1,220***	***0***
	1,975	2,382	2,824	3,318	3,872	4,494	5,247	6,017	6,852	7,799	44,780

8.7 Original Life Tables

The original life table, illustrated in Schedule 4 (page 8-15) is developed from the totals shown on the schedules of retirements and exposures, Schedules 1 and 3, respectively. The exposures at the beginning of the age interval are obtained from the corresponding age interval of the exposure schedule, and the retirements during the age interval are obtained from the corresponding age interval of the retirement schedule. The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100 percent at age zero and successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

Percent surviving at age 4½	=	88.15		
Exposures at age 4½	=	$3,789,000		
Retirements from age 4½ to 5½	=	$143,000		
Retirement Ratio	=	$143,000 ÷ $3,789,000	=	0.0377
Survivor Ratio	=	1.000 - 0.0377	=	0.9623
Percent surviving at age 5½	=	(88.15) x (0.9623)	=	84.83

The totals of the exposures and retirements (columns 2 and 3) are shown for the purpose of checking with the respective totals in Schedules 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless. The original survivor curve is plotted from the original life table (column 6, Schedule 4). When the curve terminates at a percent surviving greater than zero, it is called a stub survivor curve. Survivor curves developed from retirement rate studies generally are stub curves.

SCHEDULE 4: ORIGINAL LIFE TABLE - CALCULATED BY THE RETIREMENT RATE METHOD

Experience Band 2015-2024					Placement Band 2010-2024
Age at Beginning of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retirement Ratio	Survivor Ratio	% Surviving at Beginning of Age Interval
(1)	(2)	(3)	(4)	(5)	(6)
0	7,490	80	0.0107	0.9893	100.00
0.5	6,579	153	0.0233	0.9767	98.93
1.5	5,719	151	0.0264	0.9736	96.63
2.5	4,955	150	0.0303	0.9697	94.08
3.5	4,332	146	0.0337	0.9663	91.23
4.5	3,789	143	0.0377	0.9623	88.16
5.5	3,057	131	0.0429	0.9571	84.83
6.5	2,463	124	0.0503	0.9497	81.19
7.5	1,952	113	0.0579	0.9421	77.11
8.5	1,503	105	0.0699	0.9301	72.64
9.5	1,097	93	0.0848	0.9152	67.57
10.5	823	83	0.1009	0.8991	61.84
11.5	531	64	0.1205	0.8795	55.60
12.5	323	44	0.1362	0.8638	48.90
13.5	167	26	0.1557	0.8443	42.24
					35.66
Total	**44,780**	**1,606**			

Exposure and Retirement Amounts are in Thousands of Dollars.
Column 2 from Schedule 3, Column 12, Plant Exposed to Retirement.
Column 3 from Schedule 1, Column 12, Retirements for Each Year.
Column 4 = Column 3 divided by Column 2.
Column 5 = 1.0000 minus Column 4.
Column 6 = Column 5 multiplied by Column 6 as of the Preceding Age Interval.

8.8 Smoothing the Original Survivor Curve

The smoothing of the original survivor curve eliminates any irregularities and serves as the basis for the preliminary extrapolation to zero percent surviving of the original stub curve. Even if the original survivor curve is complete from 100 percent to zero percent, it is desirable to eliminate any irregularities, as there is still an extrapolation for the vintages which have not yet lived to the age at which the curve reaches zero percent. In this study, the smoothing of the original curve with established type curves was used to eliminate irregularities in the original curve.

The Iowa type curves are used in this study to smooth those original stub curves which are expressed as percentages surviving at ages in years. Each original survivor curve was compared to the Iowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7, and 8, the original curve developed in Schedule 4 is compared with the L, S, and R Iowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0.

In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1 are drawn for comparison purposes. It is probable that the 12-R1 Iowa curve would be selected as the most representative of the plotted survivor characteristics of the group.

FIGURE 6: ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH A L1 IOWA TYPE CURVE ORIGINAL AND SMOOTH SURVIVOR CURVES

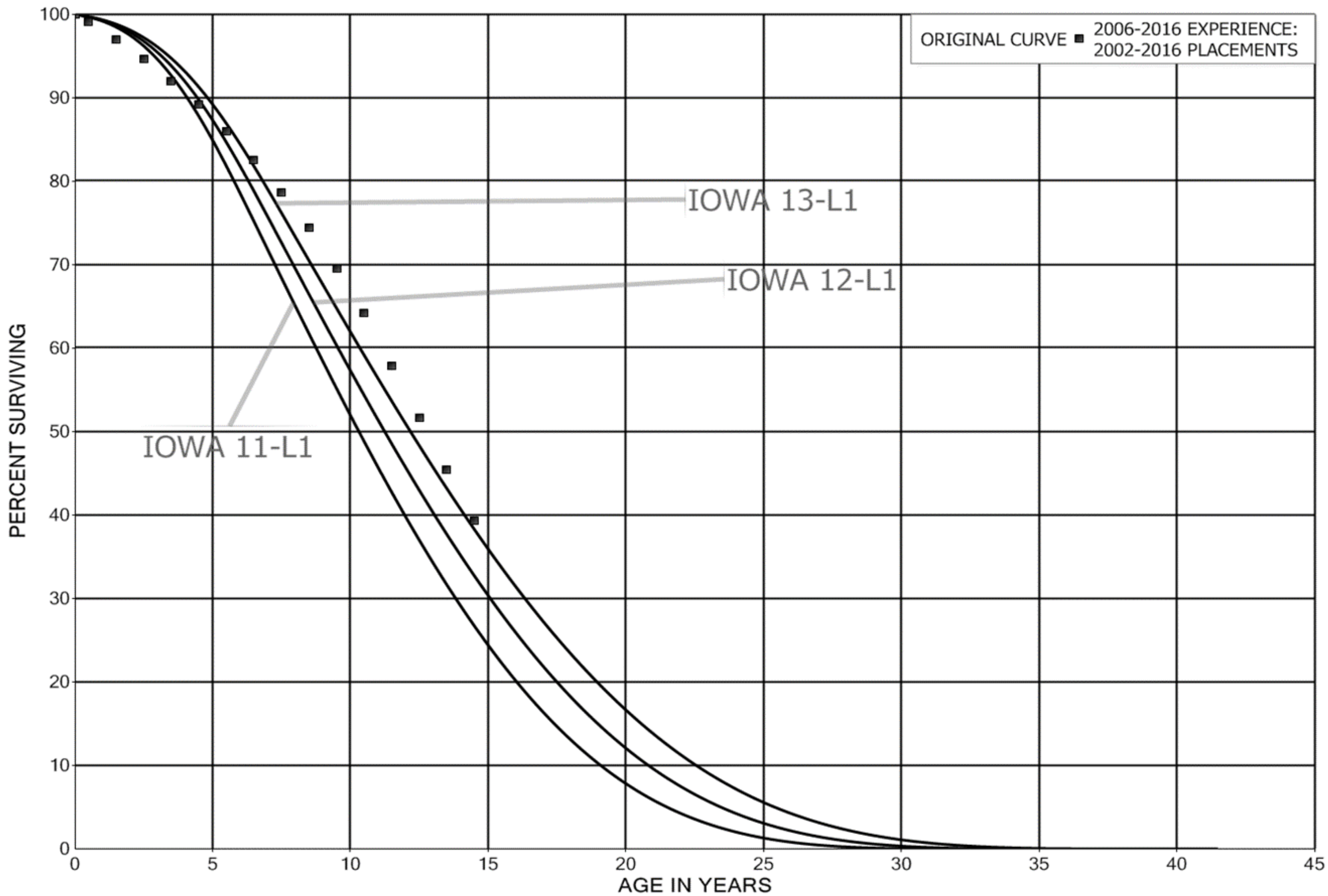


FIGURE 7: ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH A S0 IOWA TYPE CURVE ORIGINAL AND SMOOTH SURVIVOR CURVES

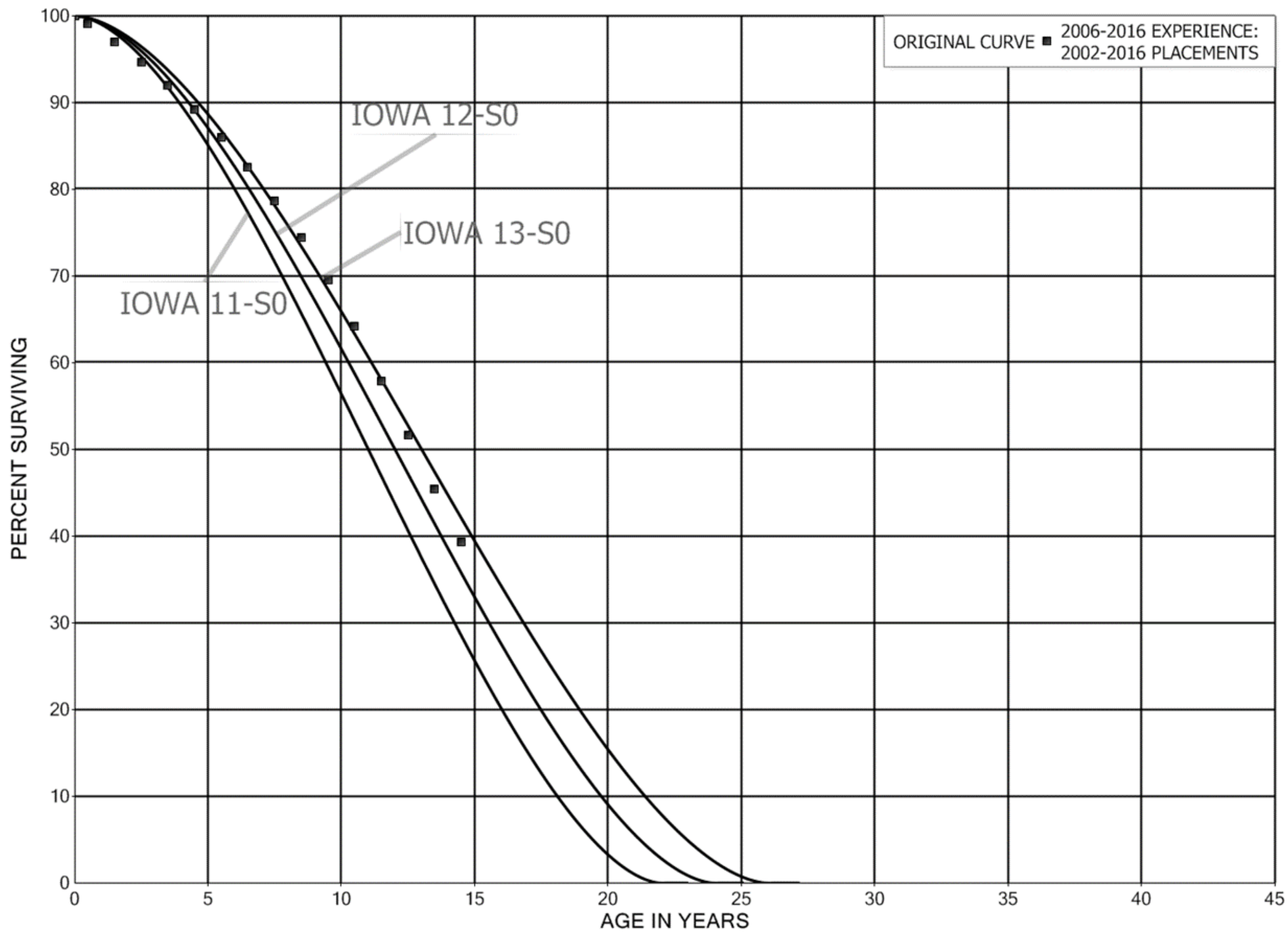


FIGURE 8: ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH A R1 IOWA TYPE CURVE ORIGINAL AND SMOOTH SURVIVOR CURVES

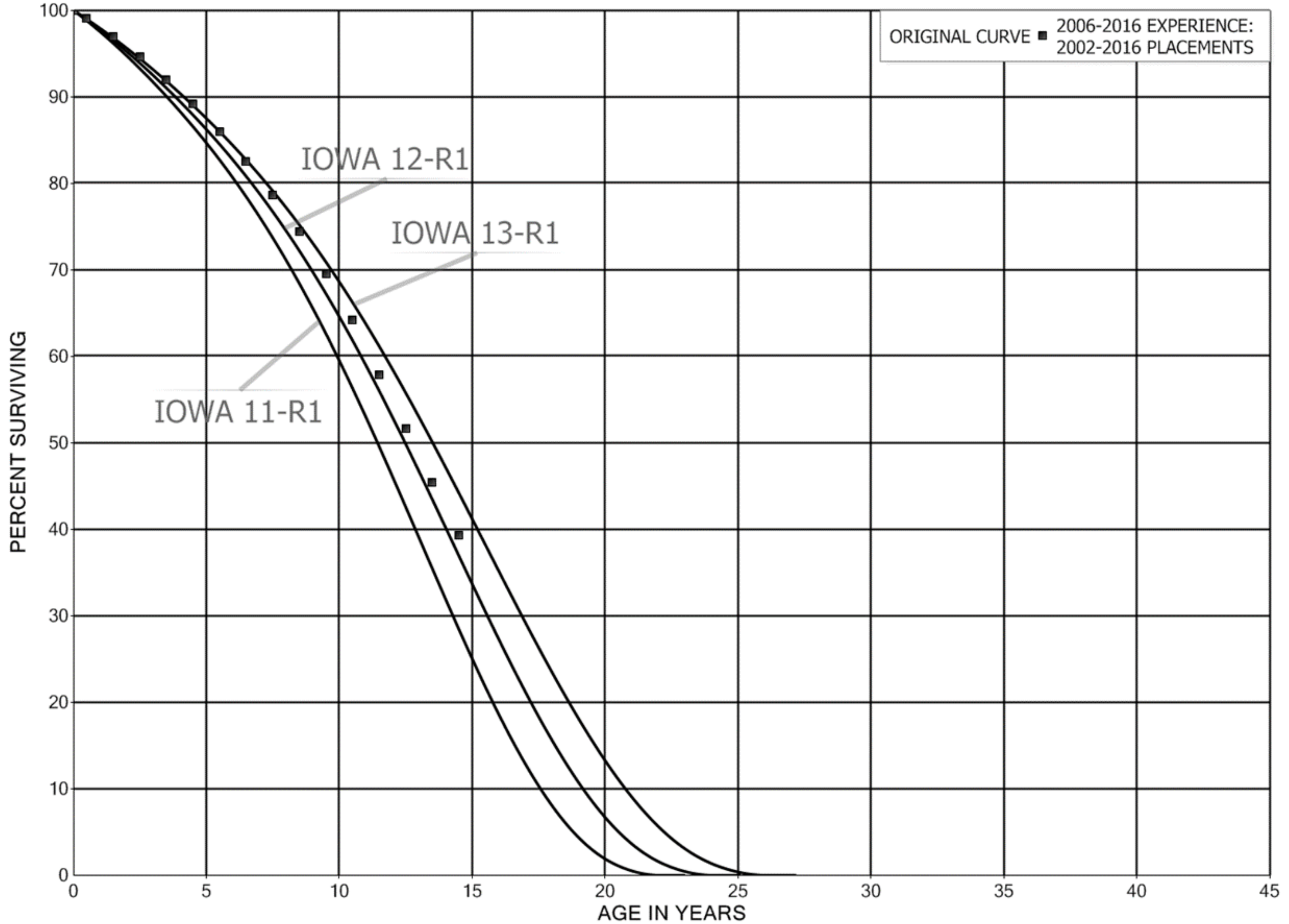


FIGURE 9: ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH A L1 IOWA TYPE CURVE ORIGINAL AND SMOOTH SURVIVOR CURVES

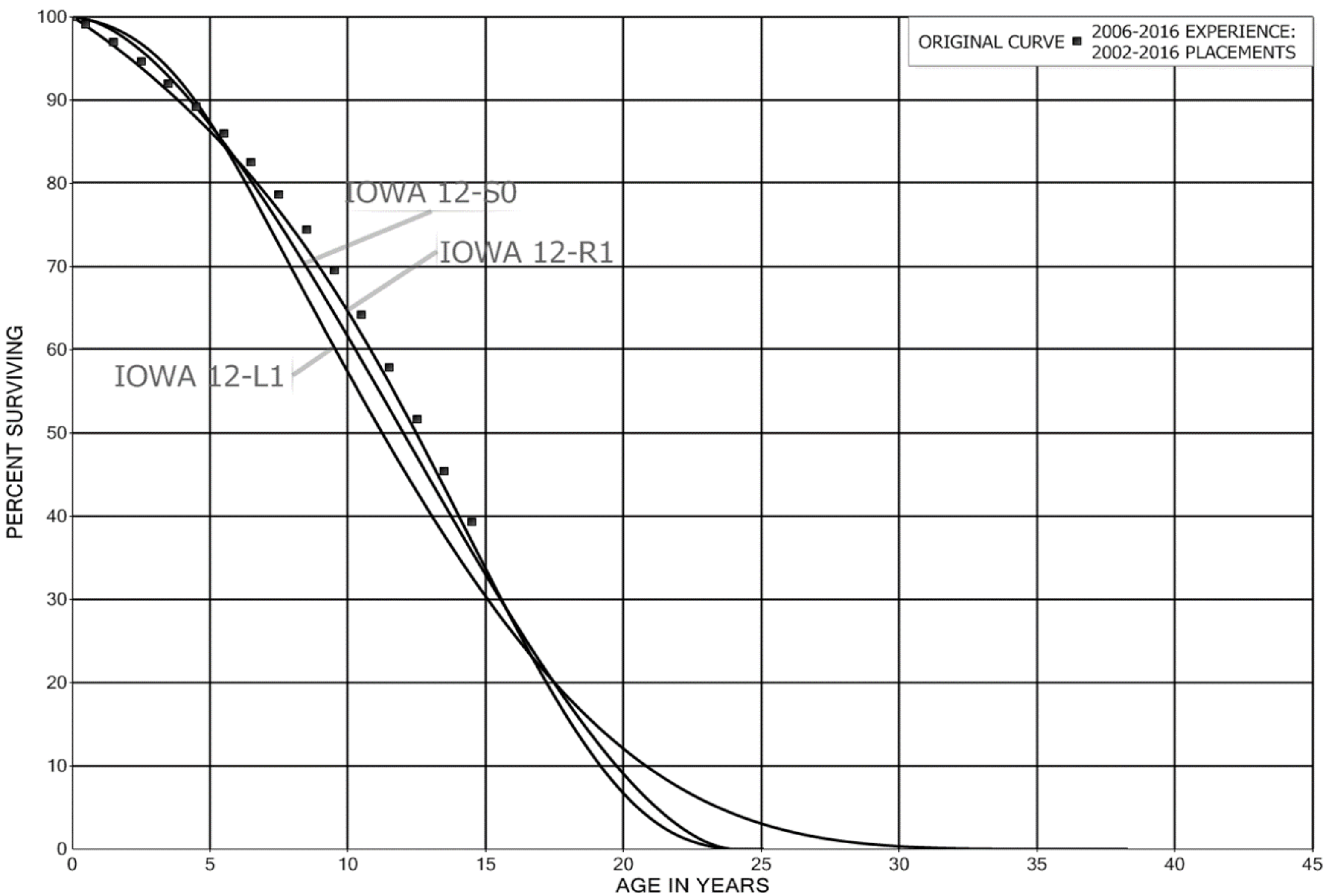


Exhibit 9

Amortization of Muskrat Falls PPA Sustaining Capital Deferral Memorandum

M E M O R A N D U M

TO: Newfoundland and Labrador Hydro

FROM: Amanda Nori, Assistant Vice President

DATE: March 4, 2026

ATTN: Jason Riddle, Controller Lower Churchill & Senior Manager Capital

RE: **Amortization of Muskat Falls PPA Sustaining Capital Deferral**

It is the understanding of Concentric that Newfoundland and Labrador Hydro ("Hydro") is responsible for funding sustaining capital expenditures related to the Labrador Transmission assets and Muskrat Falls generating assets. These sustaining capital charges are included in the Muskrat Falls Power Purchase Agreement ("Muskrat Falls PPA") invoices charged to Hydro on a monthly basis. This agreement requires Hydro to make operating cost payments, which include sustaining capital contributions as they are incurred for the Muskrat Falls generating assets and the Labrador Transmission assets.

On July 29, 2021, Hydro filed an application with the Newfoundland and Labrador Board of Commissioners of Public Utilities ("Board"), that included requesting the approval of a Muskrat Falls PPA Sustaining Capital Deferral Account. The purpose of the deferral account was to defer the sustaining capital contributions so that they could recognized in a manner that would match the timing of the benefit they provide to customers as opposed to recognizing as operating expenses as incurred. The PUB approved the Muskrat Falls PPA Sustaining Capital Deferral Account in Order No. P.U. 33(2021) with the understanding that a decision would be made in Hydro's next general rate application as to how the deferred sustaining capital contributions should be recovered from customers.

It is the understanding of Concentric that Hydro will be using the composite average service lives of the Muskrat Falls generating assets and the Labrador Transmission assets to amortize these deferred sustaining capital contributions. As calculated by Hydro, the composite average service lives of the Muskrat Falls generating assets and the Labrador Transmission assets are 1.42% and 1.71%, respectively. The resultant amortization expense will be included in the requested revenue requirement of Hydro's next general rate application.

Capital costs are normally recognized as over the expected service life of the asset. The use of a reasonable average service life estimate will provide for a reasonable annual recognition of the consumption of the economic benefit of the contributed assets. While the mix of useful lives of the assets funded by the sustaining capital contributions may differ from than the overall mix of useful lives of the total Muskrat Falls generating assets and the Labrador Transmission assets, it should be a reasonable proxy of the useful lives of the deferral account without creating large annual fluctuations in amortization rates used. Concentric supports Hydro's proposed treatment for recovery of the deferred sustaining capital contributions and would recommend the use of the overall composite average service lives as a reasonable estimate of the amortization rate of the deferred sustaining capital contributions.

Exhibit 10

Deferral Account Definitions

Muskrat Falls PPA Sustaining Capital Deferral Account Definition

newfoundland labrador hydro

Muskrat Falls PPA Sustaining Capital Deferral Account Definition

This account shall be charged with the costs incurred by Newfoundland and Labrador Hydro ("Hydro") in accordance with the terms of the Muskrat Falls Power Purchase Agreement ("PPA") associated with Hydro's funding of sustaining capital for the Muskrat Falls Hydroelectric Generating Facility ("Muskrat Falls Plant") and Labrador Transmission Assets ("LTA"). The amount charged to this account will include the amount of payments for the sustaining capital and the interest during construction incurred by Hydro, as calculated in accordance with Hydro's Capitalization Guidelines.

This account will be charged at the conclusion of each calendar month based upon the following:

Monthly Transfer = Hydro's Actual Monthly Sustaining Capital Payments for the Muskrat Falls Plant and LTA + Hydro's Allowance for Funds Used During Construction.

Disposition of any Balance in this Account

The balance in this account will be amortized based on the composite depreciation rate of the Muskrat Falls Plant and LTA approved by the Board of Commissioners of Public Utilities, commencing the year after expenditure.

Electrification Cost Deferral Account Definition

Newfoundland and Labrador Hydro
Electrification Cost Deferral Account Definition

This account shall be charged with the costs incurred by Newfoundland and Labrador Hydro ("Hydro") in implementing the Customer Electrification Program Portfolio in accordance with Board of Commissioners of Public Utilities ("Board") Orders and approved electric vehicle charging infrastructure capital costs until otherwise ordered by the Board.

Electrification program costs include: detailed program development, promotional materials, advertising, pre- and post-customer installation checks, incentives, processing applications and incentives, training of employees and trade allies, program evaluation costs and the costs to operate Company-owned charging stations that have been approved for recovery by the Board.

This account shall also be charged with the costs of major studies such as pilot programs, comprehensive customer surveys and potential studies that cost greater than $100,000.

This account shall be credited with the receipt of funding, contributions or grants, related to deferred electrification program costs and electric vehicle charging infrastructure capital costs, as well as any revenues associated with the operation of Company-owned charging stations that have been approved for recovery by the Board.

The account shall exclude electrification expenditures that are general in nature and not associated with a specific electrification program, such as costs associated with providing electrification awareness, and general planning, research and supervision costs.

The account shall be increased (reduced) by an interest charge (credit) on the balance in the account at the beginning of the month, at a monthly rate equivalent to the mid-point of the Company's allowed rate of return on rate base. The account will not be included in the Company's calculation of rate base until otherwise ordered by the Board.

This account will maintain a linkage of all costs recorded in the account to the year the cost was incurred.

Electrification Cost Recovery

The Electrification Cost Recovery Adjustment, expressed in cents per kWh, will be calculated to provide for the recovery of costs charged annually to the Electrification Cost Deferral Account ("ECDA") over a ten-year period.

The Electrification Cost Recovery Adjustment will be calculated to recover the sum of individual amounts representing 1/10th of the transfer to the ECDA for the previous year.

There will be different Electrification Cost Recovery Adjustments for Island Industrial Customers and Newfoundland Power. The Electrification Cost Recovery Adjustment for Island Industrial Customers will be calculated based upon the Island Interconnected Recoverable Amount allocated for recovery from Island Industrial Customers. The ECDA Cost Recovery Adjustment for Newfoundland Power will be calculated based upon the allocated Island Interconnected Recoverable Amount to Newfoundland Power (including the allocated Island Interconnected Hydro Rural Amount) plus the allocated Hydro Rural Isolated System amount to Newfoundland Power.

Assignment of Customer Balance for Recovery

The Island Interconnected Recoverable Amount will be allocated among the Island Interconnected customer groups of (i) Newfoundland Power, (ii) Island Industrial Firm, and (iii) Rural Island Interconnected. The allocation will be based on percentages of previous calendar year sales for Utility Firm invoiced energy, Industrial Firm invoiced energy, and Rural Island Interconnected bulk transmission energy.

The portion of the Island Interconnected Recoverable Amount, which is initially allocated to Rural Island Interconnected, will be added to the Hydro Rural Isolated System Recoverable Amount, and then re-allocated between Newfoundland Power and regulated Labrador Interconnected customers in the same proportion in which the Rural Deficit was allocated in the approved Test Year Cost of Service Study.

The portion of the Recoverable Amount which is re-allocated to Labrador Interconnected customers shall be charged to the ECDA for future recovery from customers on the Labrador Interconnected System.

Electrification Cost Recovery Adjustment

Newfoundland Power

The adjustment rate for each year will be determined as follows:

$$B = (C \div D)$$

Where:

B = Adjustment rate (¢ per kWh) for the 12-month period commencing the following July;

C = Recoverable Amount assigned to Newfoundland Power from the previous calendar year; and

D = Firm energy sales (kWh) to Newfoundland Power for the previous calendar year.

Island Industrial Customers

The adjustment rate for each year will be determined as follows:

$$E = (F \div H)$$

Where:

E = Adjustment rate (¢ per kWh) for the 12-month period commencing the following July;

F = Recoverable Amount assigned to Industrial customers from the previous calendar year; and

H = Firm energy sales (kWh) to Industrial customers for the previous calendar year.

Long-Term Supply Cost Variance Deferral Account Definition

Newfoundland and Labrador Hydro
Long-Term Supply Cost Variance Deferral Account Definition

Newfoundland and Labrador Hydro's ("Hydro") Long-Term Supply Cost Variance Deferral Account is established to smooth rate impacts for Hydro's Utility customer, Newfoundland Power Inc. ("Newfoundland Power"), and Island Industrial customers and to provide Hydro the opportunity to recover supply cost variances between the forecasts reflected in customer rates and the actual costs incurred.

The formulae used to calculate the account's activity are outlined below. Positive values denote amounts owing from customers to Hydro, whereas negative values denote amounts owing from Hydro to customers.

Section A

1.0 Muskrat Falls Project ("Project") Cost Variances

The **Project Cost Variances** will reflect the variance from test year costs for the Muskrat Falls Purchase Power Agreement ("PPA") and the Transmission Funding Agreement ("TFA").

Project Cost Variances will be calculated monthly based on the following formula:

$$(A - A_T) + (B - B_T)$$

Where:

A = Actual Purchased Power Expense from Muskrat Falls PPA Charges;

A_T = Test Year Purchased Power Expense from Muskrat Falls PPA Charges;

B = Actual Purchased Power Expense from TFA Charges; and

B_T = Test Year Purchased Power Expense from TFA Charges.

2.0 Rate Mitigation Fund Variances

The Rate Mitigation Fund Variance will be calculated monthly based on the following formula:

$$(R_T – R)$$

Where:

R_T = Test Year Rate Mitigation ($); and

R = Actual Rate Mitigation ($).

3.0 Project Cost Recovery

Charges applied to customers to recover Project costs will be credited to the **Project Cost Recovery** component of the deferral account and tracked by customer class.

4.0 Holyrood Thermal Generating Station ("Holyrood TGS") Fuel Cost Variance

Holyrood TGS Fuel Cost Variances will be calculated monthly based on the following formula:

$$(C - C_T)$$

Where:

C = Actual Holyrood TGS Fuel Cost incurred in the month to supply firm energy to customers on the Island Interconnected System; and

C_T = Test Year Holyrood TGS Fuel Cost in the month to supply firm energy to the customers on the Island Interconnected System.

5.0 Other Island Interconnected System Supply Cost Variance

The account shall be charged or credited monthly with the **Other Island Interconnected System Supply Cost Variance** incurred by Hydro on the Island Interconnected System that is in excess of the Cost Variance Threshold in the calendar year.

Variations resulting from both the price and volume of the following thermal generation sources shall be charged or credited to this account:

- Holyrood Combustion Turbine;
- Hardwoods Gas Turbine;
- Stephenville Gas Turbine;
- St. Anthony Diesel Plant; and
- Hawkes Bay Diesel Plant.

Variations resulting from the volume of the following on-island power purchases shall be charged or credited to this account:

- Exploits;
- Star Lake;
- Rattle Brook;
- Corner Brook Pulp and Paper Limited ("CBPP") Cogeneration;

- St. Lawrence wind; and
- Fermeuse wind.

Variations from the price and volume of firm energy power purchases from CBPP shall be charged or credited to this account.

Variations resulting from the cost of off-island power purchases shall also be charged or credited to this account. Off-island power purchase costs shall not include any expenditure related to Muskrat Falls PPA, TFA or the Interim TFAs.

The **Other Island Interconnected System Supply Cost Variance** will be determined monthly by the following formula:

D + E + F + G

D = Test Year Thermal Generation Variances resulting from both price and volume.

Where:

D = (Actual Thermal Generation Cost in providing firm energy – Test Year Thermal Generation Cost).

E = Test Year Off-Island Power Purchase Variances resulting from both price and volume.

Where:

E = (Actual Off-Island Power Purchase Cost – Test Year Off-Island Power Purchase Cost).

F = Test Year Power Purchase Variances resulting from volume;

Where:

F = (Actual kWh Purchases – Test Year kWh Purchases) x (Test Year Purchase Cost in $/kWh).

G = Variances based on firm energy purchases from CBPP.

Where:

G = (Actual CBPP Power Purchase Cost – Capacity Assistance Adjustment) – (Test Year CBPP Firm Energy Power Purchase Cost).

"Capacity Assistance Adjustment" shall represent any change in fixed capacity assistance payments as a result of firm energy purchases from CBPP.

The **Cost Variance Threshold** equals ±$500,000[1] in a calendar year.

[1] The effective date of the cost variance threshold commenced January 1, 2022.

6.0 Net Revenue from Exports Variance

The **Net Revenue from Exports Variance** is computed on monthly basis by the following formula:

$$(H_T - H)$$

Where:

Net Revenue from Exports reflects the revenues from Hydro exports less the costs incurred to export energy.

H_T = Test Year Net Revenues from Exports ($); and

H = Actual Net Revenues from Exports ($).

The account will be credited in December with an estimate of net export sales that occurred during the year, but the actual settlement value will not be finalized until the following period. The account will be adjusted in the following period for any difference between the estimated and actual value.

Revenues from non-firm sales on the Island Interconnected System supplied by hydraulic generation will also be credited to the Net Revenue from Exports Variance component.

7.0 Transmission Tariff Revenue Variance

For the purpose of this deferral account, Transmission Tariff Revenues reflect the transmission revenues paid by third parties to enable exports. The ***Transmission Tariff Revenue Variance*** is computed on monthly basis by the following formula:

$$(I_T - I)$$

Where:

I_T = Test Year Transmission Tariff Revenues paid by third parties ($); and

I = Actual Transmission Tariff Revenues paid by third parties ($).

8.0 Load Variation

Firm: Firm load variation is determined based on the revenue variation for firm energy sales compared with the test year Cost of Service Study firm sales. It is calculated separately for Newfoundland Power firm sales and Island Industrial firm sales on a monthly basis, in accordance with the following formula:

$$(J_T - J_A) \times K_R$$

Where:

J_T = Test Year Cost of Service Firm Sales, by customer class (kWh);

J_A = Actual Firm Sales, by customer class (kWh); and

K_R = Firm Energy Rate, by customer class.

Where the rate designs include more than one energy block, the excess energy rate will apply in computing **Load Variation** transfers.

9.0 Rural Rate Alteration

The **Rural Revenue Adjustment** transfers to the Newfoundland Power plan balance: (i) changes in Hydro Rural revenues resulting from changes in Rural Rates between test years; and (ii) changes in Rural revenues on the Island Interconnected System as a result of changes in Rural load between test years. The **Rural Revenue Adjustment** is calculated on a monthly basis, in accordance with the following formula:

$$[(N_T-N_A) \times O_T] + [(P_T-P_A) \times Q_T]$$

Where:

N_T = Test Year Cost of Service rural rates;

N_A = Existing rural rates;

O_T = Test Year Billing Units (kWh, bills, billing demand);

P_T = Test Year kWh sales for Hydro Rural Island Interconnected (excluding street and area lighting);

P_A = Actual kWh sales for Hydro Rural Island Interconnected (excluding street and are lighting); and

Q_T = Test Year rates per class for Rural Island Interconnected System (excluding street and area lighting).

The **Rural Revenue Adjustment** will be allocated between Newfoundland Power and regulated Labrador Interconnected customers in the same proportion that the Rural Deficit was allocated in the approved Test Year Cost of Service Study. The portion allocated to Hydro Rural Labrador Interconnected will be removed from the plan and written off to Hydro's net income (loss).

10.0 Greenhouse Gas Credit Revenues Variance

The **Greenhouse Gas Credit Revenues Variance** is computed on monthly basis, beginning on January 1, 2021, by the following formula:

$$(T_T - T)$$

Where:

T_T = Test Year Greenhouse Gas Credit Revenues ($); and

T = Actual Greenhouse Gas Credit Revenues ($).

Section B

1.0 Plan Balances

Separate plan balances for the Utility and Island Industrial customers will be maintained in this account. Transfers to the Utility balance and the Island Industrial customer balance will reflect the monthly customer allocations of supply variations in the account. Transfers to the Utility balance will also reflect the monthly adjustments for the Rural Rate Alteration.

2.0 Financing Costs

Financing charges on the plan balances will be calculated monthly using Hydro's approved Test Year weighted average cost of capital.

3.0 Monthly Customer Allocation

Each month, the year-to-date variances in the Long-Term Supply Cost Variance Deferral Account will be allocated to demand and energy based on a consistent allocation methodology approved in the Test Year Cost of Service Study for each component, or otherwise approved by the Board for the allocation of the balances in this account.

3.1 Energy Allocation

Each month, the energy costs will be allocated among the Island Interconnected customer groups of (i) Newfoundland Power, (ii) Island Industrial Firm, and (iii) Rural Island Interconnected. The allocation will be based on percentages derived from 12 months-to-date kWh for: Utility Firm invoiced energy, Industrial Firm invoiced energy, and Rural Island Interconnected bulk transmission energy.

The portion of the energy costs which is initially allocated to Rural Island Interconnected will be re-allocated between Newfoundland Power and regulated Labrador Interconnected customers in the same proportion as the Rural Deficit is allocated in the most recently approved Test Year Cost of Service Study.

The current month's activity for Newfoundland Power, Island Industrials and regulated Labrador Interconnected customers will be calculated by subtracting year-to-date activity for the prior month from year-to-date activity for the current month. The current month's activity allocated to regulated Labrador Interconnected customers will be removed from the plan and written off to Hydro's net income (loss).

3.2 Demand Allocation

Each month, the demand costs will be allocated among the Island Interconnected customer groups of (i) Newfoundland Power, (ii) Island Industrial Firm, and (iii) Rural Island Interconnected. The allocation will be based on percentages derived from year-to-date kW for: Utility Firm invoiced monthly billing demand, Industrial Firm maximum invoiced demand multiplied by year-to-date months, and Rural Island Interconnected maximum peak demand multiplied by the year-to-date months.

The portion of the demand costs which are initially allocated to Rural Island Interconnected will be re-allocated between Newfoundland Power and regulated Labrador Interconnected customers in the same proportion as the Rural Deficit is allocated in the most recently approved Test Year Cost of Service Study.

The current month's activity for Newfoundland Power, Island Industrials and regulated Labrador Interconnected customers will be calculated by subtracting year-to-date activity for the prior month from year-to-date activity for the current month. The current month's activity allocated to regulated Labrador Interconnected customers will be removed from the Plan and written off to Hydro's net income (loss).

4.0 Balance Disposition

Disposition of balances in the Supply Cost Variance Deferral Account will be subject to further approval by the Board.

5.0 Balance Transfers

The balances in the Supply Cost Variance Deferral Account shall be adjusted by other amounts as ordered by the Board.

Rural Labrador Interconnected – Revenue Deficiency Deferral Account Definition

Newfoundland and Labrador Hydro
Rural Labrador Interconnected – Revenue Deficiency Deferral Account Definition

This account shall be charged on a monthly basis for the difference between (i) 2027 Test Year revenue calculated at Test Year Rates, and (ii) revenue at Current Rates, with both amounts determined using the 2027 Test Year load.

For the purpose of this calculation, “2027 Test Year Rates” shall mean the rates designed to recover Newfoundland and Labrador Hydro’s (“Hydro”) full revenue requirement associated with Rural Labrador Interconnected customers. “Current Rates” shall mean the rates in effect for such customers at the time of calculation, reflecting the phased implementation of the 2027 Test Year rate increase at an average annual rate of 2.25%, in accordance with Hydro’s 2026 General Rate Application.

The monthly adjustment, commencing with the implementation of the 2027 Test Year rates,[1] will be determined as follows:

$$A = (B \times C) - (B \times D)$$

Where:

A = Monthly revenue adjustment;

B = 2027 Test Year Load, by rate class, for Rural Labrador Interconnected customers;

C = 2027 Test Year Rates, by rate class; and

D = Current Rates, by rate class.

The monthly revenue adjustment will continue until such time as the balance in the account is reduced to zero or final disposition of the balance is approved by the Board of Commissioners of Public Utilities.

[1] The adjustment for the 2027 Test Year will be for 12 months.

Exhibit 11

Holyrood Thermal Generating Station Accelerated Depreciation Deferral Account Memo

newfoundland labrador hydro

MEMO

Date: March 25, 2026

Subject: ***Holyrood Thermal Generating Station Accelerated Depreciation Deferral Account***

Background

In 2021, Hydro projected a material increase in depreciation expense for the Holyrood TGS assets due to the anticipated end-of-generation date and the use of accelerated depreciation. This increase was not reflected in customer rates at that time. Accordingly, Hydro filed an application seeking approval of the Holyrood TGS Accelerated Depreciation Deferral Account to defer the difference between the actual accelerated depreciation expense incurred in 2022 and the depreciation expense for Holyrood TGS assets included in approved test year costs.

The Board approved Hydro's application in Order No. P.U. 33(2021).[1]

In 2022, Hydro filed an application requesting approval of a revision to the definition of the Holyrood TGS Accelerated Depreciation Deferral Account, effective January 1, 2022, to permit variances in excess of $2.5 million for 2022 and for 2023, if 2023 was not a test year. The Board approved this application in Order No. P.U. 4(2022).

In 2023, Hydro filed an application seeking approval to extend the operation of the Holyrood TGS Accelerated Depreciation Deferral Account to continue deferring the difference between actual accelerated depreciation expense for Holyrood TGS and approved test year depreciation costs until the end-of-steam generation date.[2]

As part of that proceeding, the Island Industrial Customer Group submitted that a one-year extension of the deferral account would be reasonable if 2024 was not a test year; however, argued that Hydro had not justified an indefinite deadband of $2.5 million per year, potentially extending to 2030, which could accrue to Hydro's substantial benefit if positive variances continued.[3] The Island Industrial Customer Group submitted that Hydro should be required to file evidence supporting any continued deadband included in the deferral account definition, including an updated table extended to 2030, consistent with Table 1 from Hydro's January 1, 2022 application.

[1] In Order No. P.U. 33(2021), the Board approved the establishment of a Holyrood TGS Accelerated Depreciation Deferral Account to defer differences in excess of $2.5 million between the test year accelerated depreciation expense.

[2] As per "Reliability and Resource Adequacy Study Review – 2022 Update," Newfoundland and Labrador Hydro, October 3, 2022, the Holyrood TGS shall remain available for a "Bridging Period" until 2030, or until such time that sufficient alternative generation is commissioned, adequate performance of the LIL is proven, and generation reserves are met.

[3] There was no change to the deadband proposed in Hydro's application to extend the account in 2023.

The Board approved Hydro's application in Order No. P.U. 1(2024) and directed that the Island Industrial Customer Group's concerns regarding the deadband and the extension of the deferral account be reviewed as part of Hydro's next GRA. The Board directed Hydro to file a report on the activity and operation of the deferral account with the next GRA.

The purpose of this memorandum is to address the Board's direction.

Operation of the Holyrood TGS Accelerated Depreciation Deferral Account

Table 1 outlines the actual deferred balances for the years 2022 through 2025, the 2026 Forecast, and the 2027 Test Year. As shown, the forecasted balance of the Holyrood TGS Accelerated Depreciation Deferral Account as of December 31, 2027, is a regulatory liability of $11.4 million owing to customers. Also included in Table 1 are forecasts for the operating years 2028 through 2030,[4] which are based on the 2027 Test Year as the approved test year.

Table 1: Holyrood TGS Accelerated Depreciation Deferral 2022–2030 ($000)

	2022 Actual	2023 Actual	2024 Actual	2025 Actual	2026 Forecast	2027 Test Year	2028 Forecast	2029 Forecast	2030 Forecast
Actual Depreciation	14,135	4,902	10,158	16,196	22,122	29,200	43,474	55,241	13,810
Test Year Depreciation	16,940	16,940	16,940	16,940	16,940	29,200	29,200	29,200	7,300
Variance	(2,805)	(12,038)	(6,782)	(744)	5,182	-	14,274	26,041	6,510
Deadband	2,500	2,500	2,500	2,500	(2,500)	(2,500)	(2,500)	(2,500)	(2,500)
Deferral Amount	**(305)**	**(9,538)**	**(4,282)**	**-**	**2,682**	**-**	**11,774**	**23,541**	**4,010**
Cumulative Balance	**(305)**	**(9,843)**	**(14,125)**	**(14,125)**	**(11,443)**	**(11,443)**	**331**	**23,872**	**27,882**

Hydro acknowledges that the operating years 2022 through 2024 reflect positive variances within the deferral account, with the deadband accruing to Hydro's benefit, as noted by the Island Industrial Customer Group. However, beginning in 2026 and continuing through the operating years 2028 through 2030, Hydro forecasts that the deferral account balance will shift to a negative variance, to the benefit of customers. These negative variances are expected to largely offset the positive variances recognized by Hydro to date.

This shift is primarily driven by Holyrood TGS capital projects completed in the later years of the assets' service lives, which are subject to significantly higher depreciation rates. Hydro's capital additions for Holyrood TGS are informed by Life Extension Condition Assessment studies performed by Hatch Ltd. originally in 2021[5] and refreshed in 2024.[6] For example, capital projects forecast to be placed in service at the end of 2027 are assumed to be depreciated over approximately two years.

[4] Balance to March 31, 2030.

[5] "*Reliability and Resource Adequacy Study Review* – Assessment to Determine the Potential Long-Term Viability of the Holyrood Thermal Generating Station," Newfoundland and Labrador Hydro, March 31, 2022, att. 2.

[6] "*Reliability and Resource Adequacy Study Review* – Holyrood Thermal Generating Station Capital Plan Refresh," Newfoundland and Labrador Hydro, March 7, 2025, att. 1.

Hydro forecasts Holyrood TGS accelerated depreciation of $43.5 million in 2028, $55.2 million in 2029, and $13.8 million in the first quarter of 2030. As shown in Table 1, the resulting impact on the deferral account is a forecast regulatory asset, receivable from customers, of $27.9 million at March 31, 2030.

There is currently no proposed or approved method or timing for the disposition of the Holyrood TGS Accelerated Depreciation Deferral Account. While Hydro has assumed an end-of-steam generation date of March 31, 2030 for forecasting purposes, this date is an assumption only and is consistent with prior evidence that Holyrood TGS will remain available through the Bridging Period.[7]

The actual retirement date of Holyrood TGS will be dependent on the timing and in-service status of replacement generation, such as Hydro's proposed system additions in its 2025 Build Application,[8] which includes the Avalon CT and Bay d'Espoir Unit 8, the regulatory proceeding for which is ongoing.

Given this uncertainty, Hydro has not proposed the disposition of the Holyrood TGS Accelerated Depreciation Deferral Account as part of the 2026 GRA. The appropriateness, timing, and structure of any recovery proposal will be influenced by several factors that remain uncertain at this time, including the actual retirement date of Holyrood TGS, the magnitude of the final deferral account balance, and whether that balance ultimately represents a regulatory asset recoverable from customers or a regulatory liability owing to customers. Hydro submits that it would be premature to advance a recovery proposal absent clarity on these key drivers and will address disposition of the deferral account in a future filing.

[7] *Supra,* f.n. 2.

[8] "2025 Build Application – Bay d'Espoir Unit 8 and Avalon Combustion Turbine," Newfoundland and Labrador Hydro, March 21, 2025.

Exhibit 12

Costing and Pricing for Deferral Accounts Report

Costing and Pricing for Deferral Accounts

for
Newfoundland and Labrador Hydro

by

Bruce Chapman

With the assistance of
Michael Vigdor

April 16, 2025

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Costing and Pricing for Deferral Accounts

for

Newfoundland and Labrador Hydro

by

Christensen Associates Energy Consulting, LLC

April 16, 2025

1. INTRODUCTION

Newfoundland and Labrador Hydro (Hydro) initiated the Supply Cost Variance Deferral (SCVD) account to manage cost under- and over-recovery associated with the Muskrat Falls project. That project's contractual terms require that its customers begin paying for the project upon initiation of service. Beginning in November 2021, Hydro began using the SCVD account to compute customer responsibility to match billings to costs. At then-current rates, the account quickly began to accumulate under-recovered costs. The issue arose as to what each rate class's responsibility for those costs should be.

This report reviews Hydro's options for costing and pricing of the amounts in the SCVD account, bearing in mind their potential variability and the limitations on revenue imposed by the rate mitigation arrangement agreed with the province. The report first sets out the issues involved and describes the components of the SCVD account and then presents the alternatives for costing and pricing that comport with cost allocation and rate design theory. The next section documents research on how deferred costs are handled within the North American utility industry at present. A section illustrating the significance in billings of alternative approaches to the problem follows. The report concludes with recommendations regarding costing and pricing of SCVD amounts.

2. ISSUES AND PRICING ALTERNATIVES

Cost Recovery Outside Rates

Deferral accounting is a standard component of utility costing methods. Because the timing of payments for goods or services cannot always coincide with their actual delivery, the matching principle requires that utilities shift the timing of cost recovery and disbursement to match the timing of services rendered.

A related problem for utilities is that their pricing is determined in periodic, infrequent rate applications. Under-recovery of revenues that triggers a rate application offers delayed relief.

When expenses are large, variable, and beyond the control of the utility, the convention of using riders to adjust pricing and revenue recovery at regular intervals between rate applications has developed. The leading example of such an approach is a fuel cost recovery rider, whose price for fuel and purchased power can be changed at regular intervals to counteract over- and under-recovery of costs. More generally, riders have come to serve a wide variety of cost recovery purposes, including recovery of fixed costs for a period of time where the costs are deemed not to belong in revenue requirements. (An example of such a cost is nuclear decommissioning costs. The plant is no longer used and useful and yet cost recovery must continue while decommissioning occurs.)

Issues of both timing matching and cost variability can be found with Hydro's new SCVD account. Muskrat Falls costs are largely fixed and have already been incurred, but cost recovery ought, by normal costing practice, to be recovered based on customer usage and peak demand levels. Since these can be forecasted but not observed until after the fact, and since costs in revenue requirements supporting rates are based on forecasts, there will develop discrepancies between cost recovery and cost obligation. These discrepancies can be both variable around a forecasted level or path and can depart systematically from the path if actual usage is systematically greater or less than forecasted.

Components of the SCVD Account

Hydro's SCVD account consists of several components, some pertaining directly to the Muskrat Falls project and its associated transmission investments, with the rest pertaining to other generation-related costs and revenues. Some components are cost-related while others are revenue-related. Cost increases are recorded as positive while revenue increases are recorded as negative; that is, a positive number across all components is an underage to be recovered while a negative is an overage to be reimbursed.

Table 1 provides a summary of the account's components, organized in the manner presented by Hydro in its computations. Cost-related calculations are based on the difference between actual and baseline costs, with the result that costs above those included in rates are identified as positive amounts owed by customers to the utility. Revenue-related calculations are based on the difference between baseline and actual revenues, with the result that higher than expected revenues yield a negative amount owed by the utility to the customers. The total across all components is just the net owed by customers to the utility. (The component numbers in the leftmost column are as identified in Hydro's SCVD account definition document.[1]) Also, while the SCVD account includes in its listing project cost recovery from the utility and industrial classes, these costs are recovered via a separate rider, the Project Cost Recovery rider, and are listed as reductions in customer obligations in the deferral account.

The focus of the deferral components is generation costs, including the transmission costs that can be viewed as generation-related since the Labrador-Island Link has the sole function of

[1] Newfoundland and Labrador Hydro, *Supply Cost Variance Deferral Account Definition*, Schedule A, Order No. P.U. 4 (2022), Effective Nov. 1, 2021. One component, no. 9, Rural Rate Alteration, does not appear in the table, presumably not having appeared the calculations so far. This component is revenue-related: rate increases reduce need to recover revenue. This component applies to the Utility customer only.

delivering Muskrat Falls power to the Island grid. The issue is how to structure the SCVD account's pricing to recover costs (and credit overages).

Table 1
SCVD Account Component Characterization

No.	Component	Cost-Related	Revenue-Related
1	Muskrat Falls Deferral Cost Variance	x	
6	Net Revenue from Exports Variance		x
7	Transmission Tariff Revenue Variance		x
	Muskrat Falls Project Costs	sum of above	
2	Rate Mitigation Fund		x
4	Holyrood Fuel Cost Variance	x	
3	Project Cost Recovery		
	Utility Customer		x
	Industrial Customers		x
5	Other IIS Supply Cost Variance	x	
8	Load Variance		
	Utility Customer		x
	Industrial Customers		x
10	Greenhouse Gas Credit Variance		x
	Total	sum of above	

The "Other IIS Supply Cost Variance" component contains several subcomponents: thermal and wind costs, plus off-island and on-island purchases.

Costing and Pricing Alternatives

Traditional methods of cost recovery for departures of actual costs from the costs incorporated in revenue requirements and rates usually involve simple usage charges applicable to all customer loads. Computationally, the utility simply observes the difference between actual and forecasted cost recovery and divides this difference, positive or negative, by actual historical or forecasted total consumption to get a per-kWh price applicable to all customers. This price is adjusted by the overage or underage from the previous pricing period, again divided by the usage total. Under this scheme the utility posts a single per-kWh rider price applicable to all customers. Over time, the price oscillates around the expected level.

One problem with this approach is that an energy-only cost allocation and charging mechanism will usually be at variance with the generation costing methods of the cost-of-service (COS) study that underpins rates. Generation cost classification within COS studies has traditionally offered utilities a broad range of alternatives. An early approach was to classify generation rate base and generation non-fuel expenses as 100% demand-related, and then allocate costs to class via a conventional demand allocator, typically a version of coincident peak (CP).

Over time, demand- and energy-related methods became common, to allow for the distinction between peak-related and base-load generation facilities, with the former being deemed demand-related and the latter energy-related. Demand-related costs were then allocated to class using a CP allocator and energy-related costs were allocated based on total annual usage. The NARUC COS Manual documents this range of methodology alternatives in detail.[2]

Fuel costs and power purchases were usually deemed exclusively energy-related. Some utilities would include forecasted fuel consumption in rates and then provide a fuel adjustment charge/credit rider for departures from forecast due consumption or fuel price variation. Others would exclude all fuel and power purchases from rates and apply a fuel cost recovery rider to recover full costs. Regardless of the method, energy-only pricing was the norm.

The increasing importance of power purchases, and the use of both demand and energy pricing in purchase contracts, has caused utilities to reconsider how to treat this rider item. Since some power purchases have a capacity-related component, a share of demand-related costs has come to be collected via a per-kWh price. If various rate classes have differences in peak coincidence or load factor, then implicit cost shifting can occur with respect to the demand-related component of fuel cost recovery. One issue is whether the cost shift is significant enough to make price differentiation across customers within the fuel rider worth the increase in rate complexity.

A remedy for this costing problem is to apply the cost classification and allocation principles of revenue requirements to fuel and purchased power. The result is separate class-based calculation of revenue recovery and separate pricing. The pricing can be energy-only or involve demand-and-energy pricing. The former is comparable to past practice but the prices are now class-specific. The latter approach requires metering and data management capability, and would apply only in cases where customers are demand metered, leaving customers with energy-only rates on an energy-only rider.

Class-specific energy-only pricing resolves issues of cost shifting between classes. Classes that are more peak coincident will be revealed to have a higher cost to serve with respect to rider costs, and will have a higher (or a less negative) energy price than other customer classes. Demand-and-energy pricing will not only resolve interclass cross subsidy, but it will also improve the match of customer bills with cost to serve within class. High load factor customers will not cross-subsidize low load factor customers under conditions of cost recovery. Again, whether this benefit is worth the extra complication is an issue.

3. JURISDICTIONAL REVIEW

If Hydro is to consider modifications to its cost allocation and pricing of deferred amounts, it would be helpful to know about experience elsewhere. This project investigated deferral account practices primarily in Canada, and found helpful examples in the US as well. Most electric utilities have riders whose purpose is to collect revenues or provide credits associated with revenues and costs not found in the COS study and recovered in standard rates.

All riders are, at least indirectly, mechanisms for engaging in deferral accounting, since they change the timing and incidence of costs and revenues. The most common rider, a fuel adjustment charge, corrects the original recovery of fuel costs based on forecasted fuel prices by

[2] National Association of Regulatory Utility Commissioners, *Electric Utility Cost Allocation Manual*, January 1992, Chapter 4.

imposing a fuel charge or credit per kWh on all customers, typically with a one-quarter to one-year lag. Similarly, a fuel cost recovery rider uses similar lags to recover fuel and purchased power costs with some degree of lag. Other riders, which serve a wide variety of purposes, recover costs or provide credits according to a fixed cost allocation and timing pattern, as approved by the regulator. Often the deferral of collection or payment is not a primary consideration but instead an incidental outcome of the calculation of the price once actual, as opposed to forecast, information is known.

Hydro's circumstances in the case of the SCVD account are similar: the objective is to charge or credit customers based on the difference between actual and forecast costs or revenues. Thus, experiences elsewhere with riders and deferral accounts are likely to be germane to Hydro's issue of how to allocate costs and revenues and charge/credit customers to achieve accurate billing.

Canadian Practices

Table 2 presents a summary of the use of deferral accounting in Canada, covering the main electric utilities in each province, from west to east. The table reveals that deferral provisions are common across the country, but not universal. Most use a simple energy charge as the basis for cost recovery/crediting of excesses.

The exception is BC Hydro, which uses a percentage-of-bill approach to scale up/down bills, excluding taxes and fees. The utility has two riders, the Deferral Account Rate rider and the Trade Income Rate rider, which are of this form. The latter covers net revenues from its wholesale trades while the former covers all other adjustment items. The Deferral Account Rate rider captures deferrals from about thirty separate accounts. These expenditures cover everything from storm cost recovery to grid enhancement costs. In both cases, the percentage methodology is supported by a costing approach that permits allocation to class on the basis of customer, demand, and energy allocators. However, this does not appear to apply, since the outcome in this case is a uniform percentage across all classes.

Fortis BC and Fortis Alberta use the conventional energy-only approach to rider pricing. Other Alberta utilities do not make use of a rider but adjust revenue recovery by modifying base revenue requirements. SaskPower currently makes no provision for deferred costs.

Manitoba Hydro identifies deferral accounts by type and petitions the regulator to determine which costs can be incorporated into the rate base, either directly or amortized over time, and which costs can be recovered as riders. Examples of deferral accounts include Demand Side Management expenditures, regulatory costs, site restoration expenditures, deferred taxes and the Purchase Gas Variance Account. Currently Manitoba Hydro has no riders to recover deferred costs.

Table 2
Deferral Accounting Examples at Canadian Electric Utilities

Province	Utility	Tracks Deferred Expenses and Recuperates Costs	Adds Deferred Costs to Rate Base	Separate Rider for deferred cost expenditures	Rider Payment
British Columbia	BC Hydro	Y	Y	Y	% of Total Bill
	Fortis BC	Y	Y	Y	Energy Charge
Alberta	ATCO	Y	Y	N	
	Fortis Alberta	Y	N	Y	Energy Charge
	EPCOR	Y	Y	N	
Saskatchewan	SaskPower	N	N	N	
Manitoba	Manitoba Hydro	Y	Y	Y	Energy Charge (Currently no riders active)
Ontario	Alectra	Y	Y	Y	Energy Charge
	London Hydro	Y	Y	Y	Energy Charge
	Toronto Hydro	Y	Y	Y	Energy Charge
	Hydro One	Y	Y	N	
Quebec	Hydro Quebec	N	N	N	
New Brunswick	NB Power	Y	Y	Y	Energy Charge
Prince Edward Island	Maritime Electric	Y	Y	N	
Nova Scotia	Nova Scotia Power	N	N	N	
Newfoundland and Labrador	NL Hydro (RSP-hist)	Y	N	Y	Energy Charge
	Newfoundland Power	Y	N	N	

The Ontario Energy Board (OEB) is responsible for prescribing accounting procedures/requirements for deferral or variance accounts. Utilities are required to keep a uniform system of accounts which includes at least seven different types of deferral accounts as well as other variance accounts. They are as follows:

- Renewable Connection Capital Deferral Account
- Renewable Connection OM&A Deferral Account
- Renewable Generation Connection Funding Adder Deferral Account
- Smart Grid Capital Deferral Account
- Smart Grid OM&A Deferral Account
- Smart Grid Funding Adder Deferral Account
- Deferred Losses from Disposition of Utility Plant

The OEB reviews these account balances and prescribes methodology for recovering these costs. These accounts are either incorporated into the rate base or utilities can be granted permission to add a rider that recovers costs. Currently London Hydro, Alectra and Toronto Hydro have been granted permission to have riders for the "Disposition of Deferral/Variance Accounts" as well as riders for the "Disposition of Capacity-Based Recovery". These riders recover most of the expenses tracked in the above-listed deferral accounts. The riders are applied as per-kWh energy charges to customer accounts. Typically, charges vary by customer class.

Hydro One in Ontario does not have any direct riders for deferral recovery. Instead, they track deferral accounts and then add the account totals to the rate base to be amortized over an extended period, with duration depending on circumstance, usually not more than 60 months.

Hydro-Quebec used deferral accounts until 2019, but no longer does so. The utility can petition the Regie de l'energie for recovery of unexpected additional costs, but these costs do not flow through deferral accounts. The utility's view, as expressed in an annual report, is that the absence of these account computations and means of balancing excesses and shortfalls in revenue exposes the utility to the risks of random variation in usage and costs.[3]

New Brunswick Power calculates an Energy Supply Cost Variance associated with each fiscal year covering the difference between actual and forecasted energy supply cost. The costs include fuel expenses, purchasing and transportation expenses, renewable energy credits, commodity hedges, water and land rights, and profits from fuel sales. NB Power also calculates the Electricity Sales and Margin Variance account, which is the difference in actual and forecasted sales revenues. The two accounts are totaled, and NB Power then proposes a time period over which they plan to recover or reimburse the balance of the two above listed accounts along with a set of riders that achieve that recovery. If they recover the expenditures through a rider it is applied as a per-kWh energy charge that varies by rate class. This structure is similar to the two components of Hydro's SCVD account's Muskrat Falls project deferral computations, which compute quantity- and cost-related variation.

Maritime Electric's Energy Cost Adjustment Mechanism (ECAM) operates in a manner similar to that of other fuel and purchased power riders. The ECAM mechanism is interesting in that it allows explicitly for the deferral of "uncontrollable changes in energy related costs", which suggests a greater degree of discretion than conventional mechanisms that have fixed formulations for computing rider prices. This discretionary element apparently was used in December 2020 to postpone bill increases during the covid pandemic.[4]

Nova Scotia Power, like SaskPower, does not make provision for deferral-related pricing.

In Newfoundland and Labrador, Hydro retains, by regulatory requirement, its Rate Stabilization Plan (RSP) for recovery of historical costs. That provision is a standard energy-only mechanism, but the two main classes of Island customers, the utility and industrial customers each have their own price, based on energy-based allocation of costs.[5] The RSP also explicitly considers financing charges, an element not discussed, or perhaps implicit, in other utilities' riders.[6]

Newfoundland Power does not make provision for deferral pricing other than to pass through the riders from NL Hydro that are adjuncts to the Utility rate that NL Hydro charges Newfoundland Power. The energy prices of all rates are adjusted to reflect annual changes in the Rate Stabilization Account.

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[3] Hydro-Quebec, *Annual Report, 2023*, p. 30.

[4] Maritime Electric, *Application and Evidence of Maritime Electric Company, Limited*, December 17, 2021, pp. 9-10.

[5] Newfoundland and Labrador Hydro, *Schedule of Rates, Rules, and Regulations*, Updated January 1, 2025. See sheets RSP 1-3.

[6] Additionally, the RSP includes minor Newfoundland Power cost transfers, but these are excluded from illustrative calculations below.

Canadian utilities, perhaps because many of them have been historically excused from the need to engage in fuel purchases for a large percentage of generation, do not all have deferral provisions in their tariffs or in their costing. However, those that do offer useful examples in that some differentiate pricing by rate class rather than simply using a single price, or percentage adjustment, for all classes. Maritime Electric provides one instance of discretion in the timing of deferral, albeit in the context of an extreme event, the covid pandemic. The review did not uncover an example of a utility offering an example of pricing other than energy-only (per-kWh) pricing.

Examples from the United States

The United States has a wider array of utility practices than Canada due to a combination of geographic and regulatory differences between the two countries. Due to these differences, there tends to be a greater diversity in rate and rider design in the United States. With respect to deferral accounting, some utilities choose to treat deferral accounts in the same manner as Hydro One in Ontario. They track deferred expenses and add them to the rate base, usually to be amortized over an extended period with approval from regulators. It is relatively rare to see specific riders that address deferral accounting. However, there are many utilities that utilize riders to recover specific costs in interesting or applicable ways.

We examined a selection of U.S. electricity providers with unique or relevant rate riders that could help NL Hydro with their deferral accounting practices. Below are some of the highlights of the search.

Florida Power and Light (FPL). FPL, like many large U.S. utilities, has a variety of rate riders that help track costs for expense accounts and programs. Despite the numerous different types of riders, they do not have any that are specifically designed to recover deferred expenses. However, FPL does have two rate riders that have designs that are structurally relevant or of interesting design.

The first is their Transformation Rider. This rider is designed to recover the costs for customers who need voltage transformation, typically from primary distribution (at least 2400 volts). Instead of an energy charge in $ or ¢/kWh customers can either choose to have the company provide transformation or supply their own and receive a $0.36 credit per kW of billing demand.

FPL also has a solar power facilities rider for the purpose of recovering costs associated with the installation and maintenance of solar facilities for non-residential customers who elect to have FPL install and maintain said facilities. Customers pay a Monthly Service Payment on top of their standard bill which covers capital costs and expenses (which can include operations and maintenance, administrative, depreciation, taxes, etc.) both of which are levelized over the terms of the contract.

Oklahoma Gas and Electric (OG&E). OG&E has a variety of riders with prices differentiated by voltage service level. A particularly relevant design for Hydro's purposes is the Grid Enhancement Mechanism, which recovers the annual expenditures on capital for the purpose of grid enhancement. This rider is applied in the form of an energy charge for energy-only rates and as a demand charge for energy and demand rates.

AES Ohio. AES Ohio does not have a deferral rider. In order to recover deferred expenses, they directly request of the regulator that the necessary amount be added to the rate base and add a per-customer fixed charge on their expenses. This has proved controversial in recent rate cases in Ohio.

AES Ohio has one rider of possible relevance to Hydro: their Distribution Investment Rider. The rider is designed to recover any incremental investments in distribution-related capital. Unlike most other riders at AES Ohio the costs are recovered through a percentage added to the base distribution charges to each monthly customer bill.

DTE Energy. This utility is distinguished by its relatively numerous riders. Of interest to Hydro is the fact that three of these have demand-based charges. These serve standby, interruptible, and capacity release customers. Riders of this sort are often treated as rates at other utilities, but they serve as an example of the extension of COS allocation practices and principles into the realm of riders.[7]

Salt River Project (SRP). SRP is a community-owned electric utility in Arizona that recently introduced demand-based costing into its fuel cost recovery. A component of their base rates is the "Fuel and Purchased Power Adjustment Mechanism" (FPPAM) with the price expressed as a unit of energy only, including for rates where demand is a price component. SRP's rates are time differentiated: most customers face three seasons and up to three price periods per season. The FPPAM prices are differentiated in the same manner: seasonal TOU (where that design applies to the other components of the rate). FPPAM prices change periodically between rate cases, so the mechanism acts in the same manner as a rider at other utilities.

The FPPAM is somewhat unconventional in that it acts as a rider, adjusting price level periodically to reflect changes in fuel and purchased power costs, but is embedded in rates. This fact does not diminish its usefulness as an example, though, of new cost classification methodology.

The feature of interest for NL Hydro is that the COS study that underpins these rates classifies purchased power as partly demand-related, with the demand component being based on the utility's demand-based payments for power. This is a new feature of SRP's COS study, and the related rates go into force in November 2025.

The FPPAM component of SRP's rates is possibly of more than passing interest to Hydro. Normally the FPPAM operates in the manner of a fuel cost recovery rider, with its price moving up and down over time to keep fuel and purchased power cost balances within a predefined range around a target level of zero. In this particular case, the FPPAM provision of rates acted as a rate mitigation fund during the covid pandemic. The utility's Board of Directors elected to forgo deferred fund recovery on two occasions.[8]

This example offers Hydro a precedent for flexibility in the design and operation of its deferral accounting in that a similar principle of flexibility in cost classification can be permitted, and then expressed in class-specific pricing of a rider-based charge. Furthermore, it is not a great leap to

[7] See the GRA Workshop presentation for NL Hydro, entitled *Costing and Pricing to Support a General Rate Application*, Dec. 11, 2023.
[8] Source: presentation to the Board by B.G. Shoemaker, 8/22/24.

consider recovering demand-related costs via a demand-related charge for customer classes where demand metering already occurs.

In summary, US utilities widely use riders to recover/credit both fuel and purchased power costs/overages and a wide variety of other costs as well, although cost deferral is not usually a significant element of the design. However, examples of demand-based cost allocation within riders are beginning to emerge, providing some precedents to Hydro should the utility contemplate such a strategy for the SCVD account.

4. IMPLICATIONS OF ALTERNATIVE APPROACHES

Theory and practice elsewhere appear to allow Hydro a variety of costing and pricing alternatives. One practical consideration in deciding how to proceed might be the expected scale of the flows. Is the dollar value sufficient that adopting more complex methods can be justified?

The SCVD account's history is brief, since the account has been active only since November 2021, when Muskrat Falls and the LIL were placed in service. Early months were characterized by large dollar flows in the months leading up to the first general rate application since the account began operating. Account balances in late 2022, the first full year of operation, were on the order of $190 million.

The account balance, following general rate application review and approval, is planned to vary around a value of zero. Naturally, variations in consumption and export pricing will produce oscillation around this value. Additionally, the potential variability in timing (but not the amount) of Rate Mitigation Fund payments could produce large balances. Note, however, that the plan to modify the price applicable to customers is for annual updates. Additionally, this update will, reportedly, take account not only of actual Fund receipts but also expected receipts. (To do otherwise would produce a large SCVD account balance and high price, only to bring a large reversal in the following year due to previous overcharging.)

As a result, substantial balances may arise of part-year duration due to the smoothing effect of pricing in an environment of potentially quite variable supply costs arising from underlying variability in consumption levels and export prices. One way to evaluate the alternatives in costing and pricing is to consider the likely cost shifts between these alternatives for historical sizeable levels of the account, under the assumption that these are likely to be larger than expected future levels.

Consider an example in which the variance in cost is that of 2024, about $36.75 million in increased cost. The components of that cost variance appear in Table 3. The Muskrat Falls cost variance is about $659 million, visible in the rightmost column. The Rate Mitigation Fund transfer of about $421 million partially offsets the cost variance. Other variances produce the net result in the bottom right-hand corner.

Table 3
Variances in SCVD Account Components – 2024 Budget
(Thousands of Dollars)

No.	Component	Cost-Related	Revenue-Related	Total
1	Muskrat Falls Deferral Cost Variance	716,647		
6	Net Revenue from Exports Variance		(39,114)	
7	Transmission Tariff Revenue Variance		(18,206)	
	Muskrat Falls Project Costs			659,326
2	Rate Mitigation Fund		(421,000)	
4	Holyrood Fuel Cost Variance	(127,372)		
5	Other IIS Supply Cost Variance	(7,766)		
3	Project Cost Recovery			
	Utility Customer		(56,126)	
	Industrial Customers		(7,762)	
8	Load Variance			
	Utility Customer		(4,438)	
	Industrial Customers		3,488	
10	Greenhouse Gas Credit Variance		(1,600)	
	Total			36,751

Recovery of this amount adds about 4.9% to total billings, based on an estimate of 2025 billing quantities and rates.[9] (The bill total includes both base revenue and RSP, PCR, and CDM revenues applied to forecasted quantities.) A simple energy-only allocation of cost under the above assumptions adds 5.6% to the Utility customer's bills and about 1.7% to the Island Industrial customers' bills. The Island Rural customers' bills would increase by about 0.4%, after allowing for the reallocation of most of their bill impact to the Utility customer. The residual appearing in the table is reallocated to Labrador Interconnected customers and written off to net income.[10] The actual bill impact for the Island Rural customers is thus zero.

An alternative to this approach involves allocating costs according to Hydro's existing cost allocation rules. For this example, the demand and energy shares are based partly on Hydro's COS rules and partly on conjecture as to what the demand shares of the other accounts might be, depending on the costs incurred. Table 4 presents these assumptions.

The bases for these assumptions are that: 1) shares for Muskrat Falls costs and export revenues are based on system load factor (e.g. if the system load factor is 55%, then the energy share is 55%); 2) the rate mitigation fund should be classified in the same manner as Muskrat Falls; 3) Holyrood fuel costs variances are entirely energy-related; 4) other IIS cost share variations

[9] Changes in billing quantities and rates to 2025 permit reflection of current conditions in the example calculations. Average SCVD Account balances are not forecasted for this year.

[10] Variances allocated to Island Rural customers is re-allocated between Utility and Labrador Interconnected customers in the same proportion that the Rural Deficit was allocated in the approved 2019 Cost of Service Study, which is 96.1% and 3.9%, respectively. The Labrador Interconnected amount is then written off to net income. In the absence of reallocation, the Utility customer bills would increase by 4.6% and the Island Rural bills would increase by 9.7%.

are based on an average of historical and forecast shares provided by Hydro;[11] and 5) load variances are associated with typical generation changes, and should be classified on the basis of system load factor; and 6) greenhouse gas variances are associated with Muskrat Falls production, and should be classified in the same manner as Muskrat Falls itself, i.e. system load factor.

Table 4
Assumed Demand and Energy Classification of SCVD Account Components

No.	Component	Demand	Energy
1	Muskrat Falls Deferral Cost Variance	45%	55%
6	Net Revenue from Exports Variance	45%	55%
7	Transmission Tariff Revenue Variance	45%	55%
	Muskrat Falls Project Costs		
2	Rate Mitigation Fund	45%	55%
4	Holyrood Fuel Cost Variance	0%	100%
5	Other IIS Supply Cost Variance	45%	55%
8	Load Variance		
	Utility Customer	45%	55%
	Industrial Customers	45%	55%
10	Greenhouse Gas Credit Variance	45%	55%

The demand-and-energy approach to cost classification, under these assumptions, produces a cost allocation shift, relative to the energy-only approach, in the direction of the Utility customer of about $642 thousand dollars (0.1%), matched by an offsetting reduction in Island Industrial costs of $641 thousand (-1.4%) and an Island Rural allocated cost increase of about $1 thousand (effectively 0%). (See the rightmost columns of the table below.)

If the demand-and-energy approach represents a better estimate of the cost responsibility of each class than does the energy-only allocation, then a move to the demand-and-energy approach results in an appropriate small cost shift toward the Utility customer and away from the Island Industrial customers. The percentage shift is tiny for the Utility but noticeable for the Industrials. This shift corresponds with the hypothesis that the utility customer is more peak-coincident than are the Island Industrial customers. A summary of the results appears in Table 5.

The resulting percentage change in the overall customer bills (different from the change relative to the cost/bill shift described immediately above) is a bill increase of 5.7% for the Utility customer (up from 5.6%), a bill increase of 0.3% for the Island Industrials (down from 1.7%), and a residual "increase" of 0.4% for the Island Rural customers (unchanged). (Because the residual bill impact for the Island Rural customers is transferred to the Labrador Interconnected customers the actual bill change for the Island Rural customers is zero.) See the middle columns of the table for these impacts.

[11] Hydro classifies thermal costs as 100% demand-related, wind costs as 78% demand-related, and deems purchase classification to be based on system load factor.

Table 5
Bill Impact of SCVD Account Introduction
Under Alternative Cost Classification Approaches
Estimated 2025 Loads, 2025 Rates

Rate Class	**Base Bill**	**Bill Impact**					
		Energy-Only		Demand-and-Energy		D&E vs. E-Only	
	$Thousand	$Thousand	Percent	$Thousand	Percent	$Thousand	Percent
Utility	$634,575	$35,723	5.6%	$36,365	5.7%	$642	0.1%
Island Industrial	$45,458	$774	1.7%	$133	0.4%	-$641	-1.4%
Island Rural	$67,306	$254	0.4%	$253	0.4%	-$1	0.0%
Total	$747,338	$36,751	4.9%	$36,751	4.9%	$0	0.0%

The 2024 cost recovery obligation of an additional 4.9% exceeds Hydro's agreed domestic customer bill ceiling increase of 2.25%. As an exercise, we can constrain the *overall* increase in bills due to the addition of the SCVD Account to 2.25% (but permit larger increases for individual customers).[12] If we reduce the bill obligation by increasing the Rate Mitigation Fund receipts, but retain all other assumptions, then the bill increases are as presented in Table 6 below.

Table 6
Bill Impact of SCVD Account Introduction
Under Alternative Cost Classification Approaches
Estimated 2025 Loads, 2025 Rates, Constrained Bill Increase

Rate Class	**Base Bill**	**Bill Impact**					
		Energy-Only		Demand-and-Energy		D&E vs. E-Only	
	$Thousand	$Thousand	Percent	$Thousand	Percent	$Thousand	Percent
Utility	$634,575	$17,528	2.8%	$17,943	2.8%	$415	0.1%
Island Industrial	$45,458	-$917	-2.0%	-$1,330	-2.9%	-$413	-0.9%
Island Rural	$67,306	$204	0.3%	$203	0.3%	-$1	0.0%
Total	$747,338	$16,815	2.25%	$16,815	2.25%	$0	0.0%

The Utility customer bill increase becomes 2.8% under both approaches, the Island Industrial bills decrease by 2.05 under the energy-only approach and by 2.9% under the demand-and-energy approach. The Island Rural customer bills "increase" by 0.3% in both cases, following

[12] This is a simplification of the rule that domestic customer bills only would be subject to the 2.25% increase ceiling. Other classes may sustain higher increases. Also, this exercise is different from the actual rule that overall all-in domestic customer bills (including the SCVD account levy) cannot rise by more than 2.25% year-over-year through 2030. However, this exercise offers a simple example of constrained bill increases.

reallocation of the portion transferred to the Utility customer. (As above, the actual Island Rural bill increase is zero due to the transfer of the residual to the Labrador Interconnected customers.) Note that the Utility bill increase probably meets the constraints on domestic customers, since the excess over the 2.25% limit might plausibly be applied to business customers of the utility.

While this example is illustrative, there remains a question as to the variability around these impacts. Historically, the 2024 variance of an increase of $36.75 million is small compared to that of 2022 (about $191 million) but the 2022 amount contains no reductions for rate mitigation and is thus likely an overstatement. Additionally, Hydro's plan for the period following the next rate application is to keep the variance centered on zero, in expectation. This suggests that the 2024 variance might be a more plausible value for an average variance than the 2022 value.

5. FINDINGS

Hydro's new SCVD account comprehensively covers the cost variances associated with the Muskrat Falls project and the revenue variances that may occur, as well as consumption and customer activities' departures from forecast. Hydro could elect to recover/reimburse costs/credits based solely on energy consumption. This is a simple and well-founded practice in rider pricing bearing on generation-related costs, based on the jurisdictional review.

The simple example provided in this report suggests that a demand-and-energy cost allocation tied to Hydro's existing COS methodology might produce a slightly improved allocation of customer cost responsibility. While variances following the upcoming general rate application are conjectural, other than that they are expected to be centered on zero, past experience offers an indication of the possible scale of impact of the change in methodology. It appears that the bill reductions for Island Industrial customers arising from the use of the demand-and-energy approach to cost classification might be large enough to be noticeable.

Implementation of the demand-and-energy alternative would involve application of the existing COS methodology to the SCVD account components. Actual cost recovery could use demand-and-energy pricing for the Utility and Island Industrial customers, but an energy-only charge would like serve almost as well, with slight reductions in billing match to cost across Island Industrial customers, with high load factor customers being slightly overcharged and low load factor customers being slightly undercharged.

Exhibit 13

Illustrative Example of Cost Variance Allocation

Long-Term Supply Cost Variance Deferral Account
Illustrative Example of Cost Variance Allocation
Energy Only Allocator vs Demand/Energy Allocators[1]

Cost Allocation

Component	Variance Allocations[2] Demand (%) [A]	Variance Allocations[2] Energy (%) [B]	Variances From Test Year[3] ($ Millions) [C]	Demand Allocation ($ Millions) [D] = [A] * [C]	Energy Allocation ($ Millions) [E] = [B] * [C]
Muskrat Falls Project Costs	50%	50%	5.5	2.8	2.8
Net Revenue from Exports	50%	50%	17.2	8.6	8.6
Transmission Tariff Revenue	50%	50%	(1.3)	(0.7)	(0.7)
Rate Mitigation Funding	50%	50%	38.0	19.0	19.0
Holyrood TGS	0%	100%	(3.4)	-	(3.4)
Utility Load	50%	50%	(6.8)	(3.4)	(3.4)
Industrial Load	50%	50%	(5.1)	(2.5)	(2.5)
Greenhouse Gas Credits Revenue	50%	50%	1.6	0.8	0.8
Other Island Interconnected System Supply Cost					
Thermal	100%	0%	0.2	0.2	-
Off-Island Purchases	50%	50%	-	-	-
On-Island Purchases	50%	50%	0.0	0.0	0.0
Wind Purchases	43%	57%	-	-	-
			45.8	**24.7**	**21.1**

Cost Allocation to Customer Balances (Based on Energy)

Customer	Energy[4] (GWh)	Customer Allocation[5] ($ Millions)	Reallocate Rural[6] ($ Millions)	Total[7] ($ Millions)
Newfoundland Power	5,938.91	38.8	2.8	41.6
Island Industrials	638.78	4.2	-	4.2
Island Rural	440.64	2.9	(2.8)	0.1
	7,018.32	**45.8**	**-**	**45.8**

Cost Allocation to Customer Classes (Based on Demand and Energy)

Customer	Demand[8] (MW)	Demand[9] ($ Millions)	Energy[10] ($ Millions)	Total Customer Allocation ($ Millions)	Reallocate Rural[6] ($ Millions)	Total[7] ($ Millions)
Newfoundland Power	16,156.8	21.9	17.9	39.8	2.7	42.4
Island Industrials	971.9	1.3	1.9	3.2	-	3.3
Island Rural	1,105.2	1.5	1.3	2.8	(2.7)	0.1
	18,233.9	**24.7**	**21.1**	**45.8**	-	**45.9**

Billing Impacts

Customer	2024 Billing ($ Millions)	Energy Allocator Cost ($ Millions)	Energy Allocator Rate Impact (%)	Demand and Energy Allocator Cost ($ Millions)	Demand and Energy Allocator Rate Impact (%)	Variance Change (%)	Variance Change ($ Millions)
Newfoundland Power							
Base Rate Revenue	494.6						
Project Cost Recovery Rider	52.4						
Rate Stabilization Plan Rider	27.5						
CDM	0.9						
	575.4	**41.6**	**7.2%**	**42.4**	**7.4%**	**0.1%**	**0.8**
Island Industrials							
Base Rate Revenue	30.2						
Project Cost Recovery Rider	3.9						
Rate Stabilization Plan Rider	2.6						
CDM	0.0						
	36.7	**4.2**	**11%**	**3.3**	**9.1%**	**-2.3%**	**(0.8)**
Total[11]		**45.7**		**45.7**			

[1] Numbers may not add due to rounding.
[2] Consistent with Chapter 5, Table 5-13.
[3] Variances calculated for illustrative purposes only. Assumes an illustrative test year which includes all components in base rates.
[4] 12 months-to-date energy based on a forecast of 2026 load. Forecast was at a point in time and is for illustrative purposes only.
[5] Customer Energy / Total Energy * [C] Total Variance from Test Year.
[6] Hydro Rural customer balance allocated between Newfoundland Power and Labrador Interconnected customers based on test year percentages approved for Rural Deficit allocation. For the purpose of this illustrative example, these allocations are equal to those approved in the 2019 Test Year of 96.1% for Newfoundland Power and 3.9% for Labrador Interconnected.
[7] Amount remaining in Island Rural is assigned to Labrador Interconnected and will be written off to Hydro's net income (loss).
[8] The demand for Newfoundland Power is equal to the sum of monthly billing demands; Island Industrials is equal to the maximum annual billing demand * 12; and Island Rural is equal to annual peak demand * 12. Based on the 2026 forecast load at a point in time for illustrative purposes only.
[9] Customer Demand / Total Demand * [D] Demand Allocation.
[10] Customer Energy / Total Energy * [E] Energy Allocation.
[11] Excludes $0.1 million remaining for Island Rural which will be allocated to the Labrador Interconnected customers.

Exhibit 14

Treatment of Holyrood Generating Station Costs Memorandum

newfoundland labrador hydro

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MEMORANDUM

TO: Newfoundland and Labrador Hydro

FROM: Bruce Chapman

DATE: July 30, 2025

SUBJECT: Treatment of Holyrood Generating Station Costs

NL Hydro (Hydro) anticipates that the role of the Holyrood Generating Station in supporting provision of generation services to the utility's customers will be changing in the near future.[1] Having provided base load generation until the commissioning of Muskrat Falls and the Labrador Island Link, the three units of the station are now to serve new roles. Two units will be active throughout the peak winter months, providing base load generation, as dictated by the time required to bring them on line. The third unit will be brought on in anticipation of extremely cold weather and its associated high levels of demand, then shut down with the return of normal winter conditions. All three units will be inactive in the non-winter months.

This state of affairs is expected to last through at least 2029. At that time, a new combustion turbine may be ready for service, which may permit shutting down one Holyrood unit. The arrival of another new hydraulic unit, possibly in 2031, may permit retirement of a second Holyrood generator. The remaining generator would then convert to the role of synchronous condenser, under which role it would be in operation in all hours of the year, providing no net generation but offering reactive power. The exact timing of the retirement of the Holyrood TGS units and the integration of new assets is subject to change. The Holyrood TGS unit(s) will not retire prior to the successful integration of new generation that is deemed reliable.

With the changing roles of these units, the question arises as to whether their treatment in cost allocation should change. In the past, the costs of Holyrood generation plant were classified by basing the energy share on capacity factor, with the residual being demand-related. (This approach deems the share of load as a percentage of capacity as base load and thus energy-related. As the level of utilization has come down, the share of Holyrood costs classified as energy-related has fallen.) The three units were treated as one for cost allocation purposes.

In the future, if the third unit is to be run in a manner different from the others, it might be sensible to separate the third unit for costing purposes. If the capacity factor approach to cost classification is retained, then one might expect a separate capacity factor for the third

[1] NL Hydro, *Reliability and Resource Adequacy Study, 2022 Update*, October 3, 2022, *Volume III: Long-Term Resource Plan*, see Sec. 5.3.1.

unit. Given that these units are to run in the winter period only, the two units serving as base load would have higher capacity factors than recently and their costs would shift in the direction of energy-related causation. The third unit, in its role as a peaking unit reserved for the few days of extreme cold, would presumably continue to be deemed mostly demand-related due to its relatively low capacity factor. (Treating that unit as 100% demand-related would likely be an accurate representation, although it would be a departure from the capacity factor methodology.)

One potential complication is that the units are likely to rotate roles, with units 1 and 2 running throughout the winter and unit 3 serving as the peaking unit in one year, while the next year might see unit 1 playing the peaking role. Since the units are not identified individually in the COS study, it seems feasible to follow the proposed methodology using the accounting fiction that one unit always plays the peaking role. The alternative would be to identify each unit in the COS study individually and rotate their treatment in each year. This does not appear particularly satisfactory, since the COS study is not updated annually, and it would be easy to overlook the need to work the rotation into the costing. If the accounting fiction proposed is acceptable, it appears that there would be no loss of cost allocation accuracy.

Beyond 2029-31, when the third and only surviving Holyrood unit is converted to a synchronous condenser, the capacity factor methodology would likely result in all costs being treated as demand-related due to its lack of net generation.[2] This is in line with the role of synchronous condensers, as they function like capacitors, which are deemed to be capacity-related in standard cost allocation methodology. The NARUC Cost Allocation Manual discusses reclassification of synchronous condensers located in the distribution system as being under the transmission function.[3] This argument might be applied to Hydro's future Holyrood synchronous condenser located in a facility that was once a generation station. If reclassified as transmission, a demand-related share of 100% is in line with traditional classification of transmission costs.[4]

Aside from the consideration of net plant cost allocation is the question of how to treat the cost of fuel. In the past, Holyrood fuel was classified as energy-related, a position supported not only by industry practice but matching the role of Holyrood as a base load generator. In the medium term, the continuation of two of Holyrood's units as base load, and industry practice regarding the treatment of fuel, suggest that this classification should continue. Given the small amount of fuel that the third unit is likely to consume, it seems sensible to classify all Holyrood fuel as energy-related rather than to estimate the small share associated with the third unit that might be classified as demand-related.

[2] The formula divides net production by the product of capacity and hours in service. With net production at or near zero, capacity factor would be at or near zero.
[3] NARUC, *Electric Utility Cost Allocation Manual*, January 1992, p. 74.
[4] Our COS Methodology Review for Hydro recommended that Holyrood equipment functioning as a synchronous condenser should be functionalized as transmission and classified in the same manner as general-purpose transport facilities. See Christensen Associates Energy Consulting, *Cost-of-Service Methodology Review*, Revised Version, November 15, 2018, p. 30. The report is Appendix A of NL Hydro, *2018 Cost of Service Methodology Review Report*, Nov. 15, 2018.

In the longer term, after 2031, when the single remaining unit will be acting as a synchronous condenser, small amounts of electricity will be used to maintain active status but there will be no fuel costs, relieving Hydro of a cost classification issue.

In summary, Hydro's method of classifying generation costs between demand- and energy-related causation via capacity factor appears suitable for the medium term when two Holyrood units are expected to function as base load for winter months, and the third as peaking load during those months. The first two units might be expected to have a significant share of costs classified as energy-related, while the third would be expected to be classified as predominantly demand-related. Fuel costs can remain energy-related.

For the long term, the remaining unit, serving as a synchronous condenser, can continue to be classified in the same manner as Hydro's transmission costs are at present, as demand-related. Hydro can classify Holyrood's fuel consumption (while functioning as base load generator units in winter as entirely energy-related.

Exhibit 15

Newfoundland Power Generation During Island Interconnected System Peaks

Newfoundland Power Generation During Island Interconnected System Peaks

January 2020–December 2024

August 22, 2025

Contents

List of Appendices

1.0 Purpose

In the Settlement Agreement to the 2018 Cost of Service Methodology Review ("Settlement Agreement"),[1] the parties agreed that Newfoundland and Labrador Hydro ("Hydro") would file, as part of its next general rate application ("GRA"), a report of a review by Hydro of the methodology for the calculation of the megawatt credit provided to Newfoundland Power Inc. ("Newfoundland Power") to ensure reasonableness. This report addresses this request.

The current hydraulic generation credit is 83.5 MW, and the thermal generation credit is 34.6 MW, which was approved in Hydro's 2019 Test Year, included in the 2017 GRA.

2.0 Hydraulic Generation Credit

This determination is based on analysis of historical values for Newfoundland Power hydraulic generation during Island Interconnected System peak loading periods.

2.1 Introduction

Newfoundland Power has hydraulic generation, which Hydro can request be maximized during periods of high demand on the Island Interconnected System. This generation is also used to manage regional constraints. It was used fairly frequently to help reduce the loading on the transmission line corridor from Bay d'Espoir into the Avalon Peninsula, prior to the in-service of Transmission Line TL267. Currently, it is being utilized (less frequently) to offload the transmission corridor from Western Avalon into Soldiers Pond. Analysis of data from January 2020 to December 2024 was completed to determine the amount of hydraulic generation that Newfoundland Power has been consistently providing during times of high or peak load on the Island Interconnected System, following a request from Hydro to maximize hydraulic generation. Note that while Newfoundland Power also has thermal generation, the analysis in this section is limited to its hydraulic generation. Three different scenarios were evaluated: annual Island Interconnected System Peak, top 5% of peak Island load hours and top 10% of peak Island load hours.

2.2 Scenario Analysis

Data analysis is based on the calendar year from January 1 to December 31.

[1] Approved in Board Order No. P.U. 37(2019).

2.2.1 Annual Island Interconnected System Peak

This case involved identifying the hour of peak demand (i.e., the single highest load hour in a calendar year) for each year from 2020 to 2024. Given that weather patterns, which typically drive periods of high demand, can persist for more than one day, the day prior to and the day after this highest peak day were also included in the analysis. This ensures that Newfoundland Power receives appropriate credit for instances in which its generation provided assistance in managing peak in a period of high demand on the day prior to or following the day containing the annual peak, but was more limited in its ability to supply during peak hours for external reasons (e.g., low water). For each of these three days, the peak hour was identified, as well as the hour before and after the peak hour, during which the load is also generally expected to be high. The average Newfoundland Power hydraulic generation for these three hours on each day was calculated. The overall average for the three days was then determined. This was completed for each year.

Please note that for all Newfoundland Power hydraulic generation values included in the final results, it was confirmed that a formal request to maximize hydraulic generation was made from Hydro to Newfoundland Power.

2.2.2 Top 5% of Peak Island Load Hours

This case involved identifying the top 5% of Island Interconnected System load hours for each year. The average Newfoundland Power hydraulic generation for the noted hours was then calculated. This was completed for each year.

2.2.3 Top 10% of Peak Island Load Hours

This case involved identifying the top 10% of Island Interconnected System load hours for each year. The average Newfoundland Power hydraulic generation for the noted hours was then calculated. This was completed for each year.

2.3 Scenario Analysis Results

All data analyzed was obtained from Hydro's Energy Management System. The results of the analysis are presented in the following sections.

2.3.1 Annual Island Interconnected System Peak Results

Table 1 summarizes the Island Interconnected System peak demand for each year on a calendar year basis, as well as the average Newfoundland Power hydraulic generation at the time of peak. The overall average for Newfoundland Power hydraulic generation during Island Interconnected System Peak was determined to be 64 MW. Tables A-1 to A-5, located in Appendix A, provide the analysis for each individual year. Each table in Appendix A identifies the days and hours included in the analysis, the peak demand, and the associated Newfoundland Power hydraulic generation.

Table 1: Summary of Newfoundland Power Hydraulic Generation During System Peak

Year	Island Interconnected System Peak Demand (MW)	Newfoundland Power Hydraulic Generation (MW)
2020	1641	66
2021	1518	60
2022	1614	71
2023	1770	76
2024	1728	48
	Average	**64**

2.3.2 Top 5% of Peak Island Load Hours Results

Table 2 summarizes the average Island Interconnected System demand during the top 5% of hours with the highest Island Interconnected System demand, as well as the average Newfoundland Power hydraulic generation during those hours. The overall average for Newfoundland Power hydraulic generation during the top 5% of hours with the highest Island Interconnected System demand was determined to be 59 MW. The complete data set for each year can be found in Appendix B.

Table 2: Newfoundland Power Hydraulic Generation During Top 5% of Island Interconnected System Load Hours

Year	Average Island Interconnected System Demand in Top 5% of Hours with Highest Demand (MW)	Newfoundland Power Hydraulic Generation (MW)
2020	1433	50
2021	1351	59
2022	1407	73
2023	1478	64
2024	1424	49
	Average	**59**

2.3.3 Top 10% of Peak Island Load Hours Results

Table 3 summarizes the average Island Interconnected System during the top 10% of hours with the highest Island Interconnected System demand, as well as the average Newfoundland Power hydraulic generation during those hours. The overall average for Newfoundland Power hydraulic generation during the top 10% of hours with the highest Island Interconnected System demand was found to be 58 MW. The complete data set for each year can be found in Appendix C.

Table 3: Newfoundland Power Hydraulic Generation During Top 10% of Island Interconnected System Load Hours

Year	Average Island Interconnected System Load in Top 10% of Hours with Highest Demand (MW)	Newfoundland Power Hydraulic Generation (MW)
2020	1377	49
2021	1307	58
2022	1352	70
2023	1402	61
2024	1367	51
	Average	**58**

2.4 Recommended Newfoundland Power Hydraulic Generation Credit

Based on the analysis contained herein, it is recommended that the hydraulic generation credit provided to Newfoundland Power reflect a credit of 64 MW. It is recommended that this value be reviewed on a recurrent basis.

3.0 Thermal Generation Credit

3.1 Introduction

Newfoundland Power has thermal generation, which Hydro can request be maximized during periods of high demand on the Island Interconnected System. This generation is also used to manage regional transmission constraints.

3.2 Analysis Approach

The process for requesting Newfoundland Power to maximize thermal generation to support the Island Interconnected System is to request, in advance, the thermal unit(s) to be staffed. While Hydro has requested staffing of Newfoundland Power’s thermal units over the last five-year period (January 2020 through December 2024) as a precaution in advance of a forecasted peak, the units have not subsequently been asked to generate. As a result, there is a lack of generation data to perform a similar analysis as utilized to calculate the hydraulic generation credit.

3.3 Recommended Newfoundland Power Thermal Generation Credit

Despite the limited generation data available to conduct a similar analysis for Newfoundland Power's hydraulic generation credit, the thermal generation remains available to be called upon. It is recommended that the process for determining the thermal generation credit remain unchanged, determined by Newfoundland Power's thermal generation capability forecast for the test year, reduced by the reserve at the criteria.

4.0 Conclusions/Recommendations

The following summarizes the data presented above:

- Newfoundland Power hydraulic generation, from January 2020 to December 2024, for the scenarios analyzed, is summarized in Table 4.

Table 4: Average Newfoundland Power Hydraulic Generation for Scenarios Analyzed

	Average Newfoundland Power Hydraulic Generation (MW)
During Island Interconnected System Peak	64
During Top 5% of hours with Highest Load	59
During Top 10% of hours with Highest Load	58

- It is recommended that the hydraulic generation credit provided to Newfoundland Power reflect a credit of 64 MW. It is recommended that this value be reviewed on a recurrent basis.
- It is recommended that the process for determining the thermal generation credit provided to Newfoundland Power remain unchanged at this time.

Appendix A

Annual Island Interconnected System Peak

(January 2020–December 2024)

newfoundland labrador hydro

Table A-1: Calculation of Newfoundland Power Hydraulic Generation During System Peak (2020)

Island Interconnected System Peak for 2020 - 1641 MW

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)	NP Avg Gen (MW)
20-Feb-20 18:00:00	1577	66	
20-Feb-20 19:00:00	**1585**	**67**	**65**
20-Feb-20 20:00:00	1583	62	
21-Feb-20 06:00:00	1538	74	
21-Feb-20 07:00:00	**1641**	**75**	**74**
21-Feb-20 08:00:00	1613	74	
22-Feb-20 06:00:00	1481	57	
22-Feb-20 07:00:00	**1501**	**59**	**58**
22-Feb-20 08:00:00	1496	58	
		Overall Average NP GEN (MW)	**66**

Table A-2: Calculation of Newfoundland Power Hydraulic Generation During System Peak (2021)

Island Interconnected System Peak for 2021 - 1518 MW

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)	NP Avg Gen (MW)
10-Feb-21 16:00:00	1285	59	
10-Feb-21 17:00:00	**1345**	**59**	**61**
10-Feb-21 18:00:00	1337	65	
11-Feb-21 09:00:00	1509	52	
11-Feb-21 10:00:00	**1518**	**52**	**52**
11-Feb-21 11:00:00	1514	53	
12-Feb-21 16:00:00	1314	68	
12-Feb-21 17:00:00	**1343**	**65**	**66**
12-Feb-21 18:00:00	1325	66	
		Overall Average NP GEN (MW)	**60**

Table A-3: Calculation of Newfoundland Power Hydraulic Generation During System Peak (2022)

Island Interconnected System Peak for 2022 - 1614 MW

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)	NP Avg Gen (MW)
15-Feb-22 17:00:00	1508	76	
15-Feb-22 18:00:00	**1509**	**76**	**76**
15-Feb-22 19:00:00	1504	76	
16-Feb-22 06:00:00	1511	66	
16-Feb-22 07:00:00	**1614**	**66**	**66**
16-Feb-22 08:00:00	1613	66	
17-Feb-22 07:00:00	1459	67	
17-Feb-22 08:00:00	**1475**	**73**	**70**
17-Feb-22 09:00:00	1455	70	
		Overall Average NP GEN (MW)	**71**

Table A-4: Calculation of Newfoundland Power Hydraulic Generation During System Peak (2023)[1]

Island Interconnected System Peak for 2023 - 1770 MW

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)	NP Avg Gen (MW)
26-Feb-23 07:00:00	1658	77	
26-Feb-23 08:00:00	**1690**	**76**	**76**
26-Feb-23 09:00:00	1686	74	
27-Feb-23 06:00:00	1663	75	
27-Feb-23 07:00:00	**1770**	**77**	**76**
27-Feb-23 08:00:00	1732	78	
28-Feb-23 06:00:00	1647	77	
28-Feb-23 07:00:00	**1733**	**77**	**76**
28-Feb-23 08:00:00	1691	73	
		Overall Average NP GEN (MW)	**76**

[1] Numbers may not add due to rounding.

Table A-5: Calculation of Newfoundland Power Hydraulic Generation During System Peak (2024)

Island Interconnected System Peak for 2024 - 1728 MW

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)	NP Avg Gen (MW)
23-Jan-24 20:00:00	1465	49	
23-Jan-24 21:00:00	**1474**	**49**	**50**
23-Jan-24 22:00:00	1426	50	
24-Jan-24 06:00:00	1659	45	
24-Jan-24 07:00:00	**1728**	**53**	**51**
24-Jan-24 08:00:00	1707	54	
25-Jan-24 07:00:00	1471	48	
25-Jan-24 08:00:00	**1488**	**48**	**45**
25-Jan-24 09:00:00	1471	39	
		Overall Average NP GEN (MW)	**48**

Appendix B

Top 5% of Island Interconnected System Load Hours

(2020–2024)

Table B-1: Top 5% of Island Interconnected System Load Hours (2020)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Feb-20 07:00:00	1641	75
10-Mar-20 07:00:00	1625	53
21-Feb-20 08:00:00	1613	74
10-Mar-20 08:00:00	1610	57
15-Jan-20 08:00:00	1609	53
14-Feb-20 18:00:00	1601	76
10-Jan-20 08:00:00	1601	51
14-Feb-20 19:00:00	1600	75
15-Jan-20 07:00:00	1595	60
20-Feb-20 19:00:00	1585	67
10-Jan-20 07:00:00	1585	53
20-Feb-20 20:00:00	1583	62
14-Feb-20 20:00:00	1581	74
20-Feb-20 18:00:00	1577	66
15-Jan-20 09:00:00	1565	51
22-Jan-20 08:00:00	1563	61
21-Feb-20 09:00:00	1563	70
20-Feb-20 21:00:00	1559	56
14-Feb-20 17:00:00	1555	76
14-Feb-20 21:00:00	1552	64
21-Feb-20 18:00:00	1552	72
20-Feb-20 17:00:00	1551	67
19-Jan-20 10:00:00	1551	30
21-Feb-20 19:00:00	1545	64
17-Mar-20 07:00:00	1543	50
22-Jan-20 07:00:00	1539	63
21-Feb-20 06:00:00	1538	74
18-Jan-20 17:00:00	1538	39
19-Jan-20 09:00:00	1533	28
17-Jan-20 11:00:00	1532	52
17-Jan-20 12:00:00	1532	50
19-Jan-20 11:00:00	1528	30
22-Jan-20 09:00:00	1527	59
10-Mar-20 09:00:00	1527	46
18-Jan-20 18:00:00	1525	37
21-Feb-20 20:00:00	1525	61
15-Feb-20 08:00:00	1524	65
10-Jan-20 09:00:00	1522	46
15-Jan-20 17:00:00	1522	44

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
17-Mar-20 08:00:00	1522	48
21-Feb-20 17:00:00	1520	73
14-Jan-20 08:00:00	1517	64
10-Feb-20 07:00:00	1516	38
14-Jan-20 17:00:00	1516	55
21-Feb-20 10:00:00	1513	67
17-Jan-20 10:00:00	1513	50
19-Jan-20 17:00:00	1510	28
15-Feb-20 07:00:00	1509	68
10-Mar-20 06:00:00	1508	36
10-Jan-20 17:00:00	1506	47
14-Feb-20 22:00:00	1505	64
20-Feb-20 22:00:00	1504	50
06-Feb-20 07:00:00	1502	54
18-Jan-20 19:00:00	1501	34
06-Feb-20 08:00:00	1501	52
22-Feb-20 07:00:00	1501	59
15-Feb-20 09:00:00	1500	65
10-Feb-20 08:00:00	1500	46
19-Jan-20 08:00:00	1500	25
15-Feb-20 18:00:00	1499	73
14-Jan-20 07:00:00	1496	65
22-Feb-20 08:00:00	1496	58
17-Jan-20 13:00:00	1496	49
19-Jan-20 12:00:00	1496	31
14-Jan-20 18:00:00	1494	60
15-Feb-20 19:00:00	1493	67
21-Feb-20 21:00:00	1493	56
15-Jan-20 16:00:00	1492	45
14-Jan-20 19:00:00	1492	60
13-Jan-20 17:00:00	1492	66
16-Jan-20 08:00:00	1491	52
02-Feb-20 11:00:00	1488	52
17-Jan-20 16:00:00	1487	50
02-Feb-20 12:00:00	1487	52
15-Jan-20 18:00:00	1486	47
21-Feb-20 11:00:00	1486	65
10-Jan-20 18:00:00	1485	47
14-Jan-20 20:00:00	1484	57
22-Jan-20 17:00:00	1483	65
17-Jan-20 14:00:00	1483	50

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
16-Jan-20 07:00:00	1482	51
22-Feb-20 06:00:00	1481	57
17-Jan-20 15:00:00	1481	51
15-Jan-20 10:00:00	1479	49
20-Feb-20 16:00:00	1479	55
13-Jan-20 18:00:00	1477	66
15-Feb-20 17:00:00	1475	73
03-Mar-20 07:00:00	1475	40
18-Jan-20 16:00:00	1475	39
15-Feb-20 10:00:00	1474	61
15-Jan-20 19:00:00	1473	47
15-Feb-20 06:00:00	1473	71
25-Jan-20 08:00:00	1472	52
15-Jan-20 06:00:00	1472	59
21-Feb-20 12:00:00	1470	65
17-Jan-20 09:00:00	1469	50
19-Feb-20 08:00:00	1468	57
16-Feb-20 10:00:00	1468	57
10-Jan-20 16:00:00	1468	47
14-Feb-20 23:00:00	1468	64
22-Feb-20 09:00:00	1468	57
22-Jan-20 10:00:00	1467	55
19-Jan-20 18:00:00	1467	26
17-Jan-20 17:00:00	1467	47
13-Jan-20 19:00:00	1464	64
02-Feb-20 10:00:00	1464	53
14-Feb-20 16:00:00	1464	71
16-Feb-20 09:00:00	1464	54
02-Feb-20 13:00:00	1460	51
19-Feb-20 11:00:00	1460	53
15-Feb-20 11:00:00	1460	49
21-Feb-20 16:00:00	1460	64
14-Jan-20 09:00:00	1460	53
16-Feb-20 11:00:00	1459	56
10-Jan-20 19:00:00	1459	47
10-Mar-20 10:00:00	1458	42
19-Feb-20 10:00:00	1458	50
23-Jan-20 08:00:00	1457	47
15-Feb-20 20:00:00	1457	57
09-Mar-20 20:00:00	1457	45
06-Feb-20 17:00:00	1455	51

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Jan-20 17:00:00	1454	57
14-Jan-20 21:00:00	1454	54
19-Feb-20 09:00:00	1454	58
09-Mar-20 21:00:00	1453	45
14-Feb-20 08:00:00	1453	65
13-Jan-20 20:00:00	1452	62
19-Jan-20 16:00:00	1452	29
15-Jan-20 20:00:00	1452	46
22-Jan-20 16:00:00	1452	54
15-Jan-20 11:00:00	1451	49
09-Feb-20 19:00:00	1451	49
16-Dec-20 17:00:00	1451	66
17-Mar-20 06:00:00	1451	47
14-Jan-20 16:00:00	1450	45
09-Feb-20 18:00:00	1450	48
18-Jan-20 20:00:00	1450	34
31-Jan-20 17:00:00	1449	41
09-Feb-20 20:00:00	1448	55
23-Jan-20 09:00:00	1448	44
16-Feb-20 12:00:00	1448	62
10-Feb-20 17:00:00	1447	46
13-Jan-20 08:00:00	1447	61
22-Jan-20 18:00:00	1447	65
22-Jan-20 06:00:00	1446	60
16-Mar-20 08:00:00	1445	50
21-Feb-20 22:00:00	1445	50
19-Jan-20 19:00:00	1444	26
17-Jan-20 18:00:00	1444	45
11-Mar-20 08:00:00	1444	29
10-Jan-20 06:00:00	1443	54
06-Feb-20 09:00:00	1442	52
19-Feb-20 07:00:00	1441	56
03-Feb-20 17:00:00	1441	61
25-Jan-20 09:00:00	1440	50
17-Mar-20 09:00:00	1440	40
14-Feb-20 07:00:00	1440	75
15-Feb-20 12:00:00	1439	48
16-Jan-20 17:00:00	1439	61
20-Feb-20 23:00:00	1439	47
01-Feb-20 09:00:00	1438	35
06-Feb-20 18:00:00	1438	49

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
16-Jan-20 09:00:00	1437	54
19-Jan-20 07:00:00	1437	25
13-Mar-20 07:00:00	1436	46
18-Feb-20 19:00:00	1435	52
16-Mar-20 07:00:00	1434	37
16-Dec-20 16:00:00	1434	64
18-Feb-20 20:00:00	1434	53
15-Feb-20 16:00:00	1434	51
19-Feb-20 12:00:00	1434	53
13-Feb-20 08:00:00	1434	47
22-Jan-20 19:00:00	1433	64
22-Feb-20 18:00:00	1433	61
12-Jan-20 17:00:00	1433	56
10-Feb-20 09:00:00	1433	50
21-Jan-20 18:00:00	1432	58
13-Feb-20 07:00:00	1432	51
16-Jan-20 19:00:00	1432	59
19-Jan-20 13:00:00	1430	30
13-Mar-20 08:00:00	1430	45
06-Feb-20 16:00:00	1430	58
13-Jan-20 09:00:00	1430	64
13-Jan-20 21:00:00	1430	62
16-Jan-20 18:00:00	1429	61
21-Feb-20 13:00:00	1429	58
31-Jan-20 18:00:00	1429	45
01-Feb-20 08:00:00	1428	34
18-Feb-20 18:00:00	1427	52
22-Feb-20 10:00:00	1427	59
10-Jan-20 10:00:00	1427	41
09-Mar-20 08:00:00	1427	41
15-Feb-20 05:00:00	1427	70
22-Jan-20 11:00:00	1426	49
25-Jan-20 07:00:00	1426	55
23-Mar-20 07:00:00	1426	45
03-Mar-20 08:00:00	1425	40
09-Feb-20 17:00:00	1425	48
21-Jan-20 19:00:00	1425	58
16-Jan-20 20:00:00	1425	57
15-Feb-20 00:00:00	1424	60
18-Feb-20 21:00:00	1424	50
11-Mar-20 07:00:00	1424	29

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Jan-20 08:00:00	1424	46
01-Feb-20 18:00:00	1424	47
20-Feb-20 07:00:00	1424	58
09-Mar-20 19:00:00	1423	45
10-Feb-20 18:00:00	1423	46
02-Feb-20 14:00:00	1423	49
16-Feb-20 17:00:00	1423	56
16-Feb-20 13:00:00	1423	62
15-Feb-20 21:00:00	1423	55
10-Feb-20 16:00:00	1423	45
15-Jan-20 15:00:00	1423	45
09-Jan-20 17:00:00	1422	57
16-Feb-20 08:00:00	1421	57
22-Jan-20 20:00:00	1420	64
01-Feb-20 19:00:00	1420	47
23-Jan-20 17:00:00	1420	53
13-Jan-20 07:00:00	1419	59
21-Feb-20 15:00:00	1419	61
16-Dec-20 18:00:00	1419	67
02-Feb-20 16:00:00	1419	45
10-Feb-20 06:00:00	1419	37
02-Feb-20 17:00:00	1419	43
22-Feb-20 05:00:00	1418	43
21-Feb-20 05:00:00	1418	50
31-Jan-20 16:00:00	1418	41
08-Feb-20 17:00:00	1417	44
11-Mar-20 09:00:00	1417	29
06-Feb-20 19:00:00	1417	48
10-Jan-20 20:00:00	1417	47
09-Feb-20 21:00:00	1416	51
23-Mar-20 08:00:00	1416	50
14-Feb-20 09:00:00	1415	40
31-Jan-20 08:00:00	1415	33
23-Jan-20 07:00:00	1415	48
12-Jan-20 16:00:00	1414	60
02-Feb-20 09:00:00	1414	54
20-Feb-20 08:00:00	1414	64
02-Feb-20 15:00:00	1414	46
08-Feb-20 18:00:00	1413	44
13-Jan-20 16:00:00	1413	66
22-Feb-20 19:00:00	1412	67

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
09-Mar-20 22:00:00	1412	42
03-Feb-20 16:00:00	1412	62
15-Feb-20 13:00:00	1412	47
03-Feb-20 18:00:00	1411	57
31-Jan-20 07:00:00	1411	32
14-Jan-20 10:00:00	1411	43
10-Mar-20 19:00:00	1410	32
09-Jan-20 19:00:00	1410	56
31-Jan-20 19:00:00	1410	46
07-Feb-20 17:00:00	1410	37
10-Mar-20 05:00:00	1410	35
13-Feb-20 09:00:00	1410	42
10-Mar-20 20:00:00	1409	30
18-Jan-20 21:00:00	1409	31
15-Feb-20 01:00:00	1408	59
01-Feb-20 10:00:00	1408	35
19-Jan-20 20:00:00	1408	26
21-Feb-20 14:00:00	1407	59
21-Jan-20 09:00:00	1407	47
25-Jan-20 18:00:00	1407	55
21-Jan-20 20:00:00	1406	59
01-Feb-20 20:00:00	1406	45
16-Feb-20 18:00:00	1406	56
16-Jan-20 21:00:00	1406	55
10-Feb-20 10:00:00	1405	50
13-Jan-20 10:00:00	1405	67
10-Jan-20 11:00:00	1405	42
17-Jan-20 08:00:00	1405	46
07-Mar-20 17:00:00	1405	54
16-Dec-20 19:00:00	1404	67
25-Jan-20 19:00:00	1404	53
07-Mar-20 18:00:00	1404	54
16-Feb-20 16:00:00	1404	63
15-Feb-20 04:00:00	1403	48
16-Mar-20 09:00:00	1402	49
01-Feb-20 17:00:00	1402	47
19-Jan-20 06:00:00	1402	26
10-Mar-20 11:00:00	1402	40
15-Jan-20 21:00:00	1402	45
16-Feb-20 14:00:00	1401	64
17-Jan-20 19:00:00	1401	42

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
09-Jan-20 18:00:00	1400	57
13-Feb-20 17:00:00	1400	50
25-Jan-20 17:00:00	1400	57
19-Feb-20 13:00:00	1400	51
22-Feb-20 17:00:00	1399	51
09-Mar-20 07:00:00	1399	41
18-Jan-20 15:00:00	1399	44
21-Jan-20 16:00:00	1398	56
21-Feb-20 23:00:00	1398	49
20-Feb-20 15:00:00	1398	56
05-Feb-20 19:00:00	1398	41
15-Feb-20 14:00:00	1397	48
28-Feb-20 09:00:00	1397	39
07-Feb-20 16:00:00	1397	37
05-Feb-20 18:00:00	1396	43
12-Jan-20 18:00:00	1396	55
03-Mar-20 06:00:00	1396	34
27-Feb-20 19:00:00	1396	43
16-Dec-20 20:00:00	1395	66
21-Feb-20 00:00:00	1395	48
10-Feb-20 19:00:00	1395	46
28-Feb-20 08:00:00	1394	39
09-Jan-20 20:00:00	1394	56
06-Feb-20 20:00:00	1394	48
22-Jan-20 12:00:00	1394	45
25-Jan-20 10:00:00	1394	50
05-Feb-20 20:00:00	1394	39
31-Jan-20 20:00:00	1393	44
13-Feb-20 10:00:00	1393	45
22-Jan-20 15:00:00	1393	51
23-Jan-20 10:00:00	1392	50
14-Jan-20 22:00:00	1392	53
09-Jan-20 16:00:00	1392	58
08-Feb-20 19:00:00	1391	43
06-Feb-20 06:00:00	1391	48
15-Feb-20 03:00:00	1391	43
23-Jan-20 18:00:00	1390	54
03-Feb-20 08:00:00	1390	42
22-Feb-20 11:00:00	1390	48
15-Feb-20 02:00:00	1390	45
22-Feb-20 04:00:00	1390	43

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Feb-20 17:00:00	1390	43
15-Feb-20 15:00:00	1390	48
27-Feb-20 18:00:00	1389	48
24-Feb-20 07:00:00	1389	39
04-Feb-20 07:00:00	1389	62
13-Feb-20 16:00:00	1389	50
21-Jan-20 07:00:00	1388	46
20-Feb-20 09:00:00	1388	52
14-Feb-20 10:00:00	1388	43
16-Dec-20 08:00:00	1388	60
07-Mar-20 19:00:00	1387	54
14-Mar-20 10:00:00	1387	37
16-Feb-20 15:00:00	1387	62
22-Feb-20 20:00:00	1386	66
13-Feb-20 11:00:00	1386	44
10-Feb-20 11:00:00	1385	56
21-Feb-20 01:00:00	1385	46
19-Jan-20 14:00:00	1384	30
11-Mar-20 10:00:00	1384	32
03-Feb-20 19:00:00	1384	55
06-Feb-20 10:00:00	1384	53
09-Feb-20 09:00:00	1384	37
20-Mar-20 08:00:00	1384	21
10-Jan-20 15:00:00	1383	47
14-Feb-20 11:00:00	1383	46
14-Jan-20 06:00:00	1382	68
21-Jan-20 21:00:00	1382	60
21-Feb-20 04:00:00	1382	43
13-Feb-20 18:00:00	1381	51
08-Feb-20 16:00:00	1381	44
25-Jan-20 20:00:00	1380	52
10-Feb-20 12:00:00	1380	57
17-Dec-20 08:00:00	1380	50
14-Feb-20 15:00:00	1380	50
04-Feb-20 08:00:00	1380	57
27-Feb-20 20:00:00	1379	40
21-Feb-20 02:00:00	1379	45
03-Mar-20 09:00:00	1379	40
15-Feb-20 22:00:00	1379	52
09-Mar-20 09:00:00	1378	40
19-Feb-20 14:00:00	1378	50

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Mar-20 21:00:00	1378	30
22-Feb-20 03:00:00	1378	43
09-Feb-20 08:00:00	1378	37
10-Jan-20 12:00:00	1378	44
18-Feb-20 17:00:00	1378	51
13-Feb-20 12:00:00	1377	43
31-Dec-20 17:00:00	1377	56
10-Mar-20 18:00:00	1377	33
01-Feb-20 21:00:00	1377	47
28-Feb-20 10:00:00	1376	34
22-Jan-20 21:00:00	1375	58
07-Mar-20 16:00:00	1375	50
20-Jan-20 17:00:00	1375	48
07-Feb-20 18:00:00	1375	36
08-Jan-20 17:00:00	1375	63
14-Jan-20 11:00:00	1375	41
13-Jan-20 11:00:00	1375	68
19-Jan-20 15:00:00	1375	29
22-Jan-20 13:00:00	1373	45
21-Feb-20 03:00:00	1373	45
18-Feb-20 08:00:00	1373	46
06-Feb-20 15:00:00	1373	62
15-Jan-20 12:00:00	1372	49
19-Jan-20 21:00:00	1372	25
01-Feb-20 07:00:00	1371	32
23-Mar-20 09:00:00	1371	56
16-Jan-20 06:00:00	1371	46
12-Jan-20 19:00:00	1371	51
23-Jan-20 16:00:00	1370	49
20-Feb-20 10:00:00	1370	53
31-Dec-20 16:00:00	1370	54
14-Mar-20 09:00:00	1370	34
18-Jan-20 22:00:00	1370	30
13-Dec-20 17:00:00	1369	49
22-Mar-20 20:00:00	1369	41
03-Feb-20 09:00:00	1369	47
15-Jan-20 14:00:00	1369	46
16-Jan-20 16:00:00	1368	54
10-Feb-20 15:00:00	1368	51
28-Feb-20 07:00:00	1368	40
05-Feb-20 21:00:00	1368	39

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
17-Dec-20 09:00:00	1367	47
26-Jan-20 08:00:00	1367	49
18-Feb-20 22:00:00	1367	47
23-Jan-20 19:00:00	1367	49
01-Feb-20 11:00:00	1366	35
16-Feb-20 07:00:00	1366	49
05-Feb-20 08:00:00	1366	52
08-Feb-20 20:00:00	1366	43
22-Feb-20 00:00:00	1365	49
10-Mar-20 17:00:00	1365	34
12-Jan-20 15:00:00	1364	58
16-Feb-20 19:00:00	1364	55
17-Jan-20 20:00:00	1364	41
16-Jan-20 10:00:00	1364	55
22-Jan-20 14:00:00	1364	51
13-Feb-20 15:00:00	1364	50
10-Jan-20 21:00:00	1364	51
17-Dec-20 17:00:00	1364	52
31-Jan-20 15:00:00	1364	41
17-Mar-20 10:00:00	1363	39
02-Feb-20 18:00:00	1363	43
20-Feb-20 12:00:00	1363	58
15-Jan-20 13:00:00	1362	49
31-Jan-20 09:00:00	1362	35
09-Jan-20 21:00:00	1362	56
13-Feb-20 13:00:00	1362	45
22-Feb-20 02:00:00	1361	43
16-Dec-20 07:00:00	1361	59
17-Dec-20 11:00:00	1361	45
12-Feb-20 18:00:00	1361	45
Average (MW)	**1433**	**50**

Table B-2: Top 5% of Island Interconnected System Load Hours (2021)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
11-Feb-21 10:00:00	1518	52
11-Feb-21 17:00:00	1516	47
11-Feb-21 11:00:00	1514	53
11-Feb-21 09:00:00	1509	52
16-Dec-21 17:00:00	1506	78

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
22-Feb-21 08:00:00	1506	65
11-Feb-21 12:00:00	1501	52
16-Dec-21 19:00:00	1500	73
16-Dec-21 18:00:00	1498	75
21-Feb-21 17:00:00	1494	48
11-Feb-21 08:00:00	1493	55
22-Feb-21 07:00:00	1491	63
16-Dec-21 20:00:00	1489	73
11-Feb-21 16:00:00	1487	47
15-Dec-21 16:00:00	1482	65
16-Dec-21 08:00:00	1479	78
15-Dec-21 17:00:00	1478	69
22-Feb-21 09:00:00	1478	65
24-Dec-21 17:00:00	1477	73
11-Feb-21 13:00:00	1474	52
11-Feb-21 18:00:00	1471	47
21-Feb-21 16:00:00	1469	58
16-Dec-21 09:00:00	1468	77
24-Dec-21 16:00:00	1466	72
11-Feb-21 14:00:00	1459	51
16-Dec-21 21:00:00	1458	73
11-Feb-21 15:00:00	1456	46
17-Dec-21 08:00:00	1455	64
21-Feb-21 18:00:00	1450	46
20-Dec-21 17:00:00	1447	59
16-Dec-21 16:00:00	1446	79
11-Feb-21 19:00:00	1445	47
15-Dec-21 18:00:00	1445	61
16-Dec-21 10:00:00	1445	77
11-Feb-21 07:00:00	1444	55
17-Dec-21 09:00:00	1440	64
16-Dec-21 07:00:00	1438	78
15-Dec-21 19:00:00	1438	64
24-Dec-21 18:00:00	1434	74
21-Feb-21 19:00:00	1432	43
17-Dec-21 07:00:00	1431	64
17-Dec-21 10:00:00	1429	65
24-Dec-21 11:00:00	1425	72
20-Dec-21 18:00:00	1425	59
22-Feb-21 06:00:00	1424	50
21-Feb-21 10:00:00	1424	57

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
15-Dec-21 20:00:00	1422	66
16-Dec-21 11:00:00	1421	77
17-Dec-21 11:00:00	1420	69
17-Dec-21 16:00:00	1420	72
21-Feb-21 15:00:00	1420	60
20-Jan-21 17:00:00	1419	70
20-Dec-21 19:00:00	1419	63
19-Feb-21 08:00:00	1418	34
15-Dec-21 15:00:00	1418	61
17-Dec-21 17:00:00	1416	71
24-Dec-21 10:00:00	1415	74
21-Feb-21 11:00:00	1415	57
24-Dec-21 12:00:00	1415	72
22-Feb-21 10:00:00	1414	63
21-Jan-21 17:00:00	1411	57
21-Dec-21 08:00:00	1410	69
24-Dec-21 19:00:00	1409	73
11-Feb-21 20:00:00	1408	47
21-Feb-21 20:00:00	1407	41
24-Dec-21 15:00:00	1406	72
15-Dec-21 11:00:00	1406	56
21-Feb-21 09:00:00	1405	59
20-Dec-21 20:00:00	1404	66
15-Dec-21 10:00:00	1404	58
10-Dec-21 17:00:00	1402	68
20-Dec-21 16:00:00	1402	54
15-Dec-21 08:00:00	1401	71
21-Feb-21 14:00:00	1401	57
19-Feb-21 07:00:00	1399	32
24-Dec-21 09:00:00	1399	74
15-Dec-21 09:00:00	1398	64
16-Dec-21 12:00:00	1398	77
17-Dec-21 12:00:00	1396	74
21-Jan-21 16:00:00	1396	57
21-Feb-21 12:00:00	1396	59
21-Dec-21 09:00:00	1393	79
16-Dec-21 22:00:00	1393	73
29-Jan-21 08:00:00	1393	49
19-Dec-21 17:00:00	1392	79
24-Dec-21 13:00:00	1392	72
17-Mar-21 07:00:00	1391	51

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
15-Dec-21 12:00:00	1391	56
22-Feb-21 11:00:00	1390	63
20-Jan-21 18:00:00	1389	65
21-Feb-21 13:00:00	1388	58
24-Dec-21 14:00:00	1387	72
17-Mar-21 08:00:00	1386	60
15-Dec-21 21:00:00	1384	76
29-Mar-21 11:00:00	1384	65
15-Dec-21 14:00:00	1384	59
25-Jan-21 08:00:00	1384	43
24-Dec-21 20:00:00	1382	67
21-Dec-21 17:00:00	1382	75
18-Mar-21 08:00:00	1381	67
29-Jan-21 17:00:00	1381	50
17-Dec-21 13:00:00	1380	74
15-Dec-21 07:00:00	1380	72
17-Dec-21 15:00:00	1379	72
19-Dec-21 18:00:00	1378	78
19-Feb-21 09:00:00	1378	38
23-Jan-21 17:00:00	1378	52
16-Mar-21 08:00:00	1376	72
19-Feb-21 17:00:00	1375	56
29-Jan-21 09:00:00	1375	49
19-Dec-21 19:00:00	1373	77
17-Dec-21 14:00:00	1373	73
19-Feb-21 18:00:00	1372	53
25-Jan-21 09:00:00	1372	42
20-Jan-21 16:00:00	1372	70
10-Dec-21 18:00:00	1371	68
15-Dec-21 13:00:00	1371	55
21-Feb-21 21:00:00	1370	41
29-Mar-21 12:00:00	1370	66
20-Dec-21 21:00:00	1370	69
17-Dec-21 18:00:00	1369	72
28-Feb-21 11:00:00	1367	42
29-Mar-21 10:00:00	1366	62
20-Dec-21 09:00:00	1365	65
21-Dec-21 16:00:00	1365	76
10-Dec-21 16:00:00	1365	69
16-Dec-21 13:00:00	1364	77
28-Feb-21 12:00:00	1364	48

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Dec-21 07:00:00	1364	61
01-Feb-21 17:00:00	1363	56
03-Jan-21 17:00:00	1363	48
21-Jan-21 18:00:00	1362	58
18-Mar-21 07:00:00	1361	67
22-Feb-21 12:00:00	1361	62
20-Feb-21 17:00:00	1360	61
21-Jan-21 08:00:00	1360	59
20-Jan-21 19:00:00	1360	66
24-Dec-21 08:00:00	1360	73
02-Feb-21 08:00:00	1359	59
11-Jan-21 17:00:00	1359	75
16-Mar-21 09:00:00	1358	72
19-Dec-21 20:00:00	1358	77
10-Dec-21 19:00:00	1357	68
21-Jan-21 09:00:00	1357	62
31-Dec-21 17:00:00	1356	57
04-Jan-21 17:00:00	1356	66
22-Feb-21 18:00:00	1356	35
16-Dec-21 15:00:00	1355	79
29-Jan-21 10:00:00	1355	60
22-Feb-21 19:00:00	1355	33
16-Jan-21 17:00:00	1355	61
19-Feb-21 19:00:00	1355	52
20-Dec-21 10:00:00	1354	59
21-Jan-21 12:00:00	1354	57
29-Mar-21 09:00:00	1354	62
25-Jan-21 07:00:00	1354	42
11-Feb-21 06:00:00	1354	52
20-Feb-21 18:00:00	1353	56
21-Dec-21 18:00:00	1353	75
11-Feb-21 21:00:00	1353	47
29-Jan-21 07:00:00	1353	48
14-Dec-21 17:00:00	1353	75
20-Jan-21 08:00:00	1352	44
21-Feb-21 08:00:00	1352	54
16-Feb-21 08:00:00	1352	43
21-Jan-21 15:00:00	1350	57
20-Dec-21 08:00:00	1349	77
21-Jan-21 11:00:00	1349	60
24-Dec-21 21:00:00	1349	63

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
19-Feb-21 16:00:00	1348	56
21-Jan-21 10:00:00	1348	62
09-Mar-21 08:00:00	1348	36
13-Feb-21 17:00:00	1348	55
21-Dec-21 10:00:00	1347	85
20-Dec-21 11:00:00	1347	56
29-Jan-21 16:00:00	1347	50
22-Jan-21 09:00:00	1347	61
22-Feb-21 05:00:00	1346	28
25-Jan-21 10:00:00	1346	44
20-Jan-21 09:00:00	1345	44
31-Mar-21 08:00:00	1345	64
20-Feb-21 09:00:00	1345	66
01-Jan-21 17:00:00	1345	55
10-Feb-21 17:00:00	1345	59
21-Jan-21 13:00:00	1344	57
23-Jan-21 18:00:00	1344	51
02-Feb-21 09:00:00	1344	63
16-Dec-21 06:00:00	1344	73
23-Feb-21 08:00:00	1344	64
16-Dec-21 14:00:00	1344	78
20-Jan-21 10:00:00	1343	45
13-Feb-21 18:00:00	1343	55
20-Jan-21 11:00:00	1343	46
12-Feb-21 17:00:00	1343	65
11-Dec-21 09:00:00	1343	64
17-Dec-21 06:00:00	1342	64
28-Feb-21 10:00:00	1342	40
15-Feb-21 08:00:00	1342	34
17-Dec-21 19:00:00	1341	71
25-Dec-21 09:00:00	1340	72
16-Feb-21 17:00:00	1340	54
15-Feb-21 09:00:00	1340	38
21-Dec-21 12:00:00	1340	78
22-Jan-21 17:00:00	1339	60
28-Jan-21 17:00:00	1339	56
21-Jan-21 14:00:00	1339	57
22-Dec-21 17:00:00	1338	71
10-Feb-21 18:00:00	1337	65
22-Feb-21 20:00:00	1337	32
28-Feb-21 13:00:00	1337	48

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
26-Feb-21 18:00:00	1337	51
10-Feb-21 08:00:00	1337	55
11-Jan-21 16:00:00	1336	76
10-Feb-21 19:00:00	1336	62
25-Dec-21 11:00:00	1336	65
20-Feb-21 19:00:00	1336	57
22-Feb-21 17:00:00	1335	47
02-Feb-21 07:00:00	1335	54
10-Dec-21 20:00:00	1335	66
05-Jan-21 17:00:00	1335	70
20-Dec-21 12:00:00	1335	56
29-Mar-21 13:00:00	1334	65
18-Mar-21 09:00:00	1334	68
29-Jan-21 18:00:00	1334	50
25-Dec-21 10:00:00	1334	66
19-Dec-21 16:00:00	1334	78
25-Jan-21 17:00:00	1333	56
16-Feb-21 09:00:00	1333	45
19-Feb-21 10:00:00	1333	39
29-Mar-21 08:00:00	1333	62
29-Mar-21 16:00:00	1333	65
31-Mar-21 07:00:00	1333	64
21-Jan-21 19:00:00	1332	60
12-Feb-21 08:00:00	1332	55
01-Feb-21 16:00:00	1332	57
23-Jan-21 16:00:00	1332	52
17-Mar-21 09:00:00	1332	63
12-Feb-21 09:00:00	1332	57
21-Dec-21 19:00:00	1331	73
01-Jan-21 18:00:00	1331	54
16-Mar-21 10:00:00	1331	70
09-Mar-21 09:00:00	1331	36
20-Feb-21 08:00:00	1331	65
27-Jan-21 17:00:00	1330	50
01-Feb-21 18:00:00	1330	42
23-Feb-21 07:00:00	1330	51
19-Feb-21 20:00:00	1329	52
20-Feb-21 16:00:00	1328	58
20-Jan-21 15:00:00	1328	66
15-Dec-21 22:00:00	1328	76
14-Dec-21 18:00:00	1327	77

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
26-Feb-21 19:00:00	1327	51
12-Jan-21 08:00:00	1327	64
22-Dec-21 19:00:00	1327	71
03-Mar-21 07:00:00	1327	49
15-Feb-21 17:00:00	1326	51
20-Feb-21 10:00:00	1326	64
12-Jan-21 09:00:00	1325	66
10-Dec-21 08:00:00	1325	55
03-Jan-21 18:00:00	1325	49
04-Jan-21 16:00:00	1325	67
12-Feb-21 18:00:00	1325	66
16-Jan-21 16:00:00	1325	57
03-Jan-21 16:00:00	1325	48
21-Jan-21 07:00:00	1325	59
23-Feb-21 17:00:00	1325	57
21-Dec-21 13:00:00	1325	73
31-Dec-21 16:00:00	1324	57
19-Feb-21 06:00:00	1324	33
04-Mar-21 08:00:00	1324	41
20-Jan-21 20:00:00	1323	66
10-Feb-21 07:00:00	1323	47
01-Jan-21 19:00:00	1323	53
28-Jan-21 08:00:00	1323	48
22-Dec-21 18:00:00	1323	71
10-Feb-21 20:00:00	1323	64
23-Jan-21 09:00:00	1322	59
01-Jan-21 16:00:00	1322	55
02-Feb-21 17:00:00	1322	55
29-Mar-21 17:00:00	1322	69
16-Feb-21 18:00:00	1322	53
15-Feb-21 18:00:00	1322	50
08-Feb-21 11:00:00	1322	65
01-Feb-21 08:00:00	1321	65
26-Feb-21 17:00:00	1321	50
30-Jan-21 10:00:00	1321	69
30-Jan-21 17:00:00	1321	60
16-Dec-21 23:00:00	1321	67
22-Jan-21 10:00:00	1321	51
13-Feb-21 19:00:00	1320	47
11-Dec-21 17:00:00	1320	65
21-Dec-21 11:00:00	1320	84

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
30-Dec-21 17:00:00	1320	52
20-Dec-21 13:00:00	1320	54
09-Dec-21 17:00:00	1319	67
16-Mar-21 07:00:00	1319	57
15-Feb-21 10:00:00	1319	39
19-Dec-21 21:00:00	1319	77
30-Jan-21 11:00:00	1319	67
12-Feb-21 10:00:00	1318	58
03-Mar-21 08:00:00	1318	41
22-Dec-21 20:00:00	1318	72
22-Jan-21 08:00:00	1318	53
09-Feb-21 17:00:00	1318	66
25-Jan-21 11:00:00	1317	48
20-Dec-21 15:00:00	1317	44
21-Feb-21 22:00:00	1317	41
08-Feb-21 12:00:00	1316	65
16-Jan-21 11:00:00	1316	60
14-Dec-21 16:00:00	1316	69
09-Dec-21 16:00:00	1316	68
23-Jan-21 19:00:00	1316	51
21-Dec-21 14:00:00	1316	75
28-Jan-21 18:00:00	1316	57
19-Feb-21 11:00:00	1316	47
28-Feb-21 16:00:00	1316	49
04-Mar-21 09:00:00	1315	41
20-Jan-21 12:00:00	1315	46
20-Jan-21 07:00:00	1315	48
12-Jan-21 10:00:00	1315	68
11-Jan-21 18:00:00	1314	75
29-Mar-21 15:00:00	1314	64
28-Feb-21 17:00:00	1314	45
22-Jan-21 18:00:00	1314	63
12-Feb-21 16:00:00	1314	68
04-Jan-21 18:00:00	1314	66
14-Dec-21 19:00:00	1314	77
31-Dec-21 18:00:00	1314	58
16-Jan-21 10:00:00	1313	62
23-Jan-21 10:00:00	1313	62
08-Feb-21 10:00:00	1312	64
01-Feb-21 09:00:00	1312	61
11-Dec-21 08:00:00	1312	65

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
16-Mar-21 20:00:00	1312	52
16-Mar-21 19:00:00	1312	54
14-Feb-21 09:00:00	1311	43
16-Feb-21 16:00:00	1311	58
23-Feb-21 18:00:00	1311	60
16-Jan-21 12:00:00	1311	59
16-Feb-21 07:00:00	1310	45
01-Jan-21 20:00:00	1310	53
22-Dec-21 08:00:00	1310	62
26-Jan-21 08:00:00	1309	53
13-Feb-21 16:00:00	1309	59
30-Jan-21 09:00:00	1309	69
04-Dec-21 17:00:00	1309	71
22-Feb-21 04:00:00	1309	29
02-Feb-21 10:00:00	1308	61
01-Feb-21 19:00:00	1308	35
18-Feb-21 17:00:00	1308	31
02-Mar-21 11:00:00	1308	52
18-Feb-21 18:00:00	1308	30
03-Mar-21 18:00:00	1308	48
19-Feb-21 12:00:00	1308	55
26-Feb-21 20:00:00	1307	46
12-Jan-21 11:00:00	1307	68
11-Dec-21 16:00:00	1307	66
16-Jan-21 18:00:00	1307	63
29-Mar-21 14:00:00	1307	63
20-Dec-21 07:00:00	1307	73
16-Feb-21 10:00:00	1307	43
28-Dec-21 17:00:00	1307	65
01-Feb-21 10:00:00	1306	47
05-Jan-21 16:00:00	1306	74
23-Feb-21 16:00:00	1306	39
18-Feb-21 19:00:00	1306	33
18-Feb-21 08:00:00	1306	69
25-Dec-21 08:00:00	1305	68
03-Mar-21 19:00:00	1305	48
10-Dec-21 21:00:00	1305	69
14-Dec-21 20:00:00	1305	77
20-Feb-21 11:00:00	1304	58
20-Feb-21 20:00:00	1304	56
12-Feb-21 11:00:00	1304	59

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
02-Mar-21 10:00:00	1304	45
28-Jan-21 09:00:00	1304	56
25-Dec-21 16:00:00	1304	75
12-Feb-21 07:00:00	1303	49
26-Jan-21 09:00:00	1303	53
10-Feb-21 09:00:00	1303	43
12-Jan-21 17:00:00	1302	71
03-Jan-21 19:00:00	1302	49
20-Dec-21 14:00:00	1302	51
25-Dec-21 12:00:00	1302	69
15-Mar-21 08:00:00	1302	51
21-Dec-21 15:00:00	1302	75
28-Feb-21 09:00:00	1301	39
28-Feb-21 14:00:00	1301	48
14-Feb-21 08:00:00	1301	43
25-Jan-21 16:00:00	1301	56
10-Dec-21 07:00:00	1300	60
01-Feb-21 11:00:00	1300	46
02-Feb-21 18:00:00	1299	55
16-Feb-21 19:00:00	1299	48
24-Dec-21 22:00:00	1299	61
14-Feb-21 18:00:00	1299	36
15-Jan-21 17:00:00	1299	58
09-Feb-21 18:00:00	1298	72
22-Feb-21 21:00:00	1298	32
03-Mar-21 17:00:00	1298	48
02-Jan-21 17:00:00	1298	47
19-Feb-21 15:00:00	1298	56
26-Jan-21 17:00:00	1297	46
28-Feb-21 15:00:00	1297	49
09-Mar-21 10:00:00	1297	36
08-Mar-21 07:00:00	1297	43
09-Mar-21 07:00:00	1297	44
28-Jan-21 16:00:00	1297	57
28-Jan-21 19:00:00	1296	55
16-Feb-21 11:00:00	1296	45
18-Dec-21 17:00:00	1296	70
28-Jan-21 07:00:00	1296	52
16-Mar-21 17:00:00	1296	59
19-Dec-21 10:00:00	1296	74
23-Jan-21 11:00:00	1296	61

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
22-Feb-21 03:00:00	1296	29
22-Jan-21 19:00:00	1296	61
29-Jan-21 19:00:00	1295	50
19-Dec-21 11:00:00	1295	75
25-Jan-21 18:00:00	1295	56
20-Dec-21 22:00:00	1295	68
27-Jan-21 18:00:00	1295	57
31-Dec-21 10:00:00	1294	61
04-Mar-21 07:00:00	1294	41
25-Dec-21 17:00:00	1294	76
10-Feb-21 21:00:00	1294	63
06-Dec-21 17:00:00	1294	64
11-Jan-21 19:00:00	1293	75
27-Mar-21 17:00:00	1293	68
29-Dec-21 17:00:00	1293	66
27-Feb-21 08:00:00	1293	43
03-Feb-21 10:00:00	1293	58
16-Jan-21 09:00:00	1293	66
27-Feb-21 07:00:00	1293	39
12-Feb-21 19:00:00	1292	65
09-Dec-21 19:00:00	1292	61
27-Dec-21 17:00:00	1292	61
10-Jan-21 17:00:00	1292	74
Average (MW)	**1351**	**59**

Table B-3: Top 5% of Island Interconnected System Load Hours (2022)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
16-Feb-22 07:00:00	1614	66
16-Feb-22 08:00:00	1613	66
07-Feb-22 08:00:00	1600	86
07-Feb-22 07:00:00	1599	86
16-Feb-22 18:00:00	1583	76
16-Feb-22 17:00:00	1573	77
16-Feb-22 09:00:00	1571	66
12-Jan-22 08:00:00	1568	77
16-Feb-22 19:00:00	1568	76
28-Jan-22 08:00:00	1549	73
04-Jan-22 17:00:00	1545	75
07-Feb-22 09:00:00	1545	86

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
01-Mar-22 08:00:00	1541	76
16-Feb-22 10:00:00	1541	71
29-Dec-22 17:00:00	1540	60
12-Jan-22 09:00:00	1539	77
06-Feb-22 17:00:00	1539	86
01-Mar-22 07:00:00	1538	78
06-Feb-22 18:00:00	1538	86
06-Feb-22 19:00:00	1537	86
28-Jan-22 07:00:00	1531	68
06-Feb-22 20:00:00	1523	86
04-Jan-22 16:00:00	1523	66
16-Feb-22 20:00:00	1519	76
12-Jan-22 17:00:00	1519	76
29-Dec-22 18:00:00	1516	60
16-Feb-22 11:00:00	1513	78
04-Jan-22 18:00:00	1512	83
16-Feb-22 06:00:00	1511	66
12-Jan-22 07:00:00	1510	79
15-Feb-22 18:00:00	1509	76
16-Feb-22 16:00:00	1509	79
15-Feb-22 17:00:00	1508	76
01-Mar-22 09:00:00	1506	71
02-Feb-22 08:00:00	1504	82
05-Jan-22 08:00:00	1504	76
15-Feb-22 19:00:00	1504	76
04-Jan-22 19:00:00	1502	83
29-Dec-22 16:00:00	1500	62
14-Feb-22 17:00:00	1497	78
01-Mar-22 19:00:00	1494	73
12-Jan-22 10:00:00	1494	77
02-Mar-22 07:00:00	1493	64
07-Feb-22 06:00:00	1492	85
16-Feb-22 21:00:00	1492	73
29-Dec-22 19:00:00	1492	58
07-Feb-22 10:00:00	1492	86
01-Mar-22 18:00:00	1489	73
16-Feb-22 12:00:00	1487	78
12-Jan-22 16:00:00	1486	76
15-Feb-22 20:00:00	1486	67
06-Feb-22 16:00:00	1483	86
01-Mar-22 20:00:00	1483	73

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
02-Feb-22 09:00:00	1480	82
28-Jan-22 09:00:00	1480	73
06-Feb-22 21:00:00	1479	86
25-Feb-22 07:00:00	1478	74
04-Jan-22 20:00:00	1478	83
25-Feb-22 08:00:00	1477	75
17-Feb-22 08:00:00	1475	73
05-Jan-22 07:00:00	1475	63
14-Feb-22 16:00:00	1475	78
02-Feb-22 07:00:00	1472	82
17-Jan-22 08:00:00	1472	81
05-Jan-22 09:00:00	1470	74
29-Dec-22 11:00:00	1469	65
16-Jan-22 17:00:00	1469	82
12-Jan-22 11:00:00	1467	75
07-Feb-22 17:00:00	1466	86
29-Dec-22 10:00:00	1465	65
29-Dec-22 20:00:00	1463	54
14-Feb-22 18:00:00	1463	76
17-Feb-22 07:00:00	1459	67
02-Mar-22 08:00:00	1458	65
11-Jan-22 17:00:00	1457	69
01-Mar-22 10:00:00	1457	76
16-Feb-22 13:00:00	1456	75
17-Feb-22 09:00:00	1455	70
29-Dec-22 12:00:00	1455	65
07-Feb-22 11:00:00	1455	86
26-Feb-22 09:00:00	1453	78
01-Mar-22 21:00:00	1453	73
15-Feb-22 09:00:00	1452	71
05-Jan-22 10:00:00	1452	76
12-Jan-22 18:00:00	1450	74
07-Feb-22 18:00:00	1450	86
15-Feb-22 21:00:00	1450	64
16-Feb-22 15:00:00	1449	73
15-Feb-22 16:00:00	1448	76
16-Jan-22 16:00:00	1446	83
26-Feb-22 10:00:00	1446	78
26-Feb-22 19:00:00	1446	76
26-Feb-22 18:00:00	1445	80
14-Feb-22 08:00:00	1445	77

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
15-Feb-22 08:00:00	1445	71
01-Mar-22 17:00:00	1444	77
29-Dec-22 09:00:00	1444	67
01-Mar-22 06:00:00	1443	77
14-Mar-22 09:00:00	1442	77
12-Jan-22 12:00:00	1442	72
04-Jan-22 21:00:00	1441	77
25-Feb-22 09:00:00	1440	75
16-Feb-22 14:00:00	1440	71
14-Mar-22 08:00:00	1439	77
14-Feb-22 19:00:00	1439	76
09-Jan-22 09:00:00	1439	66
16-Feb-22 22:00:00	1438	70
02-Feb-22 10:00:00	1438	81
04-Jan-22 15:00:00	1438	64
07-Feb-22 19:00:00	1438	85
16-Mar-22 07:00:00	1436	75
22-Jan-22 17:00:00	1435	83
02-Mar-22 06:00:00	1435	64
16-Jan-22 18:00:00	1434	82
17-Jan-22 07:00:00	1434	82
22-Jan-22 18:00:00	1433	83
09-Jan-22 10:00:00	1433	72
15-Feb-22 10:00:00	1432	69
11-Jan-22 16:00:00	1431	69
26-Feb-22 20:00:00	1429	76
29-Dec-22 13:00:00	1429	62
26-Feb-22 08:00:00	1429	79
06-Feb-22 15:00:00	1427	86
26-Feb-22 11:00:00	1427	78
11-Jan-22 08:00:00	1426	77
16-Mar-22 08:00:00	1425	74
05-Jan-22 11:00:00	1425	70
22-Jan-22 08:00:00	1424	83
28-Dec-22 17:00:00	1424	78
11-Jan-22 18:00:00	1424	76
11-Jan-22 19:00:00	1423	77
14-Mar-22 10:00:00	1423	73
04-Jan-22 12:00:00	1423	64
17-Feb-22 10:00:00	1422	70
01-Mar-22 11:00:00	1422	76

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
12-Jan-22 19:00:00	1422	73
29-Dec-22 21:00:00	1421	52
28-Jan-22 17:00:00	1421	73
14-Feb-22 15:00:00	1420	77
16-Jan-22 13:00:00	1420	83
14-Feb-22 13:00:00	1420	78
16-Jan-22 12:00:00	1419	83
25-Feb-22 18:00:00	1418	82
14-Feb-22 12:00:00	1418	78
22-Jan-22 09:00:00	1417	83
30-Dec-22 17:00:00	1417	45
11-Jan-22 10:00:00	1417	80
29-Dec-22 15:00:00	1416	62
24-Feb-22 19:00:00	1416	84
24-Feb-22 18:00:00	1416	84
04-Jan-22 14:00:00	1416	62
19-Jan-22 17:00:00	1416	80
28-Jan-22 06:00:00	1415	68
14-Feb-22 20:00:00	1415	76
22-Jan-22 19:00:00	1415	82
04-Jan-22 11:00:00	1414	60
25-Feb-22 17:00:00	1414	82
16-Jan-22 19:00:00	1413	83
05-Mar-22 18:00:00	1413	68
27-Jan-22 17:00:00	1413	75
21-Jan-22 17:00:00	1413	80
07-Feb-22 12:00:00	1413	85
04-Jan-22 13:00:00	1413	61
17-Jan-22 09:00:00	1413	80
11-Jan-22 09:00:00	1412	78
24-Nov-22 17:00:00	1412	19
06-Feb-22 22:00:00	1411	81
12-Jan-22 06:00:00	1411	78
09-Jan-22 17:00:00	1411	63
29-Dec-22 14:00:00	1411	62
07-Feb-22 20:00:00	1410	83
15-Feb-22 11:00:00	1410	69
16-Jan-22 15:00:00	1409	83
24-Feb-22 17:00:00	1408	84
12-Jan-22 15:00:00	1408	76
14-Mar-22 07:00:00	1407	75

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
25-Feb-22 10:00:00	1407	73
16-Jan-22 14:00:00	1407	83
05-Mar-22 19:00:00	1407	68
11-Jan-22 11:00:00	1406	76
24-Nov-22 16:00:00	1406	14
29-Dec-22 08:00:00	1405	70
14-Mar-22 11:00:00	1405	72
12-Jan-22 13:00:00	1405	72
01-Feb-22 17:00:00	1405	86
11-Jan-22 20:00:00	1404	77
05-Jan-22 17:00:00	1404	65
16-Feb-22 05:00:00	1404	64
09-Jan-22 11:00:00	1404	72
06-Feb-22 14:00:00	1403	86
15-Feb-22 07:00:00	1403	75
14-Feb-22 14:00:00	1403	77
14-Feb-22 07:00:00	1403	75
28-Jan-22 16:00:00	1402	74
06-Feb-22 11:00:00	1401	86
06-Feb-22 10:00:00	1401	84
01-Feb-22 19:00:00	1401	86
25-Feb-22 19:00:00	1400	82
01-Mar-22 22:00:00	1400	73
27-Feb-22 18:00:00	1400	71
27-Jan-22 18:00:00	1400	74
28-Jan-22 10:00:00	1399	73
01-Feb-22 18:00:00	1399	86
07-Feb-22 16:00:00	1399	86
17-Feb-22 11:00:00	1398	69
16-Jan-22 11:00:00	1398	83
27-Feb-22 19:00:00	1398	71
15-Feb-22 12:00:00	1398	68
02-Mar-22 09:00:00	1398	68
12-Jan-22 20:00:00	1397	73
30-Dec-22 08:00:00	1397	42
07-Feb-22 05:00:00	1397	83
30-Dec-22 09:00:00	1397	40
06-Feb-22 13:00:00	1396	86
23-Feb-22 08:00:00	1396	77
04-Jan-22 10:00:00	1396	58
26-Feb-22 21:00:00	1396	76

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
14-Mar-22 20:00:00	1396	81
28-Dec-22 18:00:00	1395	77
06-Feb-22 12:00:00	1394	86
04-Mar-22 19:00:00	1394	66
24-Feb-22 20:00:00	1393	84
22-Jan-22 20:00:00	1392	81
21-Feb-22 08:00:00	1392	82
15-Feb-22 15:00:00	1392	74
19-Jan-22 18:00:00	1392	82
26-Feb-22 17:00:00	1391	80
14-Feb-22 11:00:00	1391	78
05-Jan-22 06:00:00	1391	64
01-Mar-22 12:00:00	1390	73
22-Jan-22 10:00:00	1390	83
04-Jan-22 22:00:00	1390	75
14-Feb-22 09:00:00	1389	77
27-Jan-22 19:00:00	1389	68
28-Dec-22 16:00:00	1388	77
21-Jan-22 16:00:00	1388	81
16-Jan-22 20:00:00	1388	83
05-Mar-22 20:00:00	1388	68
27-Feb-22 08:00:00	1388	77
26-Feb-22 12:00:00	1387	78
04-Mar-22 18:00:00	1386	66
22-Jan-22 07:00:00	1384	84
01-Feb-22 20:00:00	1384	86
09-Mar-22 07:00:00	1384	63
05-Jan-22 16:00:00	1384	57
15-Feb-22 22:00:00	1384	64
30-Dec-22 16:00:00	1384	45
25-Feb-22 06:00:00	1383	75
09-Jan-22 08:00:00	1383	58
21-Feb-22 09:00:00	1383	83
26-Feb-22 07:00:00	1383	79
06-Feb-22 09:00:00	1383	83
08-Jan-22 17:00:00	1383	58
17-Mar-22 08:00:00	1383	75
30-Dec-22 18:00:00	1383	45
19-Jan-22 19:00:00	1383	82
09-Jan-22 16:00:00	1382	62
28-Jan-22 18:00:00	1381	73

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
23-Jan-22 17:00:00	1381	82
04-Mar-22 20:00:00	1380	66
04-Jan-22 09:00:00	1380	56
27-Feb-22 17:00:00	1380	72
16-Jan-22 10:00:00	1380	83
12-Jan-22 14:00:00	1380	76
24-Nov-22 18:00:00	1379	27
17-Feb-22 12:00:00	1379	68
21-Jan-22 18:00:00	1378	80
01-Mar-22 16:00:00	1378	78
23-Feb-22 09:00:00	1378	76
14-Mar-22 12:00:00	1378	73
15-Mar-22 08:00:00	1377	77
14-Mar-22 19:00:00	1376	81
25-Feb-22 11:00:00	1376	76
23-Jan-22 09:00:00	1376	83
11-Jan-22 12:00:00	1376	73
14-Feb-22 10:00:00	1376	77
30-Dec-22 07:00:00	1376	45
27-Jan-22 20:00:00	1375	68
17-Mar-22 07:00:00	1375	75
17-Feb-22 06:00:00	1375	63
28-Dec-22 19:00:00	1375	77
28-Feb-22 08:00:00	1374	81
19-Jan-22 16:00:00	1374	77
30-Dec-22 10:00:00	1374	40
13-Jan-22 08:00:00	1374	70
25-Feb-22 20:00:00	1373	82
11-Jan-22 21:00:00	1373	76
27-Feb-22 09:00:00	1373	77
23-Feb-22 10:00:00	1373	76
15-Mar-22 07:00:00	1372	77
27-Feb-22 07:00:00	1372	76
02-Feb-22 11:00:00	1372	79
19-Jan-22 20:00:00	1372	82
23-Jan-22 11:00:00	1372	82
24-Feb-22 16:00:00	1372	81
02-Feb-22 06:00:00	1371	82
14-Mar-22 21:00:00	1371	80
13-Jan-22 09:00:00	1371	58
09-Jan-22 18:00:00	1371	59

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
15-Feb-22 14:00:00	1370	68
30-Nov-22 08:00:00	1370	55
07-Feb-22 13:00:00	1370	86
27-Feb-22 20:00:00	1370	71
10-Mar-22 08:00:00	1369	58
16-Feb-22 23:00:00	1369	65
09-Mar-22 08:00:00	1368	62
11-Jan-22 15:00:00	1368	69
14-Feb-22 21:00:00	1368	77
05-Mar-22 17:00:00	1368	68
15-Feb-22 13:00:00	1367	69
21-Feb-22 07:00:00	1367	82
04-Mar-22 08:00:00	1367	69
24-Nov-22 19:00:00	1367	32
27-Feb-22 11:00:00	1366	76
21-Feb-22 10:00:00	1365	84
11-Jan-22 07:00:00	1364	73
21-Jan-22 19:00:00	1364	80
14-Mar-22 17:00:00	1364	81
27-Feb-22 10:00:00	1364	77
12-Jan-22 21:00:00	1364	71
23-Jan-22 12:00:00	1364	82
23-Feb-22 07:00:00	1362	77
25-Feb-22 16:00:00	1362	81
16-Mar-22 09:00:00	1362	73
07-Feb-22 21:00:00	1362	83
02-Mar-22 10:00:00	1361	69
08-Jan-22 18:00:00	1361	57
05-Jan-22 12:00:00	1361	69
17-Jan-22 10:00:00	1360	79
22-Jan-22 11:00:00	1359	83
09-Jan-22 12:00:00	1359	71
20-Jan-22 08:00:00	1359	81
24-Feb-22 21:00:00	1359	84
30-Dec-22 19:00:00	1359	45
05-Mar-22 21:00:00	1358	67
30-Nov-22 17:00:00	1358	34
29-Dec-22 07:00:00	1358	75
03-Jan-22 17:00:00	1358	73
30-Nov-22 18:00:00	1358	34
28-Feb-22 07:00:00	1358	76

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
20-Jan-22 09:00:00	1358	81
28-Dec-22 20:00:00	1357	77
23-Dec-22 17:00:00	1357	83
29-Dec-22 22:00:00	1357	45
27-Jan-22 16:00:00	1357	78
10-Mar-22 07:00:00	1356	58
23-Feb-22 11:00:00	1356	73
02-Mar-22 05:00:00	1356	64
04-Mar-22 21:00:00	1356	66
08-Feb-22 08:00:00	1356	82
28-Jan-22 15:00:00	1356	74
23-Jan-22 10:00:00	1356	82
16-Feb-22 04:00:00	1356	65
30-Nov-22 19:00:00	1355	36
23-Jan-22 18:00:00	1355	82
23-Jan-22 16:00:00	1355	82
22-Jan-22 21:00:00	1354	81
07-Feb-22 14:00:00	1354	86
04-Feb-22 17:00:00	1354	86
26-Feb-22 22:00:00	1354	76
17-Mar-22 09:00:00	1353	75
08-Jan-22 19:00:00	1353	56
01-Feb-22 09:00:00	1352	86
27-Feb-22 16:00:00	1352	73
11-Jan-22 13:00:00	1352	70
13-Mar-22 20:00:00	1352	72
28-Jan-22 11:00:00	1352	74
08-Feb-22 07:00:00	1352	82
05-Jan-22 18:00:00	1351	63
04-Mar-22 17:00:00	1351	66
27-Jan-22 08:00:00	1351	84
22-Jan-22 16:00:00	1351	83
04-Jan-22 08:00:00	1350	54
27-Feb-22 12:00:00	1350	77
13-Jan-22 10:00:00	1350	61
14-Mar-22 18:00:00	1350	81
07-Feb-22 04:00:00	1350	84
24-Jan-22 17:00:00	1349	72
30-Dec-22 11:00:00	1349	42
24-Nov-22 08:00:00	1349	19
01-Mar-22 05:00:00	1349	73

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
01-Mar-22 13:00:00	1349	64
01-Feb-22 21:00:00	1349	86
30-Nov-22 07:00:00	1348	56
02-Feb-22 18:00:00	1348	84
30-Dec-22 20:00:00	1348	40
06-Feb-22 23:00:00	1348	81
17-Jan-22 06:00:00	1348	82
28-Jan-22 13:00:00	1347	78
02-Feb-22 19:00:00	1347	84
24-Nov-22 15:00:00	1347	15
16-Jan-22 21:00:00	1347	83
24-Nov-22 20:00:00	1347	27
07-Feb-22 15:00:00	1347	86
12-Dec-22 17:00:00	1346	19
24-Nov-22 09:00:00	1346	17
20-Feb-22 19:00:00	1346	82
20-Jan-22 10:00:00	1346	80
28-Jan-22 19:00:00	1346	73
27-Jan-22 21:00:00	1345	68
14-Mar-22 16:00:00	1345	81
20-Feb-22 18:00:00	1345	82
02-Feb-22 17:00:00	1345	84
21-Feb-22 11:00:00	1345	84
23-Dec-22 09:00:00	1345	82
13-Jan-22 17:00:00	1344	68
01-Feb-22 08:00:00	1344	86
21-Jan-22 20:00:00	1344	80
11-Dec-22 17:00:00	1344	32
09-Jan-22 19:00:00	1343	56
25-Feb-22 12:00:00	1343	76
28-Jan-22 14:00:00	1343	75
24-Dec-22 16:00:00	1342	78
30-Nov-22 20:00:00	1342	36
07-Mar-22 17:00:00	1342	53
16-Jan-22 09:00:00	1342	81
08-Feb-22 17:00:00	1341	80
01-Mar-22 23:00:00	1341	71
07-Mar-22 08:00:00	1341	64
06-Mar-22 19:00:00	1341	68
13-Mar-22 21:00:00	1341	72
28-Jan-22 12:00:00	1340	78

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
13-Jan-22 11:00:00	1340	57
24-Jan-22 09:00:00	1339	79
03-Feb-22 08:00:00	1339	82
06-Mar-22 18:00:00	1339	68
30-Nov-22 09:00:00	1339	50
14-Mar-22 13:00:00	1338	74
13-Jan-22 16:00:00	1338	70
19-Jan-22 21:00:00	1338	82
12-Dec-22 16:00:00	1337	24
24-Dec-22 14:00:00	1337	75
04-Feb-22 16:00:00	1337	88
21-Jan-22 15:00:00	1336	81
22-Dec-22 17:00:00	1336	81
22-Feb-22 20:00:00	1336	80
24-Dec-22 11:00:00	1336	75
24-Jan-22 08:00:00	1336	79
Average (MW)	**1407**	**73**

Table B-4: Top 5% of Island Interconnected System Load Hours (2023)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
27-Feb-23 07:00:00	1770	77
24-Feb-23 08:00:00	1761	64
24-Feb-23 09:00:00	1744	63
28-Feb-23 07:00:00	1733	77
27-Feb-23 08:00:00	1732	78
24-Feb-23 07:00:00	1726	64
04-Feb-23 12:00:00	1714	68
04-Feb-23 11:00:00	1710	69
04-Feb-23 17:00:00	1702	77
04-Feb-23 16:00:00	1702	77
24-Feb-23 10:00:00	1697	66
28-Feb-23 08:00:00	1691	73
26-Feb-23 08:00:00	1690	76
04-Feb-23 13:00:00	1690	68
04-Feb-23 15:00:00	1688	77
26-Feb-23 19:00:00	1686	58
26-Feb-23 09:00:00	1686	74
04-Feb-23 10:00:00	1683	73
04-Feb-23 14:00:00	1682	68

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
26-Feb-23 20:00:00	1679	61
25-Feb-23 18:00:00	1677	73
26-Feb-23 18:00:00	1676	57
01-Mar-23 08:00:00	1676	66
01-Mar-23 07:00:00	1675	69
25-Feb-23 09:00:00	1674	66
25-Feb-23 19:00:00	1667	73
27-Feb-23 06:00:00	1663	75
04-Feb-23 18:00:00	1663	75
25-Feb-23 08:00:00	1660	66
26-Feb-23 07:00:00	1658	77
27-Feb-23 09:00:00	1658	78
04-Feb-23 19:00:00	1656	71
25-Feb-23 17:00:00	1650	72
25-Feb-23 20:00:00	1650	72
26-Feb-23 10:00:00	1649	73
25-Feb-23 10:00:00	1649	66
28-Feb-23 06:00:00	1647	77
26-Feb-23 21:00:00	1645	64
04-Feb-23 09:00:00	1643	73
04-Feb-23 20:00:00	1632	65
24-Feb-23 18:00:00	1631	71
26-Feb-23 17:00:00	1631	57
24-Feb-23 11:00:00	1631	73
24-Feb-23 19:00:00	1624	71
25-Feb-23 11:00:00	1624	66
25-Feb-23 21:00:00	1621	71
24-Feb-23 20:00:00	1617	65
24-Feb-23 06:00:00	1614	64
01-Mar-23 09:00:00	1614	69
25-Feb-23 07:00:00	1611	68
13-Jan-23 08:00:00	1611	63
26-Feb-23 06:00:00	1608	78
26-Feb-23 11:00:00	1606	72
28-Feb-23 09:00:00	1604	73
25-Feb-23 16:00:00	1602	70
27-Feb-23 19:00:00	1601	70
02-Mar-23 07:00:00	1601	66
13-Jan-23 07:00:00	1598	64
27-Feb-23 20:00:00	1597	70
25-Feb-23 12:00:00	1597	67

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
27-Feb-23 10:00:00	1597	77
24-Feb-23 21:00:00	1596	65
27-Feb-23 18:00:00	1589	71
28-Feb-23 18:00:00	1588	67
28-Feb-23 19:00:00	1587	62
04-Feb-23 21:00:00	1586	62
02-Mar-23 08:00:00	1584	64
26-Feb-23 22:00:00	1583	64
10-Feb-23 08:00:00	1582	64
24-Feb-23 12:00:00	1579	71
04-Feb-23 08:00:00	1577	74
28-Feb-23 20:00:00	1577	61
25-Feb-23 22:00:00	1575	71
26-Feb-23 16:00:00	1574	57
13-Jan-23 09:00:00	1573	66
27-Feb-23 21:00:00	1571	61
27-Feb-23 17:00:00	1571	72
01-Mar-23 06:00:00	1568	67
24-Feb-23 17:00:00	1564	73
26-Feb-23 05:00:00	1564	77
26-Feb-23 12:00:00	1560	64
02-Feb-23 07:00:00	1558	80
28-Feb-23 17:00:00	1558	62
27-Feb-23 05:00:00	1557	58
25-Feb-23 06:00:00	1557	64
10-Feb-23 07:00:00	1556	61
27-Feb-23 11:00:00	1556	71
25-Feb-23 15:00:00	1554	72
25-Feb-23 13:00:00	1554	72
24-Feb-23 22:00:00	1551	65
28-Feb-23 21:00:00	1550	61
01-Mar-23 10:00:00	1549	68
28-Feb-23 05:00:00	1547	72
13-Jan-23 10:00:00	1546	65
02-Feb-23 08:00:00	1545	80
25-Feb-23 14:00:00	1545	71
10-Feb-23 09:00:00	1540	58
26-Feb-23 04:00:00	1537	77
25-Feb-23 23:00:00	1535	74
23-Feb-23 21:00:00	1532	73
28-Feb-23 10:00:00	1530	71

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
23-Feb-23 20:00:00	1530	70
26-Feb-23 13:00:00	1528	57
03-Mar-23 07:00:00	1527	64
26-Feb-23 23:00:00	1527	64
23-Feb-23 19:00:00	1526	72
26-Feb-23 15:00:00	1523	57
02-Feb-23 06:00:00	1523	79
12-Jan-23 17:00:00	1523	60
24-Feb-23 13:00:00	1523	69
01-Mar-23 20:00:00	1521	51
12-Jan-23 08:00:00	1519	64
26-Feb-23 03:00:00	1519	77
13-Jan-23 11:00:00	1519	65
02-Feb-23 18:00:00	1517	77
27-Feb-23 04:00:00	1516	57
23-Feb-23 18:00:00	1516	76
01-Feb-23 19:00:00	1515	77
24-Feb-23 05:00:00	1514	65
04-Feb-23 22:00:00	1513	61
02-Mar-23 09:00:00	1512	63
10-Feb-23 10:00:00	1511	58
27-Feb-23 12:00:00	1511	64
02-Feb-23 19:00:00	1510	77
01-Mar-23 19:00:00	1510	51
27-Feb-23 22:00:00	1510	61
26-Feb-23 00:00:00	1510	76
02-Feb-23 17:00:00	1510	77
26-Feb-23 14:00:00	1510	57
01-Feb-23 18:00:00	1507	77
26-Feb-23 02:00:00	1507	76
27-Feb-23 03:00:00	1506	55
05-Feb-23 17:00:00	1506	65
25-Feb-23 05:00:00	1505	64
27-Feb-23 16:00:00	1505	65
24-Feb-23 16:00:00	1505	71
01-Feb-23 20:00:00	1504	79
02-Mar-23 06:00:00	1504	54
04-Feb-23 07:00:00	1502	77
26-Feb-23 01:00:00	1501	76
27-Feb-23 00:00:00	1500	61
28-Feb-23 16:00:00	1500	61

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
12-Jan-23 09:00:00	1499	62
13-Jan-23 06:00:00	1496	61
27-Feb-23 01:00:00	1496	59
23-Feb-23 22:00:00	1496	72
27-Feb-23 02:00:00	1496	56
05-Jan-23 17:00:00	1494	51
01-Feb-23 17:00:00	1493	77
28-Feb-23 04:00:00	1493	54
13-Jan-23 12:00:00	1492	61
24-Feb-23 14:00:00	1492	70
28-Feb-23 22:00:00	1491	61
28-Feb-23 11:00:00	1490	68
02-Feb-23 20:00:00	1490	77
05-Feb-23 18:00:00	1489	64
01-Mar-23 18:00:00	1489	50
12-Jan-23 18:00:00	1489	59
24-Feb-23 23:00:00	1489	65
13-Jan-23 16:00:00	1487	61
13-Jan-23 17:00:00	1487	56
02-Feb-23 09:00:00	1485	83
01-Feb-23 21:00:00	1484	80
12-Jan-23 19:00:00	1482	60
01-Feb-23 08:00:00	1482	78
01-Mar-23 11:00:00	1480	64
12-Jan-23 07:00:00	1480	62
01-Mar-23 21:00:00	1477	50
11-Jan-23 17:00:00	1476	69
23-Feb-23 08:00:00	1476	81
23-Feb-23 07:00:00	1475	79
07-Feb-23 08:00:00	1475	76
10-Jan-23 17:00:00	1473	39
01-Mar-23 05:00:00	1472	56
24-Feb-23 15:00:00	1472	70
25-Feb-23 04:00:00	1471	64
03-Mar-23 08:00:00	1470	59
24-Feb-23 04:00:00	1470	65
05-Jan-23 18:00:00	1470	51
12-Jan-23 20:00:00	1470	60
05-Feb-23 19:00:00	1469	63
12-Jan-23 16:00:00	1469	59
12-Feb-23 08:00:00	1467	61

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Jan-23 19:00:00	1466	51
28-Feb-23 03:00:00	1465	49
13-Jan-23 13:00:00	1464	61
12-Feb-23 09:00:00	1463	61
27-Feb-23 13:00:00	1463	56
05-Feb-23 08:00:00	1463	74
07-Feb-23 19:00:00	1463	58
03-Feb-23 08:00:00	1463	73
28-Feb-23 12:00:00	1461	65
05-Feb-23 09:00:00	1460	74
01-Feb-23 09:00:00	1460	78
10-Jan-23 16:00:00	1459	39
12-Jan-23 10:00:00	1459	64
05-Feb-23 16:00:00	1459	70
07-Feb-23 18:00:00	1459	59
14-Feb-23 10:00:00	1456	68
03-Mar-23 06:00:00	1456	50
07-Feb-23 09:00:00	1455	79
06-Jan-23 09:00:00	1454	31
06-Jan-23 08:00:00	1453	32
14-Feb-23 11:00:00	1453	66
10-Feb-23 17:00:00	1453	66
13-Jan-23 15:00:00	1452	62
27-Feb-23 23:00:00	1452	60
09-Feb-23 19:00:00	1452	68
23-Feb-23 17:00:00	1451	78
10-Jan-23 10:00:00	1451	48
25-Feb-23 03:00:00	1451	64
11-Jan-23 16:00:00	1451	70
10-Feb-23 06:00:00	1450	55
10-Feb-23 11:00:00	1450	58
03-Feb-23 16:00:00	1450	70
25-Feb-23 00:00:00	1450	66
14-Feb-23 17:00:00	1449	57
02-Mar-23 19:00:00	1449	47
07-Feb-23 17:00:00	1449	59
14-Feb-23 09:00:00	1448	68
27-Feb-23 15:00:00	1447	54
14-Feb-23 12:00:00	1447	66
12-Feb-23 17:00:00	1446	67
03-Feb-23 09:00:00	1446	75

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
02-Mar-23 10:00:00	1446	63
20-Feb-23 07:00:00	1446	70
12-Feb-23 18:00:00	1446	67
04-Feb-23 23:00:00	1445	61
02-Mar-23 18:00:00	1445	47
10-Jan-23 09:00:00	1444	52
24-Feb-23 03:00:00	1444	66
09-Feb-23 20:00:00	1444	72
09-Feb-23 18:00:00	1444	65
13-Jan-23 14:00:00	1444	60
23-Feb-23 23:00:00	1444	72
08-Feb-23 08:00:00	1444	66
03-Feb-23 17:00:00	1443	69
02-Feb-23 21:00:00	1443	77
03-Feb-23 07:00:00	1443	72
05-Feb-23 10:00:00	1442	74
28-Feb-23 15:00:00	1442	61
10-Jan-23 12:00:00	1441	41
11-Jan-23 18:00:00	1441	69
12-Jan-23 11:00:00	1441	66
01-Feb-23 07:00:00	1441	78
05-Feb-23 20:00:00	1441	62
28-Feb-23 02:00:00	1440	46
07-Feb-23 07:00:00	1440	59
28-Feb-23 23:00:00	1440	57
25-Feb-23 02:00:00	1439	65
05-Jan-23 20:00:00	1439	51
07-Feb-23 20:00:00	1439	58
01-Mar-23 17:00:00	1438	60
25-Feb-23 01:00:00	1438	67
27-Feb-23 14:00:00	1438	57
14-Feb-23 16:00:00	1437	58
23-Feb-23 09:00:00	1437	80
18-Feb-23 18:00:00	1437	58
10-Jan-23 11:00:00	1437	44
12-Feb-23 10:00:00	1436	64
05-Feb-23 11:00:00	1436	74
10-Feb-23 18:00:00	1436	66
02-Mar-23 20:00:00	1436	46
12-Jan-23 21:00:00	1435	60
14-Dec-23 17:00:00	1435	66

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Feb-23 16:00:00	1435	70
09-Jan-23 08:00:00	1435	67
12-Feb-23 07:00:00	1435	58
01-Mar-23 04:00:00	1434	55
09-Jan-23 17:00:00	1434	54
13-Feb-23 07:00:00	1434	65
06-Jan-23 07:00:00	1433	34
09-Feb-23 17:00:00	1432	63
08-Feb-23 07:00:00	1431	69
02-Feb-23 05:00:00	1431	79
06-Jan-23 10:00:00	1431	32
10-Jan-23 18:00:00	1429	39
01-Feb-23 22:00:00	1429	80
12-Feb-23 19:00:00	1428	61
03-Feb-23 15:00:00	1427	71
13-Jan-23 18:00:00	1427	56
28-Feb-23 13:00:00	1427	58
01-Mar-23 03:00:00	1425	55
18-Feb-23 19:00:00	1425	56
20-Feb-23 08:00:00	1425	70
11-Jan-23 19:00:00	1424	68
02-Feb-23 16:00:00	1424	75
07-Feb-23 10:00:00	1424	72
10-Jan-23 08:00:00	1424	57
14-Feb-23 08:00:00	1423	67
09-Jan-23 16:00:00	1423	55
06-Jan-23 17:00:00	1423	38
11-Jan-23 08:00:00	1423	66
14-Feb-23 18:00:00	1422	58
05-Jan-23 16:00:00	1422	51
02-Feb-23 10:00:00	1422	79
05-Feb-23 12:00:00	1422	74
09-Jan-23 09:00:00	1422	68
24-Feb-23 02:00:00	1422	71
28-Feb-23 01:00:00	1422	45
28-Feb-23 00:00:00	1421	47
18-Feb-23 17:00:00	1421	63
03-Feb-23 10:00:00	1420	75
04-Feb-23 06:00:00	1419	76
09-Feb-23 21:00:00	1418	68
05-Feb-23 07:00:00	1418	75

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
24-Feb-23 00:00:00	1418	72
03-Feb-23 11:00:00	1418	75
01-Mar-23 12:00:00	1417	64
01-Feb-23 10:00:00	1417	80
19-Feb-23 08:00:00	1417	52
02-Mar-23 05:00:00	1416	52
24-Feb-23 01:00:00	1416	70
08-Feb-23 09:00:00	1416	64
05-Feb-23 13:00:00	1415	74
11-Jan-23 09:00:00	1414	67
03-Feb-23 12:00:00	1413	76
28-Feb-23 14:00:00	1413	61
10-Feb-23 19:00:00	1413	65
10-Jan-23 13:00:00	1413	42
09-Jan-23 07:00:00	1412	61
14-Dec-23 18:00:00	1412	65
19-Feb-23 09:00:00	1412	51
01-Mar-23 02:00:00	1412	57
15-Dec-23 08:00:00	1411	74
13-Feb-23 08:00:00	1411	70
11-Jan-23 20:00:00	1410	69
03-Feb-23 14:00:00	1409	67
01-Mar-23 22:00:00	1409	50
05-Feb-23 14:00:00	1409	74
05-Jan-23 08:00:00	1409	57
06-Jan-23 11:00:00	1409	33
03-Feb-23 13:00:00	1406	75
01-Mar-23 00:00:00	1405	57
12-Feb-23 11:00:00	1405	66
14-Feb-23 19:00:00	1405	57
01-Feb-23 16:00:00	1403	78
11-Jan-23 10:00:00	1402	65
14-Feb-23 15:00:00	1402	58
15-Feb-23 08:00:00	1402	61
05-Feb-23 15:00:00	1402	74
14-Feb-23 13:00:00	1402	65
02-Mar-23 21:00:00	1401	46
10-Jan-23 19:00:00	1401	39
07-Feb-23 21:00:00	1401	58
12-Jan-23 12:00:00	1401	67
10-Feb-23 20:00:00	1399	64

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
12-Feb-23 06:00:00	1399	54
01-Mar-23 01:00:00	1399	58
02-Mar-23 11:00:00	1399	64
18-Feb-23 20:00:00	1398	56
02-Mar-23 17:00:00	1397	48
12-Feb-23 20:00:00	1397	53
10-Jan-23 15:00:00	1396	41
06-Jan-23 16:00:00	1396	38
29-Dec-23 17:00:00	1396	49
15-Feb-23 09:00:00	1396	59
24-Mar-23 17:00:00	1395	48
13-Jan-23 05:00:00	1395	55
03-Mar-23 09:00:00	1394	54
15-Dec-23 07:00:00	1394	67
23-Feb-23 10:00:00	1394	80
19-Feb-23 19:00:00	1393	48
11-Jan-23 07:00:00	1393	61
11-Feb-23 18:00:00	1393	61
03-Feb-23 18:00:00	1393	70
20-Mar-23 20:00:00	1393	52
12-Feb-23 16:00:00	1392	67
24-Mar-23 08:00:00	1392	63
11-Jan-23 11:00:00	1392	67
14-Dec-23 19:00:00	1392	64
16-Dec-23 17:00:00	1392	24
12-Jan-23 22:00:00	1392	57
09-Jan-23 10:00:00	1390	67
02-Feb-23 04:00:00	1390	79
14-Dec-23 16:00:00	1389	66
29-Dec-23 18:00:00	1389	48
05-Feb-23 21:00:00	1389	62
06-Jan-23 18:00:00	1389	42
05-Jan-23 09:00:00	1389	56
23-Feb-23 06:00:00	1389	71
14-Dec-23 20:00:00	1388	63
05-Jan-23 21:00:00	1388	50
22-Feb-23 18:00:00	1388	82
07-Feb-23 11:00:00	1386	63
19-Feb-23 18:00:00	1386	48
10-Feb-23 15:00:00	1386	72
10-Jan-23 14:00:00	1386	41

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
11-Feb-23 17:00:00	1385	63
05-Feb-23 00:00:00	1384	61
09-Jan-23 18:00:00	1384	53
29-Dec-23 16:00:00	1383	53
24-Mar-23 16:00:00	1383	48
11-Jan-23 15:00:00	1383	75
06-Jan-23 12:00:00	1383	36
11-Feb-23 19:00:00	1383	58
13-Jan-23 19:00:00	1382	56
19-Feb-23 20:00:00	1382	48
12-Jan-23 15:00:00	1381	65
19-Feb-23 10:00:00	1380	51
04-Mar-23 07:00:00	1380	43
01-Feb-23 11:00:00	1380	81
04-Mar-23 08:00:00	1380	43
24-Mar-23 18:00:00	1380	47
07-Feb-23 16:00:00	1380	60
16-Feb-23 08:00:00	1379	68
22-Feb-23 17:00:00	1379	82
16-Feb-23 07:00:00	1379	71
05-Mar-23 09:00:00	1378	43
11-Jan-23 21:00:00	1378	71
14-Feb-23 07:00:00	1378	67
24-Mar-23 19:00:00	1378	48
07-Dec-23 17:00:00	1377	49
20-Mar-23 19:00:00	1377	52
30-Jan-23 09:00:00	1376	76
20-Mar-23 21:00:00	1376	53
10-Feb-23 12:00:00	1375	57
02-Mar-23 12:00:00	1375	62
22-Feb-23 19:00:00	1375	82
14-Feb-23 14:00:00	1375	62
01-Mar-23 16:00:00	1375	62
29-Dec-23 19:00:00	1375	48
09-Jan-23 11:00:00	1375	66
05-Feb-23 06:00:00	1375	75
23-Feb-23 16:00:00	1374	78
12-Jan-23 06:00:00	1374	63
02-Feb-23 03:00:00	1374	79
20-Feb-23 09:00:00	1373	70
12-Feb-23 12:00:00	1373	67

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Mar-23 08:00:00	1373	48
23-Feb-23 11:00:00	1373	78
01-Feb-23 23:00:00	1373	80
21-Mar-23 07:00:00	1372	47
04-Mar-23 09:00:00	1372	42
06-Jan-23 19:00:00	1372	42
26-Jan-23 08:00:00	1372	84
05-Mar-23 08:00:00	1372	43
08-Dec-23 08:00:00	1372	47
Average (MW)	**1478**	**64**

Table B-5: Top 5% of Island Interconnected System Load Hours (2024)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
24-Jan-24 07:00:00	1728	53
24-Jan-24 08:00:00	1707	54
24-Jan-24 09:00:00	1666	56
06-Jan-24 17:00:00	1666	47
24-Jan-24 06:00:00	1659	45
06-Jan-24 18:00:00	1658	47
06-Jan-24 19:00:00	1644	47
24-Jan-24 17:00:00	1635	59
06-Jan-24 20:00:00	1627	48
21-Feb-24 07:00:00	1625	42
24-Jan-24 10:00:00	1615	56
06-Jan-24 16:00:00	1613	48
24-Jan-24 18:00:00	1612	63
06-Jan-24 21:00:00	1598	50
30-Jan-24 08:00:00	1598	50
07-Jan-24 09:00:00	1596	41
24-Jan-24 19:00:00	1593	63
22-Feb-24 07:00:00	1593	46
22-Feb-24 08:00:00	1593	46
07-Jan-24 08:00:00	1586	41
30-Jan-24 09:00:00	1584	51
24-Jan-24 20:00:00	1582	61
24-Jan-24 16:00:00	1581	56
21-Feb-24 08:00:00	1576	42
26-Jan-24 08:00:00	1575	52
31-Jan-24 08:00:00	1572	60

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
24-Jan-24 11:00:00	1567	56
07-Jan-24 10:00:00	1558	41
30-Jan-24 10:00:00	1554	50
07-Jan-24 17:00:00	1554	32
30-Jan-24 07:00:00	1552	50
24-Jan-24 05:00:00	1552	48
31-Jan-24 07:00:00	1549	59
24-Jan-24 21:00:00	1548	57
06-Jan-24 22:00:00	1547	44
26-Jan-24 07:00:00	1544	52
07-Jan-24 07:00:00	1537	41
19-Jan-24 08:00:00	1534	64
30-Jan-24 11:00:00	1533	51
10-Jan-24 08:00:00	1531	47
26-Jan-24 09:00:00	1529	51
21-Feb-24 06:00:00	1527	41
07-Jan-24 18:00:00	1527	30
30-Jan-24 17:00:00	1527	46
07-Jan-24 11:00:00	1523	40
19-Jan-24 17:00:00	1522	71
19-Jan-24 16:00:00	1521	56
24-Jan-24 12:00:00	1520	52
31-Jan-24 09:00:00	1520	59
07-Jan-24 16:00:00	1516	32
18-Jan-24 17:00:00	1515	59
20-Feb-24 19:00:00	1515	33
06-Jan-24 15:00:00	1512	48
10-Jan-24 07:00:00	1512	45
22-Feb-24 09:00:00	1511	50
20-Feb-24 18:00:00	1509	33
07-Jan-24 19:00:00	1509	29
19-Jan-24 09:00:00	1507	63
24-Jan-24 15:00:00	1506	43
21-Feb-24 09:00:00	1506	39
19-Jan-24 07:00:00	1505	64
20-Feb-24 20:00:00	1503	34
30-Jan-24 18:00:00	1503	44
18-Jan-24 18:00:00	1503	59
18-Jan-24 19:00:00	1498	59
07-Jan-24 06:00:00	1496	43
07-Jan-24 12:00:00	1495	36

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
24-Jan-24 04:00:00	1495	50
06-Jan-24 23:00:00	1494	44
22-Feb-24 06:00:00	1491	45
08-Jan-24 08:00:00	1491	38
06-Jan-24 13:00:00	1490	48
10-Jan-24 09:00:00	1490	51
26-Feb-24 08:00:00	1488	58
25-Jan-24 08:00:00	1488	48
06-Jan-24 12:00:00	1488	45
30-Jan-24 19:00:00	1487	44
26-Feb-24 07:00:00	1486	58
20-Feb-24 07:00:00	1485	41
24-Jan-24 13:00:00	1485	45
30-Jan-24 16:00:00	1485	46
06-Jan-24 14:00:00	1485	48
07-Jan-24 20:00:00	1483	29
21-Feb-24 19:00:00	1483	32
29-Jan-24 17:00:00	1482	49
24-Jan-24 14:00:00	1480	44
30-Jan-24 12:00:00	1480	51
30-Jan-24 20:00:00	1479	43
19-Jan-24 15:00:00	1478	48
08-Jan-24 09:00:00	1477	37
21-Feb-24 20:00:00	1477	32
06-Jan-24 11:00:00	1476	42
24-Jan-24 22:00:00	1475	52
19-Jan-24 18:00:00	1475	69
18-Jan-24 16:00:00	1475	59
23-Jan-24 21:00:00	1474	49
20-Feb-24 21:00:00	1473	34
19-Jan-24 13:00:00	1472	55
20-Feb-24 17:00:00	1472	34
08-Jan-24 07:00:00	1472	39
21-Feb-24 18:00:00	1472	32
25-Jan-24 07:00:00	1471	48
07-Jan-24 13:00:00	1471	33
25-Jan-24 09:00:00	1471	39
19-Jan-24 14:00:00	1471	49
19-Jan-24 10:00:00	1471	61
01-Feb-24 07:00:00	1470	47
18-Jan-24 20:00:00	1470	58

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
01-Mar-24 19:00:00	1470	74
19-Feb-24 07:00:00	1469	42
01-Mar-24 18:00:00	1467	75
08-Jan-24 17:00:00	1467	42
20-Feb-24 08:00:00	1466	40
23-Jan-24 20:00:00	1465	49
19-Jan-24 12:00:00	1465	62
19-Jan-24 11:00:00	1462	62
31-Jan-24 10:00:00	1460	47
01-Feb-24 08:00:00	1459	50
09-Jan-24 17:00:00	1458	37
07-Jan-24 05:00:00	1458	41
08-Jan-24 16:00:00	1455	39
29-Jan-24 18:00:00	1454	48
24-Jan-24 03:00:00	1454	49
21-Feb-24 10:00:00	1454	32
08-Jan-24 10:00:00	1454	41
21-Feb-24 21:00:00	1454	32
01-Mar-24 20:00:00	1454	72
25-Dec-24 08:00:00	1453	49
26-Jan-24 17:00:00	1452	51
23-Jan-24 19:00:00	1451	49
18-Feb-24 18:00:00	1451	40
07-Jan-24 00:00:00	1451	42
26-Feb-24 09:00:00	1451	58
31-Jan-24 19:00:00	1448	43
25-Dec-24 09:00:00	1447	49
26-Jan-24 18:00:00	1447	50
23-Jan-24 17:00:00	1446	47
06-Jan-24 10:00:00	1446	42
29-Jan-24 19:00:00	1446	48
26-Jan-24 10:00:00	1446	46
18-Feb-24 19:00:00	1445	40
07-Jan-24 15:00:00	1444	32
31-Jan-24 18:00:00	1443	43
23-Jan-24 18:00:00	1443	48
30-Jan-24 21:00:00	1443	43
07-Jan-24 21:00:00	1440	29
30-Jan-24 13:00:00	1439	48
31-Jan-24 06:00:00	1439	53
19-Jan-24 19:00:00	1439	62

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
31-Jan-24 20:00:00	1439	41
24-Dec-24 16:00:00	1439	61
24-Dec-24 17:00:00	1438	61
19-Feb-24 08:00:00	1438	46
26-Jan-24 19:00:00	1438	50
09-Jan-24 18:00:00	1437	37
29-Jan-24 16:00:00	1437	47
08-Jan-24 11:00:00	1437	40
07-Jan-24 14:00:00	1436	32
23-Dec-24 17:00:00	1435	65
30-Jan-24 15:00:00	1435	47
24-Dec-24 10:00:00	1435	61
30-Jan-24 06:00:00	1435	43
09-Jan-24 19:00:00	1435	37
07-Jan-24 04:00:00	1435	39
25-Jan-24 17:00:00	1433	67
25-Jan-24 10:00:00	1433	38
29-Jan-24 20:00:00	1433	47
18-Feb-24 20:00:00	1432	40
10-Jan-24 17:00:00	1431	55
09-Jan-24 20:00:00	1431	37
26-Jan-24 06:00:00	1431	46
18-Jan-24 21:00:00	1431	59
21-Feb-24 05:00:00	1430	34
10-Jan-24 10:00:00	1429	50
24-Dec-24 09:00:00	1429	62
18-Feb-24 17:00:00	1429	39
31-Jan-24 17:00:00	1428	43
07-Jan-24 01:00:00	1428	39
24-Dec-24 11:00:00	1427	60
23-Jan-24 22:00:00	1426	50
07-Jan-24 03:00:00	1425	39
31-Jan-24 11:00:00	1424	51
22-Feb-24 17:00:00	1424	55
26-Jan-24 20:00:00	1423	50
01-Mar-24 17:00:00	1422	75
08-Jan-24 12:00:00	1422	31
08-Jan-24 18:00:00	1422	39
30-Jan-24 14:00:00	1421	47
25-Jan-24 16:00:00	1421	62
21-Feb-24 17:00:00	1421	32

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
01-Mar-24 21:00:00	1421	71
20-Feb-24 22:00:00	1419	32
09-Jan-24 08:00:00	1419	41
22-Feb-24 18:00:00	1418	61
07-Jan-24 02:00:00	1418	39
25-Dec-24 10:00:00	1418	49
19-Jan-24 06:00:00	1414	59
25-Jan-24 11:00:00	1413	35
10-Jan-24 06:00:00	1412	41
31-Jan-24 21:00:00	1410	40
14-Feb-24 17:00:00	1409	55
06-Jan-24 09:00:00	1408	42
10-Jan-24 18:00:00	1408	55
21-Feb-24 11:00:00	1408	33
09-Jan-24 21:00:00	1407	37
23-Dec-24 16:00:00	1407	65
02-Jan-24 17:00:00	1407	60
25-Jan-24 12:00:00	1407	38
25-Jan-24 18:00:00	1406	57
24-Jan-24 02:00:00	1406	49
21-Feb-24 22:00:00	1405	32
02-Jan-24 08:00:00	1405	40
24-Dec-24 12:00:00	1404	60
22-Feb-24 10:00:00	1404	44
08-Feb-24 08:00:00	1404	50
18-Jan-24 15:00:00	1404	60
25-Dec-24 11:00:00	1404	50
08-Jan-24 15:00:00	1403	38
24-Jan-24 23:00:00	1403	48
23-Dec-24 18:00:00	1403	65
22-Feb-24 19:00:00	1402	58
05-Mar-24 07:00:00	1402	69
08-Jan-24 13:00:00	1401	33
02-Jan-24 09:00:00	1401	57
18-Feb-24 21:00:00	1401	41
20-Feb-24 09:00:00	1400	36
19-Jan-24 20:00:00	1400	56
29-Jan-24 21:00:00	1399	47
25-Dec-24 07:00:00	1397	49
23-Dec-24 19:00:00	1395	64
24-Dec-24 18:00:00	1394	59

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Jan-24 19:00:00	1393	53
24-Dec-24 15:00:00	1393	61
14-Feb-24 16:00:00	1393	53
08-Jan-24 19:00:00	1391	38
01-Feb-24 09:00:00	1391	36
03-Feb-24 17:00:00	1391	47
02-Mar-24 07:00:00	1391	70
30-Jan-24 22:00:00	1391	43
08-Mar-24 17:00:00	1391	69
25-Jan-24 13:00:00	1391	34
26-Feb-24 10:00:00	1390	59
09-Jan-24 09:00:00	1390	43
23-Jan-24 16:00:00	1390	50
08-Jan-24 14:00:00	1389	38
24-Dec-24 08:00:00	1389	62
26-Jan-24 21:00:00	1388	50
20-Feb-24 16:00:00	1388	34
19-Feb-24 06:00:00	1388	40
25-Jan-24 15:00:00	1388	48
05-Dec-24 08:00:00	1387	60
02-Jan-24 10:00:00	1387	51
14-Feb-24 11:00:00	1387	49
05-Jan-24 17:00:00	1387	54
09-Jan-24 07:00:00	1387	40
09-Jan-24 16:00:00	1386	41
01-Feb-24 06:00:00	1385	35
10-Jan-24 16:00:00	1385	53
02-Mar-24 08:00:00	1385	69
27-Feb-24 08:00:00	1384	55
25-Jan-24 19:00:00	1384	49
24-Dec-24 13:00:00	1383	60
08-Feb-24 07:00:00	1383	50
31-Jan-24 12:00:00	1383	53
14-Feb-24 10:00:00	1381	48
08-Mar-24 18:00:00	1381	68
22-Feb-24 05:00:00	1381	33
18-Jan-24 08:00:00	1380	53
29-Jan-24 15:00:00	1380	47
27-Jan-24 08:00:00	1380	39
08-Mar-24 16:00:00	1380	69
14-Feb-24 18:00:00	1380	60

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
25-Jan-24 06:00:00	1379	46
07-Feb-24 08:00:00	1378	53
18-Jan-24 22:00:00	1378	58
17-Jan-24 08:00:00	1378	48
04-Feb-24 17:00:00	1378	33
19-Feb-24 17:00:00	1378	35
02-Jan-24 18:00:00	1378	60
20-Feb-24 23:00:00	1377	31
26-Jan-24 11:00:00	1377	42
23-Dec-24 20:00:00	1377	60
27-Feb-24 07:00:00	1376	53
19-Feb-24 18:00:00	1376	36
24-Dec-24 14:00:00	1376	61
10-Jan-24 20:00:00	1375	53
29-Jan-24 14:00:00	1375	45
02-Jan-24 07:00:00	1375	37
01-Mar-24 22:00:00	1375	71
14-Feb-24 12:00:00	1375	50
10-Jan-24 11:00:00	1374	54
07-Jan-24 22:00:00	1374	28
10-Dec-24 08:00:00	1374	63
02-Jan-24 16:00:00	1374	44
21-Feb-24 04:00:00	1374	27
08-Feb-24 09:00:00	1374	50
22-Feb-24 20:00:00	1374	57
25-Dec-24 12:00:00	1374	50
02-Jan-24 11:00:00	1374	39
26-Feb-24 06:00:00	1373	65
05-Jan-24 16:00:00	1373	54
08-Jan-24 06:00:00	1373	33
22-Feb-24 16:00:00	1373	46
20-Feb-24 06:00:00	1373	41
26-Mar-24 07:00:00	1372	77
11-Mar-24 17:00:00	1372	66
25-Feb-24 19:00:00	1371	52
01-Mar-24 16:00:00	1371	75
19-Feb-24 09:00:00	1371	47
26-Jan-24 16:00:00	1371	47
05-Dec-24 07:00:00	1371	59
02-Jan-24 19:00:00	1370	60
08-Dec-24 17:00:00	1370	64

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
02-Mar-24 09:00:00	1369	69
10-Dec-24 17:00:00	1368	61
17-Jan-24 09:00:00	1368	48
24-Dec-24 19:00:00	1367	57
25-Jan-24 20:00:00	1367	48
23-Jan-24 23:00:00	1366	52
04-Feb-24 16:00:00	1366	34
17-Feb-24 17:00:00	1366	44
22-Jan-24 17:00:00	1366	60
20-Jan-24 17:00:00	1365	46
09-Feb-24 08:00:00	1365	48
18-Jan-24 09:00:00	1365	53
25-Jan-24 14:00:00	1365	41
27-Jan-24 09:00:00	1364	39
29-Jan-24 13:00:00	1364	39
22-Feb-24 11:00:00	1364	44
25-Feb-24 20:00:00	1364	52
02-Feb-24 08:00:00	1364	40
02-Mar-24 18:00:00	1364	72
20-Jan-24 11:00:00	1363	45
19-Feb-24 19:00:00	1363	37
04-Jan-24 17:00:00	1363	48
25-Feb-24 18:00:00	1363	52
11-Mar-24 09:00:00	1363	62
20-Jan-24 10:00:00	1362	49
14-Feb-24 09:00:00	1362	47
08-Feb-24 17:00:00	1362	55
24-Jan-24 00:00:00	1362	49
26-Mar-24 08:00:00	1362	78
02-Feb-24 09:00:00	1361	42
24-Jan-24 01:00:00	1361	49
11-Mar-24 08:00:00	1361	65
23-Jan-24 08:00:00	1361	50
11-Mar-24 16:00:00	1360	64
01-Mar-24 08:00:00	1360	69
31-Jan-24 22:00:00	1360	39
06-Feb-24 17:00:00	1360	57
18-Feb-24 16:00:00	1360	39
02-Mar-24 19:00:00	1360	69
03-Feb-24 16:00:00	1359	48
23-Jan-24 09:00:00	1359	49

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
01-Jan-24 17:00:00	1359	34
03-Feb-24 18:00:00	1359	47
20-Feb-24 10:00:00	1358	36
08-Jan-24 20:00:00	1358	37
29-Jan-24 12:00:00	1358	39
11-Mar-24 10:00:00	1357	62
20-Jan-24 09:00:00	1357	51
18-Jan-24 13:00:00	1357	59
15-Feb-24 17:00:00	1356	57
14-Feb-24 19:00:00	1356	61
17-Feb-24 18:00:00	1356	41
02-Mar-24 06:00:00	1356	71
29-Jan-24 11:00:00	1356	43
02-Mar-24 10:00:00	1356	69
22-Dec-24 17:00:00	1355	66
07-Feb-24 17:00:00	1355	56
08-Mar-24 19:00:00	1355	68
07-Feb-24 07:00:00	1355	54
09-Jan-24 10:00:00	1355	44
22-Jan-24 18:00:00	1355	59
22-Jan-24 08:00:00	1355	51
06-Jan-24 08:00:00	1355	42
21-Feb-24 12:00:00	1354	32
10-Dec-24 18:00:00	1354	61
05-Jan-24 18:00:00	1354	54
14-Feb-24 13:00:00	1354	51
21-Feb-24 23:00:00	1354	32
25-Jan-24 00:00:00	1353	45
11-Mar-24 18:00:00	1353	66
05-Mar-24 06:00:00	1353	69
21-Feb-24 03:00:00	1353	26
14-Feb-24 15:00:00	1352	52
18-Jan-24 14:00:00	1352	61
01-Jan-24 16:00:00	1352	34
08-Mar-24 15:00:00	1352	69
08-Feb-24 18:00:00	1352	55
10-Dec-24 07:00:00	1352	64
10-Feb-24 09:00:00	1352	57
07-Feb-24 09:00:00	1351	52
16-Feb-24 08:00:00	1351	45
23-Dec-24 12:00:00	1351	62

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
19-Feb-24 20:00:00	1350	37
11-Mar-24 11:00:00	1350	64
25-Jan-24 21:00:00	1350	48
21-Feb-24 00:00:00	1350	31
23-Jan-24 10:00:00	1350	49
10-Jan-24 21:00:00	1350	53
24-Dec-24 20:00:00	1349	57
19-Feb-24 16:00:00	1349	38
23-Dec-24 11:00:00	1349	61
09-Jan-24 22:00:00	1349	37
26-Feb-24 11:00:00	1349	59
22-Jan-24 19:00:00	1348	57
11-Mar-24 19:00:00	1348	66
29-Jan-24 08:00:00	1348	35
09-Feb-24 09:00:00	1348	47
18-Jan-24 12:00:00	1347	58
21-Feb-24 02:00:00	1347	26
08-Feb-24 10:00:00	1347	49
17-Jan-24 07:00:00	1347	48
23-Dec-24 13:00:00	1347	62
11-Jan-24 08:00:00	1347	49
23-Dec-24 15:00:00	1347	65
10-Dec-24 19:00:00	1347	62
02-Mar-24 11:00:00	1347	69
10-Feb-24 10:00:00	1346	54
04-Feb-24 18:00:00	1346	28
31-Jan-24 05:00:00	1346	53
08-Dec-24 16:00:00	1346	64
18-Jan-24 07:00:00	1345	53
20-Jan-24 18:00:00	1345	42
08-Dec-24 18:00:00	1345	64
18-Jan-24 11:00:00	1345	55
03-Feb-24 19:00:00	1345	47
16-Jan-24 08:00:00	1345	47
08-Mar-24 12:00:00	1345	72
18-Jan-24 10:00:00	1344	52
05-Mar-24 08:00:00	1344	69
23-Jan-24 11:00:00	1344	50
11-Jan-24 07:00:00	1344	50
21-Feb-24 01:00:00	1344	30
02-Feb-24 10:00:00	1343	43

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
15-Feb-24 16:00:00	1343	57
07-Feb-24 19:00:00	1343	62
Average (MW)	**1424**	**49**

Appendix C

Top 10% of Island Interconnected System Load Hours

(2020–2024)

Table C-1: Top 10% of Island Interconnected System Load Hours (2020)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Feb-20 07:00:00	1641	75
10-Mar-20 07:00:00	1625	53
21-Feb-20 08:00:00	1613	74
10-Mar-20 08:00:00	1610	57
15-Jan-20 08:00:00	1609	53
14-Feb-20 18:00:00	1601	76
10-Jan-20 08:00:00	1601	51
14-Feb-20 19:00:00	1600	75
15-Jan-20 07:00:00	1595	60
20-Feb-20 19:00:00	1585	67
10-Jan-20 07:00:00	1585	53
20-Feb-20 20:00:00	1583	62
14-Feb-20 20:00:00	1581	74
20-Feb-20 18:00:00	1577	66
15-Jan-20 09:00:00	1565	51
22-Jan-20 08:00:00	1563	61
21-Feb-20 09:00:00	1563	70
20-Feb-20 21:00:00	1559	56
14-Feb-20 17:00:00	1555	76
14-Feb-20 21:00:00	1552	64
21-Feb-20 18:00:00	1552	72
20-Feb-20 17:00:00	1551	67
19-Jan-20 10:00:00	1551	30
21-Feb-20 19:00:00	1545	64
17-Mar-20 07:00:00	1543	50
22-Jan-20 07:00:00	1539	63
21-Feb-20 06:00:00	1538	74
18-Jan-20 17:00:00	1538	39
19-Jan-20 09:00:00	1533	28
17-Jan-20 11:00:00	1532	52
17-Jan-20 12:00:00	1532	50
19-Jan-20 11:00:00	1528	30
22-Jan-20 09:00:00	1527	59
10-Mar-20 09:00:00	1527	46
18-Jan-20 18:00:00	1525	37
21-Feb-20 20:00:00	1525	61
15-Feb-20 08:00:00	1524	65
10-Jan-20 09:00:00	1522	46
15-Jan-20 17:00:00	1522	44

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
17-Mar-20 08:00:00	1522	48
21-Feb-20 17:00:00	1520	73
14-Jan-20 08:00:00	1517	64
10-Feb-20 07:00:00	1516	38
14-Jan-20 17:00:00	1516	55
21-Feb-20 10:00:00	1513	67
17-Jan-20 10:00:00	1513	50
19-Jan-20 17:00:00	1510	28
15-Feb-20 07:00:00	1509	68
10-Mar-20 06:00:00	1508	36
10-Jan-20 17:00:00	1506	47
14-Feb-20 22:00:00	1505	64
20-Feb-20 22:00:00	1504	50
06-Feb-20 07:00:00	1502	54
18-Jan-20 19:00:00	1501	34
06-Feb-20 08:00:00	1501	52
22-Feb-20 07:00:00	1501	59
15-Feb-20 09:00:00	1500	65
10-Feb-20 08:00:00	1500	46
19-Jan-20 08:00:00	1500	25
15-Feb-20 18:00:00	1499	73
14-Jan-20 07:00:00	1496	65
22-Feb-20 08:00:00	1496	58
17-Jan-20 13:00:00	1496	49
19-Jan-20 12:00:00	1496	31
14-Jan-20 18:00:00	1494	60
15-Feb-20 19:00:00	1493	67
21-Feb-20 21:00:00	1493	56
15-Jan-20 16:00:00	1492	45
14-Jan-20 19:00:00	1492	60
13-Jan-20 17:00:00	1492	66
16-Jan-20 08:00:00	1491	52
02-Feb-20 11:00:00	1488	52
17-Jan-20 16:00:00	1487	50
02-Feb-20 12:00:00	1487	52
15-Jan-20 18:00:00	1486	47
21-Feb-20 11:00:00	1486	65
10-Jan-20 18:00:00	1485	47
14-Jan-20 20:00:00	1484	57
22-Jan-20 17:00:00	1483	65
17-Jan-20 14:00:00	1483	50

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
16-Jan-20 07:00:00	1482	51
22-Feb-20 06:00:00	1481	57
17-Jan-20 15:00:00	1481	51
15-Jan-20 10:00:00	1479	49
20-Feb-20 16:00:00	1479	55
13-Jan-20 18:00:00	1477	66
15-Feb-20 17:00:00	1475	73
03-Mar-20 07:00:00	1475	40
18-Jan-20 16:00:00	1475	39
15-Feb-20 10:00:00	1474	61
15-Jan-20 19:00:00	1473	47
15-Feb-20 06:00:00	1473	71
25-Jan-20 08:00:00	1472	52
15-Jan-20 06:00:00	1472	59
21-Feb-20 12:00:00	1470	65
17-Jan-20 09:00:00	1469	50
19-Feb-20 08:00:00	1468	57
16-Feb-20 10:00:00	1468	57
10-Jan-20 16:00:00	1468	47
14-Feb-20 23:00:00	1468	64
22-Feb-20 09:00:00	1468	57
22-Jan-20 10:00:00	1467	55
19-Jan-20 18:00:00	1467	26
17-Jan-20 17:00:00	1467	47
13-Jan-20 19:00:00	1464	64
02-Feb-20 10:00:00	1464	53
14-Feb-20 16:00:00	1464	71
16-Feb-20 09:00:00	1464	54
02-Feb-20 13:00:00	1460	51
19-Feb-20 11:00:00	1460	53
15-Feb-20 11:00:00	1460	49
21-Feb-20 16:00:00	1460	64
14-Jan-20 09:00:00	1460	53
16-Feb-20 11:00:00	1459	56
10-Jan-20 19:00:00	1459	47
10-Mar-20 10:00:00	1458	42
19-Feb-20 10:00:00	1458	50
23-Jan-20 08:00:00	1457	47
15-Feb-20 20:00:00	1457	57
09-Mar-20 20:00:00	1457	45
06-Feb-20 17:00:00	1455	51

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Jan-20 17:00:00	1454	57
14-Jan-20 21:00:00	1454	54
19-Feb-20 09:00:00	1454	58
09-Mar-20 21:00:00	1453	45
14-Feb-20 08:00:00	1453	65
13-Jan-20 20:00:00	1452	62
19-Jan-20 16:00:00	1452	29
15-Jan-20 20:00:00	1452	46
22-Jan-20 16:00:00	1452	54
15-Jan-20 11:00:00	1451	49
09-Feb-20 19:00:00	1451	49
16-Dec-20 17:00:00	1451	66
17-Mar-20 06:00:00	1451	47
14-Jan-20 16:00:00	1450	45
09-Feb-20 18:00:00	1450	48
18-Jan-20 20:00:00	1450	34
31-Jan-20 17:00:00	1449	41
09-Feb-20 20:00:00	1448	55
23-Jan-20 09:00:00	1448	44
16-Feb-20 12:00:00	1448	62
10-Feb-20 17:00:00	1447	46
13-Jan-20 08:00:00	1447	61
22-Jan-20 18:00:00	1447	65
22-Jan-20 06:00:00	1446	60
16-Mar-20 08:00:00	1445	50
21-Feb-20 22:00:00	1445	50
19-Jan-20 19:00:00	1444	26
17-Jan-20 18:00:00	1444	45
11-Mar-20 08:00:00	1444	29
10-Jan-20 06:00:00	1443	54
06-Feb-20 09:00:00	1442	52
19-Feb-20 07:00:00	1441	56
03-Feb-20 17:00:00	1441	61
25-Jan-20 09:00:00	1440	50
17-Mar-20 09:00:00	1440	40
14-Feb-20 07:00:00	1440	75
15-Feb-20 12:00:00	1439	48
16-Jan-20 17:00:00	1439	61
20-Feb-20 23:00:00	1439	47
01-Feb-20 09:00:00	1438	35
06-Feb-20 18:00:00	1438	49

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
16-Jan-20 09:00:00	1437	54
19-Jan-20 07:00:00	1437	25
13-Mar-20 07:00:00	1436	46
18-Feb-20 19:00:00	1435	52
16-Mar-20 07:00:00	1434	37
16-Dec-20 16:00:00	1434	64
18-Feb-20 20:00:00	1434	53
15-Feb-20 16:00:00	1434	51
19-Feb-20 12:00:00	1434	53
13-Feb-20 08:00:00	1434	47
22-Jan-20 19:00:00	1433	64
22-Feb-20 18:00:00	1433	61
12-Jan-20 17:00:00	1433	56
10-Feb-20 09:00:00	1433	50
21-Jan-20 18:00:00	1432	58
13-Feb-20 07:00:00	1432	51
16-Jan-20 19:00:00	1432	59
19-Jan-20 13:00:00	1430	30
13-Mar-20 08:00:00	1430	45
06-Feb-20 16:00:00	1430	58
13-Jan-20 09:00:00	1430	64
13-Jan-20 21:00:00	1430	62
16-Jan-20 18:00:00	1429	61
21-Feb-20 13:00:00	1429	58
31-Jan-20 18:00:00	1429	45
01-Feb-20 08:00:00	1428	34
18-Feb-20 18:00:00	1427	52
22-Feb-20 10:00:00	1427	59
10-Jan-20 10:00:00	1427	41
09-Mar-20 08:00:00	1427	41
15-Feb-20 05:00:00	1427	70
22-Jan-20 11:00:00	1426	49
25-Jan-20 07:00:00	1426	55
23-Mar-20 07:00:00	1426	45
03-Mar-20 08:00:00	1425	40
09-Feb-20 17:00:00	1425	48
21-Jan-20 19:00:00	1425	58
16-Jan-20 20:00:00	1425	57
15-Feb-20 00:00:00	1424	60
18-Feb-20 21:00:00	1424	50
11-Mar-20 07:00:00	1424	29

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Jan-20 08:00:00	1424	46
01-Feb-20 18:00:00	1424	47
20-Feb-20 07:00:00	1424	58
09-Mar-20 19:00:00	1423	45
10-Feb-20 18:00:00	1423	46
02-Feb-20 14:00:00	1423	49
16-Feb-20 17:00:00	1423	56
16-Feb-20 13:00:00	1423	62
15-Feb-20 21:00:00	1423	55
10-Feb-20 16:00:00	1423	45
15-Jan-20 15:00:00	1423	45
09-Jan-20 17:00:00	1422	57
16-Feb-20 08:00:00	1421	57
22-Jan-20 20:00:00	1420	64
01-Feb-20 19:00:00	1420	47
23-Jan-20 17:00:00	1420	53
13-Jan-20 07:00:00	1419	59
21-Feb-20 15:00:00	1419	61
16-Dec-20 18:00:00	1419	67
02-Feb-20 16:00:00	1419	45
10-Feb-20 06:00:00	1419	37
02-Feb-20 17:00:00	1419	43
22-Feb-20 05:00:00	1418	43
21-Feb-20 05:00:00	1418	50
31-Jan-20 16:00:00	1418	41
08-Feb-20 17:00:00	1417	44
11-Mar-20 09:00:00	1417	29
06-Feb-20 19:00:00	1417	48
10-Jan-20 20:00:00	1417	47
09-Feb-20 21:00:00	1416	51
23-Mar-20 08:00:00	1416	50
14-Feb-20 09:00:00	1415	40
31-Jan-20 08:00:00	1415	33
23-Jan-20 07:00:00	1415	48
12-Jan-20 16:00:00	1414	60
02-Feb-20 09:00:00	1414	54
20-Feb-20 08:00:00	1414	64
02-Feb-20 15:00:00	1414	46
08-Feb-20 18:00:00	1413	44
13-Jan-20 16:00:00	1413	66
22-Feb-20 19:00:00	1412	67

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
09-Mar-20 22:00:00	1412	42
03-Feb-20 16:00:00	1412	62
15-Feb-20 13:00:00	1412	47
03-Feb-20 18:00:00	1411	57
31-Jan-20 07:00:00	1411	32
14-Jan-20 10:00:00	1411	43
10-Mar-20 19:00:00	1410	32
09-Jan-20 19:00:00	1410	56
31-Jan-20 19:00:00	1410	46
07-Feb-20 17:00:00	1410	37
10-Mar-20 05:00:00	1410	35
13-Feb-20 09:00:00	1410	42
10-Mar-20 20:00:00	1409	30
18-Jan-20 21:00:00	1409	31
15-Feb-20 01:00:00	1408	59
01-Feb-20 10:00:00	1408	35
19-Jan-20 20:00:00	1408	26
21-Feb-20 14:00:00	1407	59
21-Jan-20 09:00:00	1407	47
25-Jan-20 18:00:00	1407	55
21-Jan-20 20:00:00	1406	59
01-Feb-20 20:00:00	1406	45
16-Feb-20 18:00:00	1406	56
16-Jan-20 21:00:00	1406	55
10-Feb-20 10:00:00	1405	50
13-Jan-20 10:00:00	1405	67
10-Jan-20 11:00:00	1405	42
17-Jan-20 08:00:00	1405	46
07-Mar-20 17:00:00	1405	54
16-Dec-20 19:00:00	1404	67
25-Jan-20 19:00:00	1404	53
07-Mar-20 18:00:00	1404	54
16-Feb-20 16:00:00	1404	63
15-Feb-20 04:00:00	1403	48
16-Mar-20 09:00:00	1402	49
01-Feb-20 17:00:00	1402	47
19-Jan-20 06:00:00	1402	26
10-Mar-20 11:00:00	1402	40
15-Jan-20 21:00:00	1402	45
16-Feb-20 14:00:00	1401	64
17-Jan-20 19:00:00	1401	42

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
09-Jan-20 18:00:00	1400	57
13-Feb-20 17:00:00	1400	50
25-Jan-20 17:00:00	1400	57
19-Feb-20 13:00:00	1400	51
22-Feb-20 17:00:00	1399	51
09-Mar-20 07:00:00	1399	41
18-Jan-20 15:00:00	1399	44
21-Jan-20 16:00:00	1398	56
21-Feb-20 23:00:00	1398	49
20-Feb-20 15:00:00	1398	56
05-Feb-20 19:00:00	1398	41
15-Feb-20 14:00:00	1397	48
28-Feb-20 09:00:00	1397	39
07-Feb-20 16:00:00	1397	37
05-Feb-20 18:00:00	1396	43
12-Jan-20 18:00:00	1396	55
03-Mar-20 06:00:00	1396	34
27-Feb-20 19:00:00	1396	43
16-Dec-20 20:00:00	1395	66
21-Feb-20 00:00:00	1395	48
10-Feb-20 19:00:00	1395	46
28-Feb-20 08:00:00	1394	39
09-Jan-20 20:00:00	1394	56
06-Feb-20 20:00:00	1394	48
22-Jan-20 12:00:00	1394	45
25-Jan-20 10:00:00	1394	50
05-Feb-20 20:00:00	1394	39
31-Jan-20 20:00:00	1393	44
13-Feb-20 10:00:00	1393	45
22-Jan-20 15:00:00	1393	51
23-Jan-20 10:00:00	1392	50
14-Jan-20 22:00:00	1392	53
09-Jan-20 16:00:00	1392	58
08-Feb-20 19:00:00	1391	43
06-Feb-20 06:00:00	1391	48
15-Feb-20 03:00:00	1391	43
23-Jan-20 18:00:00	1390	54
03-Feb-20 08:00:00	1390	42
22-Feb-20 11:00:00	1390	48
15-Feb-20 02:00:00	1390	45
22-Feb-20 04:00:00	1390	43

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Feb-20 17:00:00	1390	43
15-Feb-20 15:00:00	1390	48
27-Feb-20 18:00:00	1389	48
24-Feb-20 07:00:00	1389	39
04-Feb-20 07:00:00	1389	62
13-Feb-20 16:00:00	1389	50
21-Jan-20 07:00:00	1388	46
20-Feb-20 09:00:00	1388	52
14-Feb-20 10:00:00	1388	43
16-Dec-20 08:00:00	1388	60
07-Mar-20 19:00:00	1387	54
14-Mar-20 10:00:00	1387	37
16-Feb-20 15:00:00	1387	62
22-Feb-20 20:00:00	1386	66
13-Feb-20 11:00:00	1386	44
10-Feb-20 11:00:00	1385	56
21-Feb-20 01:00:00	1385	46
19-Jan-20 14:00:00	1384	30
11-Mar-20 10:00:00	1384	32
03-Feb-20 19:00:00	1384	55
06-Feb-20 10:00:00	1384	53
09-Feb-20 09:00:00	1384	37
20-Mar-20 08:00:00	1384	21
10-Jan-20 15:00:00	1383	47
14-Feb-20 11:00:00	1383	46
14-Jan-20 06:00:00	1382	68
21-Jan-20 21:00:00	1382	60
21-Feb-20 04:00:00	1382	43
13-Feb-20 18:00:00	1381	51
08-Feb-20 16:00:00	1381	44
25-Jan-20 20:00:00	1380	52
10-Feb-20 12:00:00	1380	57
17-Dec-20 08:00:00	1380	50
14-Feb-20 15:00:00	1380	50
04-Feb-20 08:00:00	1380	57
27-Feb-20 20:00:00	1379	40
21-Feb-20 02:00:00	1379	45
03-Mar-20 09:00:00	1379	40
15-Feb-20 22:00:00	1379	52
09-Mar-20 09:00:00	1378	40
19-Feb-20 14:00:00	1378	50

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Mar-20 21:00:00	1378	30
22-Feb-20 03:00:00	1378	43
09-Feb-20 08:00:00	1378	37
10-Jan-20 12:00:00	1378	44
18-Feb-20 17:00:00	1378	51
13-Feb-20 12:00:00	1377	43
31-Dec-20 17:00:00	1377	56
10-Mar-20 18:00:00	1377	33
01-Feb-20 21:00:00	1377	47
28-Feb-20 10:00:00	1376	34
22-Jan-20 21:00:00	1375	58
07-Mar-20 16:00:00	1375	50
20-Jan-20 17:00:00	1375	48
07-Feb-20 18:00:00	1375	36
08-Jan-20 17:00:00	1375	63
14-Jan-20 11:00:00	1375	41
13-Jan-20 11:00:00	1375	68
19-Jan-20 15:00:00	1375	29
22-Jan-20 13:00:00	1373	45
21-Feb-20 03:00:00	1373	45
18-Feb-20 08:00:00	1373	46
06-Feb-20 15:00:00	1373	62
15-Jan-20 12:00:00	1372	49
19-Jan-20 21:00:00	1372	25
01-Feb-20 07:00:00	1371	32
23-Mar-20 09:00:00	1371	56
16-Jan-20 06:00:00	1371	46
12-Jan-20 19:00:00	1371	51
23-Jan-20 16:00:00	1370	49
20-Feb-20 10:00:00	1370	53
31-Dec-20 16:00:00	1370	54
14-Mar-20 09:00:00	1370	34
18-Jan-20 22:00:00	1370	30
13-Dec-20 17:00:00	1369	49
22-Mar-20 20:00:00	1369	41
03-Feb-20 09:00:00	1369	47
15-Jan-20 14:00:00	1369	46
16-Jan-20 16:00:00	1368	54
10-Feb-20 15:00:00	1368	51
28-Feb-20 07:00:00	1368	40
05-Feb-20 21:00:00	1368	39

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
17-Dec-20 09:00:00	1367	47
26-Jan-20 08:00:00	1367	49
18-Feb-20 22:00:00	1367	47
23-Jan-20 19:00:00	1367	49
01-Feb-20 11:00:00	1366	35
16-Feb-20 07:00:00	1366	49
05-Feb-20 08:00:00	1366	52
08-Feb-20 20:00:00	1366	43
22-Feb-20 00:00:00	1365	49
10-Mar-20 17:00:00	1365	34
12-Jan-20 15:00:00	1364	58
16-Feb-20 19:00:00	1364	55
17-Jan-20 20:00:00	1364	41
16-Jan-20 10:00:00	1364	55
22-Jan-20 14:00:00	1364	51
13-Feb-20 15:00:00	1364	50
10-Jan-20 21:00:00	1364	51
17-Dec-20 17:00:00	1364	52
31-Jan-20 15:00:00	1364	41
17-Mar-20 10:00:00	1363	39
02-Feb-20 18:00:00	1363	43
20-Feb-20 12:00:00	1363	58
15-Jan-20 13:00:00	1362	49
31-Jan-20 09:00:00	1362	35
09-Jan-20 21:00:00	1362	56
13-Feb-20 13:00:00	1362	45
22-Feb-20 02:00:00	1361	43
16-Dec-20 07:00:00	1361	59
17-Dec-20 11:00:00	1361	45
12-Feb-20 18:00:00	1361	45
19-Jan-20 05:00:00	1360	25
03-Feb-20 20:00:00	1360	54
08-Jan-20 16:00:00	1360	64
14-Mar-20 11:00:00	1360	38
16-Dec-20 21:00:00	1360	67
14-Feb-20 12:00:00	1360	46
07-Feb-20 15:00:00	1359	37
10-Jan-20 13:00:00	1359	45
20-Mar-20 09:00:00	1359	26
13-Feb-20 19:00:00	1359	51
31-Jan-20 21:00:00	1359	42

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
25-Jan-20 11:00:00	1359	50
07-Feb-20 09:00:00	1359	59
07-Feb-20 10:00:00	1359	50
09-Mar-20 10:00:00	1359	42
06-Jan-20 17:00:00	1359	64
16-Dec-20 09:00:00	1359	60
20-Feb-20 14:00:00	1359	60
03-Feb-20 07:00:00	1358	43
25-Jan-20 06:00:00	1358	51
09-Feb-20 10:00:00	1358	37
30-Dec-20 17:00:00	1358	73
12-Feb-20 17:00:00	1358	52
14-Jan-20 15:00:00	1358	39
17-Dec-20 10:00:00	1358	45
07-Feb-20 08:00:00	1357	58
10-Feb-20 13:00:00	1357	57
10-Feb-20 20:00:00	1357	46
18-Feb-20 09:00:00	1357	50
15-Jan-20 05:00:00	1357	51
07-Feb-20 11:00:00	1357	49
22-Jan-20 05:00:00	1357	57
23-Mar-20 06:00:00	1357	43
10-Mar-20 04:00:00	1356	34
22-Mar-20 09:00:00	1356	45
13-Dec-20 16:00:00	1356	43
20-Feb-20 11:00:00	1356	57
13-Jan-20 22:00:00	1355	63
11-Mar-20 11:00:00	1355	35
03-Feb-20 12:00:00	1354	56
07-Feb-20 12:00:00	1354	47
31-Jan-20 11:00:00	1354	40
26-Jan-20 09:00:00	1353	50
19-Feb-20 16:00:00	1353	41
16-Jan-20 22:00:00	1353	50
12-Mar-20 08:00:00	1353	28
20-Feb-20 13:00:00	1353	61
09-Mar-20 23:00:00	1353	38
03-Feb-20 11:00:00	1352	51
12-Feb-20 19:00:00	1352	42
13-Feb-20 14:00:00	1352	47
22-Mar-20 10:00:00	1352	48

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
31-Jan-20 12:00:00	1352	40
19-Feb-20 17:00:00	1351	41
17-Mar-20 05:00:00	1351	33
18-Jan-20 09:00:00	1351	44
19-Feb-20 15:00:00	1350	51
29-Jan-20 17:00:00	1350	50
17-Dec-20 12:00:00	1350	46
18-Jan-20 10:00:00	1350	43
16-Mar-20 10:00:00	1350	47
03-Feb-20 10:00:00	1350	48
22-Mar-20 19:00:00	1349	41
02-Mar-20 19:00:00	1349	39
27-Feb-20 21:00:00	1349	41
17-Dec-20 16:00:00	1349	51
09-Feb-20 22:00:00	1349	53
07-Mar-20 20:00:00	1348	56
07-Feb-20 19:00:00	1348	36
23-Jan-20 11:00:00	1348	52
27-Feb-20 08:00:00	1348	47
01-Mar-20 17:00:00	1348	38
24-Feb-20 08:00:00	1348	39
05-Feb-20 07:00:00	1348	51
07-Feb-20 13:00:00	1347	40
12-Jan-20 20:00:00	1347	47
06-Feb-20 21:00:00	1346	45
16-Feb-20 20:00:00	1346	55
27-Feb-20 17:00:00	1346	49
18-Jan-20 14:00:00	1346	43
10-Mar-20 12:00:00	1345	41
22-Feb-20 12:00:00	1345	41
03-Feb-20 15:00:00	1345	62
19-Feb-20 06:00:00	1345	49
06-Feb-20 11:00:00	1345	51
30-Jan-20 17:00:00	1345	47
01-Mar-20 18:00:00	1345	38
20-Dec-20 17:00:00	1344	50
22-Mar-20 21:00:00	1344	42
02-Feb-20 08:00:00	1344	54
14-Jan-20 12:00:00	1344	42
07-Feb-20 14:00:00	1344	37
22-Feb-20 01:00:00	1343	46

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
03-Mar-20 10:00:00	1343	40
20-Jan-20 16:00:00	1343	45
08-Jan-20 08:00:00	1343	66
14-Feb-20 14:00:00	1343	50
31-Jan-20 10:00:00	1343	39
22-Feb-20 21:00:00	1342	57
09-Feb-20 11:00:00	1342	37
30-Jan-20 18:00:00	1342	48
08-Mar-20 20:00:00	1342	50
12-Feb-20 09:00:00	1342	53
16-Dec-20 10:00:00	1341	60
16-Jan-20 11:00:00	1341	53
17-Jan-20 07:00:00	1341	46
18-Feb-20 07:00:00	1341	42
23-Mar-20 10:00:00	1341	62
24-Jan-20 17:00:00	1340	49
22-Mar-20 11:00:00	1340	49
14-Feb-20 13:00:00	1340	46
22-Mar-20 08:00:00	1340	43
30-Jan-20 19:00:00	1340	49
13-Mar-20 09:00:00	1339	50
18-Jan-20 23:00:00	1339	30
02-Mar-20 20:00:00	1339	39
17-Dec-20 07:00:00	1339	58
20-Mar-20 07:00:00	1338	20
10-Feb-20 14:00:00	1338	56
23-Nov-20 08:00:00	1338	21
16-Dec-20 15:00:00	1338	61
12-Jan-20 14:00:00	1338	58
24-Jan-20 18:00:00	1338	49
16-Mar-20 06:00:00	1337	22
03-Feb-20 13:00:00	1337	55
22-Feb-20 16:00:00	1337	46
08-Feb-20 11:00:00	1336	39
10-Jan-20 14:00:00	1336	49
09-Feb-20 16:00:00	1336	49
06-Feb-20 14:00:00	1336	61
12-Feb-20 10:00:00	1336	51
24-Jan-20 19:00:00	1335	46
18-Jan-20 13:00:00	1335	41
06-Jan-20 16:00:00	1335	61

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
15-Feb-20 23:00:00	1335	51
06-Feb-20 12:00:00	1335	54
01-Mar-20 19:00:00	1335	36
13-Dec-20 18:00:00	1335	49
01-Mar-20 09:00:00	1335	42
18-Feb-20 10:00:00	1335	54
20-Jan-20 18:00:00	1334	51
05-Feb-20 09:00:00	1334	52
28-Feb-20 11:00:00	1334	36
08-Feb-20 21:00:00	1334	44
12-Feb-20 11:00:00	1334	48
19-Jan-20 04:00:00	1334	25
12-Feb-20 20:00:00	1334	37
31-Jan-20 13:00:00	1334	40
16-Dec-20 11:00:00	1334	60
07-Feb-20 07:00:00	1334	52
21-Jan-20 12:00:00	1333	49
21-Jan-20 22:00:00	1333	60
10-Jan-20 05:00:00	1333	54
06-Feb-20 13:00:00	1333	59
12-Mar-20 07:00:00	1333	29
25-Jan-20 21:00:00	1333	52
27-Feb-20 07:00:00	1333	48
03-Feb-20 14:00:00	1333	56
12-Jan-20 13:00:00	1333	58
31-Jan-20 14:00:00	1332	41
02-Mar-20 18:00:00	1332	44
23-Jan-20 06:00:00	1332	48
13-Feb-20 06:00:00	1332	45
12-Jan-20 12:00:00	1331	57
23-Nov-20 07:00:00	1331	22
12-Mar-20 09:00:00	1331	28
12-Feb-20 16:00:00	1331	56
21-Jan-20 10:00:00	1331	49
29-Jan-20 18:00:00	1331	49
21-Jan-20 15:00:00	1330	56
08-Feb-20 15:00:00	1330	44
09-Jan-20 15:00:00	1330	58
31-Dec-20 18:00:00	1329	57
13-Feb-20 20:00:00	1329	53
13-Jan-20 12:00:00	1329	69

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Mar-20 03:00:00	1329	36
18-Jan-20 12:00:00	1328	41
03-Mar-20 11:00:00	1328	40
21-Jan-20 11:00:00	1328	55
05-Mar-20 19:00:00	1328	48
15-Jan-20 22:00:00	1328	45
12-Feb-20 08:00:00	1328	54
08-Mar-20 19:00:00	1328	50
19-Feb-20 18:00:00	1328	50
09-Mar-20 11:00:00	1327	34
17-Dec-20 18:00:00	1327	52
15-Dec-20 17:00:00	1326	56
08-Mar-20 11:00:00	1326	51
08-Jan-20 18:00:00	1325	62
24-Jan-20 20:00:00	1325	47
23-Jan-20 20:00:00	1325	49
08-Jan-20 09:00:00	1325	64
07-Mar-20 10:00:00	1325	46
07-Jan-20 17:00:00	1324	56
20-Jan-20 19:00:00	1324	51
26-Jan-20 07:00:00	1324	48
30-Dec-20 16:00:00	1324	63
05-Feb-20 16:00:00	1324	42
16-Feb-20 06:00:00	1323	48
18-Feb-20 11:00:00	1323	53
09-Mar-20 18:00:00	1323	45
01-Feb-20 22:00:00	1323	44
08-Feb-20 10:00:00	1322	42
30-Dec-20 18:00:00	1322	73
03-Mar-20 12:00:00	1322	40
01-Mar-20 08:00:00	1322	42
08-Mar-20 10:00:00	1322	48
01-Mar-20 10:00:00	1321	42
30-Jan-20 20:00:00	1321	49
24-Mar-20 07:00:00	1321	42
11-Mar-20 06:00:00	1321	29
24-Mar-20 08:00:00	1321	43
13-Dec-20 19:00:00	1321	48
14-Jan-20 23:00:00	1320	52
04-Feb-20 18:00:00	1320	46
07-Mar-20 11:00:00	1320	46

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
14-Jan-20 14:00:00	1319	42
07-Jan-20 08:00:00	1319	49
07-Mar-20 12:00:00	1318	46
13-Mar-20 06:00:00	1318	35
03-Mar-20 17:00:00	1318	38
20-Feb-20 06:00:00	1318	54
10-Mar-20 16:00:00	1317	40
04-Feb-20 19:00:00	1317	45
29-Jan-20 19:00:00	1317	49
02-Feb-20 19:00:00	1317	41
04-Feb-20 09:00:00	1316	52
01-Mar-20 16:00:00	1316	37
09-Feb-20 12:00:00	1316	37
10-Mar-20 02:00:00	1316	36
25-Nov-20 17:00:00	1316	67
21-Jan-20 13:00:00	1316	49
17-Jan-20 21:00:00	1316	41
03-Feb-20 21:00:00	1316	55
11-Feb-20 08:00:00	1315	49
20-Dec-20 18:00:00	1315	50
18-Jan-20 11:00:00	1315	43
10-Feb-20 05:00:00	1314	37
07-Mar-20 15:00:00	1314	49
20-Jan-20 20:00:00	1314	51
19-Jan-20 22:00:00	1314	25
14-Dec-20 17:00:00	1313	64
01-Feb-20 12:00:00	1313	35
19-Mar-20 07:00:00	1313	27
05-Mar-20 18:00:00	1313	49
30-Jan-20 08:00:00	1313	52
12-Jan-20 11:00:00	1313	56
08-Mar-20 21:00:00	1313	52
29-Jan-20 08:00:00	1312	56
31-Jan-20 22:00:00	1312	42
07-Mar-20 09:00:00	1312	45
16-Dec-20 12:00:00	1311	60
10-Mar-20 22:00:00	1311	28
10-Feb-20 21:00:00	1311	46
11-Jan-20 17:00:00	1311	48
05-Feb-20 22:00:00	1311	37
02-Mar-20 08:00:00	1311	43

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
08-Jan-20 10:00:00	1311	60
09-Feb-20 07:00:00	1311	37
23-Mar-20 11:00:00	1311	60
04-Feb-20 17:00:00	1311	47
19-Jan-20 03:00:00	1310	27
14-Feb-20 06:00:00	1310	48
16-Mar-20 11:00:00	1310	48
07-Jan-20 18:00:00	1310	58
20-Mar-20 10:00:00	1310	30
27-Feb-20 09:00:00	1310	48
01-Mar-20 20:00:00	1309	34
14-Mar-20 08:00:00	1309	28
12-Mar-20 20:00:00	1309	22
18-Jan-20 08:00:00	1309	42
19-Mar-20 08:00:00	1309	31
05-Feb-20 10:00:00	1309	48
26-Jan-20 10:00:00	1309	54
20-Dec-20 19:00:00	1309	50
21-Jan-20 14:00:00	1309	55
06-Jan-20 18:00:00	1309	64
07-Feb-20 20:00:00	1308	35
28-Feb-20 06:00:00	1308	39
01-Feb-20 16:00:00	1308	45
23-Jan-20 12:00:00	1308	51
19-Jan-20 00:00:00	1308	30
30-Dec-20 19:00:00	1308	73
04-Feb-20 20:00:00	1308	45
09-Jan-20 22:00:00	1308	53
14-Jan-20 13:00:00	1308	42
08-Mar-20 12:00:00	1307	49
08-Jan-20 07:00:00	1307	66
03-Mar-20 18:00:00	1307	38
05-Mar-20 20:00:00	1307	45
02-Mar-20 21:00:00	1307	38
07-Jan-20 09:00:00	1307	50
19-Feb-20 19:00:00	1307	48
15-Jan-20 04:00:00	1306	49
22-Jan-20 22:00:00	1306	58
25-Jan-20 12:00:00	1306	52
23-Nov-20 09:00:00	1306	19
12-Mar-20 19:00:00	1305	21

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
03-Mar-20 16:00:00	1305	41
30-Mar-20 10:00:00	1305	54
13-Jan-20 06:00:00	1305	54
08-Jan-20 11:00:00	1304	55
22-Mar-20 12:00:00	1304	49
08-Feb-20 12:00:00	1304	38
12-Mar-20 10:00:00	1304	31
02-Mar-20 09:00:00	1304	43
11-Feb-20 18:00:00	1303	47
10-Mar-20 01:00:00	1303	38
18-Feb-20 12:00:00	1303	53
01-Feb-20 06:00:00	1303	32
10-Mar-20 00:00:00	1303	38
24-Jan-20 21:00:00	1302	46
22-Jan-20 04:00:00	1302	56
18-Dec-20 17:00:00	1302	56
07-Mar-20 13:00:00	1302	46
31-Jan-20 06:00:00	1302	33
20-Mar-20 17:00:00	1302	32
30-Mar-20 09:00:00	1301	55
21-Jan-20 06:00:00	1301	45
16-Feb-20 00:00:00	1301	49
22-Mar-20 18:00:00	1301	42
29-Jan-20 16:00:00	1301	50
15-Dec-20 19:00:00	1301	55
11-Mar-20 12:00:00	1301	35
25-Jan-20 05:00:00	1300	47
17-Dec-20 19:00:00	1300	52
12-Jan-20 21:00:00	1300	45
16-Dec-20 22:00:00	1300	71
25-Jan-20 16:00:00	1300	55
18-Feb-20 16:00:00	1300	54
22-Feb-20 13:00:00	1300	42
28-Feb-20 18:00:00	1300	38
19-Jan-20 01:00:00	1300	29
07-Mar-20 21:00:00	1299	56
22-Feb-20 15:00:00	1299	43
17-Mar-20 11:00:00	1299	36
16-Jan-20 12:00:00	1299	49
19-Jan-20 02:00:00	1298	28
08-Feb-20 14:00:00	1298	39

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Jan-20 22:00:00	1298	52
16-Dec-20 13:00:00	1298	60
30-Mar-20 11:00:00	1298	45
13-Dec-20 20:00:00	1298	48
12-Feb-20 21:00:00	1298	39
31-Dec-20 15:00:00	1298	51
14-Dec-20 16:00:00	1298	58
28-Feb-20 19:00:00	1298	38
14-Mar-20 12:00:00	1297	37
08-Jan-20 19:00:00	1297	57
09-Jan-20 14:00:00	1297	58
30-Jan-20 07:00:00	1297	47
20-Jan-20 10:00:00	1297	29
16-Dec-20 14:00:00	1297	60
20-Mar-20 19:00:00	1297	32
05-Feb-20 11:00:00	1297	45
07-Jan-20 19:00:00	1296	59
24-Feb-20 06:00:00	1296	41
11-Feb-20 19:00:00	1296	45
01-Mar-20 11:00:00	1296	42
27-Mar-20 10:00:00	1296	51
30-Jan-20 09:00:00	1296	52
22-Mar-20 17:00:00	1296	42
23-Nov-20 17:00:00	1296	45
17-Mar-20 04:00:00	1296	33
22-Feb-20 14:00:00	1296	42
16-Feb-20 05:00:00	1295	47
06-Jan-20 19:00:00	1295	64
08-Jan-20 12:00:00	1295	52
18-Mar-20 09:00:00	1295	25
25-Nov-20 08:00:00	1295	59
07-Jan-20 16:00:00	1295	57
29-Jan-20 07:00:00	1295	57
16-Feb-20 21:00:00	1295	54
06-Mar-20 08:00:00	1294	57
05-Jan-20 17:00:00	1294	61
23-Jan-20 15:00:00	1294	50
09-Jan-20 13:00:00	1294	60
19-Apr-20 17:00:00	1294	77
11-Feb-20 17:00:00	1294	52
07-Jan-20 07:00:00	1294	49

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
20-Jan-20 09:00:00	1293	22
20-Jan-20 11:00:00	1293	30
02-Mar-20 17:00:00	1293	47
19-Dec-20 17:00:00	1292	62
11-Feb-20 07:00:00	1292	51
26-Mar-20 07:00:00	1292	52
06-Mar-20 07:00:00	1292	57
22-Feb-20 22:00:00	1292	52
12-Mar-20 11:00:00	1292	30
16-Mar-20 20:00:00	1292	42
08-Jan-20 15:00:00	1292	57
07-Mar-20 08:00:00	1292	45
05-Mar-20 17:00:00	1292	55
20-Dec-20 20:00:00	1292	52
30-Mar-20 08:00:00	1292	54
13-Mar-20 10:00:00	1292	50
16-Mar-20 21:00:00	1291	46
15-Mar-20 20:00:00	1291	22
09-Mar-20 17:00:00	1291	44
28-Jan-20 17:00:00	1291	46
29-Jan-20 20:00:00	1291	49
30-Jan-20 16:00:00	1291	47
20-Mar-20 18:00:00	1291	32
03-Mar-20 13:00:00	1291	41
12-Feb-20 15:00:00	1290	53
01-Jan-20 16:00:00	1290	50
06-Mar-20 19:00:00	1290	64
26-Jan-20 17:00:00	1290	52
24-Mar-20 17:00:00	1289	37
30-Jan-20 21:00:00	1289	46
13-Jan-20 15:00:00	1289	68
28-Feb-20 12:00:00	1289	38
18-Mar-20 08:00:00	1289	26
27-Mar-20 11:00:00	1289	50
08-Mar-20 09:00:00	1289	47
19-Feb-20 20:00:00	1289	48
02-Mar-20 10:00:00	1289	43
08-Feb-20 09:00:00	1288	46
09-Feb-20 13:00:00	1288	37
08-Feb-20 22:00:00	1288	44
26-Jan-20 19:00:00	1288	50

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
15-Dec-20 16:00:00	1288	56
22-Mar-20 22:00:00	1288	43
26-Jan-20 18:00:00	1288	50
19-Apr-20 16:00:00	1287	77
22-Mar-20 07:00:00	1287	43
20-Dec-20 16:00:00	1287	50
03-Jan-20 17:00:00	1287	58
24-Mar-20 16:00:00	1287	37
10-Mar-20 13:00:00	1287	43
27-Feb-20 22:00:00	1286	41
25-Nov-20 07:00:00	1286	52
08-Mar-20 13:00:00	1285	47
09-Mar-20 12:00:00	1285	32
27-Mar-20 09:00:00	1285	46
18-Feb-20 23:00:00	1285	47
15-Jan-20 03:00:00	1285	49
04-Feb-20 06:00:00	1285	59
Average (MW)	**1377**	**49**

Table C-2: Top 10% of Island Interconnected System Load Hours (2021)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
11-Feb-21 10:00:00	1518	52
11-Feb-21 17:00:00	1516	47
11-Feb-21 11:00:00	1514	53
11-Feb-21 09:00:00	1509	52
16-Dec-21 17:00:00	1506	78
22-Feb-21 08:00:00	1506	65
11-Feb-21 12:00:00	1501	52
16-Dec-21 19:00:00	1500	73
16-Dec-21 18:00:00	1498	75
21-Feb-21 17:00:00	1494	48
11-Feb-21 08:00:00	1493	55
22-Feb-21 07:00:00	1491	63
16-Dec-21 20:00:00	1489	73
11-Feb-21 16:00:00	1487	47
15-Dec-21 16:00:00	1482	65
16-Dec-21 08:00:00	1479	78
15-Dec-21 17:00:00	1478	69
22-Feb-21 09:00:00	1478	65

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
24-Dec-21 17:00:00	1477	73
11-Feb-21 13:00:00	1474	52
11-Feb-21 18:00:00	1471	47
21-Feb-21 16:00:00	1469	58
16-Dec-21 09:00:00	1468	77
24-Dec-21 16:00:00	1466	72
11-Feb-21 14:00:00	1459	51
16-Dec-21 21:00:00	1458	73
11-Feb-21 15:00:00	1456	46
17-Dec-21 08:00:00	1455	64
21-Feb-21 18:00:00	1450	46
20-Dec-21 17:00:00	1447	59
16-Dec-21 16:00:00	1446	79
11-Feb-21 19:00:00	1445	47
15-Dec-21 18:00:00	1445	61
16-Dec-21 10:00:00	1445	77
11-Feb-21 07:00:00	1444	55
17-Dec-21 09:00:00	1440	64
16-Dec-21 07:00:00	1438	78
15-Dec-21 19:00:00	1438	64
24-Dec-21 18:00:00	1434	74
21-Feb-21 19:00:00	1432	43
17-Dec-21 07:00:00	1431	64
17-Dec-21 10:00:00	1429	65
24-Dec-21 11:00:00	1425	72
20-Dec-21 18:00:00	1425	59
22-Feb-21 06:00:00	1424	50
21-Feb-21 10:00:00	1424	57
15-Dec-21 20:00:00	1422	66
16-Dec-21 11:00:00	1421	77
17-Dec-21 11:00:00	1420	69
17-Dec-21 16:00:00	1420	72
21-Feb-21 15:00:00	1420	60
20-Jan-21 17:00:00	1419	70
20-Dec-21 19:00:00	1419	63
19-Feb-21 08:00:00	1418	34
15-Dec-21 15:00:00	1418	61
17-Dec-21 17:00:00	1416	71
24-Dec-21 10:00:00	1415	74
21-Feb-21 11:00:00	1415	57
24-Dec-21 12:00:00	1415	72

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
22-Feb-21 10:00:00	1414	63
21-Jan-21 17:00:00	1411	57
21-Dec-21 08:00:00	1410	69
24-Dec-21 19:00:00	1409	73
11-Feb-21 20:00:00	1408	47
21-Feb-21 20:00:00	1407	41
24-Dec-21 15:00:00	1406	72
15-Dec-21 11:00:00	1406	56
21-Feb-21 09:00:00	1405	59
20-Dec-21 20:00:00	1404	66
15-Dec-21 10:00:00	1404	58
10-Dec-21 17:00:00	1402	68
20-Dec-21 16:00:00	1402	54
15-Dec-21 08:00:00	1401	71
21-Feb-21 14:00:00	1401	57
19-Feb-21 07:00:00	1399	32
24-Dec-21 09:00:00	1399	74
15-Dec-21 09:00:00	1398	64
16-Dec-21 12:00:00	1398	77
17-Dec-21 12:00:00	1396	74
21-Jan-21 16:00:00	1396	57
21-Feb-21 12:00:00	1396	59
21-Dec-21 09:00:00	1393	79
16-Dec-21 22:00:00	1393	73
29-Jan-21 08:00:00	1393	49
19-Dec-21 17:00:00	1392	79
24-Dec-21 13:00:00	1392	72
17-Mar-21 07:00:00	1391	51
15-Dec-21 12:00:00	1391	56
22-Feb-21 11:00:00	1390	63
20-Jan-21 18:00:00	1389	65
21-Feb-21 13:00:00	1388	58
24-Dec-21 14:00:00	1387	72
17-Mar-21 08:00:00	1386	60
15-Dec-21 21:00:00	1384	76
29-Mar-21 11:00:00	1384	65
15-Dec-21 14:00:00	1384	59
25-Jan-21 08:00:00	1384	43
24-Dec-21 20:00:00	1382	67
21-Dec-21 17:00:00	1382	75
18-Mar-21 08:00:00	1381	67

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
29-Jan-21 17:00:00	1381	50
17-Dec-21 13:00:00	1380	74
15-Dec-21 07:00:00	1380	72
17-Dec-21 15:00:00	1379	72
19-Dec-21 18:00:00	1378	78
19-Feb-21 09:00:00	1378	38
23-Jan-21 17:00:00	1378	52
16-Mar-21 08:00:00	1376	72
19-Feb-21 17:00:00	1375	56
29-Jan-21 09:00:00	1375	49
19-Dec-21 19:00:00	1373	77
17-Dec-21 14:00:00	1373	73
19-Feb-21 18:00:00	1372	53
25-Jan-21 09:00:00	1372	42
20-Jan-21 16:00:00	1372	70
10-Dec-21 18:00:00	1371	68
15-Dec-21 13:00:00	1371	55
21-Feb-21 21:00:00	1370	41
29-Mar-21 12:00:00	1370	66
20-Dec-21 21:00:00	1370	69
17-Dec-21 18:00:00	1369	72
28-Feb-21 11:00:00	1367	42
29-Mar-21 10:00:00	1366	62
20-Dec-21 09:00:00	1365	65
21-Dec-21 16:00:00	1365	76
10-Dec-21 16:00:00	1365	69
16-Dec-21 13:00:00	1364	77
28-Feb-21 12:00:00	1364	48
21-Dec-21 07:00:00	1364	61
01-Feb-21 17:00:00	1363	56
03-Jan-21 17:00:00	1363	48
21-Jan-21 18:00:00	1362	58
18-Mar-21 07:00:00	1361	67
22-Feb-21 12:00:00	1361	62
20-Feb-21 17:00:00	1360	61
21-Jan-21 08:00:00	1360	59
20-Jan-21 19:00:00	1360	66
24-Dec-21 08:00:00	1360	73
02-Feb-21 08:00:00	1359	59
11-Jan-21 17:00:00	1359	75
16-Mar-21 09:00:00	1358	72

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
19-Dec-21 20:00:00	1358	77
10-Dec-21 19:00:00	1357	68
21-Jan-21 09:00:00	1357	62
31-Dec-21 17:00:00	1356	57
04-Jan-21 17:00:00	1356	66
22-Feb-21 18:00:00	1356	35
16-Dec-21 15:00:00	1355	79
29-Jan-21 10:00:00	1355	60
22-Feb-21 19:00:00	1355	33
16-Jan-21 17:00:00	1355	61
19-Feb-21 19:00:00	1355	52
20-Dec-21 10:00:00	1354	59
21-Jan-21 12:00:00	1354	57
29-Mar-21 09:00:00	1354	62
25-Jan-21 07:00:00	1354	42
11-Feb-21 06:00:00	1354	52
20-Feb-21 18:00:00	1353	56
21-Dec-21 18:00:00	1353	75
11-Feb-21 21:00:00	1353	47
29-Jan-21 07:00:00	1353	48
14-Dec-21 17:00:00	1353	75
20-Jan-21 08:00:00	1352	44
21-Feb-21 08:00:00	1352	54
16-Feb-21 08:00:00	1352	43
21-Jan-21 15:00:00	1350	57
20-Dec-21 08:00:00	1349	77
21-Jan-21 11:00:00	1349	60
24-Dec-21 21:00:00	1349	63
19-Feb-21 16:00:00	1348	56
21-Jan-21 10:00:00	1348	62
09-Mar-21 08:00:00	1348	36
13-Feb-21 17:00:00	1348	55
21-Dec-21 10:00:00	1347	85
20-Dec-21 11:00:00	1347	56
29-Jan-21 16:00:00	1347	50
22-Jan-21 09:00:00	1347	61
22-Feb-21 05:00:00	1346	28
25-Jan-21 10:00:00	1346	44
20-Jan-21 09:00:00	1345	44
31-Mar-21 08:00:00	1345	64
20-Feb-21 09:00:00	1345	66

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
01-Jan-21 17:00:00	1345	55
10-Feb-21 17:00:00	1345	59
21-Jan-21 13:00:00	1344	57
23-Jan-21 18:00:00	1344	51
02-Feb-21 09:00:00	1344	63
16-Dec-21 06:00:00	1344	73
23-Feb-21 08:00:00	1344	64
16-Dec-21 14:00:00	1344	78
20-Jan-21 10:00:00	1343	45
13-Feb-21 18:00:00	1343	55
20-Jan-21 11:00:00	1343	46
12-Feb-21 17:00:00	1343	65
11-Dec-21 09:00:00	1343	64
17-Dec-21 06:00:00	1342	64
28-Feb-21 10:00:00	1342	40
15-Feb-21 08:00:00	1342	34
17-Dec-21 19:00:00	1341	71
25-Dec-21 09:00:00	1340	72
16-Feb-21 17:00:00	1340	54
15-Feb-21 09:00:00	1340	38
21-Dec-21 12:00:00	1340	78
22-Jan-21 17:00:00	1339	60
28-Jan-21 17:00:00	1339	56
21-Jan-21 14:00:00	1339	57
22-Dec-21 17:00:00	1338	71
10-Feb-21 18:00:00	1337	65
22-Feb-21 20:00:00	1337	32
28-Feb-21 13:00:00	1337	48
26-Feb-21 18:00:00	1337	51
10-Feb-21 08:00:00	1337	55
11-Jan-21 16:00:00	1336	76
10-Feb-21 19:00:00	1336	62
25-Dec-21 11:00:00	1336	65
20-Feb-21 19:00:00	1336	57
22-Feb-21 17:00:00	1335	47
02-Feb-21 07:00:00	1335	54
10-Dec-21 20:00:00	1335	66
05-Jan-21 17:00:00	1335	70
20-Dec-21 12:00:00	1335	56
29-Mar-21 13:00:00	1334	65
18-Mar-21 09:00:00	1334	68

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
29-Jan-21 18:00:00	1334	50
25-Dec-21 10:00:00	1334	66
19-Dec-21 16:00:00	1334	78
25-Jan-21 17:00:00	1333	56
16-Feb-21 09:00:00	1333	45
19-Feb-21 10:00:00	1333	39
29-Mar-21 08:00:00	1333	62
29-Mar-21 16:00:00	1333	65
31-Mar-21 07:00:00	1333	64
21-Jan-21 19:00:00	1332	60
12-Feb-21 08:00:00	1332	55
01-Feb-21 16:00:00	1332	57
23-Jan-21 16:00:00	1332	52
17-Mar-21 09:00:00	1332	63
12-Feb-21 09:00:00	1332	57
21-Dec-21 19:00:00	1331	73
01-Jan-21 18:00:00	1331	54
16-Mar-21 10:00:00	1331	70
09-Mar-21 09:00:00	1331	36
20-Feb-21 08:00:00	1331	65
27-Jan-21 17:00:00	1330	50
01-Feb-21 18:00:00	1330	42
23-Feb-21 07:00:00	1330	51
19-Feb-21 20:00:00	1329	52
20-Feb-21 16:00:00	1328	58
20-Jan-21 15:00:00	1328	66
15-Dec-21 22:00:00	1328	76
14-Dec-21 18:00:00	1327	77
26-Feb-21 19:00:00	1327	51
12-Jan-21 08:00:00	1327	64
22-Dec-21 19:00:00	1327	71
03-Mar-21 07:00:00	1327	49
15-Feb-21 17:00:00	1326	51
20-Feb-21 10:00:00	1326	64
12-Jan-21 09:00:00	1325	66
10-Dec-21 08:00:00	1325	55
03-Jan-21 18:00:00	1325	49
04-Jan-21 16:00:00	1325	67
12-Feb-21 18:00:00	1325	66
16-Jan-21 16:00:00	1325	57
03-Jan-21 16:00:00	1325	48

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Jan-21 07:00:00	1325	59
23-Feb-21 17:00:00	1325	57
21-Dec-21 13:00:00	1325	73
31-Dec-21 16:00:00	1324	57
19-Feb-21 06:00:00	1324	33
04-Mar-21 08:00:00	1324	41
20-Jan-21 20:00:00	1323	66
10-Feb-21 07:00:00	1323	47
01-Jan-21 19:00:00	1323	53
28-Jan-21 08:00:00	1323	48
22-Dec-21 18:00:00	1323	71
10-Feb-21 20:00:00	1323	64
23-Jan-21 09:00:00	1322	59
01-Jan-21 16:00:00	1322	55
02-Feb-21 17:00:00	1322	55
29-Mar-21 17:00:00	1322	69
16-Feb-21 18:00:00	1322	53
15-Feb-21 18:00:00	1322	50
08-Feb-21 11:00:00	1322	65
01-Feb-21 08:00:00	1321	65
26-Feb-21 17:00:00	1321	50
30-Jan-21 10:00:00	1321	69
30-Jan-21 17:00:00	1321	60
16-Dec-21 23:00:00	1321	67
22-Jan-21 10:00:00	1321	51
13-Feb-21 19:00:00	1320	47
11-Dec-21 17:00:00	1320	65
21-Dec-21 11:00:00	1320	84
30-Dec-21 17:00:00	1320	52
20-Dec-21 13:00:00	1320	54
09-Dec-21 17:00:00	1319	67
16-Mar-21 07:00:00	1319	57
15-Feb-21 10:00:00	1319	39
19-Dec-21 21:00:00	1319	77
30-Jan-21 11:00:00	1319	67
12-Feb-21 10:00:00	1318	58
03-Mar-21 08:00:00	1318	41
22-Dec-21 20:00:00	1318	72
22-Jan-21 08:00:00	1318	53
09-Feb-21 17:00:00	1318	66
25-Jan-21 11:00:00	1317	48

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
20-Dec-21 15:00:00	1317	44
21-Feb-21 22:00:00	1317	41
08-Feb-21 12:00:00	1316	65
16-Jan-21 11:00:00	1316	60
14-Dec-21 16:00:00	1316	69
09-Dec-21 16:00:00	1316	68
23-Jan-21 19:00:00	1316	51
21-Dec-21 14:00:00	1316	75
28-Jan-21 18:00:00	1316	57
19-Feb-21 11:00:00	1316	47
28-Feb-21 16:00:00	1316	49
04-Mar-21 09:00:00	1315	41
20-Jan-21 12:00:00	1315	46
20-Jan-21 07:00:00	1315	48
12-Jan-21 10:00:00	1315	68
11-Jan-21 18:00:00	1314	75
29-Mar-21 15:00:00	1314	64
28-Feb-21 17:00:00	1314	45
22-Jan-21 18:00:00	1314	63
12-Feb-21 16:00:00	1314	68
04-Jan-21 18:00:00	1314	66
14-Dec-21 19:00:00	1314	77
31-Dec-21 18:00:00	1314	58
16-Jan-21 10:00:00	1313	62
23-Jan-21 10:00:00	1313	62
08-Feb-21 10:00:00	1312	64
01-Feb-21 09:00:00	1312	61
11-Dec-21 08:00:00	1312	65
16-Mar-21 20:00:00	1312	52
16-Mar-21 19:00:00	1312	54
14-Feb-21 09:00:00	1311	43
16-Feb-21 16:00:00	1311	58
23-Feb-21 18:00:00	1311	60
16-Jan-21 12:00:00	1311	59
16-Feb-21 07:00:00	1310	45
01-Jan-21 20:00:00	1310	53
22-Dec-21 08:00:00	1310	62
26-Jan-21 08:00:00	1309	53
13-Feb-21 16:00:00	1309	59
30-Jan-21 09:00:00	1309	69
04-Dec-21 17:00:00	1309	71

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
22-Feb-21 04:00:00	1309	29
02-Feb-21 10:00:00	1308	61
01-Feb-21 19:00:00	1308	35
18-Feb-21 17:00:00	1308	31
02-Mar-21 11:00:00	1308	52
18-Feb-21 18:00:00	1308	30
03-Mar-21 18:00:00	1308	48
19-Feb-21 12:00:00	1308	55
26-Feb-21 20:00:00	1307	46
12-Jan-21 11:00:00	1307	68
11-Dec-21 16:00:00	1307	66
16-Jan-21 18:00:00	1307	63
29-Mar-21 14:00:00	1307	63
20-Dec-21 07:00:00	1307	73
16-Feb-21 10:00:00	1307	43
28-Dec-21 17:00:00	1307	65
01-Feb-21 10:00:00	1306	47
05-Jan-21 16:00:00	1306	74
23-Feb-21 16:00:00	1306	39
18-Feb-21 19:00:00	1306	33
18-Feb-21 08:00:00	1306	69
25-Dec-21 08:00:00	1305	68
03-Mar-21 19:00:00	1305	48
10-Dec-21 21:00:00	1305	69
14-Dec-21 20:00:00	1305	77
20-Feb-21 11:00:00	1304	58
20-Feb-21 20:00:00	1304	56
12-Feb-21 11:00:00	1304	59
02-Mar-21 10:00:00	1304	45
28-Jan-21 09:00:00	1304	56
25-Dec-21 16:00:00	1304	75
12-Feb-21 07:00:00	1303	49
26-Jan-21 09:00:00	1303	53
10-Feb-21 09:00:00	1303	43
12-Jan-21 17:00:00	1302	71
03-Jan-21 19:00:00	1302	49
20-Dec-21 14:00:00	1302	51
25-Dec-21 12:00:00	1302	69
15-Mar-21 08:00:00	1302	51
21-Dec-21 15:00:00	1302	75
28-Feb-21 09:00:00	1301	39

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
28-Feb-21 14:00:00	1301	48
14-Feb-21 08:00:00	1301	43
25-Jan-21 16:00:00	1301	56
10-Dec-21 07:00:00	1300	60
01-Feb-21 11:00:00	1300	46
02-Feb-21 18:00:00	1299	55
16-Feb-21 19:00:00	1299	48
24-Dec-21 22:00:00	1299	61
14-Feb-21 18:00:00	1299	36
15-Jan-21 17:00:00	1299	58
09-Feb-21 18:00:00	1298	72
22-Feb-21 21:00:00	1298	32
03-Mar-21 17:00:00	1298	48
02-Jan-21 17:00:00	1298	47
19-Feb-21 15:00:00	1298	56
26-Jan-21 17:00:00	1297	46
28-Feb-21 15:00:00	1297	49
09-Mar-21 10:00:00	1297	36
08-Mar-21 07:00:00	1297	43
09-Mar-21 07:00:00	1297	44
28-Jan-21 16:00:00	1297	57
28-Jan-21 19:00:00	1296	55
16-Feb-21 11:00:00	1296	45
18-Dec-21 17:00:00	1296	70
28-Jan-21 07:00:00	1296	52
16-Mar-21 17:00:00	1296	59
19-Dec-21 10:00:00	1296	74
23-Jan-21 11:00:00	1296	61
22-Feb-21 03:00:00	1296	29
22-Jan-21 19:00:00	1296	61
29-Jan-21 19:00:00	1295	50
19-Dec-21 11:00:00	1295	75
25-Jan-21 18:00:00	1295	56
20-Dec-21 22:00:00	1295	68
27-Jan-21 18:00:00	1295	57
31-Dec-21 10:00:00	1294	61
04-Mar-21 07:00:00	1294	41
25-Dec-21 17:00:00	1294	76
10-Feb-21 21:00:00	1294	63
06-Dec-21 17:00:00	1294	64
11-Jan-21 19:00:00	1293	75

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
27-Mar-21 17:00:00	1293	68
29-Dec-21 17:00:00	1293	66
27-Feb-21 08:00:00	1293	43
03-Feb-21 10:00:00	1293	58
16-Jan-21 09:00:00	1293	66
27-Feb-21 07:00:00	1293	39
12-Feb-21 19:00:00	1292	65
09-Dec-21 19:00:00	1292	61
27-Dec-21 17:00:00	1292	61
10-Jan-21 17:00:00	1292	74
14-Feb-21 10:00:00	1292	43
02-Mar-21 09:00:00	1292	37
21-Jan-21 20:00:00	1292	60
09-Dec-21 18:00:00	1292	65
29-Jan-21 15:00:00	1292	46
12-Jan-21 16:00:00	1291	73
03-Feb-21 09:00:00	1291	56
06-Dec-21 08:00:00	1291	61
26-Jan-21 10:00:00	1291	55
01-Feb-21 07:00:00	1291	57
24-Dec-21 07:00:00	1291	66
30-Jan-21 12:00:00	1290	67
15-Feb-21 07:00:00	1290	32
19-Feb-21 21:00:00	1290	52
20-Jan-21 21:00:00	1290	66
04-Jan-21 19:00:00	1290	66
15-Feb-21 19:00:00	1290	49
28-Feb-21 18:00:00	1290	43
27-Feb-21 18:00:00	1290	46
27-Feb-21 19:00:00	1290	46
17-Dec-21 20:00:00	1290	71
12-Feb-21 12:00:00	1290	60
04-Mar-21 10:00:00	1289	39
08-Feb-21 17:00:00	1289	66
10-Dec-21 09:00:00	1289	56
09-Dec-21 12:00:00	1288	69
04-Dec-21 18:00:00	1288	72
08-Feb-21 16:00:00	1288	66
09-Feb-21 16:00:00	1288	66
16-Feb-21 12:00:00	1288	50
08-Mar-21 08:00:00	1288	36

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
17-Mar-21 06:00:00	1288	40
14-Feb-21 17:00:00	1288	40
22-Dec-21 21:00:00	1288	70
31-Dec-21 11:00:00	1287	61
22-Feb-21 13:00:00	1287	58
16-Mar-21 18:00:00	1287	60
22-Jan-21 11:00:00	1287	53
28-Dec-21 18:00:00	1286	65
13-Feb-21 20:00:00	1286	41
29-Jan-21 20:00:00	1286	50
09-Dec-21 11:00:00	1286	69
12-Jan-21 07:00:00	1286	69
23-Feb-21 09:00:00	1286	67
15-Feb-21 11:00:00	1286	41
05-Jan-21 18:00:00	1286	68
10-Feb-21 16:00:00	1285	59
03-Jan-21 11:00:00	1285	52
12-Jan-21 18:00:00	1285	69
31-Dec-21 09:00:00	1285	59
18-Feb-21 20:00:00	1285	41
15-Jan-21 16:00:00	1285	59
20-Feb-21 12:00:00	1285	55
03-Jan-21 12:00:00	1285	53
27-Mar-21 16:00:00	1285	70
01-Jan-21 21:00:00	1284	53
25-Jan-21 12:00:00	1284	47
22-Feb-21 02:00:00	1284	32
23-Jan-21 20:00:00	1284	46
15-Feb-21 16:00:00	1284	48
19-Feb-21 13:00:00	1284	50
16-Mar-21 16:00:00	1284	40
22-Jan-21 20:00:00	1284	54
16-Mar-21 11:00:00	1283	43
08-Feb-21 13:00:00	1283	65
03-Feb-21 11:00:00	1283	56
30-Dec-21 18:00:00	1283	51
09-Mar-21 11:00:00	1283	35
02-Feb-21 16:00:00	1283	55
11-Feb-21 22:00:00	1283	47
21-Dec-21 06:00:00	1282	63
01-Feb-21 20:00:00	1282	34

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
20-Feb-21 07:00:00	1282	58
21-Feb-21 23:00:00	1282	35
18-Feb-21 09:00:00	1282	73
21-Dec-21 20:00:00	1281	72
15-Feb-21 20:00:00	1281	44
30-Jan-21 16:00:00	1281	60
04-Dec-21 16:00:00	1281	64
26-Jan-21 11:00:00	1280	58
31-Dec-21 19:00:00	1280	59
14-Feb-21 19:00:00	1280	34
16-Jan-21 13:00:00	1280	57
26-Feb-21 16:00:00	1280	51
09-Feb-21 19:00:00	1280	72
19-Dec-21 09:00:00	1280	72
11-Dec-21 10:00:00	1280	64
25-Dec-21 19:00:00	1280	76
26-Jan-21 07:00:00	1279	53
28-Dec-21 16:00:00	1279	69
21-Feb-21 07:00:00	1279	33
23-Feb-21 19:00:00	1279	45
23-Dec-21 17:00:00	1279	65
17-Mar-21 10:00:00	1279	44
22-Feb-21 16:00:00	1279	55
22-Dec-21 09:00:00	1279	66
27-Dec-21 16:00:00	1279	59
18-Feb-21 16:00:00	1279	34
25-Dec-21 18:00:00	1278	76
23-Jan-21 08:00:00	1278	50
17-Jan-21 11:00:00	1278	66
02-Feb-21 19:00:00	1278	55
16-Mar-21 21:00:00	1278	54
22-Dec-21 16:00:00	1278	72
07-Feb-21 18:00:00	1277	69
07-Mar-21 18:00:00	1277	32
16-Jan-21 19:00:00	1277	64
05-Jan-21 09:00:00	1277	74
31-Jan-21 17:00:00	1277	59
08-Feb-21 09:00:00	1277	63
17-Jan-21 12:00:00	1277	64
06-Dec-21 16:00:00	1277	57
12-Feb-21 15:00:00	1277	70

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Jan-21 08:00:00	1277	72
12-Jan-21 12:00:00	1277	68
27-Mar-21 19:00:00	1276	63
10-Dec-21 10:00:00	1276	55
30-Jan-21 18:00:00	1276	56
07-Mar-21 19:00:00	1276	36
28-Jan-21 20:00:00	1276	48
01-Feb-21 15:00:00	1276	59
03-Mar-21 20:00:00	1276	43
27-Jan-21 19:00:00	1276	58
25-Dec-21 20:00:00	1276	73
27-Jan-21 16:00:00	1276	44
02-Mar-21 12:00:00	1275	60
27-Feb-21 09:00:00	1275	42
20-Feb-21 15:00:00	1275	46
18-Dec-21 18:00:00	1275	71
23-Jan-21 15:00:00	1275	48
14-Feb-21 20:00:00	1275	33
15-Mar-21 09:00:00	1274	60
20-Jan-21 14:00:00	1274	61
11-Dec-21 18:00:00	1274	65
18-Mar-21 10:00:00	1274	66
30-Dec-21 16:00:00	1274	54
06-Dec-21 07:00:00	1274	62
23-Feb-21 15:00:00	1274	39
09-Dec-21 20:00:00	1274	63
27-Jan-21 08:00:00	1274	48
04-Dec-21 19:00:00	1273	72
23-Jan-21 12:00:00	1273	53
22-Feb-21 01:00:00	1273	31
26-Feb-21 21:00:00	1273	40
10-Jan-21 16:00:00	1272	75
25-Dec-21 15:00:00	1272	68
11-Jan-21 12:00:00	1272	74
03-Jan-21 10:00:00	1272	52
11-Jan-21 11:00:00	1272	74
27-Feb-21 20:00:00	1272	47
29-Jan-21 12:00:00	1271	51
30-Dec-21 19:00:00	1271	47
04-Mar-21 11:00:00	1271	41
31-Mar-21 09:00:00	1271	72

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
27-Mar-21 18:00:00	1270	63
22-Jan-21 16:00:00	1270	44
31-Dec-21 12:00:00	1270	60
01-Feb-21 12:00:00	1270	46
03-Mar-21 09:00:00	1270	34
03-Feb-21 08:00:00	1270	52
03-Jan-21 20:00:00	1270	48
11-Jan-21 15:00:00	1270	75
27-Mar-21 20:00:00	1270	62
09-Dec-21 15:00:00	1270	70
28-Jan-21 10:00:00	1270	54
09-Dec-21 13:00:00	1270	69
16-Jan-21 15:00:00	1270	57
07-Feb-21 19:00:00	1269	69
30-Mar-21 08:00:00	1269	65
29-Jan-21 14:00:00	1269	44
29-Mar-21 18:00:00	1269	69
29-Dec-21 16:00:00	1269	65
16-Feb-21 20:00:00	1269	47
10-Dec-21 11:00:00	1269	52
02-Feb-21 11:00:00	1268	58
26-Jan-21 18:00:00	1268	48
12-Feb-21 13:00:00	1268	60
17-Dec-21 05:00:00	1268	64
10-Feb-21 10:00:00	1268	48
26-Jan-21 16:00:00	1268	48
23-Dec-21 18:00:00	1268	64
29-Jan-21 11:00:00	1268	60
25-Dec-21 13:00:00	1267	70
14-Dec-21 21:00:00	1267	77
09-Dec-21 10:00:00	1267	66
11-Dec-21 11:00:00	1267	64
19-Jan-21 17:00:00	1267	51
29-Mar-21 07:00:00	1267	63
03-Jan-21 13:00:00	1267	51
30-Mar-21 09:00:00	1267	66
12-Jan-21 19:00:00	1266	69
28-Mar-21 09:00:00	1266	64
03-Jan-21 15:00:00	1266	48
24-Feb-21 17:00:00	1266	27
16-Jan-21 14:00:00	1266	57

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
20-Feb-21 21:00:00	1266	45
17-Dec-21 00:00:00	1265	68
11-Jan-21 10:00:00	1265	74
27-Mar-21 11:00:00	1265	69
11-Feb-21 05:00:00	1265	31
25-Jan-21 19:00:00	1264	56
29-Jan-21 13:00:00	1264	47
25-Feb-21 16:00:00	1264	36
26-Jan-21 12:00:00	1264	51
22-Jan-21 07:00:00	1263	56
24-Jan-21 17:00:00	1263	49
12-Jan-21 15:00:00	1263	72
27-Feb-21 10:00:00	1263	42
10-Dec-21 15:00:00	1263	67
16-Feb-21 13:00:00	1263	54
07-Feb-21 17:00:00	1263	70
12-Jan-21 13:00:00	1263	69
25-Dec-21 14:00:00	1263	68
22-Feb-21 00:00:00	1262	30
05-Jan-21 10:00:00	1262	74
27-Mar-21 13:00:00	1262	70
07-Mar-21 17:00:00	1262	32
05-Dec-21 17:00:00	1262	71
13-Feb-21 12:00:00	1262	49
18-Dec-21 16:00:00	1262	70
14-Jan-21 17:00:00	1262	72
16-Feb-21 15:00:00	1262	60
30-Jan-21 08:00:00	1262	63
16-Mar-21 12:00:00	1261	39
11-Jan-21 13:00:00	1261	75
20-Feb-21 13:00:00	1261	50
19-Dec-21 12:00:00	1261	66
17-Feb-21 17:00:00	1261	52
02-Jan-21 16:00:00	1260	47
01-Jan-21 15:00:00	1260	55
04-Dec-21 20:00:00	1260	72
24-Jan-21 18:00:00	1260	54
19-Feb-21 14:00:00	1260	51
02-Jan-21 18:00:00	1260	47
25-Feb-21 17:00:00	1260	39
18-Feb-21 07:00:00	1259	47

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
07-Mar-21 20:00:00	1259	37
22-Dec-21 07:00:00	1259	62
13-Feb-21 11:00:00	1259	52
13-Jan-21 17:00:00	1259	75
28-Feb-21 19:00:00	1259	43
12-Jan-21 14:00:00	1259	71
28-Dec-21 19:00:00	1259	66
15-Jan-21 18:00:00	1259	60
27-Mar-21 12:00:00	1259	69
23-Jan-21 13:00:00	1259	48
11-Dec-21 12:00:00	1259	64
09-Feb-21 11:00:00	1258	67
17-Jan-21 17:00:00	1258	53
02-Mar-21 08:00:00	1258	44
13-Jan-21 08:00:00	1258	56
17-Jan-21 10:00:00	1258	65
11-Jan-21 09:00:00	1258	73
09-Dec-21 14:00:00	1257	68
18-Dec-21 19:00:00	1257	70
20-Feb-21 14:00:00	1257	46
03-Jan-21 14:00:00	1257	48
04-Jan-21 20:00:00	1256	66
14-Feb-21 11:00:00	1256	41
15-Jan-21 09:00:00	1256	67
09-Feb-21 20:00:00	1256	72
24-Jan-21 19:00:00	1255	57
20-Jan-21 13:00:00	1255	51
13-Jan-21 09:00:00	1255	57
15-Dec-21 06:00:00	1255	69
17-Jan-21 16:00:00	1255	54
27-Jan-21 09:00:00	1255	48
29-Dec-21 18:00:00	1255	66
23-Dec-21 19:00:00	1255	64
13-Feb-21 15:00:00	1255	58
30-Jan-21 13:00:00	1255	61
10-Dec-21 22:00:00	1255	69
08-Feb-21 15:00:00	1254	66
06-Dec-21 09:00:00	1254	63
13-Feb-21 13:00:00	1254	49
03-Mar-21 11:00:00	1254	37
27-Dec-21 18:00:00	1254	60

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
31-Dec-21 08:00:00	1254	54
04-Jan-21 15:00:00	1254	70
09-Dec-21 21:00:00	1254	62
15-Feb-21 12:00:00	1254	41
27-Mar-21 14:00:00	1253	70
08-Feb-21 18:00:00	1253	68
03-Feb-21 07:00:00	1253	48
12-Feb-21 14:00:00	1252	66
18-Mar-21 06:00:00	1252	48
27-Feb-21 06:00:00	1252	37
18-Feb-21 21:00:00	1252	39
10-Jan-21 18:00:00	1252	74
23-Jan-21 14:00:00	1252	48
04-Jan-21 09:00:00	1252	59
04-Jan-21 11:00:00	1252	63
05-Jan-21 11:00:00	1251	72
11-Jan-21 14:00:00	1251	75
11-Dec-21 07:00:00	1251	66
24-Jan-21 09:00:00	1251	43
28-Mar-21 10:00:00	1251	66
12-Feb-21 20:00:00	1251	65
08-Mar-21 09:00:00	1250	36
27-Jan-21 20:00:00	1250	58
31-Jan-21 18:00:00	1250	62
15-Mar-21 07:00:00	1250	48
03-Feb-21 12:00:00	1250	47
04-Jan-21 12:00:00	1250	64
25-Dec-21 21:00:00	1250	72
15-Jan-21 08:00:00	1250	64
06-Dec-21 18:00:00	1250	66
08-Dec-21 17:00:00	1250	72
26-Dec-21 17:00:00	1249	70
31-Dec-21 15:00:00	1249	59
17-Mar-21 20:00:00	1249	33
01-Feb-21 21:00:00	1249	35
27-Jan-21 07:00:00	1249	45
31-Jan-21 19:00:00	1249	41
01-Jan-21 14:00:00	1249	55
09-Mar-21 19:00:00	1249	46
26-Jan-21 19:00:00	1248	51
30-Dec-21 20:00:00	1248	47

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
31-Jan-21 16:00:00	1248	53
17-Feb-21 18:00:00	1248	52
16-Dec-21 05:00:00	1248	69
22-Jan-21 12:00:00	1248	51
28-Dec-21 20:00:00	1248	66
07-Feb-21 20:00:00	1247	68
08-Feb-21 14:00:00	1247	66
24-Feb-21 18:00:00	1247	34
09-Feb-21 12:00:00	1247	66
15-Dec-21 23:00:00	1247	74
23-Feb-21 06:00:00	1247	41
14-Feb-21 07:00:00	1247	43
25-Jan-21 15:00:00	1247	52
04-Jan-21 10:00:00	1247	60
22-Jan-21 21:00:00	1246	54
15-Feb-21 13:00:00	1246	41
07-Feb-21 11:00:00	1246	61
17-Dec-21 04:00:00	1246	64
16-Mar-21 13:00:00	1246	36
11-Jan-21 20:00:00	1246	75
29-Jan-21 06:00:00	1246	43
26-Jan-21 13:00:00	1246	49
10-Mar-21 07:00:00	1246	32
09-Feb-21 09:00:00	1246	65
24-Jan-21 20:00:00	1245	57
19-Dec-21 22:00:00	1245	76
09-Feb-21 10:00:00	1245	66
24-Jan-21 10:00:00	1245	39
05-Jan-21 19:00:00	1245	70
04-Jan-21 08:00:00	1244	59
16-Feb-21 14:00:00	1244	59
27-Feb-21 17:00:00	1244	44
10-Feb-21 11:00:00	1244	54
15-Jan-21 10:00:00	1244	69
16-Mar-21 15:00:00	1244	33
02-Jan-21 08:00:00	1244	56
29-Jan-21 21:00:00	1244	52
23-Dec-21 20:00:00	1244	64
11-Dec-21 15:00:00	1244	67
31-Dec-21 13:00:00	1244	59
15-Feb-21 21:00:00	1244	31

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
07-Mar-21 11:00:00	1244	32
01-Feb-21 13:00:00	1244	46
09-Feb-21 15:00:00	1244	66
28-Jan-21 21:00:00	1244	48
27-Mar-21 15:00:00	1243	70
09-Mar-21 12:00:00	1243	35
13-Jan-21 19:00:00	1243	75
13-Jan-21 18:00:00	1243	75
21-Dec-21 21:00:00	1243	72
12-Jan-21 20:00:00	1243	69
03-Mar-21 16:00:00	1243	40
13-Jan-21 07:00:00	1243	55
11-Jan-21 08:00:00	1243	73
05-Mar-21 08:00:00	1242	35
13-Feb-21 21:00:00	1242	40
10-Dec-21 12:00:00	1242	57
17-Jan-21 13:00:00	1242	64
07-Mar-21 10:00:00	1242	32
05-Dec-21 16:00:00	1242	71
06-Mar-21 18:00:00	1241	46
02-Feb-21 20:00:00	1241	54
19-Feb-21 05:00:00	1241	35
28-Feb-21 08:00:00	1241	34
11-Dec-21 13:00:00	1241	66
17-Dec-21 01:00:00	1241	68
19-Jan-21 18:00:00	1241	52
05-Mar-21 09:00:00	1240	35
25-Dec-21 07:00:00	1240	67
05-Jan-21 12:00:00	1240	66
01-Feb-21 14:00:00	1240	48
03-Mar-21 12:00:00	1240	35
06-Mar-21 19:00:00	1240	46
23-Dec-21 08:00:00	1240	59
27-Feb-21 21:00:00	1240	46
02-Jan-21 09:00:00	1240	56
05-Jan-21 07:00:00	1239	69
05-Dec-21 18:00:00	1239	70
16-Jan-21 20:00:00	1239	59
31-Dec-21 20:00:00	1239	60
30-Jan-21 15:00:00	1239	61
03-Jan-21 09:00:00	1239	52

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
15-Jan-21 19:00:00	1239	59
14-Jan-21 08:00:00	1239	60
23-Jan-21 21:00:00	1239	45
15-Jan-21 15:00:00	1239	68
19-Feb-21 22:00:00	1239	49
29-Mar-21 19:00:00	1239	69
24-Dec-21 23:00:00	1238	60
03-Mar-21 21:00:00	1238	42
10-Feb-21 22:00:00	1238	61
04-Mar-21 12:00:00	1238	42
01-Mar-21 09:00:00	1238	41
14-Dec-21 15:00:00	1238	70
14-Jan-21 16:00:00	1238	64
03-Mar-21 10:00:00	1237	35
09-Feb-21 13:00:00	1237	66
15-Mar-21 20:00:00	1237	51
16-Mar-21 14:00:00	1237	33
11-Dec-21 19:00:00	1237	65
10-Mar-21 08:00:00	1237	32
08-Dec-21 16:00:00	1237	70
21-Jan-21 06:00:00	1237	59
09-Feb-21 08:00:00	1237	65
09-Dec-21 09:00:00	1236	69
30-Jan-21 19:00:00	1236	53
02-Jan-21 19:00:00	1236	48
30-Jan-21 14:00:00	1236	61
07-Feb-21 10:00:00	1236	61
19-Jan-21 19:00:00	1236	48
16-Feb-21 06:00:00	1236	38
18-Dec-21 20:00:00	1236	65
26-Feb-21 08:00:00	1236	45
17-Mar-21 11:00:00	1235	38
17-Feb-21 08:00:00	1235	36
04-Jan-21 13:00:00	1235	68
19-Dec-21 08:00:00	1235	73
15-Jan-21 11:00:00	1235	66
08-Feb-21 19:00:00	1235	74
24-Feb-21 19:00:00	1235	35
Average (MW)	**1307**	**58**

Table C-3: Top 10% of Island Interconnected System Load Hours (2022)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
16-Feb-22 07:00:00	1614	66
16-Feb-22 08:00:00	1613	66
07-Feb-22 08:00:00	1600	86
07-Feb-22 07:00:00	1599	86
16-Feb-22 18:00:00	1583	76
16-Feb-22 17:00:00	1573	77
16-Feb-22 09:00:00	1571	66
12-Jan-22 08:00:00	1568	77
16-Feb-22 19:00:00	1568	76
28-Jan-22 08:00:00	1549	73
04-Jan-22 17:00:00	1545	75
07-Feb-22 09:00:00	1545	86
01-Mar-22 08:00:00	1541	76
16-Feb-22 10:00:00	1541	71
29-Dec-22 17:00:00	1540	60
12-Jan-22 09:00:00	1539	77
06-Feb-22 17:00:00	1539	86
01-Mar-22 07:00:00	1538	78
06-Feb-22 18:00:00	1538	86
06-Feb-22 19:00:00	1537	86
28-Jan-22 07:00:00	1531	68
06-Feb-22 20:00:00	1523	86
04-Jan-22 16:00:00	1523	66
16-Feb-22 20:00:00	1519	76
12-Jan-22 17:00:00	1519	76
29-Dec-22 18:00:00	1516	60
16-Feb-22 11:00:00	1513	78
04-Jan-22 18:00:00	1512	83
16-Feb-22 06:00:00	1511	66
12-Jan-22 07:00:00	1510	79
15-Feb-22 18:00:00	1509	76
16-Feb-22 16:00:00	1509	79
15-Feb-22 17:00:00	1508	76
01-Mar-22 09:00:00	1506	71
02-Feb-22 08:00:00	1504	82
05-Jan-22 08:00:00	1504	76
15-Feb-22 19:00:00	1504	76
04-Jan-22 19:00:00	1502	83
29-Dec-22 16:00:00	1500	62

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
14-Feb-22 17:00:00	1497	78
01-Mar-22 19:00:00	1494	73
12-Jan-22 10:00:00	1494	77
02-Mar-22 07:00:00	1493	64
07-Feb-22 06:00:00	1492	85
16-Feb-22 21:00:00	1492	73
29-Dec-22 19:00:00	1492	58
07-Feb-22 10:00:00	1492	86
01-Mar-22 18:00:00	1489	73
16-Feb-22 12:00:00	1487	78
12-Jan-22 16:00:00	1486	76
15-Feb-22 20:00:00	1486	67
06-Feb-22 16:00:00	1483	86
01-Mar-22 20:00:00	1483	73
02-Feb-22 09:00:00	1480	82
28-Jan-22 09:00:00	1480	73
06-Feb-22 21:00:00	1479	86
25-Feb-22 07:00:00	1478	74
04-Jan-22 20:00:00	1478	83
25-Feb-22 08:00:00	1477	75
17-Feb-22 08:00:00	1475	73
05-Jan-22 07:00:00	1475	63
14-Feb-22 16:00:00	1475	78
02-Feb-22 07:00:00	1472	82
17-Jan-22 08:00:00	1472	81
05-Jan-22 09:00:00	1470	74
29-Dec-22 11:00:00	1469	65
16-Jan-22 17:00:00	1469	82
12-Jan-22 11:00:00	1467	75
07-Feb-22 17:00:00	1466	86
29-Dec-22 10:00:00	1465	65
29-Dec-22 20:00:00	1463	54
14-Feb-22 18:00:00	1463	76
17-Feb-22 07:00:00	1459	67
02-Mar-22 08:00:00	1458	65
11-Jan-22 17:00:00	1457	69
01-Mar-22 10:00:00	1457	76
16-Feb-22 13:00:00	1456	75
17-Feb-22 09:00:00	1455	70
29-Dec-22 12:00:00	1455	65
07-Feb-22 11:00:00	1455	86

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
26-Feb-22 09:00:00	1453	78
01-Mar-22 21:00:00	1453	73
15-Feb-22 09:00:00	1452	71
05-Jan-22 10:00:00	1452	76
12-Jan-22 18:00:00	1450	74
07-Feb-22 18:00:00	1450	86
15-Feb-22 21:00:00	1450	64
16-Feb-22 15:00:00	1449	73
15-Feb-22 16:00:00	1448	76
16-Jan-22 16:00:00	1446	83
26-Feb-22 10:00:00	1446	78
26-Feb-22 19:00:00	1446	76
26-Feb-22 18:00:00	1445	80
14-Feb-22 08:00:00	1445	77
15-Feb-22 08:00:00	1445	71
01-Mar-22 17:00:00	1444	77
29-Dec-22 09:00:00	1444	67
01-Mar-22 06:00:00	1443	77
14-Mar-22 09:00:00	1442	77
12-Jan-22 12:00:00	1442	72
04-Jan-22 21:00:00	1441	77
25-Feb-22 09:00:00	1440	75
16-Feb-22 14:00:00	1440	71
14-Mar-22 08:00:00	1439	77
14-Feb-22 19:00:00	1439	76
09-Jan-22 09:00:00	1439	66
16-Feb-22 22:00:00	1438	70
02-Feb-22 10:00:00	1438	81
04-Jan-22 15:00:00	1438	64
07-Feb-22 19:00:00	1438	85
16-Mar-22 07:00:00	1436	75
22-Jan-22 17:00:00	1435	83
02-Mar-22 06:00:00	1435	64
16-Jan-22 18:00:00	1434	82
17-Jan-22 07:00:00	1434	82
22-Jan-22 18:00:00	1433	83
09-Jan-22 10:00:00	1433	72
15-Feb-22 10:00:00	1432	69
11-Jan-22 16:00:00	1431	69
26-Feb-22 20:00:00	1429	76
29-Dec-22 13:00:00	1429	62

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
26-Feb-22 08:00:00	1429	79
06-Feb-22 15:00:00	1427	86
26-Feb-22 11:00:00	1427	78
11-Jan-22 08:00:00	1426	77
16-Mar-22 08:00:00	1425	74
05-Jan-22 11:00:00	1425	70
22-Jan-22 08:00:00	1424	83
28-Dec-22 17:00:00	1424	78
11-Jan-22 18:00:00	1424	76
11-Jan-22 19:00:00	1423	77
14-Mar-22 10:00:00	1423	73
04-Jan-22 12:00:00	1423	64
17-Feb-22 10:00:00	1422	70
01-Mar-22 11:00:00	1422	76
12-Jan-22 19:00:00	1422	73
29-Dec-22 21:00:00	1421	52
28-Jan-22 17:00:00	1421	73
14-Feb-22 15:00:00	1420	77
16-Jan-22 13:00:00	1420	83
14-Feb-22 13:00:00	1420	78
16-Jan-22 12:00:00	1419	83
25-Feb-22 18:00:00	1418	82
14-Feb-22 12:00:00	1418	78
22-Jan-22 09:00:00	1417	83
30-Dec-22 17:00:00	1417	45
11-Jan-22 10:00:00	1417	80
29-Dec-22 15:00:00	1416	62
24-Feb-22 19:00:00	1416	84
24-Feb-22 18:00:00	1416	84
04-Jan-22 14:00:00	1416	62
19-Jan-22 17:00:00	1416	80
28-Jan-22 06:00:00	1415	68
14-Feb-22 20:00:00	1415	76
22-Jan-22 19:00:00	1415	82
04-Jan-22 11:00:00	1414	60
25-Feb-22 17:00:00	1414	82
16-Jan-22 19:00:00	1413	83
05-Mar-22 18:00:00	1413	68
27-Jan-22 17:00:00	1413	75
21-Jan-22 17:00:00	1413	80
07-Feb-22 12:00:00	1413	85

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
04-Jan-22 13:00:00	1413	61
17-Jan-22 09:00:00	1413	80
11-Jan-22 09:00:00	1412	78
24-Nov-22 17:00:00	1412	19
06-Feb-22 22:00:00	1411	81
12-Jan-22 06:00:00	1411	78
09-Jan-22 17:00:00	1411	63
29-Dec-22 14:00:00	1411	62
07-Feb-22 20:00:00	1410	83
15-Feb-22 11:00:00	1410	69
16-Jan-22 15:00:00	1409	83
24-Feb-22 17:00:00	1408	84
12-Jan-22 15:00:00	1408	76
14-Mar-22 07:00:00	1407	75
25-Feb-22 10:00:00	1407	73
16-Jan-22 14:00:00	1407	83
05-Mar-22 19:00:00	1407	68
11-Jan-22 11:00:00	1406	76
24-Nov-22 16:00:00	1406	14
29-Dec-22 08:00:00	1405	70
14-Mar-22 11:00:00	1405	72
12-Jan-22 13:00:00	1405	72
01-Feb-22 17:00:00	1405	86
11-Jan-22 20:00:00	1404	77
05-Jan-22 17:00:00	1404	65
16-Feb-22 05:00:00	1404	64
09-Jan-22 11:00:00	1404	72
06-Feb-22 14:00:00	1403	86
15-Feb-22 07:00:00	1403	75
14-Feb-22 14:00:00	1403	77
14-Feb-22 07:00:00	1403	75
28-Jan-22 16:00:00	1402	74
06-Feb-22 11:00:00	1401	86
06-Feb-22 10:00:00	1401	84
01-Feb-22 19:00:00	1401	86
25-Feb-22 19:00:00	1400	82
01-Mar-22 22:00:00	1400	73
27-Feb-22 18:00:00	1400	71
27-Jan-22 18:00:00	1400	74
28-Jan-22 10:00:00	1399	73
01-Feb-22 18:00:00	1399	86

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
07-Feb-22 16:00:00	1399	86
17-Feb-22 11:00:00	1398	69
16-Jan-22 11:00:00	1398	83
27-Feb-22 19:00:00	1398	71
15-Feb-22 12:00:00	1398	68
02-Mar-22 09:00:00	1398	68
12-Jan-22 20:00:00	1397	73
30-Dec-22 08:00:00	1397	42
07-Feb-22 05:00:00	1397	83
30-Dec-22 09:00:00	1397	40
06-Feb-22 13:00:00	1396	86
23-Feb-22 08:00:00	1396	77
04-Jan-22 10:00:00	1396	58
26-Feb-22 21:00:00	1396	76
14-Mar-22 20:00:00	1396	81
28-Dec-22 18:00:00	1395	77
06-Feb-22 12:00:00	1394	86
04-Mar-22 19:00:00	1394	66
24-Feb-22 20:00:00	1393	84
22-Jan-22 20:00:00	1392	81
21-Feb-22 08:00:00	1392	82
15-Feb-22 15:00:00	1392	74
19-Jan-22 18:00:00	1392	82
26-Feb-22 17:00:00	1391	80
14-Feb-22 11:00:00	1391	78
05-Jan-22 06:00:00	1391	64
01-Mar-22 12:00:00	1390	73
22-Jan-22 10:00:00	1390	83
04-Jan-22 22:00:00	1390	75
14-Feb-22 09:00:00	1389	77
27-Jan-22 19:00:00	1389	68
28-Dec-22 16:00:00	1388	77
21-Jan-22 16:00:00	1388	81
16-Jan-22 20:00:00	1388	83
05-Mar-22 20:00:00	1388	68
27-Feb-22 08:00:00	1388	77
26-Feb-22 12:00:00	1387	78
04-Mar-22 18:00:00	1386	66
22-Jan-22 07:00:00	1384	84
01-Feb-22 20:00:00	1384	86
09-Mar-22 07:00:00	1384	63

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Jan-22 16:00:00	1384	57
15-Feb-22 22:00:00	1384	64
30-Dec-22 16:00:00	1384	45
25-Feb-22 06:00:00	1383	75
09-Jan-22 08:00:00	1383	58
21-Feb-22 09:00:00	1383	83
26-Feb-22 07:00:00	1383	79
06-Feb-22 09:00:00	1383	83
08-Jan-22 17:00:00	1383	58
17-Mar-22 08:00:00	1383	75
30-Dec-22 18:00:00	1383	45
19-Jan-22 19:00:00	1383	82
09-Jan-22 16:00:00	1382	62
28-Jan-22 18:00:00	1381	73
23-Jan-22 17:00:00	1381	82
04-Mar-22 20:00:00	1380	66
04-Jan-22 09:00:00	1380	56
27-Feb-22 17:00:00	1380	72
16-Jan-22 10:00:00	1380	83
12-Jan-22 14:00:00	1380	76
24-Nov-22 18:00:00	1379	27
17-Feb-22 12:00:00	1379	68
21-Jan-22 18:00:00	1378	80
01-Mar-22 16:00:00	1378	78
23-Feb-22 09:00:00	1378	76
14-Mar-22 12:00:00	1378	73
15-Mar-22 08:00:00	1377	77
14-Mar-22 19:00:00	1376	81
25-Feb-22 11:00:00	1376	76
23-Jan-22 09:00:00	1376	83
11-Jan-22 12:00:00	1376	73
14-Feb-22 10:00:00	1376	77
30-Dec-22 07:00:00	1376	45
27-Jan-22 20:00:00	1375	68
17-Mar-22 07:00:00	1375	75
17-Feb-22 06:00:00	1375	63
28-Dec-22 19:00:00	1375	77
28-Feb-22 08:00:00	1374	81
19-Jan-22 16:00:00	1374	77
30-Dec-22 10:00:00	1374	40
13-Jan-22 08:00:00	1374	70

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
25-Feb-22 20:00:00	1373	82
11-Jan-22 21:00:00	1373	76
27-Feb-22 09:00:00	1373	77
23-Feb-22 10:00:00	1373	76
15-Mar-22 07:00:00	1372	77
27-Feb-22 07:00:00	1372	76
02-Feb-22 11:00:00	1372	79
19-Jan-22 20:00:00	1372	82
23-Jan-22 11:00:00	1372	82
24-Feb-22 16:00:00	1372	81
02-Feb-22 06:00:00	1371	82
14-Mar-22 21:00:00	1371	80
13-Jan-22 09:00:00	1371	58
09-Jan-22 18:00:00	1371	59
15-Feb-22 14:00:00	1370	68
30-Nov-22 08:00:00	1370	55
07-Feb-22 13:00:00	1370	86
27-Feb-22 20:00:00	1370	71
10-Mar-22 08:00:00	1369	58
16-Feb-22 23:00:00	1369	65
09-Mar-22 08:00:00	1368	62
11-Jan-22 15:00:00	1368	69
14-Feb-22 21:00:00	1368	77
05-Mar-22 17:00:00	1368	68
15-Feb-22 13:00:00	1367	69
21-Feb-22 07:00:00	1367	82
04-Mar-22 08:00:00	1367	69
24-Nov-22 19:00:00	1367	32
27-Feb-22 11:00:00	1366	76
21-Feb-22 10:00:00	1365	84
11-Jan-22 07:00:00	1364	73
21-Jan-22 19:00:00	1364	80
14-Mar-22 17:00:00	1364	81
27-Feb-22 10:00:00	1364	77
12-Jan-22 21:00:00	1364	71
23-Jan-22 12:00:00	1364	82
23-Feb-22 07:00:00	1362	77
25-Feb-22 16:00:00	1362	81
16-Mar-22 09:00:00	1362	73
07-Feb-22 21:00:00	1362	83
02-Mar-22 10:00:00	1361	69

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
08-Jan-22 18:00:00	1361	57
05-Jan-22 12:00:00	1361	69
17-Jan-22 10:00:00	1360	79
22-Jan-22 11:00:00	1359	83
09-Jan-22 12:00:00	1359	71
20-Jan-22 08:00:00	1359	81
24-Feb-22 21:00:00	1359	84
30-Dec-22 19:00:00	1359	45
05-Mar-22 21:00:00	1358	67
30-Nov-22 17:00:00	1358	34
29-Dec-22 07:00:00	1358	75
03-Jan-22 17:00:00	1358	73
30-Nov-22 18:00:00	1358	34
28-Feb-22 07:00:00	1358	76
20-Jan-22 09:00:00	1358	81
28-Dec-22 20:00:00	1357	77
23-Dec-22 17:00:00	1357	83
29-Dec-22 22:00:00	1357	45
27-Jan-22 16:00:00	1357	78
10-Mar-22 07:00:00	1356	58
23-Feb-22 11:00:00	1356	73
02-Mar-22 05:00:00	1356	64
04-Mar-22 21:00:00	1356	66
08-Feb-22 08:00:00	1356	82
28-Jan-22 15:00:00	1356	74
23-Jan-22 10:00:00	1356	82
16-Feb-22 04:00:00	1356	65
30-Nov-22 19:00:00	1355	36
23-Jan-22 18:00:00	1355	82
23-Jan-22 16:00:00	1355	82
22-Jan-22 21:00:00	1354	81
07-Feb-22 14:00:00	1354	86
04-Feb-22 17:00:00	1354	86
26-Feb-22 22:00:00	1354	76
17-Mar-22 09:00:00	1353	75
08-Jan-22 19:00:00	1353	56
01-Feb-22 09:00:00	1352	86
27-Feb-22 16:00:00	1352	73
11-Jan-22 13:00:00	1352	70
13-Mar-22 20:00:00	1352	72
28-Jan-22 11:00:00	1352	74

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
08-Feb-22 07:00:00	1352	82
05-Jan-22 18:00:00	1351	63
04-Mar-22 17:00:00	1351	66
27-Jan-22 08:00:00	1351	84
22-Jan-22 16:00:00	1351	83
04-Jan-22 08:00:00	1350	54
27-Feb-22 12:00:00	1350	77
13-Jan-22 10:00:00	1350	61
14-Mar-22 18:00:00	1350	81
07-Feb-22 04:00:00	1350	84
24-Jan-22 17:00:00	1349	72
30-Dec-22 11:00:00	1349	42
24-Nov-22 08:00:00	1349	19
01-Mar-22 05:00:00	1349	73
01-Mar-22 13:00:00	1349	64
01-Feb-22 21:00:00	1349	86
30-Nov-22 07:00:00	1348	56
02-Feb-22 18:00:00	1348	84
30-Dec-22 20:00:00	1348	40
06-Feb-22 23:00:00	1348	81
17-Jan-22 06:00:00	1348	82
28-Jan-22 13:00:00	1347	78
02-Feb-22 19:00:00	1347	84
24-Nov-22 15:00:00	1347	15
16-Jan-22 21:00:00	1347	83
24-Nov-22 20:00:00	1347	27
07-Feb-22 15:00:00	1347	86
12-Dec-22 17:00:00	1346	19
24-Nov-22 09:00:00	1346	17
20-Feb-22 19:00:00	1346	82
20-Jan-22 10:00:00	1346	80
28-Jan-22 19:00:00	1346	73
27-Jan-22 21:00:00	1345	68
14-Mar-22 16:00:00	1345	81
20-Feb-22 18:00:00	1345	82
02-Feb-22 17:00:00	1345	84
21-Feb-22 11:00:00	1345	84
23-Dec-22 09:00:00	1345	82
13-Jan-22 17:00:00	1344	68
01-Feb-22 08:00:00	1344	86
21-Jan-22 20:00:00	1344	80

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
11-Dec-22 17:00:00	1344	32
09-Jan-22 19:00:00	1343	56
25-Feb-22 12:00:00	1343	76
28-Jan-22 14:00:00	1343	75
24-Dec-22 16:00:00	1342	78
30-Nov-22 20:00:00	1342	36
07-Mar-22 17:00:00	1342	53
16-Jan-22 09:00:00	1342	81
08-Feb-22 17:00:00	1341	80
01-Mar-22 23:00:00	1341	71
07-Mar-22 08:00:00	1341	64
06-Mar-22 19:00:00	1341	68
13-Mar-22 21:00:00	1341	72
28-Jan-22 12:00:00	1340	78
13-Jan-22 11:00:00	1340	57
24-Jan-22 09:00:00	1339	79
03-Feb-22 08:00:00	1339	82
06-Mar-22 18:00:00	1339	68
30-Nov-22 09:00:00	1339	50
14-Mar-22 13:00:00	1338	74
13-Jan-22 16:00:00	1338	70
19-Jan-22 21:00:00	1338	82
12-Dec-22 16:00:00	1337	24
24-Dec-22 14:00:00	1337	75
04-Feb-22 16:00:00	1337	88
21-Jan-22 15:00:00	1336	81
22-Dec-22 17:00:00	1336	81
22-Feb-22 20:00:00	1336	80
24-Dec-22 11:00:00	1336	75
24-Jan-22 08:00:00	1336	79
06-Mar-22 08:00:00	1336	58
22-Feb-22 19:00:00	1336	80
08-Jan-22 20:00:00	1335	56
07-Mar-22 09:00:00	1335	64
23-Jan-22 19:00:00	1335	82
07-Mar-22 18:00:00	1335	54
23-Dec-22 10:00:00	1335	82
23-Dec-22 18:00:00	1334	82
25-Feb-22 21:00:00	1334	82
27-Feb-22 06:00:00	1334	73
05-Mar-22 16:00:00	1333	68

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
24-Nov-22 07:00:00	1333	19
16-Feb-22 03:00:00	1333	70
24-Dec-22 15:00:00	1333	75
26-Feb-22 13:00:00	1333	78
11-Jan-22 14:00:00	1332	69
16-Mar-22 06:00:00	1332	78
17-Feb-22 13:00:00	1332	68
24-Dec-22 13:00:00	1332	75
04-Mar-22 07:00:00	1332	69
17-Jan-22 17:00:00	1332	80
13-Jan-22 07:00:00	1332	72
24-Dec-22 12:00:00	1332	75
06-Mar-22 09:00:00	1332	61
02-Feb-22 20:00:00	1331	84
21-Feb-22 12:00:00	1331	84
23-Jan-22 13:00:00	1330	82
11-Dec-22 16:00:00	1330	34
29-Jan-22 17:00:00	1330	76
15-Feb-22 23:00:00	1330	66
15-Feb-22 06:00:00	1330	71
06-Mar-22 20:00:00	1330	68
23-Dec-22 08:00:00	1330	82
22-Feb-22 18:00:00	1329	82
30-Dec-22 12:00:00	1329	42
03-Jan-22 18:00:00	1329	73
06-Feb-22 08:00:00	1329	85
07-Mar-22 07:00:00	1329	63
01-Feb-22 10:00:00	1329	86
13-Jan-22 12:00:00	1328	53
08-Jan-22 16:00:00	1328	58
12-Dec-22 09:00:00	1328	37
04-Feb-22 18:00:00	1328	99
22-Jan-22 06:00:00	1328	84
20-Feb-22 20:00:00	1328	82
20-Jan-22 11:00:00	1327	76
07-Feb-22 03:00:00	1327	84
12-Jan-22 05:00:00	1327	68
24-Jan-22 16:00:00	1327	73
09-Jan-22 07:00:00	1327	56
04-Mar-22 09:00:00	1327	70
01-Mar-22 15:00:00	1327	78

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
13-Mar-22 19:00:00	1326	72
22-Feb-22 07:00:00	1326	84
24-Nov-22 12:00:00	1326	15
23-Dec-22 19:00:00	1326	79
12-Dec-22 08:00:00	1326	40
26-Feb-22 06:00:00	1325	79
17-Feb-22 00:00:00	1325	65
23-Dec-22 16:00:00	1324	83
24-Nov-22 14:00:00	1324	15
24-Jan-22 11:00:00	1324	80
07-Mar-22 16:00:00	1324	53
27-Feb-22 21:00:00	1324	71
21-Nov-22 17:00:00	1323	35
24-Nov-22 11:00:00	1323	15
01-Mar-22 14:00:00	1323	77
09-Mar-22 09:00:00	1322	59
08-Feb-22 09:00:00	1322	81
20-Feb-22 17:00:00	1322	82
22-Jan-22 12:00:00	1322	84
23-Jan-22 15:00:00	1322	83
05-Jan-22 05:00:00	1322	65
24-Jan-22 10:00:00	1322	79
07-Mar-22 10:00:00	1321	63
28-Jan-22 05:00:00	1321	68
07-Mar-22 19:00:00	1321	55
17-Feb-22 17:00:00	1321	78
30-Dec-22 06:00:00	1321	43
27-Feb-22 13:00:00	1321	77
24-Dec-22 17:00:00	1320	82
23-Jan-22 08:00:00	1320	83
02-Mar-22 04:00:00	1320	64
26-Feb-22 16:00:00	1320	81
24-Nov-22 13:00:00	1319	15
20-Mar-22 19:00:00	1319	68
03-Feb-22 09:00:00	1318	84
10-Mar-22 09:00:00	1318	61
08-Feb-22 18:00:00	1318	79
02-Mar-22 16:00:00	1318	70
27-Jan-22 09:00:00	1317	82
12-Dec-22 10:00:00	1317	29
09-Jan-22 13:00:00	1317	71

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Jan-22 14:00:00	1317	81
21-Jan-22 12:00:00	1317	80
16-Feb-22 02:00:00	1317	75
01-Feb-22 16:00:00	1317	86
22-Dec-22 18:00:00	1317	81
28-Feb-22 09:00:00	1317	81
05-Jan-22 19:00:00	1316	61
05-Mar-22 07:00:00	1316	52
20-Mar-22 17:00:00	1316	70
04-Mar-22 22:00:00	1316	65
08-Mar-22 20:00:00	1316	57
21-Jan-22 13:00:00	1315	81
14-Mar-22 15:00:00	1315	81
03-Feb-22 07:00:00	1315	83
21-Feb-22 16:00:00	1315	84
14-Mar-22 14:00:00	1315	76
22-Feb-22 08:00:00	1314	82
17-Feb-22 16:00:00	1314	76
16-Mar-22 10:00:00	1314	72
24-Jan-22 12:00:00	1314	79
28-Dec-22 21:00:00	1314	77
21-Feb-22 17:00:00	1314	84
04-Jan-22 23:00:00	1314	71
07-Feb-22 00:00:00	1314	83
25-Mar-22 07:00:00	1314	64
02-Mar-22 17:00:00	1314	76
21-Mar-22 10:00:00	1313	64
30-Nov-22 21:00:00	1313	37
11-Jan-22 22:00:00	1313	76
05-Jan-22 15:00:00	1313	52
05-Mar-22 22:00:00	1313	65
06-Mar-22 07:00:00	1313	61
26-Feb-22 23:00:00	1313	76
17-Jan-22 11:00:00	1312	80
05-Mar-22 11:00:00	1312	54
21-Nov-22 16:00:00	1312	36
23-Jan-22 14:00:00	1312	83
27-Feb-22 15:00:00	1312	73
08-Mar-22 18:00:00	1312	60
20-Feb-22 10:00:00	1312	82
07-Feb-22 02:00:00	1312	84

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Dec-22 17:00:00	1312	87
23-Jan-22 20:00:00	1312	83
09-Mar-22 06:00:00	1311	62
12-Dec-22 18:00:00	1311	19
04-Mar-22 16:00:00	1311	68
24-Jan-22 18:00:00	1311	72
27-Feb-22 14:00:00	1311	75
06-Mar-22 17:00:00	1311	68
17-Mar-22 10:00:00	1310	76
20-Mar-22 20:00:00	1310	67
24-Dec-22 10:00:00	1310	75
09-Jan-22 20:00:00	1310	57
07-Mar-22 11:00:00	1310	65
14-Mar-22 22:00:00	1310	79
16-Jan-22 08:00:00	1310	77
03-Feb-22 17:00:00	1310	83
17-Feb-22 01:00:00	1310	65
21-Mar-22 09:00:00	1309	68
20-Feb-22 11:00:00	1309	82
03-Jan-22 16:00:00	1309	66
24-Nov-22 21:00:00	1308	25
22-Dec-22 19:00:00	1308	81
05-Mar-22 08:00:00	1308	52
02-Mar-22 03:00:00	1307	65
14-Mar-22 06:00:00	1307	71
21-Jan-22 21:00:00	1307	80
19-Jan-22 15:00:00	1307	76
30-Nov-22 10:00:00	1307	49
20-Jan-22 07:00:00	1307	79
05-Jan-22 04:00:00	1307	65
05-Jan-22 13:00:00	1307	63
24-Feb-22 15:00:00	1306	77
21-Mar-22 11:00:00	1306	59
05-Mar-22 10:00:00	1306	51
29-Jan-22 18:00:00	1305	74
22-Jan-22 22:00:00	1305	80
30-Dec-22 21:00:00	1305	38
27-Jan-22 07:00:00	1305	80
07-Feb-22 01:00:00	1304	84
09-Jan-22 15:00:00	1304	67
17-Feb-22 14:00:00	1304	71

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Mar-22 19:00:00	1304	65
25-Feb-22 13:00:00	1304	76
01-Feb-22 07:00:00	1304	86
27-Feb-22 05:00:00	1304	74
19-Feb-22 19:00:00	1303	82
20-Mar-22 16:00:00	1303	69
06-Mar-22 10:00:00	1303	62
08-Mar-22 19:00:00	1303	58
12-Dec-22 11:00:00	1303	27
02-Mar-22 00:00:00	1303	70
22-Dec-22 20:00:00	1303	81
21-Mar-22 08:00:00	1303	71
21-Feb-22 18:00:00	1303	84
08-Feb-22 16:00:00	1303	80
20-Feb-22 09:00:00	1303	82
20-Mar-22 18:00:00	1303	70
08-Mar-22 09:00:00	1302	60
11-Dec-22 18:00:00	1302	24
08-Jan-22 21:00:00	1302	57
02-Mar-22 02:00:00	1302	66
17-Jan-22 18:00:00	1302	81
22-Feb-22 17:00:00	1302	83
05-Mar-22 09:00:00	1302	52
08-Mar-22 10:00:00	1301	54
30-Dec-22 15:00:00	1301	45
13-Jan-22 15:00:00	1301	65
23-Feb-22 12:00:00	1301	67
20-Jan-22 12:00:00	1301	75
12-Jan-22 22:00:00	1300	69
22-Feb-22 21:00:00	1300	80
14-Feb-22 22:00:00	1300	77
08-Feb-22 19:00:00	1300	79
13-Jan-22 13:00:00	1299	56
08-Mar-22 17:00:00	1299	57
19-Feb-22 18:00:00	1299	82
21-Mar-22 12:00:00	1299	62
17-Dec-22 17:00:00	1299	73
05-Jan-22 02:00:00	1299	62
24-Jan-22 13:00:00	1299	79
02-Mar-22 18:00:00	1298	76
24-Jan-22 14:00:00	1298	76

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
02-Feb-22 21:00:00	1298	83
05-Mar-22 12:00:00	1298	60
22-Dec-22 16:00:00	1298	81
25-Feb-22 15:00:00	1298	80
16-Feb-22 01:00:00	1298	76
17-Feb-22 02:00:00	1298	64
30-Nov-22 16:00:00	1298	35
25-Mar-22 08:00:00	1298	67
24-Feb-22 22:00:00	1298	84
17-Feb-22 05:00:00	1297	63
05-Jan-22 14:00:00	1297	54
04-Feb-22 15:00:00	1297	88
05-Jan-22 03:00:00	1297	64
21-Feb-22 13:00:00	1297	84
14-Feb-22 06:00:00	1296	76
05-Jan-22 01:00:00	1296	63
02-Mar-22 11:00:00	1296	69
07-Mar-22 20:00:00	1296	58
02-Feb-22 12:00:00	1296	79
18-Jan-22 16:00:00	1296	64
28-Jan-22 20:00:00	1295	74
16-Feb-22 00:00:00	1295	75
30-Dec-22 13:00:00	1295	43
01-Feb-22 11:00:00	1295	86
01-Feb-22 22:00:00	1295	86
24-Jan-22 07:00:00	1295	79
02-Mar-22 01:00:00	1295	69
13-Mar-22 22:00:00	1294	72
15-Mar-22 09:00:00	1294	76
21-Jan-22 11:00:00	1294	79
13-Jan-22 18:00:00	1294	69
19-Dec-22 17:00:00	1294	83
03-Jan-22 19:00:00	1294	73
17-Feb-22 15:00:00	1293	74
09-Jan-22 14:00:00	1293	70
11-Dec-22 19:00:00	1293	23
07-Feb-22 22:00:00	1292	82
29-Dec-22 06:00:00	1292	74
07-Jan-22 09:00:00	1292	61
08-Mar-22 11:00:00	1292	54
10-Mar-22 18:00:00	1292	65

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
01-Dec-22 08:00:00	1292	60
21-Nov-22 18:00:00	1291	29
07-Mar-22 12:00:00	1291	64
28-Dec-22 15:00:00	1291	74
23-Dec-22 11:00:00	1290	82
11-Mar-22 07:00:00	1290	43
24-Nov-22 10:00:00	1289	15
21-Jan-22 10:00:00	1289	79
02-Mar-22 19:00:00	1289	76
24-Jan-22 19:00:00	1289	71
05-Mar-22 15:00:00	1289	68
17-Jan-22 19:00:00	1289	79
18-Jan-22 17:00:00	1288	69
27-Dec-22 17:00:00	1288	82
29-Jan-22 16:00:00	1288	77
23-Dec-22 20:00:00	1287	79
26-Feb-22 14:00:00	1287	80
16-Mar-22 20:00:00	1287	76
27-Dec-22 16:00:00	1287	81
06-Mar-22 21:00:00	1287	67
27-Feb-22 04:00:00	1287	76
12-Dec-22 19:00:00	1287	19
05-Mar-22 13:00:00	1287	68
17-Feb-22 03:00:00	1286	66
16-Jan-22 22:00:00	1286	82
27-Jan-22 22:00:00	1286	69
12-Dec-22 07:00:00	1286	32
31-Jan-22 17:00:00	1286	86
21-Dec-22 16:00:00	1286	87
27-Dec-22 11:00:00	1286	82
20-Feb-22 21:00:00	1286	82
08-Mar-22 08:00:00	1286	60
05-Jan-22 00:00:00	1285	65
28-Feb-22 20:00:00	1285	77
17-Feb-22 18:00:00	1285	76
03-Feb-22 18:00:00	1285	83
09-Mar-22 10:00:00	1285	58
01-Mar-22 04:00:00	1284	68
07-Jan-22 17:00:00	1284	66
19-Dec-22 16:00:00	1283	83
21-Feb-22 15:00:00	1283	84

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
03-Jan-22 21:00:00	1283	67
08-Feb-22 10:00:00	1283	81
27-Jan-22 15:00:00	1283	74
12-Jan-22 04:00:00	1282	64
07-Mar-22 15:00:00	1282	53
27-Feb-22 03:00:00	1282	76
03-Feb-22 10:00:00	1282	85
10-Mar-22 10:00:00	1282	63
24-Jan-22 15:00:00	1282	73
02-Feb-22 05:00:00	1282	82
29-Jan-22 19:00:00	1282	73
04-Jan-22 07:00:00	1282	55
19-Jan-22 22:00:00	1282	82
27-Dec-22 12:00:00	1281	80
15-Mar-22 20:00:00	1281	76
09-Jan-22 06:00:00	1281	56
25-Feb-22 05:00:00	1281	75
21-Feb-22 19:00:00	1281	84
19-Feb-22 20:00:00	1281	82
27-Dec-22 10:00:00	1280	82
04-Mar-22 10:00:00	1280	69
25-Nov-22 08:00:00	1280	25
29-Dec-22 23:00:00	1280	40
21-Mar-22 13:00:00	1280	62
20-Feb-22 16:00:00	1280	81
08-Mar-22 21:00:00	1279	56
21-Feb-22 14:00:00	1279	84
30-Dec-22 14:00:00	1279	43
12-Dec-22 12:00:00	1279	29
13-Jan-22 14:00:00	1279	61
16-Nov-22 18:00:00	1278	20
26-Dec-22 17:00:00	1278	84
04-Feb-22 19:00:00	1278	87
04-Feb-22 14:00:00	1278	86
25-Feb-22 14:00:00	1278	78
17-Jan-22 16:00:00	1277	80
21-Jan-22 09:00:00	1277	79
20-Dec-22 17:00:00	1277	84
22-Jan-22 13:00:00	1277	84
03-Jan-22 20:00:00	1277	70
29-Nov-22 17:00:00	1277	63

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Mar-22 06:00:00	1277	52
01-Dec-22 07:00:00	1277	61
18-Jan-22 08:00:00	1277	63
26-Feb-22 15:00:00	1277	80
09-Mar-22 20:00:00	1277	65
04-Feb-22 12:00:00	1277	85
11-Dec-22 15:00:00	1277	37
04-Feb-22 13:00:00	1277	85
18-Jan-22 09:00:00	1277	62
15-Dec-22 17:00:00	1277	55
28-Jan-22 04:00:00	1276	67
07-Jan-22 10:00:00	1276	60
27-Feb-22 02:00:00	1276	76
10-Mar-22 20:00:00	1276	65
03-Feb-22 16:00:00	1275	84
10-Mar-22 17:00:00	1275	65
28-Feb-22 21:00:00	1275	76
29-Nov-22 18:00:00	1275	65
27-Feb-22 00:00:00	1275	76
12-Dec-22 20:00:00	1275	19
23-Mar-22 08:00:00	1275	57
26-Mar-22 11:00:00	1275	69
16-Mar-22 21:00:00	1275	76
27-Jan-22 10:00:00	1275	73
23-Jan-22 21:00:00	1274	82
15-Mar-22 06:00:00	1274	77
10-Mar-22 11:00:00	1274	63
13-Dec-22 17:00:00	1274	24
21-Dec-22 18:00:00	1274	87
17-Feb-22 04:00:00	1273	64
06-Mar-22 11:00:00	1273	62
12-Dec-22 15:00:00	1273	27
06-Mar-22 06:00:00	1273	64
10-Jan-22 17:00:00	1273	76
21-Dec-22 08:00:00	1273	71
11-Dec-22 20:00:00	1273	23
28-Feb-22 19:00:00	1273	78
05-Jan-22 20:00:00	1273	60
07-Jan-22 08:00:00	1273	64
17-Jan-22 12:00:00	1273	79
16-Mar-22 11:00:00	1272	73

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
11-Dec-22 11:00:00	1272	47
19-Jan-22 11:00:00	1272	68
21-Nov-22 19:00:00	1272	26
04-Mar-22 23:00:00	1272	66
17-Dec-22 18:00:00	1272	71
18-Jan-22 11:00:00	1272	64
07-Mar-22 13:00:00	1272	64
22-Dec-22 21:00:00	1271	82
17-Mar-22 06:00:00	1271	66
21-Feb-22 06:00:00	1271	82
24-Mar-22 08:00:00	1271	62
08-Feb-22 20:00:00	1271	79
26-Feb-22 05:00:00	1271	81
01-Jan-22 17:00:00	1271	57
17-Dec-22 16:00:00	1270	74
29-Nov-22 19:00:00	1270	60
24-Jan-22 20:00:00	1270	71
28-Feb-22 18:00:00	1270	77
02-Mar-22 20:00:00	1269	76
24-Mar-22 20:00:00	1269	65
11-Dec-22 10:00:00	1269	47
20-Feb-22 12:00:00	1269	82
02-Feb-22 16:00:00	1269	84
02-Mar-22 15:00:00	1269	67
24-Feb-22 14:00:00	1269	64
09-Mar-22 19:00:00	1269	66
24-Feb-22 12:00:00	1269	57
23-Dec-22 07:00:00	1269	82
22-Nov-22 08:00:00	1269	50
03-Mar-22 08:00:00	1269	65
22-Jan-22 05:00:00	1269	84
07-Jan-22 16:00:00	1268	66
20-Mar-22 21:00:00	1268	67
18-Jan-22 12:00:00	1268	63
28-Dec-22 12:00:00	1268	75
01-Dec-22 09:00:00	1268	54
17-Jan-22 20:00:00	1267	75
01-Feb-22 12:00:00	1267	86
21-Dec-22 09:00:00	1267	78
11-Dec-22 12:00:00	1266	45
25-Feb-22 22:00:00	1266	82

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
08-Mar-22 16:00:00	1266	56
08-Feb-22 06:00:00	1266	82
27-Feb-22 01:00:00	1266	76
31-Jan-22 16:00:00	1265	86
20-Jan-22 17:00:00	1265	82
02-Mar-22 12:00:00	1265	69
03-Feb-22 11:00:00	1265	83
22-Nov-22 17:00:00	1265	50
26-Mar-22 10:00:00	1265	68
09-Jan-22 21:00:00	1265	56
15-Mar-22 19:00:00	1264	76
16-Nov-22 17:00:00	1264	21
05-Mar-22 14:00:00	1264	69
25-Nov-22 07:00:00	1263	13
24-Dec-22 09:00:00	1263	74
13-Dec-22 16:00:00	1263	28
26-Mar-22 12:00:00	1263	68
Average (MW)	**1352**	**70**

Table C-4: Top 10% of Island Interconnected System Load Hours (2023)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
27-Feb-23 07:00:00	1770	77
24-Feb-23 08:00:00	1761	64
24-Feb-23 09:00:00	1744	63
28-Feb-23 07:00:00	1733	77
27-Feb-23 08:00:00	1732	78
24-Feb-23 07:00:00	1726	64
04-Feb-23 12:00:00	1714	68
04-Feb-23 11:00:00	1710	69
04-Feb-23 17:00:00	1702	77
04-Feb-23 16:00:00	1702	77
24-Feb-23 10:00:00	1697	66
28-Feb-23 08:00:00	1691	73
26-Feb-23 08:00:00	1690	76
04-Feb-23 13:00:00	1690	68
04-Feb-23 15:00:00	1688	77
26-Feb-23 19:00:00	1686	58
26-Feb-23 09:00:00	1686	74
04-Feb-23 10:00:00	1683	73

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
04-Feb-23 14:00:00	1682	68
26-Feb-23 20:00:00	1679	61
25-Feb-23 18:00:00	1677	73
26-Feb-23 18:00:00	1676	57
01-Mar-23 08:00:00	1676	66
01-Mar-23 07:00:00	1675	69
25-Feb-23 09:00:00	1674	66
25-Feb-23 19:00:00	1667	73
27-Feb-23 06:00:00	1663	75
04-Feb-23 18:00:00	1663	75
25-Feb-23 08:00:00	1660	66
26-Feb-23 07:00:00	1658	77
27-Feb-23 09:00:00	1658	78
04-Feb-23 19:00:00	1656	71
25-Feb-23 17:00:00	1650	72
25-Feb-23 20:00:00	1650	72
26-Feb-23 10:00:00	1649	73
25-Feb-23 10:00:00	1649	66
28-Feb-23 06:00:00	1647	77
26-Feb-23 21:00:00	1645	64
04-Feb-23 09:00:00	1643	73
04-Feb-23 20:00:00	1632	65
24-Feb-23 18:00:00	1631	71
26-Feb-23 17:00:00	1631	57
24-Feb-23 11:00:00	1631	73
24-Feb-23 19:00:00	1624	71
25-Feb-23 11:00:00	1624	66
25-Feb-23 21:00:00	1621	71
24-Feb-23 20:00:00	1617	65
24-Feb-23 06:00:00	1614	64
01-Mar-23 09:00:00	1614	69
25-Feb-23 07:00:00	1611	68
13-Jan-23 08:00:00	1611	63
26-Feb-23 06:00:00	1608	78
26-Feb-23 11:00:00	1606	72
28-Feb-23 09:00:00	1604	73
25-Feb-23 16:00:00	1602	70
27-Feb-23 19:00:00	1601	70
02-Mar-23 07:00:00	1601	66
13-Jan-23 07:00:00	1598	64
27-Feb-23 20:00:00	1597	70

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
25-Feb-23 12:00:00	1597	67
27-Feb-23 10:00:00	1597	77
24-Feb-23 21:00:00	1596	65
27-Feb-23 18:00:00	1589	71
28-Feb-23 18:00:00	1588	67
28-Feb-23 19:00:00	1587	62
04-Feb-23 21:00:00	1586	62
02-Mar-23 08:00:00	1584	64
26-Feb-23 22:00:00	1583	64
10-Feb-23 08:00:00	1582	64
24-Feb-23 12:00:00	1579	71
04-Feb-23 08:00:00	1577	74
28-Feb-23 20:00:00	1577	61
25-Feb-23 22:00:00	1575	71
26-Feb-23 16:00:00	1574	57
13-Jan-23 09:00:00	1573	66
27-Feb-23 21:00:00	1571	61
27-Feb-23 17:00:00	1571	72
01-Mar-23 06:00:00	1568	67
24-Feb-23 17:00:00	1564	73
26-Feb-23 05:00:00	1564	77
26-Feb-23 12:00:00	1560	64
02-Feb-23 07:00:00	1558	80
28-Feb-23 17:00:00	1558	62
27-Feb-23 05:00:00	1557	58
25-Feb-23 06:00:00	1557	64
10-Feb-23 07:00:00	1556	61
27-Feb-23 11:00:00	1556	71
25-Feb-23 15:00:00	1554	72
25-Feb-23 13:00:00	1554	72
24-Feb-23 22:00:00	1551	65
28-Feb-23 21:00:00	1550	61
01-Mar-23 10:00:00	1549	68
28-Feb-23 05:00:00	1547	72
13-Jan-23 10:00:00	1546	65
02-Feb-23 08:00:00	1545	80
25-Feb-23 14:00:00	1545	71
10-Feb-23 09:00:00	1540	58
26-Feb-23 04:00:00	1537	77
25-Feb-23 23:00:00	1535	74
23-Feb-23 21:00:00	1532	73

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
28-Feb-23 10:00:00	1530	71
23-Feb-23 20:00:00	1530	70
26-Feb-23 13:00:00	1528	57
03-Mar-23 07:00:00	1527	64
26-Feb-23 23:00:00	1527	64
23-Feb-23 19:00:00	1526	72
26-Feb-23 15:00:00	1523	57
02-Feb-23 06:00:00	1523	79
12-Jan-23 17:00:00	1523	60
24-Feb-23 13:00:00	1523	69
01-Mar-23 20:00:00	1521	51
12-Jan-23 08:00:00	1519	64
26-Feb-23 03:00:00	1519	77
13-Jan-23 11:00:00	1519	65
02-Feb-23 18:00:00	1517	77
27-Feb-23 04:00:00	1516	57
23-Feb-23 18:00:00	1516	76
01-Feb-23 19:00:00	1515	77
24-Feb-23 05:00:00	1514	65
04-Feb-23 22:00:00	1513	61
02-Mar-23 09:00:00	1512	63
10-Feb-23 10:00:00	1511	58
27-Feb-23 12:00:00	1511	64
02-Feb-23 19:00:00	1510	77
01-Mar-23 19:00:00	1510	51
27-Feb-23 22:00:00	1510	61
26-Feb-23 00:00:00	1510	76
02-Feb-23 17:00:00	1510	77
26-Feb-23 14:00:00	1510	57
01-Feb-23 18:00:00	1507	77
26-Feb-23 02:00:00	1507	76
27-Feb-23 03:00:00	1506	55
05-Feb-23 17:00:00	1506	65
25-Feb-23 05:00:00	1505	64
27-Feb-23 16:00:00	1505	65
24-Feb-23 16:00:00	1505	71
01-Feb-23 20:00:00	1504	79
02-Mar-23 06:00:00	1504	54
04-Feb-23 07:00:00	1502	77
26-Feb-23 01:00:00	1501	76
27-Feb-23 00:00:00	1500	61

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
28-Feb-23 16:00:00	1500	61
12-Jan-23 09:00:00	1499	62
13-Jan-23 06:00:00	1496	61
27-Feb-23 01:00:00	1496	59
23-Feb-23 22:00:00	1496	72
27-Feb-23 02:00:00	1496	56
05-Jan-23 17:00:00	1494	51
01-Feb-23 17:00:00	1493	77
28-Feb-23 04:00:00	1493	54
13-Jan-23 12:00:00	1492	61
24-Feb-23 14:00:00	1492	70
28-Feb-23 22:00:00	1491	61
28-Feb-23 11:00:00	1490	68
02-Feb-23 20:00:00	1490	77
05-Feb-23 18:00:00	1489	64
01-Mar-23 18:00:00	1489	50
12-Jan-23 18:00:00	1489	59
24-Feb-23 23:00:00	1489	65
13-Jan-23 16:00:00	1487	61
13-Jan-23 17:00:00	1487	56
02-Feb-23 09:00:00	1485	83
01-Feb-23 21:00:00	1484	80
12-Jan-23 19:00:00	1482	60
01-Feb-23 08:00:00	1482	78
01-Mar-23 11:00:00	1480	64
12-Jan-23 07:00:00	1480	62
01-Mar-23 21:00:00	1477	50
11-Jan-23 17:00:00	1476	69
23-Feb-23 08:00:00	1476	81
23-Feb-23 07:00:00	1475	79
07-Feb-23 08:00:00	1475	76
10-Jan-23 17:00:00	1473	39
01-Mar-23 05:00:00	1472	56
24-Feb-23 15:00:00	1472	70
25-Feb-23 04:00:00	1471	64
03-Mar-23 08:00:00	1470	59
24-Feb-23 04:00:00	1470	65
05-Jan-23 18:00:00	1470	51
12-Jan-23 20:00:00	1470	60
05-Feb-23 19:00:00	1469	63
12-Jan-23 16:00:00	1469	59

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
12-Feb-23 08:00:00	1467	61
05-Jan-23 19:00:00	1466	51
28-Feb-23 03:00:00	1465	49
13-Jan-23 13:00:00	1464	61
12-Feb-23 09:00:00	1463	61
27-Feb-23 13:00:00	1463	56
05-Feb-23 08:00:00	1463	74
07-Feb-23 19:00:00	1463	58
03-Feb-23 08:00:00	1463	73
28-Feb-23 12:00:00	1461	65
05-Feb-23 09:00:00	1460	74
01-Feb-23 09:00:00	1460	78
10-Jan-23 16:00:00	1459	39
12-Jan-23 10:00:00	1459	64
05-Feb-23 16:00:00	1459	70
07-Feb-23 18:00:00	1459	59
14-Feb-23 10:00:00	1456	68
03-Mar-23 06:00:00	1456	50
07-Feb-23 09:00:00	1455	79
06-Jan-23 09:00:00	1454	31
06-Jan-23 08:00:00	1453	32
14-Feb-23 11:00:00	1453	66
10-Feb-23 17:00:00	1453	66
13-Jan-23 15:00:00	1452	62
27-Feb-23 23:00:00	1452	60
09-Feb-23 19:00:00	1452	68
23-Feb-23 17:00:00	1451	78
10-Jan-23 10:00:00	1451	48
25-Feb-23 03:00:00	1451	64
11-Jan-23 16:00:00	1451	70
10-Feb-23 06:00:00	1450	55
10-Feb-23 11:00:00	1450	58
03-Feb-23 16:00:00	1450	70
25-Feb-23 00:00:00	1450	66
14-Feb-23 17:00:00	1449	57
02-Mar-23 19:00:00	1449	47
07-Feb-23 17:00:00	1449	59
14-Feb-23 09:00:00	1448	68
27-Feb-23 15:00:00	1447	54
14-Feb-23 12:00:00	1447	66
12-Feb-23 17:00:00	1446	67

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
03-Feb-23 09:00:00	1446	75
02-Mar-23 10:00:00	1446	63
20-Feb-23 07:00:00	1446	70
12-Feb-23 18:00:00	1446	67
04-Feb-23 23:00:00	1445	61
02-Mar-23 18:00:00	1445	47
10-Jan-23 09:00:00	1444	52
24-Feb-23 03:00:00	1444	66
09-Feb-23 20:00:00	1444	72
09-Feb-23 18:00:00	1444	65
13-Jan-23 14:00:00	1444	60
23-Feb-23 23:00:00	1444	72
08-Feb-23 08:00:00	1444	66
03-Feb-23 17:00:00	1443	69
02-Feb-23 21:00:00	1443	77
03-Feb-23 07:00:00	1443	72
05-Feb-23 10:00:00	1442	74
28-Feb-23 15:00:00	1442	61
10-Jan-23 12:00:00	1441	41
11-Jan-23 18:00:00	1441	69
12-Jan-23 11:00:00	1441	66
01-Feb-23 07:00:00	1441	78
05-Feb-23 20:00:00	1441	62
28-Feb-23 02:00:00	1440	46
07-Feb-23 07:00:00	1440	59
28-Feb-23 23:00:00	1440	57
25-Feb-23 02:00:00	1439	65
05-Jan-23 20:00:00	1439	51
07-Feb-23 20:00:00	1439	58
01-Mar-23 17:00:00	1438	60
25-Feb-23 01:00:00	1438	67
27-Feb-23 14:00:00	1438	57
14-Feb-23 16:00:00	1437	58
23-Feb-23 09:00:00	1437	80
18-Feb-23 18:00:00	1437	58
10-Jan-23 11:00:00	1437	44
12-Feb-23 10:00:00	1436	64
05-Feb-23 11:00:00	1436	74
10-Feb-23 18:00:00	1436	66
02-Mar-23 20:00:00	1436	46
12-Jan-23 21:00:00	1435	60

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
14-Dec-23 17:00:00	1435	66
10-Feb-23 16:00:00	1435	70
09-Jan-23 08:00:00	1435	67
12-Feb-23 07:00:00	1435	58
01-Mar-23 04:00:00	1434	55
09-Jan-23 17:00:00	1434	54
13-Feb-23 07:00:00	1434	65
06-Jan-23 07:00:00	1433	34
09-Feb-23 17:00:00	1432	63
08-Feb-23 07:00:00	1431	69
02-Feb-23 05:00:00	1431	79
06-Jan-23 10:00:00	1431	32
10-Jan-23 18:00:00	1429	39
01-Feb-23 22:00:00	1429	80
12-Feb-23 19:00:00	1428	61
03-Feb-23 15:00:00	1427	71
13-Jan-23 18:00:00	1427	56
28-Feb-23 13:00:00	1427	58
01-Mar-23 03:00:00	1425	55
18-Feb-23 19:00:00	1425	56
20-Feb-23 08:00:00	1425	70
11-Jan-23 19:00:00	1424	68
02-Feb-23 16:00:00	1424	75
07-Feb-23 10:00:00	1424	72
10-Jan-23 08:00:00	1424	57
14-Feb-23 08:00:00	1423	67
09-Jan-23 16:00:00	1423	55
06-Jan-23 17:00:00	1423	38
11-Jan-23 08:00:00	1423	66
14-Feb-23 18:00:00	1422	58
05-Jan-23 16:00:00	1422	51
02-Feb-23 10:00:00	1422	79
05-Feb-23 12:00:00	1422	74
09-Jan-23 09:00:00	1422	68
24-Feb-23 02:00:00	1422	71
28-Feb-23 01:00:00	1422	45
28-Feb-23 00:00:00	1421	47
18-Feb-23 17:00:00	1421	63
03-Feb-23 10:00:00	1420	75
04-Feb-23 06:00:00	1419	76
09-Feb-23 21:00:00	1418	68

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Feb-23 07:00:00	1418	75
24-Feb-23 00:00:00	1418	72
03-Feb-23 11:00:00	1418	75
01-Mar-23 12:00:00	1417	64
01-Feb-23 10:00:00	1417	80
19-Feb-23 08:00:00	1417	52
02-Mar-23 05:00:00	1416	52
24-Feb-23 01:00:00	1416	70
08-Feb-23 09:00:00	1416	64
05-Feb-23 13:00:00	1415	74
11-Jan-23 09:00:00	1414	67
03-Feb-23 12:00:00	1413	76
28-Feb-23 14:00:00	1413	61
10-Feb-23 19:00:00	1413	65
10-Jan-23 13:00:00	1413	42
09-Jan-23 07:00:00	1412	61
14-Dec-23 18:00:00	1412	65
19-Feb-23 09:00:00	1412	51
01-Mar-23 02:00:00	1412	57
15-Dec-23 08:00:00	1411	74
13-Feb-23 08:00:00	1411	70
11-Jan-23 20:00:00	1410	69
03-Feb-23 14:00:00	1409	67
01-Mar-23 22:00:00	1409	50
05-Feb-23 14:00:00	1409	74
05-Jan-23 08:00:00	1409	57
06-Jan-23 11:00:00	1409	33
03-Feb-23 13:00:00	1406	75
01-Mar-23 00:00:00	1405	57
12-Feb-23 11:00:00	1405	66
14-Feb-23 19:00:00	1405	57
01-Feb-23 16:00:00	1403	78
11-Jan-23 10:00:00	1402	65
14-Feb-23 15:00:00	1402	58
15-Feb-23 08:00:00	1402	61
05-Feb-23 15:00:00	1402	74
14-Feb-23 13:00:00	1402	65
02-Mar-23 21:00:00	1401	46
10-Jan-23 19:00:00	1401	39
07-Feb-23 21:00:00	1401	58
12-Jan-23 12:00:00	1401	67

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Feb-23 20:00:00	1399	64
12-Feb-23 06:00:00	1399	54
01-Mar-23 01:00:00	1399	58
02-Mar-23 11:00:00	1399	64
18-Feb-23 20:00:00	1398	56
02-Mar-23 17:00:00	1397	48
12-Feb-23 20:00:00	1397	53
10-Jan-23 15:00:00	1396	41
06-Jan-23 16:00:00	1396	38
29-Dec-23 17:00:00	1396	49
15-Feb-23 09:00:00	1396	59
24-Mar-23 17:00:00	1395	48
13-Jan-23 05:00:00	1395	55
03-Mar-23 09:00:00	1394	54
15-Dec-23 07:00:00	1394	67
23-Feb-23 10:00:00	1394	80
19-Feb-23 19:00:00	1393	48
11-Jan-23 07:00:00	1393	61
11-Feb-23 18:00:00	1393	61
03-Feb-23 18:00:00	1393	70
20-Mar-23 20:00:00	1393	52
12-Feb-23 16:00:00	1392	67
24-Mar-23 08:00:00	1392	63
11-Jan-23 11:00:00	1392	67
14-Dec-23 19:00:00	1392	64
16-Dec-23 17:00:00	1392	24
12-Jan-23 22:00:00	1392	57
09-Jan-23 10:00:00	1390	67
02-Feb-23 04:00:00	1390	79
14-Dec-23 16:00:00	1389	66
29-Dec-23 18:00:00	1389	48
05-Feb-23 21:00:00	1389	62
06-Jan-23 18:00:00	1389	42
05-Jan-23 09:00:00	1389	56
23-Feb-23 06:00:00	1389	71
14-Dec-23 20:00:00	1388	63
05-Jan-23 21:00:00	1388	50
22-Feb-23 18:00:00	1388	82
07-Feb-23 11:00:00	1386	63
19-Feb-23 18:00:00	1386	48
10-Feb-23 15:00:00	1386	72

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Jan-23 14:00:00	1386	41
11-Feb-23 17:00:00	1385	63
05-Feb-23 00:00:00	1384	61
09-Jan-23 18:00:00	1384	53
29-Dec-23 16:00:00	1383	53
24-Mar-23 16:00:00	1383	48
11-Jan-23 15:00:00	1383	75
06-Jan-23 12:00:00	1383	36
11-Feb-23 19:00:00	1383	58
13-Jan-23 19:00:00	1382	56
19-Feb-23 20:00:00	1382	48
12-Jan-23 15:00:00	1381	65
19-Feb-23 10:00:00	1380	51
04-Mar-23 07:00:00	1380	43
01-Feb-23 11:00:00	1380	81
04-Mar-23 08:00:00	1380	43
24-Mar-23 18:00:00	1380	47
07-Feb-23 16:00:00	1380	60
16-Feb-23 08:00:00	1379	68
22-Feb-23 17:00:00	1379	82
16-Feb-23 07:00:00	1379	71
05-Mar-23 09:00:00	1378	43
11-Jan-23 21:00:00	1378	71
14-Feb-23 07:00:00	1378	67
24-Mar-23 19:00:00	1378	48
07-Dec-23 17:00:00	1377	49
20-Mar-23 19:00:00	1377	52
30-Jan-23 09:00:00	1376	76
20-Mar-23 21:00:00	1376	53
10-Feb-23 12:00:00	1375	57
02-Mar-23 12:00:00	1375	62
22-Feb-23 19:00:00	1375	82
14-Feb-23 14:00:00	1375	62
01-Mar-23 16:00:00	1375	62
29-Dec-23 19:00:00	1375	48
09-Jan-23 11:00:00	1375	66
05-Feb-23 06:00:00	1375	75
23-Feb-23 16:00:00	1374	78
12-Jan-23 06:00:00	1374	63
02-Feb-23 03:00:00	1374	79
20-Feb-23 09:00:00	1373	70

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
12-Feb-23 12:00:00	1373	67
21-Mar-23 08:00:00	1373	48
23-Feb-23 11:00:00	1373	78
01-Feb-23 23:00:00	1373	80
21-Mar-23 07:00:00	1372	47
04-Mar-23 09:00:00	1372	42
06-Jan-23 19:00:00	1372	42
26-Jan-23 08:00:00	1372	84
05-Mar-23 08:00:00	1372	43
08-Dec-23 08:00:00	1372	47
24-Mar-23 09:00:00	1371	62
02-Feb-23 11:00:00	1371	76
05-Mar-23 07:00:00	1371	42
10-Jan-23 07:00:00	1371	61
08-Dec-23 09:00:00	1371	40
06-Dec-23 17:00:00	1371	48
14-Feb-23 20:00:00	1371	57
11-Jan-23 12:00:00	1371	73
27-Dec-23 17:00:00	1371	54
20-Feb-23 17:00:00	1370	72
15-Dec-23 09:00:00	1370	68
10-Jan-23 20:00:00	1370	39
30-Jan-23 08:00:00	1370	76
02-Feb-23 02:00:00	1369	79
08-Feb-23 10:00:00	1369	61
29-Dec-23 08:00:00	1369	45
09-Feb-23 16:00:00	1368	62
11-Feb-23 20:00:00	1368	59
08-Feb-23 17:00:00	1368	70
02-Feb-23 22:00:00	1368	77
09-Feb-23 08:00:00	1368	65
24-Mar-23 10:00:00	1368	62
18-Feb-23 16:00:00	1367	64
05-Mar-23 10:00:00	1367	45
29-Dec-23 11:00:00	1367	51
02-Mar-23 04:00:00	1367	53
09-Feb-23 22:00:00	1366	64
15-Feb-23 07:00:00	1366	63
19-Feb-23 07:00:00	1366	52
15-Feb-23 10:00:00	1366	59
07-Feb-23 12:00:00	1365	59

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
18-Feb-23 21:00:00	1365	56
21-Jan-23 17:00:00	1365	72
09-Jan-23 12:00:00	1365	56
09-Jan-23 15:00:00	1364	58
01-Mar-23 23:00:00	1364	53
29-Dec-23 09:00:00	1364	48
10-Feb-23 21:00:00	1363	62
24-Mar-23 07:00:00	1363	65
29-Dec-23 10:00:00	1362	51
20-Feb-23 18:00:00	1362	71
22-Jan-23 17:00:00	1362	70
15-Dec-23 10:00:00	1361	53
29-Dec-23 12:00:00	1361	51
05-Jan-23 07:00:00	1361	57
19-Feb-23 17:00:00	1360	46
09-Jan-23 13:00:00	1360	46
23-Jan-23 08:00:00	1358	74
23-Dec-23 17:00:00	1358	31
09-Jan-23 19:00:00	1358	53
04-Mar-23 19:00:00	1357	50
24-Mar-23 20:00:00	1357	49
02-Feb-23 12:00:00	1357	79
03-Mar-23 05:00:00	1357	43
30-Jan-23 10:00:00	1356	73
12-Jan-23 13:00:00	1355	67
05-Feb-23 01:00:00	1355	61
10-Feb-23 05:00:00	1354	55
28-Dec-23 17:00:00	1354	27
08-Jan-23 17:00:00	1354	53
22-Feb-23 20:00:00	1354	79
15-Feb-23 19:00:00	1354	52
02-Jan-23 17:00:00	1354	61
07-Dec-23 08:00:00	1353	38
04-Mar-23 10:00:00	1353	44
24-Mar-23 11:00:00	1353	61
19-Feb-23 11:00:00	1353	52
08-Dec-23 17:00:00	1353	53
27-Dec-23 18:00:00	1353	54
14-Dec-23 21:00:00	1352	63
05-Jan-23 10:00:00	1352	56
12-Feb-23 05:00:00	1352	52

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
08-Feb-23 18:00:00	1352	70
07-Feb-23 22:00:00	1351	61
12-Jan-23 14:00:00	1351	67
08-Dec-23 16:00:00	1351	52
25-Dec-23 10:00:00	1350	32
02-Mar-23 16:00:00	1350	46
03-Feb-23 06:00:00	1350	72
06-Dec-23 18:00:00	1349	49
05-Mar-23 06:00:00	1349	42
06-Jan-23 13:00:00	1349	40
26-Jan-23 07:00:00	1349	84
02-Feb-23 01:00:00	1349	79
24-Mar-23 15:00:00	1349	49
03-Jan-23 17:00:00	1348	67
29-Dec-23 13:00:00	1348	51
07-Dec-23 18:00:00	1348	49
09-Feb-23 09:00:00	1348	65
13-Feb-23 09:00:00	1348	71
19-Feb-23 21:00:00	1347	69
01-Feb-23 12:00:00	1347	81
23-Jan-23 09:00:00	1347	78
23-Mar-23 08:00:00	1347	62
04-Mar-23 20:00:00	1347	52
09-Feb-23 07:00:00	1346	67
20-Mar-23 17:00:00	1346	51
22-Jan-23 18:00:00	1346	70
16-Dec-23 18:00:00	1345	24
10-Feb-23 14:00:00	1345	69
08-Dec-23 07:00:00	1345	48
09-Jan-23 14:00:00	1345	50
21-Jan-23 16:00:00	1345	75
04-Mar-23 18:00:00	1345	47
08-Dec-23 10:00:00	1345	46
15-Feb-23 18:00:00	1345	52
02-Mar-23 22:00:00	1344	50
12-Feb-23 21:00:00	1344	50
29-Dec-23 14:00:00	1344	51
01-Mar-23 13:00:00	1344	63
30-Jan-23 11:00:00	1344	73
23-Feb-23 12:00:00	1344	78
20-Feb-23 06:00:00	1343	70

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Feb-23 05:00:00	1343	65
13-Jan-23 04:00:00	1343	54
11-Feb-23 21:00:00	1342	58
14-Mar-23 07:00:00	1342	69
06-Dec-23 19:00:00	1342	48
13-Jan-23 20:00:00	1342	56
24-Mar-23 12:00:00	1341	60
15-Mar-23 08:00:00	1341	73
20-Feb-23 16:00:00	1341	70
13-Feb-23 18:00:00	1341	54
07-Feb-23 13:00:00	1341	59
29-Dec-23 20:00:00	1341	48
12-Feb-23 13:00:00	1340	68
22-Feb-23 16:00:00	1340	82
07-Dec-23 09:00:00	1340	38
06-Jan-23 06:00:00	1340	33
08-Feb-23 16:00:00	1340	70
15-Dec-23 16:00:00	1340	68
23-Mar-23 07:00:00	1340	62
29-Jan-23 17:00:00	1340	82
02-Feb-23 00:00:00	1340	80
05-Feb-23 02:00:00	1340	62
07-Feb-23 15:00:00	1340	60
06-Jan-23 20:00:00	1340	42
08-Feb-23 11:00:00	1339	63
07-Dec-23 16:00:00	1339	45
02-Feb-23 15:00:00	1339	74
13-Feb-23 06:00:00	1339	59
16-Dec-23 16:00:00	1339	24
23-Dec-23 18:00:00	1338	31
27-Dec-23 19:00:00	1338	53
08-Feb-23 19:00:00	1337	70
23-Jan-23 07:00:00	1337	72
29-Jan-23 18:00:00	1337	79
15-Feb-23 20:00:00	1336	52
03-Mar-23 19:00:00	1336	45
09-Jan-23 20:00:00	1336	53
29-Dec-23 15:00:00	1336	51
24-Mar-23 14:00:00	1336	53
02-Mar-23 13:00:00	1336	59
08-Jan-23 16:00:00	1335	53

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
22-Feb-23 08:00:00	1335	73
12-Jan-23 23:00:00	1335	55
19-Feb-23 12:00:00	1335	54
13-Feb-23 19:00:00	1335	54
15-Dec-23 12:00:00	1335	44
23-Feb-23 13:00:00	1335	79
28-Dec-23 18:00:00	1335	29
04-Feb-23 05:00:00	1335	76
06-Dec-23 16:00:00	1335	46
20-Mar-23 18:00:00	1334	52
08-Feb-23 06:00:00	1334	67
05-Feb-23 04:00:00	1334	63
06-Feb-23 08:00:00	1334	60
07-Dec-23 19:00:00	1334	46
02-Mar-23 03:00:00	1334	53
18-Feb-23 12:00:00	1333	56
12-Feb-23 15:00:00	1333	67
02-Mar-23 00:00:00	1333	55
24-Mar-23 13:00:00	1333	56
30-Jan-23 07:00:00	1333	76
22-Jan-23 19:00:00	1333	70
25-Dec-23 09:00:00	1333	32
03-Feb-23 19:00:00	1333	70
15-Dec-23 11:00:00	1333	44
10-Feb-23 13:00:00	1333	57
23-Jan-23 10:00:00	1332	77
15-Feb-23 11:00:00	1332	53
20-Feb-23 19:00:00	1332	67
07-Feb-23 06:00:00	1332	62
21-Jan-23 12:00:00	1332	78
06-Jan-23 15:00:00	1331	40
22-Feb-23 09:00:00	1331	72
03-Mar-23 18:00:00	1331	44
18-Feb-23 11:00:00	1330	55
05-Feb-23 03:00:00	1330	62
18-Feb-23 13:00:00	1330	61
06-Feb-23 17:00:00	1330	70
02-Feb-23 13:00:00	1330	71
05-Mar-23 11:00:00	1329	46
29-Jan-23 19:00:00	1329	86
18-Feb-23 10:00:00	1329	54

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
15-Mar-23 09:00:00	1329	71
04-Mar-23 06:00:00	1329	42
11-Feb-23 16:00:00	1328	63
02-Mar-23 02:00:00	1328	54
12-Feb-23 14:00:00	1328	67
05-Mar-23 18:00:00	1328	49
05-Jan-23 11:00:00	1328	56
09-Mar-23 08:00:00	1327	41
01-Feb-23 06:00:00	1327	78
14-Feb-23 21:00:00	1327	57
06-Mar-23 07:00:00	1327	57
14-Mar-23 08:00:00	1327	68
27-Dec-23 16:00:00	1327	32
03-Mar-23 10:00:00	1326	55
13-Feb-23 17:00:00	1326	55
08-Dec-23 11:00:00	1326	50
18-Feb-23 22:00:00	1325	56
18-Feb-23 09:00:00	1325	54
21-Jan-23 13:00:00	1325	78
13-Mar-23 08:00:00	1325	70
05-Mar-23 19:00:00	1325	51
04-Mar-23 11:00:00	1325	44
11-Jan-23 22:00:00	1325	69
22-Feb-23 11:00:00	1325	70
21-Jan-23 18:00:00	1325	72
03-Mar-23 20:00:00	1325	45
04-Mar-23 21:00:00	1324	51
19-Feb-23 06:00:00	1324	53
07-Jan-23 17:00:00	1324	40
08-Jan-23 18:00:00	1323	53
16-Feb-23 17:00:00	1323	60
06-Dec-23 20:00:00	1323	48
01-Mar-23 15:00:00	1323	61
11-Jan-23 14:00:00	1323	84
06-Feb-23 09:00:00	1323	62
13-Feb-23 20:00:00	1323	52
15-Dec-23 13:00:00	1322	44
22-Feb-23 10:00:00	1322	70
09-Mar-23 07:00:00	1322	42
22-Feb-23 12:00:00	1322	77
10-Jan-23 21:00:00	1322	39

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
18-Feb-23 14:00:00	1322	60
18-Feb-23 15:00:00	1322	61
02-Jan-23 16:00:00	1321	65
02-Mar-23 15:00:00	1321	47
23-Jan-23 17:00:00	1321	79
22-Feb-23 21:00:00	1321	75
16-Jan-23 10:00:00	1321	81
07-Dec-23 20:00:00	1321	52
25-Dec-23 11:00:00	1321	30
15-Dec-23 15:00:00	1321	50
07-Feb-23 14:00:00	1320	59
20-Mar-23 08:00:00	1320	43
26-Jan-23 17:00:00	1320	76
23-Dec-23 19:00:00	1320	31
07-Jan-23 10:00:00	1320	35
26-Jan-23 09:00:00	1320	84
21-Mar-23 09:00:00	1319	49
20-Feb-23 10:00:00	1319	70
21-Jan-23 11:00:00	1319	78
07-Mar-23 08:00:00	1318	46
29-Dec-23 07:00:00	1318	41
05-Jan-23 22:00:00	1318	50
07-Dec-23 10:00:00	1318	39
26-Jan-23 16:00:00	1318	76
16-Jan-23 11:00:00	1318	83
23-Feb-23 14:00:00	1318	78
11-Jan-23 13:00:00	1317	85
07-Dec-23 07:00:00	1317	40
13-Jan-23 03:00:00	1317	54
02-Jan-23 18:00:00	1317	61
10-Mar-23 08:00:00	1317	75
29-Jan-23 20:00:00	1317	87
24-Mar-23 21:00:00	1317	44
02-Mar-23 01:00:00	1316	54
05-Feb-23 22:00:00	1316	61
05-Jan-23 15:00:00	1316	52
22-Jan-23 16:00:00	1316	70
23-Feb-23 15:00:00	1316	78
07-Jan-23 11:00:00	1316	35
21-Jan-23 14:00:00	1316	76
03-Jan-23 16:00:00	1316	67

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
01-Feb-23 15:00:00	1316	78
09-Feb-23 23:00:00	1315	61
12-Feb-23 04:00:00	1314	53
19-Feb-23 13:00:00	1314	55
27-Dec-23 20:00:00	1314	48
25-Dec-23 08:00:00	1314	32
02-Feb-23 14:00:00	1314	72
15-Mar-23 07:00:00	1314	73
03-Jan-23 18:00:00	1314	67
15-Feb-23 17:00:00	1313	52
28-Dec-23 16:00:00	1313	26
22-Jan-23 20:00:00	1313	72
05-Mar-23 20:00:00	1313	51
31-Jan-23 17:00:00	1313	83
06-Jan-23 14:00:00	1313	40
05-Jan-23 12:00:00	1312	56
08-Feb-23 20:00:00	1312	69
23-Dec-23 16:00:00	1312	31
16-Jan-23 09:00:00	1312	81
06-Feb-23 07:00:00	1311	60
01-Feb-23 13:00:00	1311	79
23-Jan-23 11:00:00	1311	78
05-Mar-23 17:00:00	1311	46
08-Dec-23 18:00:00	1311	54
19-Feb-23 16:00:00	1311	39
15-Dec-23 17:00:00	1311	69
06-Mar-23 08:00:00	1310	63
10-Feb-23 22:00:00	1310	62
28-Dec-23 10:00:00	1310	30
21-Jan-23 15:00:00	1310	76
02-Mar-23 14:00:00	1310	50
07-Jan-23 16:00:00	1310	40
06-Apr-23 07:00:00	1309	51
03-Mar-23 21:00:00	1309	49
28-Dec-23 19:00:00	1309	28
08-Feb-23 12:00:00	1308	66
06-Jan-23 21:00:00	1308	42
01-Mar-23 14:00:00	1308	61
08-Jan-23 19:00:00	1308	53
13-Mar-23 07:00:00	1308	61
10-Feb-23 04:00:00	1308	55

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
22-Mar-23 08:00:00	1307	52
30-Jan-23 12:00:00	1307	79
09-Feb-23 10:00:00	1307	64
10-Mar-23 07:00:00	1306	75
14-Feb-23 06:00:00	1306	68
27-Dec-23 10:00:00	1306	55
15-Feb-23 21:00:00	1306	53
11-Feb-23 22:00:00	1306	58
16-Jan-23 17:00:00	1306	80
05-Mar-23 05:00:00	1305	42
07-Jan-23 09:00:00	1305	33
22-Feb-23 13:00:00	1305	77
15-Mar-23 10:00:00	1305	71
20-Mar-23 22:00:00	1305	52
20-Mar-23 16:00:00	1305	52
02-Feb-23 23:00:00	1305	77
13-Jan-23 00:00:00	1304	55
07-Mar-23 09:00:00	1304	48
16-Feb-23 18:00:00	1303	60
07-Jan-23 12:00:00	1303	35
27-Mar-23 08:00:00	1303	56
27-Dec-23 11:00:00	1303	47
03-Mar-23 04:00:00	1303	47
16-Feb-23 09:00:00	1302	65
08-Jan-23 10:00:00	1302	50
13-Feb-23 21:00:00	1302	51
16-Mar-23 09:00:00	1301	70
13-Jan-23 02:00:00	1301	55
16-Jan-23 12:00:00	1301	79
07-Jan-23 18:00:00	1301	41
28-Dec-23 11:00:00	1301	30
09-Jan-23 21:00:00	1300	53
20-Feb-23 20:00:00	1300	66
04-Dec-23 17:00:00	1300	44
08-Dec-23 15:00:00	1300	51
16-Jan-23 08:00:00	1300	80
06-Feb-23 16:00:00	1299	71
08-Dec-23 12:00:00	1299	51
23-Jan-23 16:00:00	1298	79
13-Feb-23 10:00:00	1298	71
28-Dec-23 09:00:00	1298	30

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
24-Dec-23 16:00:00	1298	27
23-Dec-23 20:00:00	1298	31
31-Jan-23 18:00:00	1297	83
22-Feb-23 14:00:00	1297	79
02-Jan-23 19:00:00	1297	61
15-Feb-23 12:00:00	1296	48
04-Dec-23 16:00:00	1296	43
17-Dec-23 17:00:00	1296	37
08-Mar-23 08:00:00	1296	72
20-Feb-23 11:00:00	1296	70
23-Mar-23 09:00:00	1295	63
24-Dec-23 10:00:00	1295	27
14-Dec-23 22:00:00	1295	61
20-Mar-23 09:00:00	1295	48
20-Mar-23 07:00:00	1295	43
13-Jan-23 01:00:00	1295	55
07-Mar-23 07:00:00	1295	44
11-Feb-23 09:00:00	1295	70
09-Jan-23 06:00:00	1294	51
08-Jan-23 09:00:00	1294	43
03-Jan-23 19:00:00	1294	66
16-Dec-23 20:00:00	1294	28
04-Mar-23 22:00:00	1294	51
29-Dec-23 21:00:00	1294	45
16-Jan-23 16:00:00	1294	80
10-Mar-23 09:00:00	1294	75
17-Dec-23 08:00:00	1294	45
16-Dec-23 19:00:00	1294	25
21-Mar-23 06:00:00	1294	46
24-Dec-23 17:00:00	1293	27
16-Mar-23 08:00:00	1293	72
06-Feb-23 18:00:00	1293	70
31-Mar-23 08:00:00	1293	34
20-Jan-23 17:00:00	1292	85
03-Mar-23 11:00:00	1292	56
04-Mar-23 17:00:00	1292	46
09-Mar-23 18:00:00	1292	53
11-Feb-23 10:00:00	1292	70
15-Feb-23 06:00:00	1292	62
22-Feb-23 15:00:00	1291	81
06-Feb-23 10:00:00	1291	65

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Feb-23 03:00:00	1291	57
25-Mar-23 09:00:00	1291	64
25-Mar-23 10:00:00	1291	59
01-Feb-23 14:00:00	1291	78
21-Jan-23 10:00:00	1291	78
09-Mar-23 19:00:00	1291	53
17-Dec-23 09:00:00	1291	43
07-Feb-23 23:00:00	1290	65
15-Dec-23 14:00:00	1290	44
22-Mar-23 07:00:00	1290	54
09-Feb-23 11:00:00	1290	64
13-Jan-23 21:00:00	1290	54
23-Feb-23 05:00:00	1290	75
06-Feb-23 19:00:00	1290	69
20-Mar-23 10:00:00	1290	48
15-Dec-23 06:00:00	1290	68
20-Mar-23 11:00:00	1290	48
03-Feb-23 20:00:00	1290	71
05-Jan-23 13:00:00	1290	59
11-Jan-23 06:00:00	1289	49
08-Feb-23 15:00:00	1289	69
19-Feb-23 22:00:00	1289	70
07-Dec-23 21:00:00	1289	51
12-Feb-23 03:00:00	1289	53
30-Nov-23 17:00:00	1289	42
31-Mar-23 07:00:00	1288	35
02-Mar-23 23:00:00	1288	50
20-Mar-23 12:00:00	1288	51
11-Feb-23 11:00:00	1288	69
03-Mar-23 17:00:00	1287	44
05-Mar-23 16:00:00	1287	45
10-Feb-23 00:00:00	1287	61
10-Apr-23 08:00:00	1287	48
24-Dec-23 09:00:00	1286	27
25-Mar-23 11:00:00	1286	58
16-Mar-23 10:00:00	1285	68
04-Mar-23 12:00:00	1285	44
23-Jan-23 12:00:00	1285	79
Average (MW)	**1402**	**61**

Table C-5: Top 10% of Island Interconnected System Load Hours (2024)

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
24-Jan-24 07:00:00	1728	53
24-Jan-24 08:00:00	1707	54
24-Jan-24 09:00:00	1666	56
06-Jan-24 17:00:00	1666	47
24-Jan-24 06:00:00	1659	45
06-Jan-24 18:00:00	1658	47
06-Jan-24 19:00:00	1644	47
24-Jan-24 17:00:00	1635	59
06-Jan-24 20:00:00	1627	48
21-Feb-24 07:00:00	1625	42
24-Jan-24 10:00:00	1615	56
06-Jan-24 16:00:00	1613	48
24-Jan-24 18:00:00	1612	63
06-Jan-24 21:00:00	1598	50
30-Jan-24 08:00:00	1598	50
07-Jan-24 09:00:00	1596	41
24-Jan-24 19:00:00	1593	63
22-Feb-24 07:00:00	1593	46
22-Feb-24 08:00:00	1593	46
07-Jan-24 08:00:00	1586	41
30-Jan-24 09:00:00	1584	51
24-Jan-24 20:00:00	1582	61
24-Jan-24 16:00:00	1581	56
21-Feb-24 08:00:00	1576	42
26-Jan-24 08:00:00	1575	52
31-Jan-24 08:00:00	1572	60
24-Jan-24 11:00:00	1567	56
07-Jan-24 10:00:00	1558	41
30-Jan-24 10:00:00	1554	50
07-Jan-24 17:00:00	1554	32
30-Jan-24 07:00:00	1552	50
24-Jan-24 05:00:00	1552	48
31-Jan-24 07:00:00	1549	59
24-Jan-24 21:00:00	1548	57
06-Jan-24 22:00:00	1547	44
26-Jan-24 07:00:00	1544	52
07-Jan-24 07:00:00	1537	41
19-Jan-24 08:00:00	1534	64
30-Jan-24 11:00:00	1533	51

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Jan-24 08:00:00	1531	47
26-Jan-24 09:00:00	1529	51
21-Feb-24 06:00:00	1527	41
07-Jan-24 18:00:00	1527	30
30-Jan-24 17:00:00	1527	46
07-Jan-24 11:00:00	1523	40
19-Jan-24 17:00:00	1522	71
19-Jan-24 16:00:00	1521	56
24-Jan-24 12:00:00	1520	52
31-Jan-24 09:00:00	1520	59
07-Jan-24 16:00:00	1516	32
18-Jan-24 17:00:00	1515	59
20-Feb-24 19:00:00	1515	33
06-Jan-24 15:00:00	1512	48
10-Jan-24 07:00:00	1512	45
22-Feb-24 09:00:00	1511	50
20-Feb-24 18:00:00	1509	33
07-Jan-24 19:00:00	1509	29
19-Jan-24 09:00:00	1507	63
24-Jan-24 15:00:00	1506	43
21-Feb-24 09:00:00	1506	39
19-Jan-24 07:00:00	1505	64
20-Feb-24 20:00:00	1503	34
30-Jan-24 18:00:00	1503	44
18-Jan-24 18:00:00	1503	59
18-Jan-24 19:00:00	1498	59
07-Jan-24 06:00:00	1496	43
07-Jan-24 12:00:00	1495	36
24-Jan-24 04:00:00	1495	50
06-Jan-24 23:00:00	1494	44
22-Feb-24 06:00:00	1491	45
08-Jan-24 08:00:00	1491	38
06-Jan-24 13:00:00	1490	48
10-Jan-24 09:00:00	1490	51
26-Feb-24 08:00:00	1488	58
25-Jan-24 08:00:00	1488	48
06-Jan-24 12:00:00	1488	45
30-Jan-24 19:00:00	1487	44
26-Feb-24 07:00:00	1486	58
20-Feb-24 07:00:00	1485	41
24-Jan-24 13:00:00	1485	45

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
30-Jan-24 16:00:00	1485	46
06-Jan-24 14:00:00	1485	48
07-Jan-24 20:00:00	1483	29
21-Feb-24 19:00:00	1483	32
29-Jan-24 17:00:00	1482	49
24-Jan-24 14:00:00	1480	44
30-Jan-24 12:00:00	1480	51
30-Jan-24 20:00:00	1479	43
19-Jan-24 15:00:00	1478	48
08-Jan-24 09:00:00	1477	37
21-Feb-24 20:00:00	1477	32
06-Jan-24 11:00:00	1476	42
24-Jan-24 22:00:00	1475	52
19-Jan-24 18:00:00	1475	69
18-Jan-24 16:00:00	1475	59
23-Jan-24 21:00:00	1474	49
20-Feb-24 21:00:00	1473	34
19-Jan-24 13:00:00	1472	55
20-Feb-24 17:00:00	1472	34
08-Jan-24 07:00:00	1472	39
21-Feb-24 18:00:00	1472	32
25-Jan-24 07:00:00	1471	48
07-Jan-24 13:00:00	1471	33
25-Jan-24 09:00:00	1471	39
19-Jan-24 14:00:00	1471	49
19-Jan-24 10:00:00	1471	61
01-Feb-24 07:00:00	1470	47
18-Jan-24 20:00:00	1470	58
01-Mar-24 19:00:00	1470	74
19-Feb-24 07:00:00	1469	42
01-Mar-24 18:00:00	1467	75
08-Jan-24 17:00:00	1467	42
20-Feb-24 08:00:00	1466	40
23-Jan-24 20:00:00	1465	49
19-Jan-24 12:00:00	1465	62
19-Jan-24 11:00:00	1462	62
31-Jan-24 10:00:00	1460	47
01-Feb-24 08:00:00	1459	50
09-Jan-24 17:00:00	1458	37
07-Jan-24 05:00:00	1458	41
08-Jan-24 16:00:00	1455	39

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
29-Jan-24 18:00:00	1454	48
24-Jan-24 03:00:00	1454	49
21-Feb-24 10:00:00	1454	32
08-Jan-24 10:00:00	1454	41
21-Feb-24 21:00:00	1454	32
01-Mar-24 20:00:00	1454	72
25-Dec-24 08:00:00	1453	49
26-Jan-24 17:00:00	1452	51
23-Jan-24 19:00:00	1451	49
18-Feb-24 18:00:00	1451	40
07-Jan-24 00:00:00	1451	42
26-Feb-24 09:00:00	1451	58
31-Jan-24 19:00:00	1448	43
25-Dec-24 09:00:00	1447	49
26-Jan-24 18:00:00	1447	50
23-Jan-24 17:00:00	1446	47
06-Jan-24 10:00:00	1446	42
29-Jan-24 19:00:00	1446	48
26-Jan-24 10:00:00	1446	46
18-Feb-24 19:00:00	1445	40
07-Jan-24 15:00:00	1444	32
31-Jan-24 18:00:00	1443	43
23-Jan-24 18:00:00	1443	48
30-Jan-24 21:00:00	1443	43
07-Jan-24 21:00:00	1440	29
30-Jan-24 13:00:00	1439	48
31-Jan-24 06:00:00	1439	53
19-Jan-24 19:00:00	1439	62
31-Jan-24 20:00:00	1439	41
24-Dec-24 16:00:00	1439	61
24-Dec-24 17:00:00	1438	61
19-Feb-24 08:00:00	1438	46
26-Jan-24 19:00:00	1438	50
09-Jan-24 18:00:00	1437	37
29-Jan-24 16:00:00	1437	47
08-Jan-24 11:00:00	1437	40
07-Jan-24 14:00:00	1436	32
23-Dec-24 17:00:00	1435	65
30-Jan-24 15:00:00	1435	47
24-Dec-24 10:00:00	1435	61
30-Jan-24 06:00:00	1435	43

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
09-Jan-24 19:00:00	1435	37
07-Jan-24 04:00:00	1435	39
25-Jan-24 17:00:00	1433	67
25-Jan-24 10:00:00	1433	38
29-Jan-24 20:00:00	1433	47
18-Feb-24 20:00:00	1432	40
10-Jan-24 17:00:00	1431	55
09-Jan-24 20:00:00	1431	37
26-Jan-24 06:00:00	1431	46
18-Jan-24 21:00:00	1431	59
21-Feb-24 05:00:00	1430	34
10-Jan-24 10:00:00	1429	50
24-Dec-24 09:00:00	1429	62
18-Feb-24 17:00:00	1429	39
31-Jan-24 17:00:00	1428	43
07-Jan-24 01:00:00	1428	39
24-Dec-24 11:00:00	1427	60
23-Jan-24 22:00:00	1426	50
07-Jan-24 03:00:00	1425	39
31-Jan-24 11:00:00	1424	51
22-Feb-24 17:00:00	1424	55
26-Jan-24 20:00:00	1423	50
01-Mar-24 17:00:00	1422	75
08-Jan-24 12:00:00	1422	31
08-Jan-24 18:00:00	1422	39
30-Jan-24 14:00:00	1421	47
25-Jan-24 16:00:00	1421	62
21-Feb-24 17:00:00	1421	32
01-Mar-24 21:00:00	1421	71
20-Feb-24 22:00:00	1419	32
09-Jan-24 08:00:00	1419	41
22-Feb-24 18:00:00	1418	61
07-Jan-24 02:00:00	1418	39
25-Dec-24 10:00:00	1418	49
19-Jan-24 06:00:00	1414	59
25-Jan-24 11:00:00	1413	35
10-Jan-24 06:00:00	1412	41
31-Jan-24 21:00:00	1410	40
14-Feb-24 17:00:00	1409	55
06-Jan-24 09:00:00	1408	42
10-Jan-24 18:00:00	1408	55

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
21-Feb-24 11:00:00	1408	33
09-Jan-24 21:00:00	1407	37
23-Dec-24 16:00:00	1407	65
02-Jan-24 17:00:00	1407	60
25-Jan-24 12:00:00	1407	38
25-Jan-24 18:00:00	1406	57
24-Jan-24 02:00:00	1406	49
21-Feb-24 22:00:00	1405	32
02-Jan-24 08:00:00	1405	40
24-Dec-24 12:00:00	1404	60
22-Feb-24 10:00:00	1404	44
08-Feb-24 08:00:00	1404	50
18-Jan-24 15:00:00	1404	60
25-Dec-24 11:00:00	1404	50
08-Jan-24 15:00:00	1403	38
24-Jan-24 23:00:00	1403	48
23-Dec-24 18:00:00	1403	65
22-Feb-24 19:00:00	1402	58
05-Mar-24 07:00:00	1402	69
08-Jan-24 13:00:00	1401	33
02-Jan-24 09:00:00	1401	57
18-Feb-24 21:00:00	1401	41
20-Feb-24 09:00:00	1400	36
19-Jan-24 20:00:00	1400	56
29-Jan-24 21:00:00	1399	47
25-Dec-24 07:00:00	1397	49
23-Dec-24 19:00:00	1395	64
24-Dec-24 18:00:00	1394	59
10-Jan-24 19:00:00	1393	53
24-Dec-24 15:00:00	1393	61
14-Feb-24 16:00:00	1393	53
08-Jan-24 19:00:00	1391	38
01-Feb-24 09:00:00	1391	36
03-Feb-24 17:00:00	1391	47
02-Mar-24 07:00:00	1391	70
30-Jan-24 22:00:00	1391	43
08-Mar-24 17:00:00	1391	69
25-Jan-24 13:00:00	1391	34
26-Feb-24 10:00:00	1390	59
09-Jan-24 09:00:00	1390	43
23-Jan-24 16:00:00	1390	50

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
08-Jan-24 14:00:00	1389	38
24-Dec-24 08:00:00	1389	62
26-Jan-24 21:00:00	1388	50
20-Feb-24 16:00:00	1388	34
19-Feb-24 06:00:00	1388	40
25-Jan-24 15:00:00	1388	48
05-Dec-24 08:00:00	1387	60
02-Jan-24 10:00:00	1387	51
14-Feb-24 11:00:00	1387	49
05-Jan-24 17:00:00	1387	54
09-Jan-24 07:00:00	1387	40
09-Jan-24 16:00:00	1386	41
01-Feb-24 06:00:00	1385	35
10-Jan-24 16:00:00	1385	53
02-Mar-24 08:00:00	1385	69
27-Feb-24 08:00:00	1384	55
25-Jan-24 19:00:00	1384	49
24-Dec-24 13:00:00	1383	60
08-Feb-24 07:00:00	1383	50
31-Jan-24 12:00:00	1383	53
14-Feb-24 10:00:00	1381	48
08-Mar-24 18:00:00	1381	68
22-Feb-24 05:00:00	1381	33
18-Jan-24 08:00:00	1380	53
29-Jan-24 15:00:00	1380	47
27-Jan-24 08:00:00	1380	39
08-Mar-24 16:00:00	1380	69
14-Feb-24 18:00:00	1380	60
25-Jan-24 06:00:00	1379	46
07-Feb-24 08:00:00	1378	53
18-Jan-24 22:00:00	1378	58
17-Jan-24 08:00:00	1378	48
04-Feb-24 17:00:00	1378	33
19-Feb-24 17:00:00	1378	35
02-Jan-24 18:00:00	1378	60
20-Feb-24 23:00:00	1377	31
26-Jan-24 11:00:00	1377	42
23-Dec-24 20:00:00	1377	60
27-Feb-24 07:00:00	1376	53
19-Feb-24 18:00:00	1376	36
24-Dec-24 14:00:00	1376	61

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
10-Jan-24 20:00:00	1375	53
29-Jan-24 14:00:00	1375	45
02-Jan-24 07:00:00	1375	37
01-Mar-24 22:00:00	1375	71
14-Feb-24 12:00:00	1375	50
10-Jan-24 11:00:00	1374	54
07-Jan-24 22:00:00	1374	28
10-Dec-24 08:00:00	1374	63
02-Jan-24 16:00:00	1374	44
21-Feb-24 04:00:00	1374	27
08-Feb-24 09:00:00	1374	50
22-Feb-24 20:00:00	1374	57
25-Dec-24 12:00:00	1374	50
02-Jan-24 11:00:00	1374	39
26-Feb-24 06:00:00	1373	65
05-Jan-24 16:00:00	1373	54
08-Jan-24 06:00:00	1373	33
22-Feb-24 16:00:00	1373	46
20-Feb-24 06:00:00	1373	41
26-Mar-24 07:00:00	1372	77
11-Mar-24 17:00:00	1372	66
25-Feb-24 19:00:00	1371	52
01-Mar-24 16:00:00	1371	75
19-Feb-24 09:00:00	1371	47
26-Jan-24 16:00:00	1371	47
05-Dec-24 07:00:00	1371	59
02-Jan-24 19:00:00	1370	60
08-Dec-24 17:00:00	1370	64
02-Mar-24 09:00:00	1369	69
10-Dec-24 17:00:00	1368	61
17-Jan-24 09:00:00	1368	48
24-Dec-24 19:00:00	1367	57
25-Jan-24 20:00:00	1367	48
23-Jan-24 23:00:00	1366	52
04-Feb-24 16:00:00	1366	34
17-Feb-24 17:00:00	1366	44
22-Jan-24 17:00:00	1366	60
20-Jan-24 17:00:00	1365	46
09-Feb-24 08:00:00	1365	48
18-Jan-24 09:00:00	1365	53
25-Jan-24 14:00:00	1365	41

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
27-Jan-24 09:00:00	1364	39
29-Jan-24 13:00:00	1364	39
22-Feb-24 11:00:00	1364	44
25-Feb-24 20:00:00	1364	52
02-Feb-24 08:00:00	1364	40
02-Mar-24 18:00:00	1364	72
20-Jan-24 11:00:00	1363	45
19-Feb-24 19:00:00	1363	37
04-Jan-24 17:00:00	1363	48
25-Feb-24 18:00:00	1363	52
11-Mar-24 09:00:00	1363	62
20-Jan-24 10:00:00	1362	49
14-Feb-24 09:00:00	1362	47
08-Feb-24 17:00:00	1362	55
24-Jan-24 00:00:00	1362	49
26-Mar-24 08:00:00	1362	78
02-Feb-24 09:00:00	1361	42
24-Jan-24 01:00:00	1361	49
11-Mar-24 08:00:00	1361	65
23-Jan-24 08:00:00	1361	50
11-Mar-24 16:00:00	1360	64
01-Mar-24 08:00:00	1360	69
31-Jan-24 22:00:00	1360	39
06-Feb-24 17:00:00	1360	57
18-Feb-24 16:00:00	1360	39
02-Mar-24 19:00:00	1360	69
03-Feb-24 16:00:00	1359	48
23-Jan-24 09:00:00	1359	49
01-Jan-24 17:00:00	1359	34
03-Feb-24 18:00:00	1359	47
20-Feb-24 10:00:00	1358	36
08-Jan-24 20:00:00	1358	37
29-Jan-24 12:00:00	1358	39
11-Mar-24 10:00:00	1357	62
20-Jan-24 09:00:00	1357	51
18-Jan-24 13:00:00	1357	59
15-Feb-24 17:00:00	1356	57
14-Feb-24 19:00:00	1356	61
17-Feb-24 18:00:00	1356	41
02-Mar-24 06:00:00	1356	71
29-Jan-24 11:00:00	1356	43

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
02-Mar-24 10:00:00	1356	69
22-Dec-24 17:00:00	1355	66
07-Feb-24 17:00:00	1355	56
08-Mar-24 19:00:00	1355	68
07-Feb-24 07:00:00	1355	54
09-Jan-24 10:00:00	1355	44
22-Jan-24 18:00:00	1355	59
22-Jan-24 08:00:00	1355	51
06-Jan-24 08:00:00	1355	42
21-Feb-24 12:00:00	1354	32
10-Dec-24 18:00:00	1354	61
05-Jan-24 18:00:00	1354	54
14-Feb-24 13:00:00	1354	51
21-Feb-24 23:00:00	1354	32
25-Jan-24 00:00:00	1353	45
11-Mar-24 18:00:00	1353	66
05-Mar-24 06:00:00	1353	69
21-Feb-24 03:00:00	1353	26
14-Feb-24 15:00:00	1352	52
18-Jan-24 14:00:00	1352	61
01-Jan-24 16:00:00	1352	34
08-Mar-24 15:00:00	1352	69
08-Feb-24 18:00:00	1352	55
10-Dec-24 07:00:00	1352	64
10-Feb-24 09:00:00	1352	57
07-Feb-24 09:00:00	1351	52
16-Feb-24 08:00:00	1351	45
23-Dec-24 12:00:00	1351	62
19-Feb-24 20:00:00	1350	37
11-Mar-24 11:00:00	1350	64
25-Jan-24 21:00:00	1350	48
21-Feb-24 00:00:00	1350	31
23-Jan-24 10:00:00	1350	49
10-Jan-24 21:00:00	1350	53
24-Dec-24 20:00:00	1349	57
19-Feb-24 16:00:00	1349	38
23-Dec-24 11:00:00	1349	61
09-Jan-24 22:00:00	1349	37
26-Feb-24 11:00:00	1349	59
22-Jan-24 19:00:00	1348	57
11-Mar-24 19:00:00	1348	66

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
29-Jan-24 08:00:00	1348	35
09-Feb-24 09:00:00	1348	47
18-Jan-24 12:00:00	1347	58
21-Feb-24 02:00:00	1347	26
08-Feb-24 10:00:00	1347	49
17-Jan-24 07:00:00	1347	48
23-Dec-24 13:00:00	1347	62
11-Jan-24 08:00:00	1347	49
23-Dec-24 15:00:00	1347	65
10-Dec-24 19:00:00	1347	62
02-Mar-24 11:00:00	1347	69
10-Feb-24 10:00:00	1346	54
04-Feb-24 18:00:00	1346	28
31-Jan-24 05:00:00	1346	53
08-Dec-24 16:00:00	1346	64
18-Jan-24 07:00:00	1345	53
20-Jan-24 18:00:00	1345	42
08-Dec-24 18:00:00	1345	64
18-Jan-24 11:00:00	1345	55
03-Feb-24 19:00:00	1345	47
16-Jan-24 08:00:00	1345	47
08-Mar-24 12:00:00	1345	72
18-Jan-24 10:00:00	1344	52
05-Mar-24 08:00:00	1344	69
23-Jan-24 11:00:00	1344	50
11-Jan-24 07:00:00	1344	50
21-Feb-24 01:00:00	1344	30
02-Feb-24 10:00:00	1343	43
15-Feb-24 16:00:00	1343	57
07-Feb-24 19:00:00	1343	62
29-Jan-24 09:00:00	1343	35
23-Dec-24 08:00:00	1343	64
02-Jan-24 20:00:00	1342	61
18-Feb-24 22:00:00	1342	41
08-Feb-24 19:00:00	1342	55
16-Jan-24 17:00:00	1342	59
07-Feb-24 20:00:00	1342	62
29-Jan-24 10:00:00	1342	37
19-Feb-24 10:00:00	1341	37
16-Feb-24 09:00:00	1341	49
23-Dec-24 21:00:00	1341	60

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
29-Jan-24 22:00:00	1341	46
15-Feb-24 18:00:00	1340	54
22-Feb-24 15:00:00	1340	39
22-Feb-24 12:00:00	1339	47
22-Feb-24 14:00:00	1339	40
15-Dec-24 17:00:00	1339	60
19-Jan-24 21:00:00	1339	55
14-Feb-24 14:00:00	1338	51
11-Mar-24 12:00:00	1338	65
02-Feb-24 07:00:00	1338	39
02-Jan-24 12:00:00	1338	39
05-Jan-24 19:00:00	1338	52
02-Mar-24 20:00:00	1338	69
10-Dec-24 20:00:00	1338	62
22-Feb-24 04:00:00	1337	31
07-Feb-24 18:00:00	1337	58
19-Feb-24 11:00:00	1337	28
17-Jan-24 10:00:00	1337	49
08-Mar-24 13:00:00	1336	72
26-Jan-24 22:00:00	1336	50
04-Feb-24 15:00:00	1336	34
20-Jan-24 12:00:00	1336	46
09-Jan-24 11:00:00	1336	44
06-Feb-24 16:00:00	1336	58
04-Dec-24 17:00:00	1335	57
08-Mar-24 14:00:00	1335	69
01-Jan-24 18:00:00	1335	34
03-Feb-24 11:00:00	1335	39
09-Feb-24 07:00:00	1335	49
05-Dec-24 17:00:00	1335	54
27-Jan-24 07:00:00	1335	39
30-Jan-24 23:00:00	1335	43
14-Jan-24 12:00:00	1334	44
26-Feb-24 19:00:00	1334	60
06-Feb-24 18:00:00	1334	57
27-Feb-24 09:00:00	1334	55
30-Jan-24 05:00:00	1333	36
08-Mar-24 11:00:00	1333	72
25-Feb-24 21:00:00	1333	52
17-Feb-24 19:00:00	1333	40
20-Jan-24 16:00:00	1333	46

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
26-Feb-24 18:00:00	1333	57
25-Dec-24 13:00:00	1333	50
02-Feb-24 17:00:00	1333	45
18-Feb-24 11:00:00	1333	46
19-Jan-24 05:00:00	1333	50
22-Feb-24 13:00:00	1332	39
07-Dec-24 17:00:00	1332	64
01-Mar-24 07:00:00	1332	69
01-Mar-24 09:00:00	1332	66
22-Dec-24 16:00:00	1332	66
20-Feb-24 11:00:00	1332	28
19-Feb-24 12:00:00	1332	31
01-Feb-24 10:00:00	1331	36
23-Dec-24 14:00:00	1331	64
04-Feb-24 09:00:00	1331	34
08-Dec-24 19:00:00	1331	64
04-Feb-24 19:00:00	1331	28
05-Dec-24 09:00:00	1331	61
16-Dec-24 08:00:00	1331	56
22-Jan-24 20:00:00	1331	54
26-Jan-24 05:00:00	1331	44
16-Jan-24 18:00:00	1330	58
04-Jan-24 16:00:00	1330	49
04-Jan-24 18:00:00	1330	48
22-Dec-24 18:00:00	1330	66
11-Mar-24 15:00:00	1330	58
23-Jan-24 15:00:00	1330	51
24-Dec-24 21:00:00	1330	55
03-Feb-24 10:00:00	1329	39
14-Dec-24 17:00:00	1329	62
23-Jan-24 07:00:00	1329	50
21-Feb-24 16:00:00	1329	27
09-Mar-24 19:00:00	1329	71
05-Feb-24 17:00:00	1329	51
26-Feb-24 17:00:00	1328	56
18-Feb-24 12:00:00	1328	46
17-Feb-24 16:00:00	1328	44
01-Jan-24 19:00:00	1328	34
01-Mar-24 23:00:00	1328	71
18-Feb-24 10:00:00	1328	46
22-Jan-24 07:00:00	1328	52

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
11-Mar-24 13:00:00	1327	66
09-Mar-24 18:00:00	1327	71
16-Jan-24 07:00:00	1327	46
08-Feb-24 11:00:00	1327	48
15-Feb-24 19:00:00	1327	53
11-Mar-24 20:00:00	1327	66
18-Jan-24 23:00:00	1326	57
14-Jan-24 13:00:00	1326	44
14-Feb-24 08:00:00	1326	46
04-Feb-24 12:00:00	1325	34
27-Jan-24 10:00:00	1325	39
08-Mar-24 09:00:00	1325	73
28-Jan-24 17:00:00	1324	35
23-Jan-24 12:00:00	1324	50
31-Jan-24 16:00:00	1324	45
28-Jan-24 11:00:00	1324	36
22-Feb-24 21:00:00	1324	55
01-Feb-24 17:00:00	1324	39
02-Feb-24 11:00:00	1324	35
24-Dec-24 07:00:00	1324	62
10-Dec-24 16:00:00	1324	61
18-Feb-24 09:00:00	1324	46
01-Mar-24 10:00:00	1323	59
10-Feb-24 08:00:00	1323	57
03-Feb-24 12:00:00	1323	40
15-Mar-24 08:00:00	1323	82
25-Jan-24 01:00:00	1323	44
13-Jan-24 17:00:00	1323	59
19-Feb-24 13:00:00	1323	31
25-Dec-24 06:00:00	1323	50
14-Feb-24 20:00:00	1323	61
08-Feb-24 16:00:00	1322	54
16-Jan-24 19:00:00	1322	58
26-Feb-24 12:00:00	1322	60
02-Mar-24 12:00:00	1322	69
04-Dec-24 18:00:00	1322	58
22-Feb-24 03:00:00	1322	32
04-Feb-24 11:00:00	1321	34
14-Jan-24 11:00:00	1321	44
18-Mar-24 11:00:00	1321	75
08-Mar-24 20:00:00	1321	68

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
08-Mar-24 10:00:00	1321	72
20-Feb-24 15:00:00	1321	31
07-Feb-24 10:00:00	1321	52
23-Dec-24 10:00:00	1320	59
04-Dec-24 19:00:00	1320	57
22-Jan-24 09:00:00	1320	52
09-Feb-24 10:00:00	1320	48
19-Feb-24 15:00:00	1319	39
10-Feb-24 11:00:00	1319	54
19-Feb-24 21:00:00	1319	37
16-Feb-24 07:00:00	1319	44
20-Jan-24 19:00:00	1319	40
01-Mar-24 11:00:00	1319	61
11-Mar-24 14:00:00	1319	60
08-Feb-24 20:00:00	1319	55
01-Mar-24 15:00:00	1319	75
18-Mar-24 10:00:00	1318	75
23-Dec-24 09:00:00	1318	62
04-Mar-24 19:00:00	1318	71
20-Dec-24 17:00:00	1318	65
14-Jan-24 17:00:00	1318	44
11-Mar-24 07:00:00	1318	65
04-Feb-24 14:00:00	1317	34
05-Jan-24 15:00:00	1317	57
07-Mar-24 18:00:00	1317	78
02-Feb-24 16:00:00	1317	45
28-Jan-24 12:00:00	1317	36
10-Jan-24 12:00:00	1317	53
05-Jan-24 20:00:00	1317	52
02-Mar-24 05:00:00	1317	71
04-Feb-24 13:00:00	1317	34
04-Dec-24 08:00:00	1317	60
02-Mar-24 17:00:00	1316	70
18-Mar-24 12:00:00	1316	74
28-Jan-24 10:00:00	1316	36
28-Jan-24 18:00:00	1316	36
09-Dec-24 17:00:00	1316	64
05-Dec-24 16:00:00	1315	53
18-Feb-24 15:00:00	1315	39
08-Mar-24 08:00:00	1315	74
10-Dec-24 09:00:00	1314	63

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
01-Feb-24 18:00:00	1314	39
03-Feb-24 20:00:00	1314	46
22-Feb-24 00:00:00	1314	32
14-Jan-24 16:00:00	1314	46
04-Jan-24 19:00:00	1314	48
16-Jan-24 20:00:00	1314	58
20-Jan-24 08:00:00	1314	51
02-Jan-24 15:00:00	1314	39
07-Mar-24 17:00:00	1314	77
01-Feb-24 05:00:00	1313	40
06-Feb-24 19:00:00	1313	57
26-Feb-24 20:00:00	1313	60
16-Dec-24 07:00:00	1313	59
17-Feb-24 09:00:00	1313	50
23-Jan-24 13:00:00	1313	50
25-Jan-24 22:00:00	1313	48
03-Feb-24 09:00:00	1313	39
10-Jan-24 05:00:00	1312	34
07-Mar-24 19:00:00	1312	78
04-Dec-24 07:00:00	1312	59
08-Jan-24 21:00:00	1312	37
16-Feb-24 10:00:00	1311	45
19-Feb-24 14:00:00	1311	34
26-Feb-24 16:00:00	1311	57
04-Dec-24 20:00:00	1311	54
03-Feb-24 15:00:00	1311	47
07-Dec-24 18:00:00	1310	64
22-Feb-24 02:00:00	1310	31
07-Feb-24 21:00:00	1310	62
04-Mar-24 20:00:00	1310	71
20-Feb-24 12:00:00	1310	31
03-Jan-24 17:00:00	1310	41
07-Feb-24 16:00:00	1310	56
02-Feb-24 12:00:00	1310	34
01-Feb-24 19:00:00	1310	39
09-Feb-24 17:00:00	1309	62
07-Jan-24 23:00:00	1309	27
17-Jan-24 11:00:00	1309	54
08-Dec-24 20:00:00	1309	63
18-Mar-24 09:00:00	1309	76
31-Jan-24 04:00:00	1309	52

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
25-Dec-24 14:00:00	1309	49
31-Jan-24 13:00:00	1309	53
04-Feb-24 10:00:00	1309	37
25-Dec-24 16:00:00	1309	50
15-Dec-24 18:00:00	1309	60
04-Feb-24 20:00:00	1308	28
29-Jan-24 07:00:00	1308	35
06-Feb-24 11:00:00	1308	54
02-Mar-24 00:00:00	1308	71
22-Dec-24 19:00:00	1308	65
09-Jan-24 12:00:00	1307	38
17-Feb-24 08:00:00	1307	49
23-Jan-24 14:00:00	1307	51
23-Mar-24 11:00:00	1306	73
16-Feb-24 18:00:00	1306	44
03-Feb-24 13:00:00	1306	45
23-Mar-24 10:00:00	1306	73
08-Dec-24 08:00:00	1306	64
15-Dec-24 19:00:00	1306	60
18-Feb-24 14:00:00	1306	39
15-Dec-24 16:00:00	1306	61
21-Feb-24 13:00:00	1306	32
28-Jan-24 16:00:00	1305	35
03-Feb-24 14:00:00	1305	47
11-Jan-24 09:00:00	1305	44
02-Feb-24 18:00:00	1305	45
09-Mar-24 17:00:00	1305	70
09-Feb-24 18:00:00	1305	51
10-Dec-24 21:00:00	1305	62
08-Mar-24 07:00:00	1304	73
20-Dec-24 18:00:00	1304	64
09-Mar-24 20:00:00	1304	71
17-Feb-24 20:00:00	1304	34
01-Jan-24 20:00:00	1304	34
19-Feb-24 05:00:00	1304	40
20-Dec-24 19:00:00	1304	63
15-Feb-24 15:00:00	1304	56
25-Jan-24 02:00:00	1304	44
18-Feb-24 13:00:00	1303	45
06-Feb-24 10:00:00	1303	56
31-Jan-24 23:00:00	1303	39

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
20-Jan-24 13:00:00	1303	47
20-Jan-24 15:00:00	1303	47
01-Jan-24 15:00:00	1303	34
07-Dec-24 16:00:00	1303	64
25-Feb-24 17:00:00	1302	52
15-Feb-24 11:00:00	1302	54
23-Mar-24 09:00:00	1302	73
22-Jan-24 21:00:00	1302	54
05-Feb-24 08:00:00	1302	40
15-Feb-24 10:00:00	1302	54
28-Jan-24 09:00:00	1302	36
14-Jan-24 10:00:00	1301	44
13-Jan-24 11:00:00	1301	50
22-Feb-24 01:00:00	1301	31
14-Dec-24 18:00:00	1301	61
27-Jan-24 18:00:00	1301	50
01-Mar-24 12:00:00	1300	69
09-Mar-24 09:00:00	1300	71
31-Jan-24 00:00:00	1300	43
14-Jan-24 14:00:00	1300	45
10-Jan-24 22:00:00	1300	54
04-Dec-24 16:00:00	1300	57
23-Dec-24 07:00:00	1300	65
02-Mar-24 21:00:00	1300	70
01-Jan-24 12:00:00	1300	39
25-Dec-24 15:00:00	1300	46
04-Mar-24 08:00:00	1300	66
05-Feb-24 18:00:00	1299	51
06-Feb-24 09:00:00	1299	57
15-Feb-24 20:00:00	1299	51
22-Jan-24 16:00:00	1299	58
15-Dec-24 20:00:00	1298	60
18-Mar-24 08:00:00	1298	76
05-Dec-24 18:00:00	1298	53
18-Mar-24 16:00:00	1297	69
02-Mar-24 04:00:00	1297	72
14-Dec-24 16:00:00	1297	62
15-Feb-24 12:00:00	1297	55
22-Dec-24 11:00:00	1297	63
05-Feb-24 09:00:00	1297	42
25-Jan-24 05:00:00	1297	46

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Jan-24 14:00:00	1297	57
13-Jan-24 18:00:00	1297	59
03-Jan-24 18:00:00	1296	41
21-Dec-24 10:00:00	1296	57
22-Dec-24 12:00:00	1296	63
23-Dec-24 22:00:00	1296	61
20-Jan-24 20:00:00	1295	40
02-Jan-24 13:00:00	1295	39
07-Dec-24 19:00:00	1295	65
27-Jan-24 19:00:00	1295	50
16-Feb-24 17:00:00	1295	44
28-Jan-24 19:00:00	1295	43
25-Jan-24 04:00:00	1295	45
15-Feb-24 09:00:00	1294	55
18-Mar-24 13:00:00	1294	73
19-Jan-24 04:00:00	1294	52
31-Jan-24 03:00:00	1294	52
08-Jan-24 05:00:00	1294	27
11-Dec-24 16:00:00	1294	66
09-Mar-24 10:00:00	1294	71
05-Jan-24 21:00:00	1294	52
25-Dec-24 17:00:00	1294	50
01-Jan-24 11:00:00	1294	40
25-Jan-24 03:00:00	1294	45
09-Dec-24 16:00:00	1294	64
02-Feb-24 15:00:00	1294	41
22-Dec-24 20:00:00	1294	65
11-Dec-24 08:00:00	1293	62
14-Jan-24 15:00:00	1293	49
07-Mar-24 20:00:00	1293	78
04-Mar-24 18:00:00	1293	71
24-Dec-24 22:00:00	1293	54
15-Feb-24 13:00:00	1292	55
13-Jan-24 12:00:00	1292	52
05-Dec-24 19:00:00	1292	49
02-Jan-24 21:00:00	1292	61
22-Dec-24 10:00:00	1292	63
29-Jan-24 23:00:00	1292	41
27-Jan-24 17:00:00	1292	51
16-Jan-24 09:00:00	1292	46
20-Feb-24 13:00:00	1292	28

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
26-Feb-24 13:00:00	1292	60
08-Feb-24 12:00:00	1292	48
18-Feb-24 23:00:00	1292	41
10-Mar-24 10:00:00	1291	70
10-Mar-24 09:00:00	1291	70
05-Jan-24 11:00:00	1291	58
07-Feb-24 11:00:00	1291	52
04-Mar-24 21:00:00	1291	71
15-Feb-24 14:00:00	1291	52
09-Feb-24 19:00:00	1291	56
28-Jan-24 13:00:00	1291	36
06-Feb-24 08:00:00	1291	57
16-Jan-24 21:00:00	1290	58
02-Feb-24 13:00:00	1290	37
26-Jan-24 12:00:00	1290	44
09-Jan-24 23:00:00	1290	37
05-Jan-24 12:00:00	1290	58
27-Jan-24 11:00:00	1290	39
18-Mar-24 17:00:00	1290	67
15-Mar-24 07:00:00	1289	82
05-Feb-24 16:00:00	1289	51
20-Jan-24 14:00:00	1289	50
21-Dec-24 09:00:00	1289	59
31-Jan-24 01:00:00	1289	49
16-Feb-24 19:00:00	1289	44
23-Feb-24 08:00:00	1289	25
01-Feb-24 20:00:00	1289	44
17-Feb-24 10:00:00	1289	50
20-Dec-24 20:00:00	1289	64
05-Jan-24 13:00:00	1288	57
16-Dec-24 17:00:00	1288	60
09-Feb-24 16:00:00	1288	59
27-Mar-24 07:00:00	1288	76
31-Jan-24 02:00:00	1288	52
05-Feb-24 10:00:00	1288	44
09-Mar-24 08:00:00	1288	69
15-Mar-24 09:00:00	1287	82
16-Dec-24 09:00:00	1287	56
01-Jan-24 14:00:00	1287	34
09-Feb-24 11:00:00	1287	48
04-Jan-24 20:00:00	1287	47

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
09-Mar-24 11:00:00	1287	72
21-Dec-24 11:00:00	1287	57
02-Mar-24 03:00:00	1287	72
20-Dec-24 16:00:00	1287	65
19-Jan-24 00:00:00	1287	57
08-Feb-24 06:00:00	1286	51
16-Jan-24 16:00:00	1286	59
02-Mar-24 01:00:00	1286	71
09-Dec-24 18:00:00	1286	64
05-Jan-24 10:00:00	1286	55
18-Mar-24 14:00:00	1285	72
13-Jan-24 10:00:00	1285	50
05-Dec-24 10:00:00	1285	61
13-Jan-24 16:00:00	1285	55
05-Jan-24 09:00:00	1285	53
27-Feb-24 10:00:00	1285	54
08-Dec-24 09:00:00	1285	64
06-Feb-24 20:00:00	1285	57
11-Mar-24 21:00:00	1285	66
22-Dec-24 09:00:00	1284	59
17-Dec-24 08:00:00	1284	58
22-Dec-24 13:00:00	1284	63
01-Feb-24 11:00:00	1284	37
06-Jan-24 07:00:00	1284	42
21-Jan-24 17:00:00	1284	45
02-Mar-24 02:00:00	1284	71
02-Jan-24 14:00:00	1283	38
02-Feb-24 19:00:00	1283	45
20-Feb-24 14:00:00	1283	25
07-Mar-24 16:00:00	1283	77
10-Jan-24 15:00:00	1283	51
02-Feb-24 14:00:00	1283	43
18-Mar-24 15:00:00	1283	69
30-Jan-24 04:00:00	1283	36
08-Feb-24 21:00:00	1282	55
27-Jan-24 20:00:00	1282	52
23-Feb-24 07:00:00	1282	30
01-Jan-24 13:00:00	1282	35
26-Jan-24 04:00:00	1282	41
11-Dec-24 09:00:00	1282	64
27-Feb-24 06:00:00	1282	52

Time	IIS Demand (MW)	NP Hydraulic Generation (MW)
05-Feb-24 19:00:00	1281	51
03-Feb-24 21:00:00	1281	44
06-Feb-24 12:00:00	1281	55
13-Feb-24 17:00:00	1280	41
04-Dec-24 21:00:00	1280	51
03-Jan-24 16:00:00	1280	41
09-Jan-24 15:00:00	1280	39
01-Feb-24 04:00:00	1280	40
14-Jan-24 18:00:00	1280	44
11-Dec-24 07:00:00	1280	61
19-Jan-24 03:00:00	1279	54
17-Feb-24 11:00:00	1279	50
14-Dec-24 19:00:00	1279	60
26-Feb-24 21:00:00	1279	58
03-Jan-24 19:00:00	1278	41
21-Jan-24 19:00:00	1278	46
26-Jan-24 23:00:00	1278	46
Average (MW)	**1367**	**51**

Exhibit 16

Effective Load Carrying Capability Study

newfoundland labrador hydro

Newfoundland and Labrador Hydro
Hydro Place. 500 Columbus Drive
P.O. Box 12400. St. John's. NL
Canada A1B 4K7
t. 709.737.1400 I f. 709.737.1800
nlhydro.com

December 9, 2025

Board of Commissioners of Public Utilities
Prince Charles Building
120 Torbay Road, P.O. Box 21040
St. John's, NL A1A 5B2

Attention: Jo-Anne Galarneau
Executive Director and Board Secretary

Re: *Reliability and Resource Adequacy Study Review* – Effective Load Carrying Capability Study

Please find enclosed Newfoundland and Labrador Hydro's Effective Load Carrying Capability Study, provided in accordance with the 2024 Resource Adequacy Plan Settlement Agreement.[1]

Should you have any questions, please contact the undersigned.

Yours truly,

NEWFOUNDLAND AND LABRADOR HYDRO

Shirley A. Walsh
Senior Legal Counsel, Regulatory
SAW/kd

Encl.

ecc:

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Ryan Oake
Board General

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[1] "2025 Build Application – Bay d'Espoir Unit 8 and Avalon Combustion Turbine," Newfoundland and Labrador Hydro, March 21, 2025, sch. 2.

Evaluating Effective Load Carrying Capability

Overview

December 9, 2025

A report to the Board of Commissioners of Public Utilities

newfoundland labrador hydro

Contents

List of Attachments

1.0 Context within the RRA Study Review

Newfoundland and Labrador Hydro ("Hydro") filed the initial Reliability and Resource Adequacy Study ("RRA Study") with the Board of Commissioners of Public Utilities ("Board") in November 2018 ("2018 Filing").[1] Since the 2018 Filing, throughout the continued *Reliability and Resource Adequacy Study Review* proceeding ("*RRA Study Review*"), Hydro has filed regular updates to the RRA Study, including numerous technical notes, additional studies, and third-party reports. The regulatory record for this proceeding is robust, with good reason. The provincial electrical grid is in the midst of unprecedented change—it is evolving from an isolated to an interconnected system, some of the assets the province has historically relied on most are aging and nearing retirement, there are significant new assets integrated into the electrical system and being proven reliable, and the province is facing an increase in demand driven by electrification.

Hydro's most recent study submitted to the Board on July 9, 2024, is its 2024 Resource Adequacy Plan,[2] containing Hydro's recommended Minimum Investment Required Expansion Plan. Subsequent to filing its 2024 Resource Adequacy Plan, Hydro and its experts participated in a series of technical conferences in the fall of 2024 with Board staff and intervening parties, along with their experts. These technical conferences provided an opportunity for fulsome discussion and enhanced understanding of Hydro's *RRA Study Review* and Expansion Plans. As a result of these proceedings, Hydro and the Intervenors gained consensus on a number of issues ("Settled Issues") which were enumerated in a Settlement Agreement.[3] The Settled Issues include agreement that the recommendation to build a new 150 MW unit at Bay d'Espoir (Unit 8) and a 150 MW Combustion Turbine ("CT") on the Avalon Peninsula ("Avalon CT") is appropriate as part of the first step in addressing the requirements for additional capacity for the Island Interconnected System, and applications for these projects should be filed for evaluation. In line with the Settled Issues, Hydro filed its 2025 Build Application for both of these assets in March 2025; the regulatory proceeding is ongoing.

[1] "Reliability and Resource Adequacy Study," Newfoundland and Labrador Hydro, rev. September 6, 2019 (originally filed November 16, 2018).
[2] "2024 Resource Adequacy Plan – An Update to the Reliability and Resource Adequacy Study," Newfoundland and Labrador Hydro, rev. August 26, 2024 (originally filed July 9, 2024).
[3] "2025 Build Application – Bay d'Espoir Unit 8 and Avalon Combustion Turbine ("2025 Build Application")," Newfoundland and Labrador Hydro, March 21, 2025, sch. 2.

The *RRA Study Review* has included numerous rounds of requests for information and technical conferences, providing ample discourse and exchange of information between Hydro, the Board, and the parties.

In the coming years and decades, beginning with the recommended assets within its Minimum Investment Required portfolio, Hydro will have to make significant investments to maintain its legislative obligation of the provision of safe, least-cost, reliable electrical service in an environmentally responsible manner to the province.[4] As such, through the *RRA Study Review*, Hydro is modelling its system expansion in consideration of various forecast scenarios and within the context of continuously evolving energy policy. The numerous studies that Hydro has completed and planned are all necessary to validate and justify the information that Hydro inputs into its models, which produce critical information on which timely, prudent decisions are to be made.

While the enclosed study provides valuable, necessary information, it cannot and should not be considered independent of the rest of the studies and analyses ongoing through the *RRA Study Review*. Rather, the study is an input that will—along with other studies completed and ongoing—inform Hydro's broader system resource planning process now and into the future.

2.0 Background

The growing penetration of variable renewable resources, such as wind and solar, and energy-limited resources, such as battery storage in other jurisdictions, has highlighted the importance of capturing the interaction between variable, energy-limited, and other firm resources in the context of system planning. The Effective Load Carrying Capability ("ELCC") is a method for capacity accounting to meet resource adequacy. The ELCC Study, provided as Attachment 1, was performed by Energy and Environmental Economics, Inc. ("E3") to determine the ELCC values for wind, solar, and battery storage, as it applies to the Island Interconnected System. These values, along with a characterization of the system's future resource adequacy needs, are important inputs into the resource planning process.

The ELCC is derived from loss-of-load probability modeling by translating system performance under a wide range of load, weather, and hydro conditions into resource-specific adequacy values. These values are dynamic and can change as resource penetration increases and as the mix of resources on the Island

[4] *Electrical Power Control Act*, 1994, SNL 1994, c E-5.1, s 3(b)(iii).

Interconnected System changes. By using an ELCC-based methodology for wind, solar, and battery storage, Hydro can more accurately assess future reliability risk and resource contributions to meet the Island's reliability requirements.

The ELCC Study used E3's Renewable Energy Capacity Planning Model ("RECAP")[5] to conduct Loss of Load Probability modelling and calculate ELCC values for all resources, including existing, planned, and future resource options, to quantify their contribution towards resource adequacy for the Island Interconnected System. The study focuses primarily on the Island Interconnected System in the reference year of 2032, as it is expected that the retirement of aging thermal assets will have occurred prior to this year.

The purpose of this overview is to provide a high-level summary of E3's findings and recommendations, as well as Hydro's planned next steps.

3.0 ELCC Study Results

3.1 Solar

Solar resources were found to contribute very little to system adequacy. As shown in Table 1, a representative 20 MW solar project provides 2.2 MW of firm capacity.

Table 1: Generic Solar ELCC

Resource	Nameplate Addition (MW)	Cumulative Capacity Value (MW)	Marginal ELCC[6] (%)
Generic Solar	20	2.2	11

The modest contribution of solar is not unexpected due to the low solar capacity factor of 14% on the Island and the misalignment between midday solar output and early morning or evening winter peaking period. For the Island Interconnected System, solar has a limited role in supporting reliability requirements.

[5] RECAP is a loss-of-load probability model developed by E3 that is used to assess the reliability of electricity system portfolios. The model is designed to evaluate the resource adequacy of electrical power systems, including systems with high penetrations of renewable energy and other resource dispatch-limits such as hydropower, energy storage, and demand response.

[6] Marginal ELCC rate is slightly lower than the cumulative ELCC rate as the effectiveness of the Battery Energy Storage System decreases with each installation.

3.2 Wind

Wind resources were found to contribute substantially higher resource adequacy contributions, as wind generation can more often overlap with morning and/or evening peak demands. As shown in Table 2, a representative 50 MW wind project provides 22 MW of firm capacity.

Table 2: Generic Wind ELCC

Resource	Nameplate Addition (MW)	Cumulative Capacity Value (MW)	Marginal ELCC[6] (%)
Generic Wind	50	22	43

It is important to note that as wind penetration increases, the marginal ELCC steadily declines, which is depicted in Figure 1.

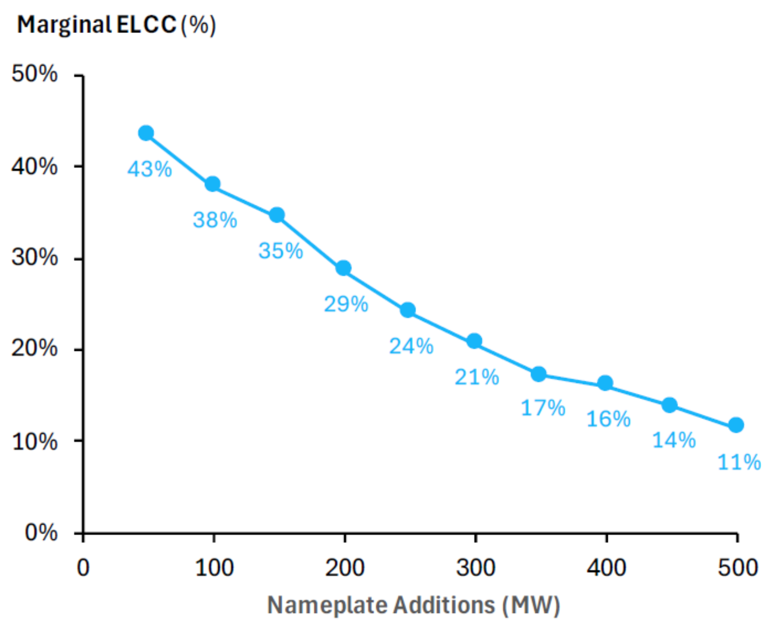


Figure 1: Wind Marginal ELCC

As wind penetration increases to 100 MW, the marginal ELCC decreases from 43% to 38%. This pattern continues as wind penetration increases, resulting in a marginal ELCC of only 11% after 500 MW of wind is added to the Island Interconnected System. The decline is attributed to how, even with a degree of geographic diversity, additional turbines can experience similar wind patterns. On this basis, a larger wind fleet could be simultaneously exposed to a low-wind event during a period of high demand. The result is a diminishing capacity benefit as more turbines are added.

3.3 Storage Resources

The ELCC Study focused on the incremental capacity value of battery storage for 4-hour and 8-hour durations. As shown in Table 3, a representative 4-hour 50 MW battery storage project provides approximately 20 MW of firm capacity; whereas an 8-hour 50 MW battery storage project provides approximately 27 MW of firm capacity.

Table 3: Generic Battery ELCC

Resource	Nameplate Addition (MW)	Cumulative Capacity Value (MW)	Marginal ELCC[6] (%)
4-hr Battery Storage	25	11	43
4-hr Battery Storage	50	20	37
8-hr Battery Storage	25	15	59
8-hr Battery Storage	50	27	50

Similar to wind penetration, as the penetration of battery storage increases, the marginal ELCC declines for both 4-hour and 8-hour options, which is depicted in Figure 2.

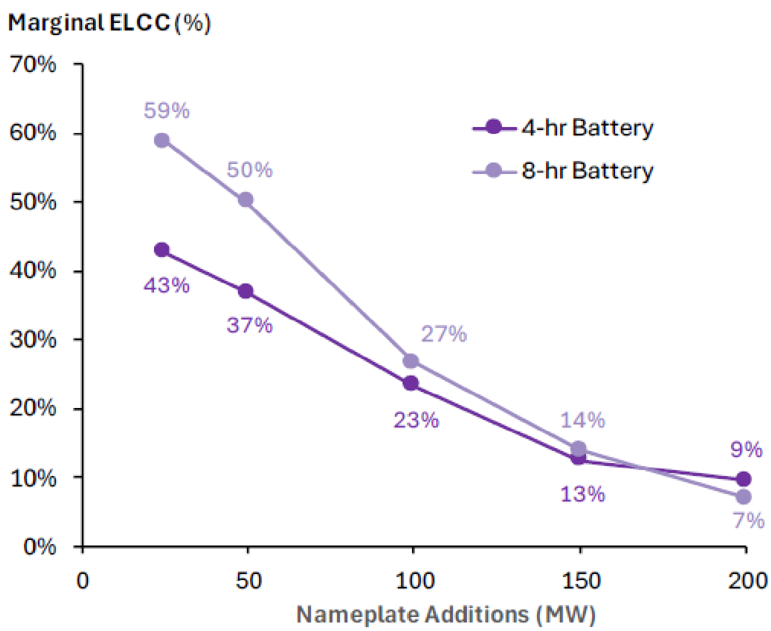


Figure 2: Battery Storage Marginal ELCC

Highlighting the 4-hour storage option, as battery penetration increases from 50 MW to 100 MW, the marginal ELCC substantially declines from 37% to 23%. This pattern continues as battery penetration increases, resulting in a marginal ELCC of only 9% after 200 MW of 4-hour battery storage has been added to the Island Interconnected System.

The 8-hour storage options perform better than 4-hour storage options at low penetrations, with the marginal ELCC increasing from 37% to 50% at 50 MW penetration. This is due to the longer duration of storage, enabling the storage to cover more of the system's higher-risk hours (i.e., peak periods), allowing the battery to more effectively support system reliability. The increase in the marginal ELCC of 8-hour storage over 4-hour storage decreases significantly as penetration increases, and there is no significant benefit once penetration reaches 150 MW.

3.4 Complementary Interactions Between Wind and Storage

The combined capacity value of an entire portfolio is interdependent, as changes to the penetration of one resource affect the capacity value of other resources. Therefore, the ELCC Study calculated the incremental ELCCs for different combinations of wind and battery storage resources to determine the potential interaction effects between these two resources. The results showed a small complementary interaction when combining the two resources. This is shown in Table 4 which includes the cumulative incremental ELCC resulting from each combination of wind and storage option. As the penetration of either resource increases, the total capacity contribution of the incremental resources also increases, reflecting their additional reliability contribution to the Island Interconnected System.

Table 4: Cumulative ELCC (MW) from Combinations of Incremental Wind and Storage Resources

		Incremental 4-hour Storage Capacity (MW)					
		0	25	50	100	150	200
Incremental Wind Capacity (MW)	0	-	11	20	32	38	43
	50	22	33	42	53	60	64
	100	41	53	62	73	80	84
	150	58	70	79	92	99	104
	200	72	85	95	109	118	123
	250	84	98	109	125	135	141
	300	95	109	121	138	150	157
	350	103	117	130	150	164	172
	400	111	126	138	159	175	186
	500	124	139	152	173	191	206

The quantity of the benefit can be calculated from the table above by comparing how much additional effective capacity is provided by each increment of installed capacity within each step.[7]

As an example, if 200 MW of wind capacity and 50 MW of storage capacity were added to the system, the resultant ELCC would be 95 MW. However, 200 MW of wind generation on its own would have an ELCC of 72 MW and 50 MW of storage on its own would have an ELCC of 20 MW, for a total of 92 MW. This implies that there is a 3 MW reliability benefit that can be attributed to the complementary interactions between the two technologies, in this example.

4.0 Comparison to the 2024 Resource Adequacy Plan

4.1 Wind

The calculated ELCC for wind resources as determined by E3 differs from the ELCC value for wind that was used in Hydro's 2024 Resource Adequacy Plan and the 2025 Build Application, which assumed 22% ELCC for wind resources.[8] There are a number of key distinctions between the two studies that result in this difference:

- **Different Models:** E3 uses RECAP, and the prior study used Hydro's own reliability model in PLEXOS. The main difference between the two is the sampling for wind profiles—the former preserves the correlation between load condition and wind generation, while the latter draws profiles randomly.
- **Different Test Year:** The prior study measured ELCCs for two existing wind farms in 2024. This study explores incremental ELCCs for similar wind turbines in a nearby location and assumes they are operated in 2032. The disparity in study year alone makes this current study not directly comparable due to shifts in loads and resources.
- **Increased Weather Variability:** The prior study uses one hourly load profile for a base weather year, whereas this study uses eight weather years. This increase in weather years ensures a more complete representation of weather-dependent wind performance during challenging periods.

[7] For further information, please refer to "Newfoundland & Labrador Hydro ELCC Study – Evaluating Effective Load Carrying Capability," Energy+Environmental Economics, November 2025, p. 34, Tables 9 and 10.
[8] This analysis was initially completed in the "2018 Reliability and Resource Adequacy Study," Newfoundland and Labrador Hydro, re. September 6, 2019 (originally filed November 16, 2018), vol.I, att.6, and expanded upon in the "2019 Reliability and Resource Adequacy Study," Newfoundland and Labrador Hydro, November 15, 2019, vol. I, att. 1.

- **Labrador-Island Link ("LIL") Forced Outage Rate ("FOR"):** The prior study used a LIL bipole FOR of 0.0114% (equivalent to 1 hour per year), whereas this study uses a EqFOR[9] of 5%. This has significant implications on the outage profile in the model (specifically, timing of the most resource needs) and the ELCC results.[10]
- **Increased Stochasticity:** In addition to the increased weather variability, this study captures a wider range of plausible load, hydro, and wind combinations by explicitly mapping hydro availability to load and resource performance across the full set of simulated scenarios.

While all of these factors result in a higher incremental ELCC for wind in this study, the largest contributing factor for generation requirements on the Island Interconnected System is due to the retirement of Holyrood Thermal Generating Station ("Holyrood TGS") and the increased reliance on the LIL. By the year 2032, the most loss-of-load risk occurs during the winter period, coinciding with LIL outages.

The reduction in wind ELCC contribution does not impact the capacity resource options identified in the recommended Minimum Investment Required Expansion Plan. The first large capacity resource option (Bay d'Espoir Unit 8) is required in 2031 to meet the planning reserve margin requirements, and the second large capacity resource option (Avalon CT) is advanced to 2031 to mitigate the loss of load associated with a potential LIL shortfall event. The LIL shortfall analysis is not impacted by changes to ELCC contribution.

4.2 Storage Resources

The 2024 Resource Adequacy Plan included expansion plan sensitivities with 4-hour duration batteries with an assumed battery ELCC of 40%, 60%, and 80% to capture a potential ELCC range.[11] The Expansion Model selected batteries for capacity when assigned an ELCC of 60% to 80%; however, under the Reference Case and Slow Decarbonization load forecasts, the model did not select batteries when the ELCC applied was 40%. Therefore, there is no impact on the recommended Minimum Investment Required Expansion Plan.

[9] Equivalent Forced Outage Rate ("EqFOR").
[10] E3 simulated LIL EqFORs of 1% and 3% as sensitivities to this analysis, and there was no discernible difference compared to a LIL EqFOR of 5% in the calculation of ELCCs.
[11] "2024 Resource Adequacy Plan – An Update to the Reliability and Resource Adequacy Study," Newfoundland and Labrador Hydro, rev. August 26, 2024 (originally field July 9, 2024), app. C.

5.0 Conclusion and Next Steps

The ELCC Study provided observations and calculated ELCC values for solar, wind, storage, and a combination of wind and storage, which will help Hydro's long-term resource planning process. The key findings include:

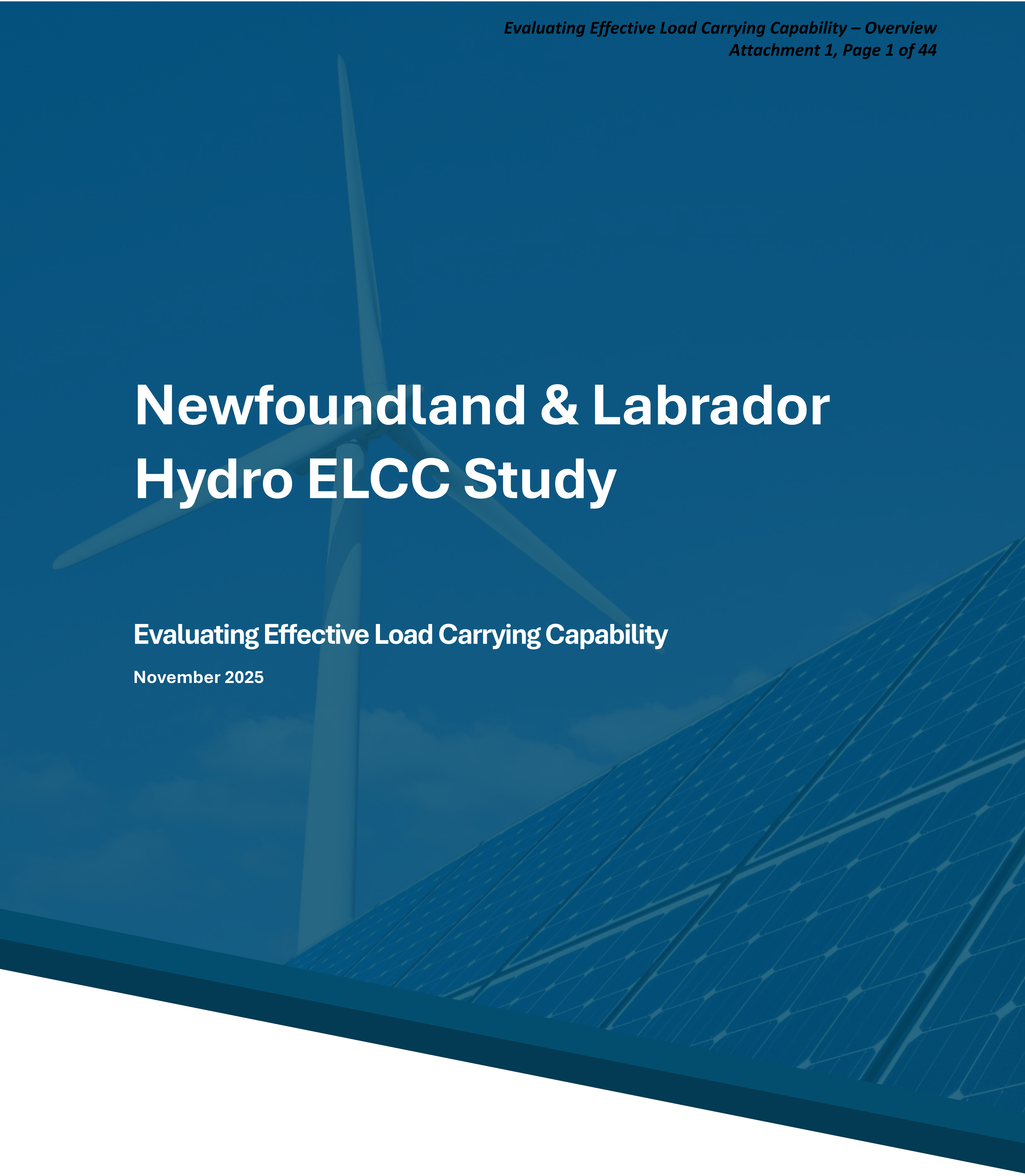
- **As the Island Interconnected System enters a period of major grid transformation, the periods of greatest reliability risk are expected in cold winter, early mornings and evenings.** E3 modelled grid resource adequacy in 2032, a time characterized by retiring assets, new resource additions, and rising electricity demand. The planned retirement of the Holyrood TGS in 2030 will create the need to develop new sources of energy and capacity. The periods of highest risk in the Hydro system are expected to be early winter mornings and evenings, during the times of the highest winter heating loads.
- **Wind generation produces significant reliability benefits for the system.** The high availability of wind generation during the winter peak period aligns well with the periods of greatest reliability risk. As a result, the marginal ELCC for wind begins in the mid-40% and declines with increasing penetration as reliability risks shift towards periods of lower wind output.
- **Solar Generation does not provide significant reliability benefits to the system.** In contrast to wind, given the poor alignment between peak solar generation (in the midday in the spring and summer) and highest system risk (early morning and evenings in the winter), the ELCC value for solar is lower, at approximately 11%.
- **Energy storage provides significant reliability benefits to the system at low penetration, but this declines quickly as penetration increases.** Hydro has significant generation from flexible hydro and significant demand response contracts, both of which have antagonistic effects when combined with storage. As a result, the incremental capacity value provided by storage is meaningfully lower than its full nameplate value (i.e., about 43% after the first 25 MW of 4-hour storage and 59% after the first 25 MW of 8-hour storage). These results are lower than those typically seen in thermal-dominated systems. At higher levels of storage deployment, as reliability risks extend over longer durations, the marginal ELCC values decline significantly as penetration increases.

The values and results developed in the ELCC Study are intended to inform Hydro's planning process and the next Resource Adequacy Plan.

Attachment 1

Newfoundland & Labrador Hydro ELCC Study: Evaluating Effective Load Carrying Capability

Energy and Environmental Economics, Inc.



Newfoundland & Labrador Hydro ELCC Study

Evaluating Effective Load Carrying Capability

November 2025

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Acronym Definitions

Acronym	Definition
RA	Resource Adequacy
CAISO	California Independent System Operator
ELCC	Effective Load Carrying Capability
EUE	Expected Unserved Energy
EV	Electric Vehicle
ICAP	Installed Capacity
ISO	Independent System Operator
LOLE	Loss of Load Expectation
LOLH	Loss of Load Hours
LOLP	Loss of Load Probability
NERC	North American Electric Reliability Corporation
NREL	National Renewable Energy Laboratory
PLEXOS	A Commercial Energy Systems Modeling Software
PRM	Planning Reserve Margin
RECAP	An Energy Systems Modeling Software for LOLP Modeling
RRA	Reliability and Resource Adequacy Study
UCAP	Unforced Capacity

Executive Summary

Newfoundland and Labrador's electricity system is in a period of major transition, marked by new transmission, evolving generation resources, and ongoing efforts to reduce reliance on aging thermal generation. Over the coming decade, the region also anticipates load growth, driven by new industrial developments and the electrification of transportation, heating, and other end uses. At the same time, Newfoundland and Labrador Hydro (NL Hydro) is preparing for the retirement of key thermal assets and the need to integrate new sources of clean energy and capacity to maintain reliability.

In this context, NL Hydro engaged E3 to estimate the effective load carrying capability (ELCC) of prospective resources on the provincial grid. These ELCC results provide critical inputs to NL Hydro's long-term planning process, supporting the identification of a least-cost, reliable portfolio of resources. This study builds on the modeling completed for NL Hydro's 2024 Resource Adequacy Plan and will inform subsequent planning and procurement efforts, including the utility's Energy and Capacity Expression of Interest (EOI) and future Request for Proposal (RFP) processes.

Key Questions

This study assesses the ELCC values of the NL Hydro system using E3's Renewable Energy Capacity Planning (RECAP) model. RECAP is a loss-of-load-probability model developed by E3 that has been used extensively to test the resource adequacy of electric systems across the North American continent, including in California, Atlantic Canada, the Pacific Northwest, the Upper Midwest, Texas, New York, and Florida. RECAP is designed to address the needs of a changing electricity sector by incorporating the unique characteristics of dispatch-limited resources such as wind, solar, hydro, battery storage, and demand response into the traditional reliability framework.

Specifically, this study analyzed two key questions:

1. What are the periods of greatest reliability risk on the Island Interconnected System in 2032?
2. How effective are different resources—including wind, solar, and storage—in meeting this reliability need in 2032?

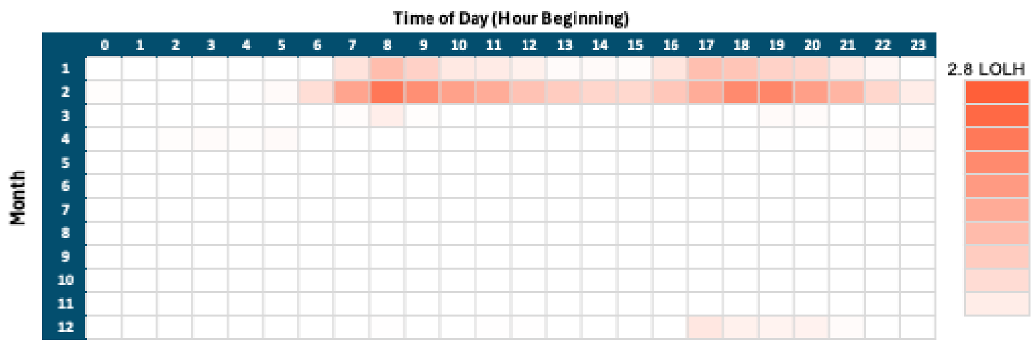
Key Findings

The report generated the following key findings related to the NL Hydro system.

1. **As Newfoundland and Labrador enter a period of major grid transformation, the periods of greatest reliability risk are expected in cold winter early mornings and evenings.** E3 modeled grid resource adequacy in 2032, a time characterized by retiring assets, new resource additions, and rising electricity demand. The planned retirement of the Holyrood Thermal Generating Station, the province's largest thermal plant, around 2030 will create the need to

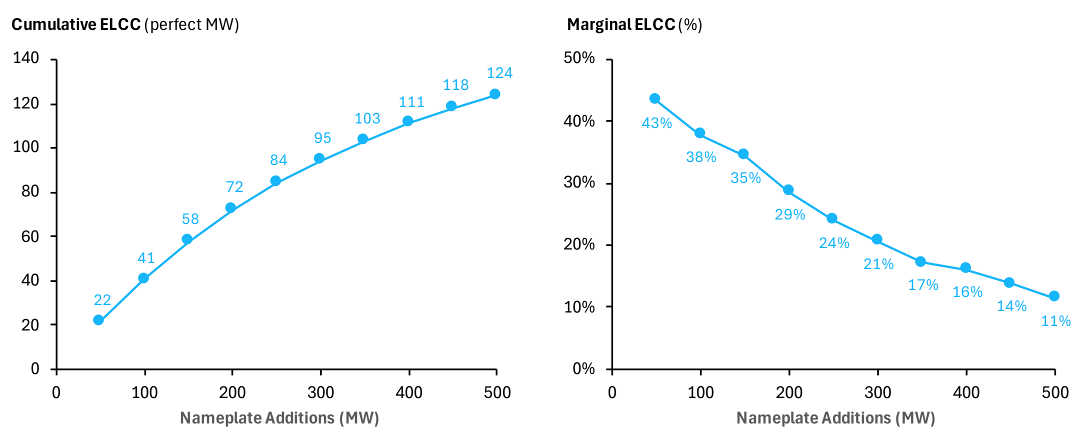
develop new sources of energy and capacity. At the same time, shifts in consumer behavior, industrial growth, and evolving climate policies are expected to accelerate electricity demand, emphasizing the need for careful planning to maintain reliability. As shown in the chart below, the periods of highest risk in the NL Hydro system are expected to be early winter mornings and evenings, during the times of the highest winter heating loads.

ES Figure 1. Relative Loss of Load Probability in 2032 by Month and Hour of the Day



2. **Given the winter-peaking system, wind generation can play an important role in meeting Newfoundland & Labrador's resource needs.** Given high availability during the winter net peak period, the marginal ELCC for wind begins in the mid-40% and declines with increasing penetration as reliability risks shift towards periods of lower wind output. In contrast, given the poor alignment between peak solar generation (in the midday) and highest system risk (early morning and evenings), the ELCC value for solar is lower (about 11%).

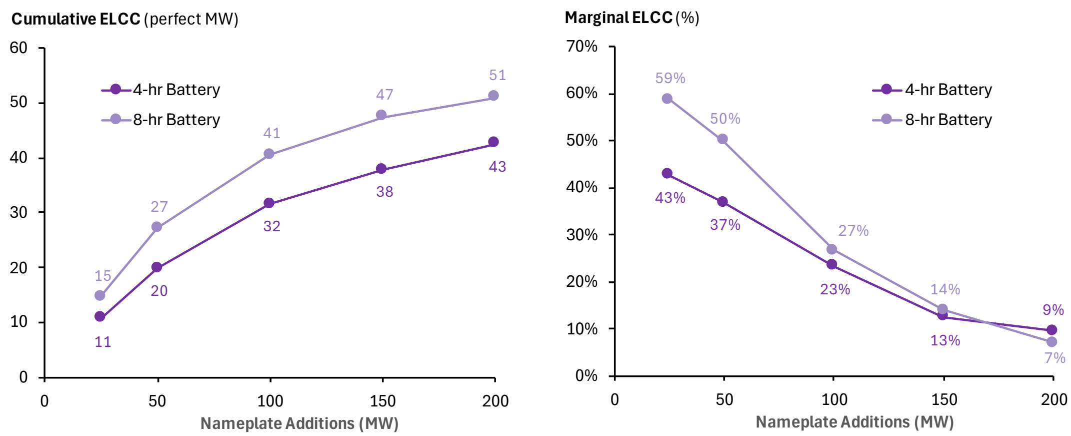
ES Figure 2. Cumulative and Marginal ELCCs for Wind Resources, on top of 2032 Existing and Planned Resource Portfolio



3. **Energy storage may also play a role in meeting NL Hydro's resource adequacy needs, reflected in ELCC values from 40-60% in initial tranches.** New energy storage can charge from surplus hydro generation and discharge during peak periods. However, due to the flexibility of existing hydro generation as well as the province's extensive demand response

programs, the incremental capacity value provided by storage is meaningfully lower than its full nameplate value, i.e., about 43% for the first 25 MW of 4-hour storage and 59% for the first 25 MW of 8-hour storage. At higher levels of storage deployment, as reliability risks extend over longer durations, the marginal ELCC values decline further. These results are lower than in thermal-dominated systems, reflecting the storage capability already provided by Newfoundland and Labrador's flexible hydro resources and the 130+ MW of demand response already in the portfolio.

ES Figure 3. Cumulative and Marginal ELCCs for Storage Resources, on top of 2032 Existing and Planned Resource Portfolio



4. **The Labrador–Island Link (LIL), a 700 MW high voltage transmission asset from Muskrat Falls, provides a key source of capacity and reliability to the NL Hydro Island system.** Commissioned in April 2023, this asset is relatively new but represents the single largest source of energy to the island. From a reliability perspective, the modeling considered the physical system limits and operational uncertainties of this major transmission line, particularly during the coldest winter months when the system is more constrained. The Labrador Island Link (LIL) delivers large volumes of hydroelectric energy from Muskrat Falls to the island but like any asset, incurs some reliability risk due to its operational uncertainty. A hypothetical outage on this single transmission link could create system-wide adequacy challenges, particularly during winter peaks. This dependence on a single asset influences the types of resources that can provide complementary contributions to the Island's reliability needs.

The values and results developed in this study are intended to inform NL Hydro's planning process for the next Reliability and Resource Adequacy study. At the same time, this study is subject to limitations, many of which are associated with limited operational experiences with newer assets, including both the LIL and new renewable generation. As the system evolves, it will be important to proactively evaluate emerging risks and determine whether updates to the analysis are necessary to address specific challenges. Given limited operational experience with both the LIL and new renewable generation, it will be important to monitor and collect data on these resources to obtain increasingly robust assessments of their performance under a range of system conditions.

1. Introduction

1.1 Background & Context

NL Hydro engaged E3 to support a study estimating the effective load carrying capability (ELCC) of potential candidate resources on the Newfoundland and Labrador grid. These values, along with a characterization of the system's future resource adequacy needs, are critical inputs to the planning process, which enables the utility to identify a least-cost, reliable portfolio of resources. Like utilities across North America, NL Hydro is anticipating meaningful load growth in the coming decade, driven both by new industrial projects and by electrification of end uses such as transportation and residential heating. At the same time, NL Hydro is expecting to reduce its reliance on aging thermal generation. To meet growing demand while continuing to deliver reliable electricity to customers, new resource additions are likely to be required. This study builds on the modeling work conducted in NL Hydro's 2024 Resource Adequacy Plan. These findings supplement that work and provide input to NL Hydro's Energy and Capacity Expression of Interest (EOI) and expected subsequent Request for Proposal (RFP) process to inform future procurement.

Leveraging industry best practices for resource adequacy modeling, including reliance on loss of load probability (LOLP) modeling, this study first identifies periods of highest reliability risk for the NL Hydro Island grid at a system loss of load expectation (LOLH) target of 2.8 hours per year. It then evaluates how much accredited capacity a range of variable and energy-limited resources can contribute to that requirement using an ELCC methodology. ELCC modeling requires simulation across hundreds of combinations of system conditions, allowing for the identification of periods of greatest reliability risk due to adverse weather, hydrological constraints, or transmission outages, and thereby enabling an accurate characterization of the capacity value of different resources.

1.1.1 Key Reliability Considerations for Newfoundland and Labrador

Over the coming decade, the NL Hydro system will undergo transformations driven by the evolution of both supply and demand changes. On the supply side, Holyrood Thermal Generating Station (Holyrood TGS), the largest thermal plant in the province, is planned to retire around 2030 and be replaced by new sources of energy and capacity. Concurrently, changing consumer behavior, industrial developments, as well as evolving climate change policies, have all accelerated demand for electricity, leading to heightened reliance on the system's grid infrastructure. The Newfoundland Island system also faces unique reliability challenges due to its reliance on a single major transmission line, the Labrador Island Link, that delivers hydroelectric generation from Labrador.

Ensuring ongoing resource adequacy in this dynamic period will be essential to supporting customers. This study evaluates system reliability metrics on the Island grid of the NL Hydro system for the year 2032, reflecting the recently proposed and expected capacity resource additions and planned retirements. Throughout the assessment, several key dynamics and features of the NL Hydro system and reliability challenges guide the analysis, including:

- **Thermal retirement:** Retirement of major thermal resources such as the Holyrood Thermal Generating Station reduces the amount of firm capacity on the grid. This plant has historically played a key role in meeting peak demands and supplying winter baseload energy, and its retirement will leave a gap to be addressed by new energy and capacity resources.
- **Uncertain load growth:** Increasing rates of electric vehicle adoption coupled with new industrial projects (e.g., mining loads) could introduce step changes in demand that are both large and uncertain, complicating the timing and scale of resource needs.
- **Increasing reliance on transmission:** The Labrador Island Link (LIL) delivers large volumes of hydroelectric energy from Muskrat Falls to the island but also introduces reliability risks due to its operational uncertainty. Outages on this single transmission link can quickly create system-wide adequacy challenges, particularly during winter peaks. This dependence on a single asset has impact on what type of resource can contribute the most to reliability needs.
- **Integration of renewables and storage:** New wind, solar, and battery portfolios are expected to play a larger role in meeting future needs. Their contribution to adequacy depends on both penetration levels and the timing of their output relative to system risk periods. In a hydro-dominated system, their interactions with reservoir operations may complicate their dependable capacity rating[1].
- **Extreme weather impact:** As a winter-peaking system, NL Hydro must plan for periods of cold temperatures that can simultaneously extend peak demand periods for heating and reduce renewable output, particularly wind. These multi-day events can stress system resources beyond typical peak hours, requiring resources that can ramp up and dispatch for long periods.

In this context, ELCC provides a natural extension of traditional reliability planning tools. Derived from loss-of-load probability modeling, ELCC translates system performance under a wide range of load, weather, and hydro conditions into resource-specific adequacy values. These values are dynamic: they change as resource penetrations increase and as the mix of system resources evolves. For NL Hydro, adopting an ELCC-based methodology offers a more accurate and flexible foundation for assessing future reliability risks and resource contributions.

Ultimately, this study will give NL Hydro a clearer picture of how different resources can contribute to system adequacy. These insights will inform both near-term procurement decisions and longer-term resource planning, ensuring NL Hydro is well-positioned to meet future load reliably and cost-effectively.

1.1.2 Report Overview

The remainder of this report is organized into the following sections:

[1] The process of assigning a resource's ELCC value or dependable capacity can also be referred to as "capacity accreditation".

- **Section 2 (Modeling Approach)**: Provide an overview of the RECAP model and describes how it was customized to reflect the specific conditions of the NL Hydro system.
- **Section 3 (Modeling Inputs and Assumptions):** Document the key inputs and assumptions used in the RECAP loss-of-load-probability modeling.
- **Section 4 (Modeling Results and Discussion):** Focuses on the year 2032, presenting the reliability challenges NL Hydro may face and the ELCC analysis results for different resource types, indicating their potential reliability contributions to the island grid.

1.2 Resource Adequacy Overview

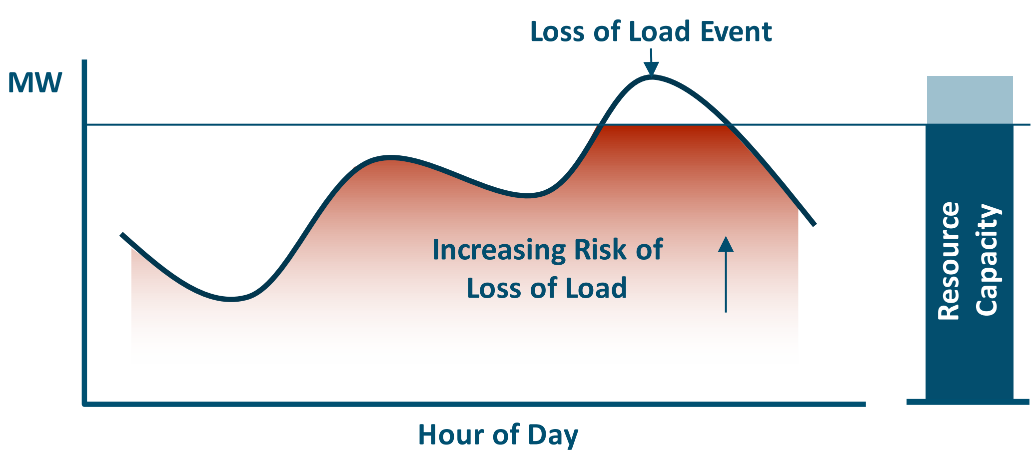
1.2.1 Defining Resource Adequacy

"Resource adequacy"[2] is the ability of an electric power system to provide sufficient generation to meet loads across a broad range of weather and system operating conditions, subject to a long-run reliability standard that limits the frequency of shortfalls to very rare instances. The resource adequacy of a system thus depends on the characteristics of its load—seasonal patterns, weather sensitivity, hourly patterns—as well as its resources—size, dispatchability, outage rates, and other factors that may limit their availability. Ensuring resource adequacy is an important goal for utilities seeking to provide reliable service to their customers. The chart below illustrates a type of loss-of-load event driven by high load demand where resource capacity is insufficient to serve load.

NERC Definition of Resource Adequacy

"The ability of the electric system to supply the aggregate electrical demand and energy requirements of the end-use customers at all times, taking into account scheduled and reasonably expected unscheduled outages of system elements."

Figure 1. Illustration of a Loss of Load Event Due to Insufficient Generation

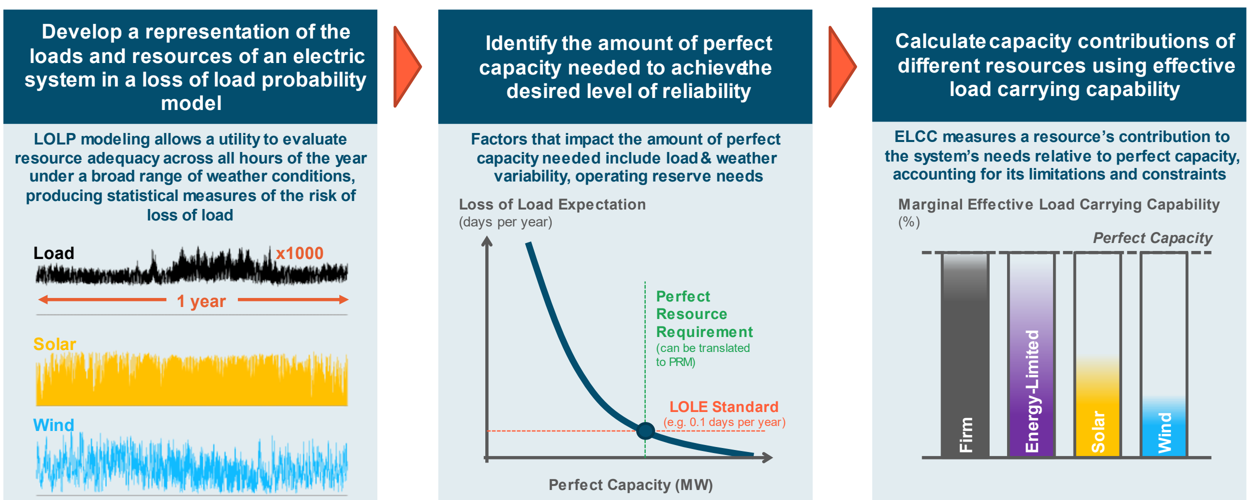


[2] https://www.nerc.com/globalassets/standards/reliability-standards/glossary_of_terms.pdf

1.2.2 Introduction to RA Best Practice Framework

The growing penetration of variable renewable resources (whose output is constrained by intermittency) and energy-limited resources (whose production is constrained by duration) is challenging the traditional planning reserve margin approach long used to ensure resource adequacy, underscoring the need to design the system to perform under the most constrained operating conditions. With improved understanding of these challenges and innovations in probabilistic methods designed to capture the interaction between variable and energy-limited resources, utilities and program administrators have begun modernizing their resource adequacy planning practices (see Figure 2 below)[3].

Figure 2. Three Foundational Pillars Underpinning a Robust Approach to Resource Adequacy



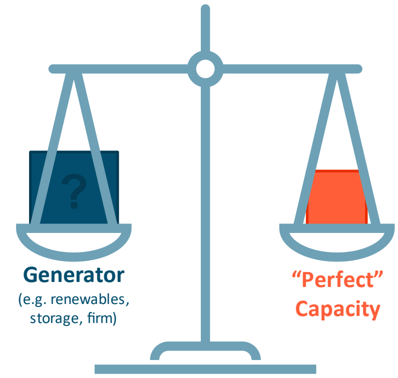
The robust framework for resource adequacy requires three components:

1. Development of a **loss-of-load-probability (LOLP) model** that can simulate the availability of loads and resources on an hourly basis across a wide variety of weather conditions to identify periods in which an electricity system is vulnerable to reliability risks;
2. Derivation of a **total capacity requirement** that reflects the amount of "perfect capacity" needed to achieve an acceptable standard of reliability; and
3. Application of an **effective load carrying capability (ELCC)** accounting framework to measure the contribution of each resource (or portfolio of resources) towards the total capacity requirement. Under a critical period framework, ELCC will be determined on a marginal basis (marginal ELCC), which can also be understood as representing its expected performance during critical periods. The use of marginal accreditation is important to

[3] More detail on these challenges, and on a framework that formalizes and advances emerging methods for evaluating resource adequacy needs, is provided in E3's white paper, Resource Adequacy for the Energy Transition: A Critical Periods Reliability Framework and its Applications in Planning and Markets: https://www.ethree.com/wp-content/uploads/2025/08/E3_Critical-Periods-Reliability-Framework_White-Paper.pdf

ensure efficient capital investment by accurately capturing the marginal value of additional resource investments.

Figure 3. Effective Load Carrying Capability (ELCC) as a Measure for Resource Accreditation



A resource's ELCC is a measurement of the amount of perfect capacity that providesan equivalent reliability benefit to the system

Within this framework, the capacity value assigned to each resource (or portfolio of resources) is determined using an ELCC methodology, which relies on the same LOLP modeling techniques to determine the amount of perfect capacity that provides an equivalent value to system reliability. Properly applied, an ELCC-based framework for capacity accreditation naturally accounts for the oft-cited complications that arise as high levels of renewables are integrated, including the "shift to the net peak," the need to account for energy sufficiency as well as capacity, and the saturation effects and diversity benefits that accrue to portfolios of variable and energy-limited resources. ELCC is therefore broadly viewed as the cornerstone of a robust approach to capacity accreditation and has quickly gained widespread usage within the industry.

The ELCC method has emerged as the preferred metric for capacity accounting to meet resource adequacy for multiple reasons:

- **ELCC is determined directly from the LOLP analysis utilized to calculate the planning reserve margin (PRM) requirement, reflecting a resource's contribution to a specified statistical standard.**

As a derivative of the LOLP modeling used to calculate need, ELCC captures a resource's performance across a wide range of system conditions. This ensures that the estimation of capacity contributions is robust across a wide distribution of potential outcomes, including infrequent tail events (e.g., higher load and lower renewable output than expected) that are the primary drivers of reliability challenges.

- **ELCC provides a technology-agnostic framework for the measurement of resources' reliability contributions, offering an economically efficient signal for new resource investment.**

This approach therefore puts all resources on a level playing field and ensures equitable treatment among them as well as accurate measurement of their contributions to reliability at the margin. A resource with an ELCC of 1 MW has the same contribution toward resource adequacy, regardless of whether that capacity contribution comes from solar PV, wind, energy storage, natural gas, or coal.

- **ELCC directly accounts for complex interactive effects between different resources in the portfolio, including saturation effects that occur when the penetration of a single resource increases and the diversity benefit attendant to complementary resources.**

ELCC naturally accounts for both the saturation effects that occur as one type of resource is added to the system in increasing quantities and the interactive effects between different types of technologies to provide a comprehensive, accurate measurement of the contribution of dispatch-limited resources to the system. These dynamics are crucial to consider in planning a reliable system that relies heavily on renewable and storage resources.

In practice, the same qualities that make ELCC the most robust method for measuring capacity contribution also make it a complex method to apply. The simplest example of an application of ELCC is in the context of a vertically integrated utility that is responsible for meeting its own resource adequacy requirement with a single portfolio of resources. For such a utility, accrediting capacity value to individual resources is not strictly necessary—what matters is whether the utility's total portfolio meets its total needs. In this case, the application of ELCC may reasonably rely directly on the two "measurable" ELCC values: portfolio and marginal. Both are directly useful to the utility:

+ To assess whether a given combination of resources is sufficient to meet a utility's resource needs, the **portfolio (or cumulative) ELCC** provides a measure of the combined capacity contribution of all resources in its portfolio.
+ To evaluate potential resource additions, the **marginal ELCC** for each resource provides a measure of how much that resource will increase the total ELCC of the utility's portfolio, offering a means of comparing the relative capacity value of resource alternatives to identify the least-cost resource among a discrete set of options.

Together, these two constructs can allow a utility to simultaneously ensure the reliability of its existing portfolio of resources and make economically efficient decisions in the procurement of new capacity resources to meet incremental need.

2. Modeling Approach

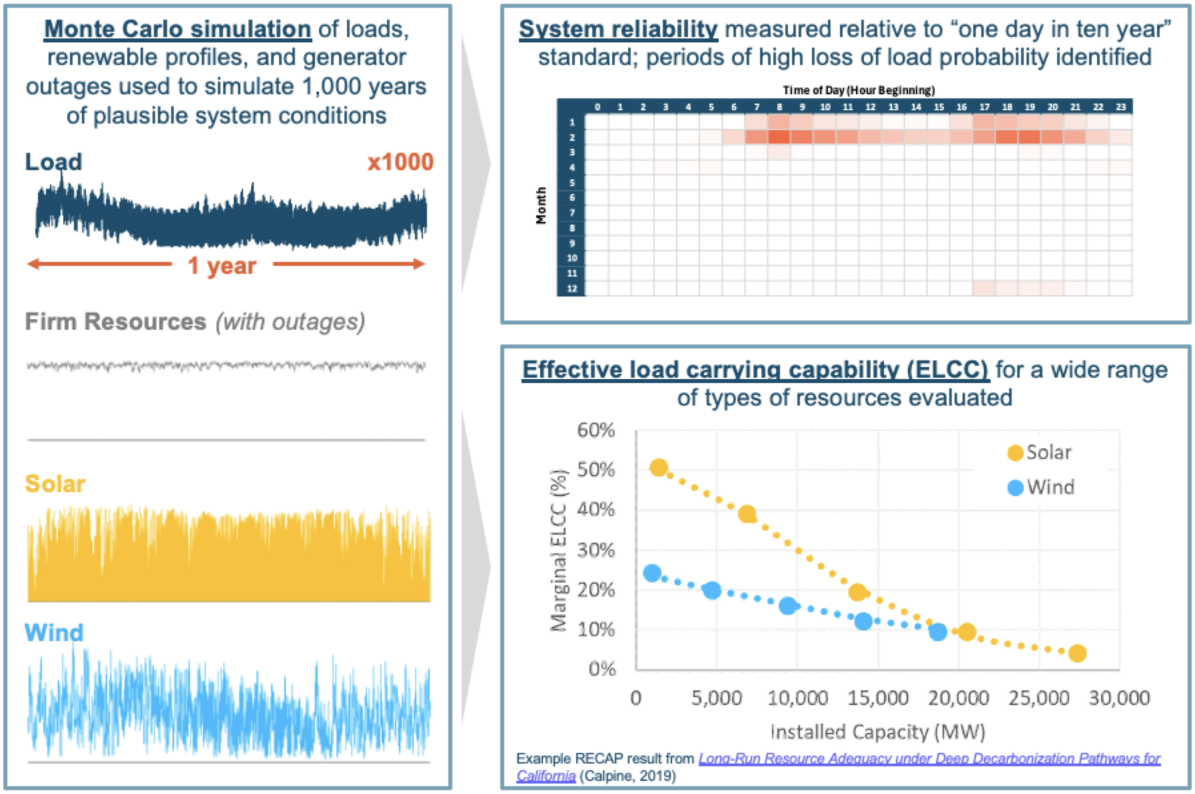
This study uses E3's **Renewable Energy Capacity Planning (RECAP)** model to conduct LOLP modeling and calculate ELCC values for potential future resources, which quantifies their contribution towards Resource Adequacy requirements in the Interconnected System (Island). The study focuses primarily on the NL Hydro system in 2032, as it is expected that all retirements of thermal assets will occur prior to this date.

2.1 RECAP Overview

RECAP is a loss-of-load-probability model developed by E3 that is used to assess the reliability of electricity system portfolios, and has been used extensively across North America, including in California, Hawaii, Atlantic Canada, New York, the Pacific Northwest, the Desert Southwest, the Upper Midwest, Florida, and many other jurisdictions. The model is designed to evaluate the resource adequacy of electric power systems, including systems with high penetrations of renewable energy and other dispatch-limited resources such as hydropower, energy storage, and demand response.

RECAP evaluates resource adequacy through time-sequential simulations of hundreds of years of plausible system conditions to calculate a statistically significant measure of several important system reliability metrics, like the planning reserve margin required to achieve a target loss-of-load standard, and individual resource contributions to system reliability, measured through their effective load carrying capability. RECAP also includes stochastic forced outages of thermal plants and time-sequentially tracks demand response and storage state of charge. The modeling framework is built around capturing correlations among weather, load, and renewable generation. RECAP calculates these metrics by simulating electricity system resource availability with a specific set of generating resources and loads under a wide variety of weather-years, renewable generation-years, and stochastic forced outages of generation resources. By simulating the system thousands of times through Monte Carlo analysis with different combinations of these factors, RECAP provides a statistically significant estimation of loss of load expectation (LOLE, LOLH, or EUE). An overview of the RECAP model is shown in Figure 4.

Figure 4. Overview of RECAP Model



2.1.1 RECAP Model Inputs

In order to perform each step in the model described above, RECAP requires data on the characteristics of loads and the resources available to serve those loads. These are listed in Table 1. The primary focus of this study is the Island Interconnected System. A more detailed description of how the data is customized and used in NL Hydro's RECAP modeling is described in Section 2.2.

Table 1. RECAP Data Requirements

<table>
<tr><th>Category</th><th colspan="2">Metric</th></tr>
<tr><td rowspan="2">Load</td><td colspan="2">Historical hourly load for multiple weather years</td></tr>
<tr><td colspan="2">Operating reserve requirements</td></tr>
<tr><td rowspan="4">Dispatchable Generation</td><td colspan="2">Installed capacity</td></tr>
<tr><td rowspan="2">Forced outage rate (FOR)</td><td>Mean time to failure (MTTF)</td></tr>
<tr><td>Mean time to repair (MTTR)</td></tr>
<tr><td colspan="2">Maintenance schedules</td></tr>
<tr><td rowspan="2">Renewable Generation</td><td colspan="2">Nameplate capacity</td></tr>
<tr><td colspan="2">Historical hourly generation profiles for many weather years</td></tr>
</table>

Hydro Generation (Large Reservoir Hydro)	Monthly MWh budget availability from many hydro years
	Maximum output & sustained peaking limits
Hydro Generation (Small Run-of-River Hydro)	Simulated generation profile for many hydro years
	Maximum output
Demand Response	Maximum capacity
	Maximum # of calls per week/month/year
	Maximum duration of each call
LIL Imports	Energy Absorption Limit based on hourly loads and ML flow
	Generation Profile at Muskrat Falls
	Forced outage rate (FOR)
Other Transmission	Maritime Link export to NS

2.1.2 RECAP Model Outputs

After all resources have been dispatched in the model for load plus operating reserves, the model aggregates that remaining loss of load events to calculate various reliability statistics for the system including LOLE, LOLH, LOLEV, and EUE. The model then assesses whether the achieved reliability of the system for a specific metric (for example, LOLH) is greater or less than the target metric (for example, 2.8 LOLH) and then uses an iterative tuning process to add or remove firm capacity from the system in order to achieve the target level of reliability.

Once the system has reached target reliability, ELCC can be calculated for either existing or new candidate resources. The calculation is a three-fold process:

1. The LOLH for the electric system without target resources is simulated. If the resulting LOLH does not match the specified reliability target, the system is “adjusted” to meet the target reliability standard (e.g. 2.8 hours/yr). This adjustment occurs through the addition (or removal) of a perfect capacity resource to achieve the desired reliability standard.
2. Target resource is then added to the system and the LOLH is recalculated. This will result in a reduction in the system’s LOLH, as the amount of available generation has increased.
3. Perfect capacity resources[4] are removed from the system until the LOLH returns to the specified reliability target. The amount of perfect capacity removed from the system represents the ELCC of target resource (measured in MW); this metric can also be translated to a percentage value by dividing by the installed capacity of the specified resource. (i.e. average ELCC)

[4] A perfect capacity resource is an ideal generator that is available in all hours at full capacity. ELCC for a perfect capacity resource is 100%. It’s used as a reference to measure how much a resource contributes to system reliability.

Figure 5. Overview of ELCC Approach

1
Calibrate existing system to target LOLH standard
If necessary, add or remove "perfect capacity" to achieve target standard

2
Add desired resource to portfolio
Addition of new source of generation will decrease LOLH relative to measurement in Step 1

3
Remove perfect capacity until target LOLH is restored
Removal of perfect capacity results in increase in LOLH until original target is met

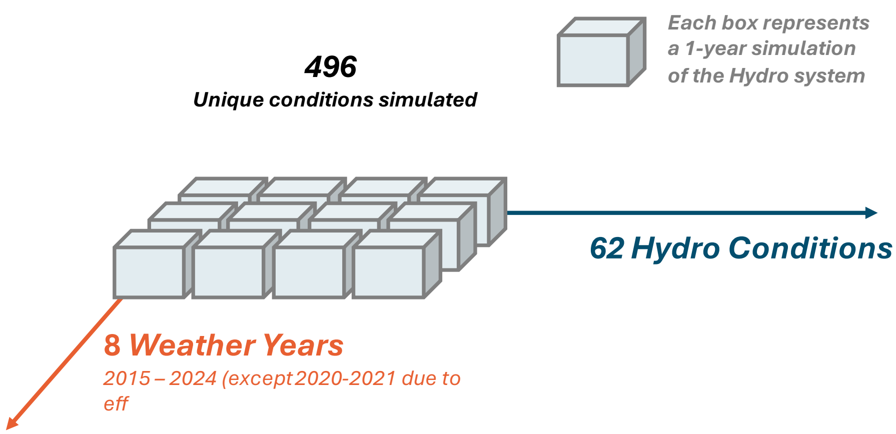
A resource's ELCC is equal to the amount of perfect capacity removed from the system in Step 3

This methodology ensures that the ELCC of a resource corresponds to its contribution towards resource adequacy. By simulating the NL Hydro system across a wide range of weather years and hydrology conditions, RECAP captures the variable generation pattern of resources and quantifies their contribution towards resource adequacy by measuring its substitutability for perfect capacity.

2.2 Detailed Modeling Methodology for NL Hydro System

To capture reliability risks across multiple dimensions of the system, RECAP is used to simulate the NL Hydro system across a combination of weather years and hydro years. Load shaping and renewable profiles are developed consistently within each weather year, while the hydro assets dispatch is evaluated against different hydro years with varying hydrological conditions. Importantly, the model structure matches each hydro year with each weather year over the different horizon, ensuring that it evaluates all possible hydro conditions against realistic weather scenarios. Figure 6 illustrates the characteristics and length of simulation, which are also discussed in more detail below.

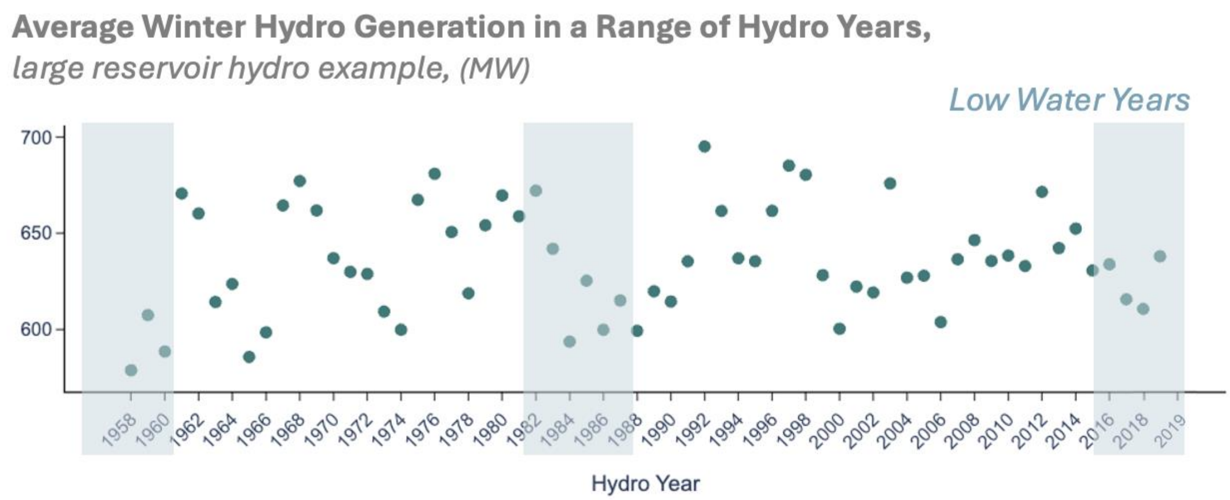
Figure 6. RECAP Weather Year & Hydro Condition Simulation Illustration



2.2.1 Island Hydro Assets Dispatch

Hydro assets production in RECAP was modeled using a long history of simulated generation data provided by NL Hydro, covering the period from 1958 to 2019 (62 years). These simulations, developed in the Vista model,[5] are based on historical hydrological records and capture the variability of inflows across the province's hydro systems. Certain periods stand out as extended drought sequences that affected both large reservoirs and smaller hydro units—for example, 1958–1961 and 1984–1988. By incorporating this full hydrological record, RECAP ensures that hydro modeling reflects the potential variability in wet or dry conditions across multiple hydro years.

Figure 7. Vista Simulated Hydro Generation by Hydro Year



E3 modeled hydro resources within two categories: flexible and non-flexible assets. **Flexible resources** are large reservoir hydro facilities with sufficient storage and operational flexibility to adjust generation on an hourly basis in response to system needs. In RECAP, these resources are modeled with varying monthly energy budgets, allowing them to ramp up or down as needed. This representation better reflects how large storage reservoirs are operated in practice, enabling the model to capture their role in meeting peak demands and responding to reliability events. Bay d'Espoir and Cat Arm are examples of flexible resources, given their large reservoirs and operational flexibility.

Note that in Vista simulations, hydro units are dispatched economically to meet load, which means they are not always operated at their maximum available capacity. However, these units are technically capable of ramping above simulated dispatch levels up to their nameplate capacity for extended periods if needed. To address this limitation in the Vista dataset input, this study assumed certain flexible resources (Bay d'Espoir, Cat Arm, Granite Canal, Hinds Lake, Upper Salmon) could produce at their maximum nameplate rating for all hours in critical winter periods (January and February). This assumption allows the units to provide their full contribution during potential loss-

[5] NL Hydro used Vista model in 2024 Resource Adequacy Plan to generate forecast of average hydraulic generation across historical years.

of-load events. This maximum was held constant across all hydro years for these two months, while the remainder of the year continues to reflect the variation in monthly budgets derived from the historical simulations.

Non-flexible resources include small hydro facilities with minimal storage or run-of-river conditions that offer limited operational flexibility. RECAP represents these resources with fixed generation profiles derived from simulated historical production. This conservative assumption constrains their output to observed patterns, ensuring their contribution to the system is captured without overstating their dispatchability.

Due to the resolution limits in historical simulations, the generation profiles for non-flexible hydro resources were constructed assuming flat generation throughout each day of a given month, based on simulated monthly output from Vista. This produced profiles that vary across months but remain constant within each month, reflecting seasonal production pattern while acknowledging their limited capability to adjust output within shorter timeframes.

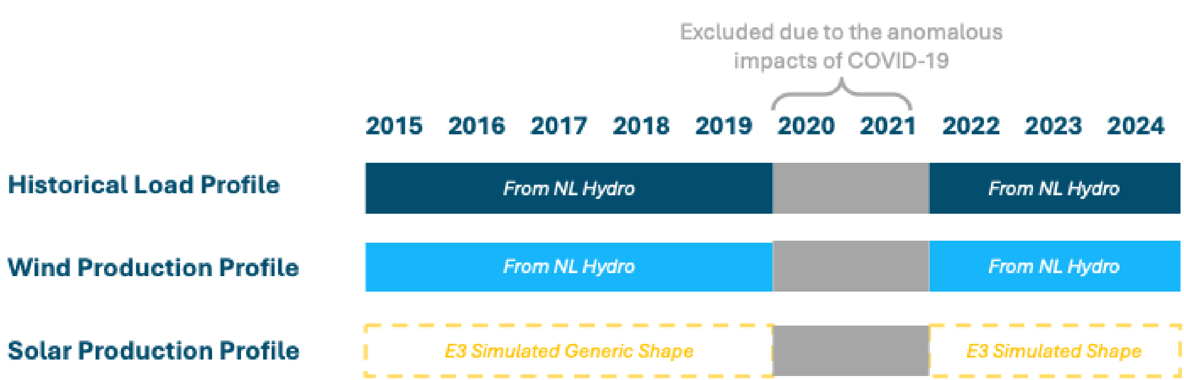
Finally, stochastic outages are simulated randomly for both flexible and non-flexible hydro resources. For larger plants with multiple units, outages are modeled at the unit level to more accurately represent how partial outages may affect system reliability.

2.2.2 Load and Renewable Profile Development

This study relied on historical time-synchronous load and renewable (especially wind) profiles from 2015-2024 in the simulation. These historical records capture both the range of variability of each as well as the key correlations between them, which is a necessary step in resource adequacy modeling.

For load, given the anomalous impacts of COVID-19, this study excluded the years 2020 and 2021, while the remaining years formed the basis of the load shapes. For wind, hourly production data from two existing wind farms on the NL Hydro grid were used, with only the years overlapping the selected load years included in the simulation. For solar, where historical data is not available, a representative island-based annual production profile was developed and then applied across all weather years.

Figure 8. Load and Renewable Profile Input Summary



2.2.3 Storage and Demand Response

Currently, the NL Hydro system has a substantial number of demand response programs, which can provide important load flexibility during reliability challenges. Dedicated energy storage (e.g., lithium-ion batteries) has not yet been deployed, but is also anticipated to become an important addition going forward. In order to accurately capture the energy limitations these resources have in terms of the duration and frequency with which they can provide energy to the electricity system, they are dispatched in a time-sequential way in RECAP over the entire time horizon.

When it is needed, demand response resources can be called in the model for a limited number of times over a defined time period, mirroring existing programs. For example, a demand response program may sign up customers with the promise that they will only need to curtail their load up to 10 times per year. RECAP models demand response with both limits on the number of times that a resource can be called in a given period and a maximum duration of a response when a customer responds to a call.

Similarly, storage resources are dispatched for the purposes of reliability such that they only discharge energy to avoid or mitigate a potential loss of load event after all other resources, including demand response programs, have been utilized. Conversely, storage will charge from any available resource if its state of charge is less than 100% and there is available generation in the electricity system not being used to serve load or provide operating reserves. While this mode of storage operation may not be how storage is predominantly used on a day-to-day basis for economics, the model represents it this way to ensure full representation of its potential resource adequacy contributions, under the assumption that the system operator will likely have sufficient foresight into a potential reliability event (e.g. weather forecast of very cold weather) and will modify the charge and discharge schedule in order to ensure maximum reliability value from the storage resource. Storage is modeled using a roundtrip efficiency factor at 85% and a forced outage rate at 5%.

2.2.4 Labrador Island Link Import Availability

The Labrador–Island Link (LIL) is a high voltage DC transmission system from Labrador to Newfoundland. Commissioned in April 2023, it is a relatively new but significant asset for NL Hydro's Island grid. RECAP modeled the LIL import capability through a three-step process designed to capture both physical system limits and operational uncertainties of this major transmission line.

The first step was to determine the Island grid's ability to absorb LIL imports, as a function of hourly Island demand and Maritime Link (ML) exports. The key characteristics here are that the operational limits differ depending on whether ML exports are below or above 150 MW relative to Island demand[6]. Additionally, although the LIL was designed for 900 MW, this study assumes a maximum import rating of 700 MW, reflecting the current limit until the high power test to 900 MW is completed. An

[6] This analysis is based on the load shedding scheme currently used on the NL Hydro Island grid. The study also examined an enhanced load shedding scheme (Full UFLS) and found that it has limited impact on the Island grid's risk profile.

8,760-hour profile was developed to reflect how LIL imports vary with hourly demand conditions and concurrent ML exports at the end of this step.

Next, the analysis accounted for hydrological constraints at Muskrat Falls, the primary source of LIL imports. As a conservative assumption, this study assumes Muskrat Falls generation was the sole supply for imports, excluding other non-firm transfers. This assumption makes Muskrat Falls generation the limiting factor for LIL transfer capability during critical winter periods. In RECAP, LIL imports were capped to Muskrat Falls generation simulated for the 1988 hydro year, which represents an average inflow scenario.

Finally, given the limited operational experience and potential cascading impact of an LIL trip, the analysis simulated stochastic outages on the LIL to account for its reliability risks. A 5% generic forced outage assumption was applied to the bipole, represented as full on/off capacity events at 700 MW[7]. This stochastic treatment of outages captures the variability and potential interruptions in LIL availability.

[7] This study also evaluated 3% and 1% generic forced outage assumptions and found that these variations have limited impact on the timing of the greatest system needs; consequently, the capacity contributions (ELCCs) from wind and storage resources are not expected to change materially under different LIL FOR assumptions.

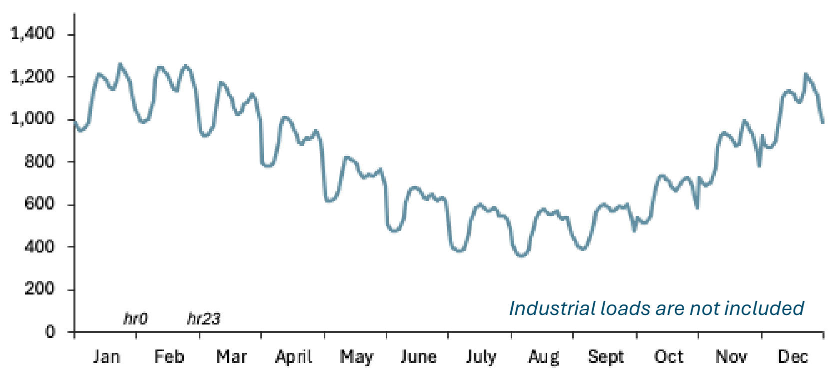
3. Modeling Inputs and Assumptions

3.1 Electricity Demand Forecast

Over the past decade, the island system's total energy demand has remained largely stable, with about a one percent decline between 2015 and 2024. A key feature of this period has been the variability in peak demand. In 2019, peak load was roughly five percent higher than in a typical year such as 2017. This was followed by a sharp drop of around 250 MW between 2019 and 2021 due to the impacts of COVID, before partial recovery in subsequent years.

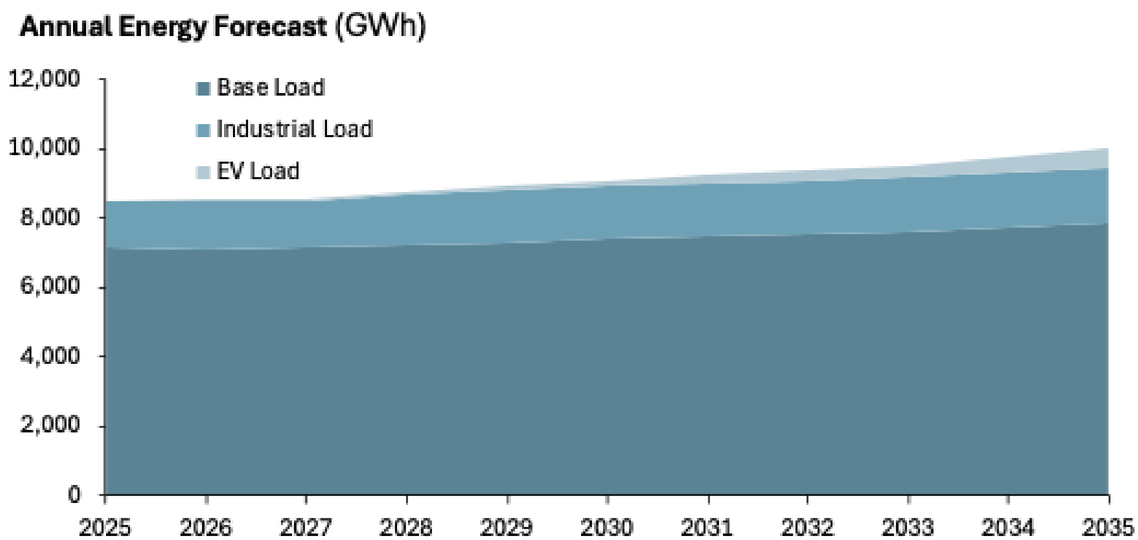
NL Hydro is a distinctly winter-peaking system - the highest demand occurs in December, January, and February, with particularly pronounced peaks in early morning and evening hours. These load characteristics are consistent with strong heating requirements and residential usage patterns. They also highlight the operational challenges of meeting demand during sustained cold periods, when system stress is greatest.

Figure 9. Historical Average Base Load Shapes by Month and Hour of Day, 2015-2024



Looking forward, load forecasts on the Island grid show gradual but steady growth. Baseload demand, adjusted downward to reflect future energy conservation and demand management (ECDM) adoption, is expected to rise over time. Historically, Island load has included only limited amounts of transportation electrification, however, future projections anticipate significant new demand from electrification, particularly electric vehicles. Additional growth is also expected from industrial loads. Under the reference case, annual energy requirements are expected to grow at an average rate of about 1.5 % per year between 2024 and 2034. Peak demand follows a similar trajectory, base load peak forecasts increase in the mid-2020s to the early 2040s.

Figure 10. Island Grid Annual Energy Forecast, 2025 - 2035



The reliability needs of the NL Hydro Island system are currently driven largely by winter peak load events, and this is expected to remain the case in the future as demand grows from industrial activity and transportation electrification.

3.2 Operating Reserves

In addition to load demands, RECAP explicitly included operating reserve requirements that must hold during potential load shedding events. This study included 70 MW of regulating reserves in the model, considered essential to maintaining real-time reliability. NL Hydro also holds a spinning reserves (10 Minute and 30 Minute Reserve) requirement, but is excluded in RECAP, as they're likely to be depleted before critical periods when the system has to shed load.

A critical question for NL Hydro going forward, but one that was outside the scope of our study, is the impact of LIL operation on the need for contingency reserves. NL Hydro's current method of determining contingency reserves in the context of its resource adequacy need determination does not consider the impact of a sudden loss of the LIL, which would need to be made up for with resources on Newfoundland Island. Explicitly modeling the need to carry operating reserves for this contingency may impact the ELCC values of resources that can provide them, e.g. hydro or battery storage. Battery storage, in particular, may be able to contribute to resource adequacy through continuous provision of reserves without the need for energy to replenish its state-of-charge. This would result in a higher ELCC than is indicated here.

3.3 Existing and Planned Resources

Currently, the NL Hydro Island system is supported by a diverse mix of hydro, thermal, wind resources, and the major LIL transmission line that delivers Muskrat Falls energy to the island. Hydro resources remain the backbone of the system, contributing roughly 1,270 MW of installed capacity. This is complemented by up to 700 MW imports through LIL, and approximately 800 MW of thermal capacity. In addition, NL Hydro has power purchase agreements with two wind projects at St. Lawrence and Fermeuse, totaling 54 MW, and NL Hydro has implemented 132 MW of demand response programs that enable customers to provide load flexibility to the grid. Together, NL Hydro has a diverse portfolio of dispatchable resources, variable renewables and demand-side flexibility.

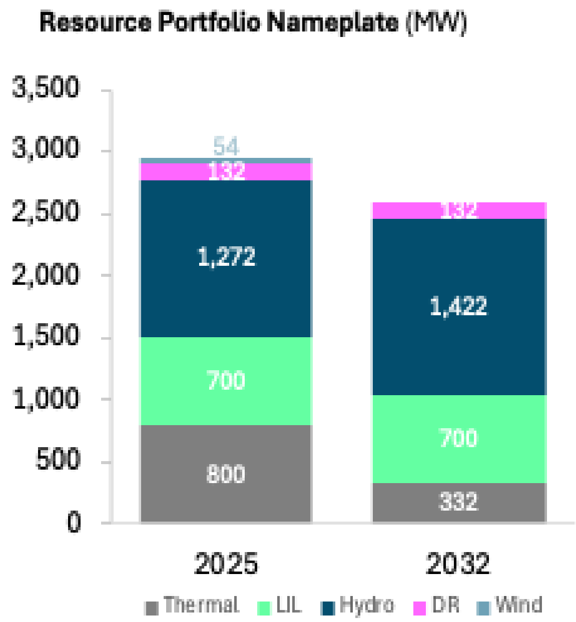
By 2032, the supply mix is expected to undergo a substantial shift. Hydro resources remain the dominant assets on the grid, and Muskrat Falls will continue to deliver clean energy through the LIL. However, the wind PPAs are scheduled for retirement by 2029, and NL Hydro's thermal fleet is planned to decline to 182 MW after a series of retirements. As shown in the table below, the largest reduction comes from the retirement of approximately 490 MW of Holyrood Thermal Generating Station. These retirements represent a significant loss of firm, dispatchable generation. To help offset these retirements and support reliability as demand continues to rise, NL Hydro has identified and planned for new resource additions. This includes the Avalon CT, a 142 MW thermal unit made up of three equally sized combustion turbines, and an expansion at Bay d'Espoir that increases its capacity from 613 MW to 767 MW. The chart below compares the Island's resource portfolio in 2025 and 2032.

Table 2. List of Resource Retirements / Additions by 2032

Date	Plant Name	Nameplate Capacity (MW)
	Retirements	
2026-04	Rattle Brook	4
2030-04	Holyrood Thermal	490
2030-04	Hardwoods CT	50
2030-04	Stephenville CT	50
2030-04	NP Greenhill & Wesleyville	28[8]
	Total Retirements	***622 MW***
	Additions[9]	
2029-12	Avalon CT	*142*
2031-05	BDE Unit 8	*154*
	Total Additions	***296 MW***

[8] Newfoundland Power has proposed refurbishing these two units in 2028 and 2029, which would increase the capacity to 48 MW. Since this has not been approved by the Public Utilities Board it has not been included in this analysis.
[9] Planned additions are subject to regulatory approval.

Figure 11. Existing and Planned Resource Mix in 2025 vs. 2032

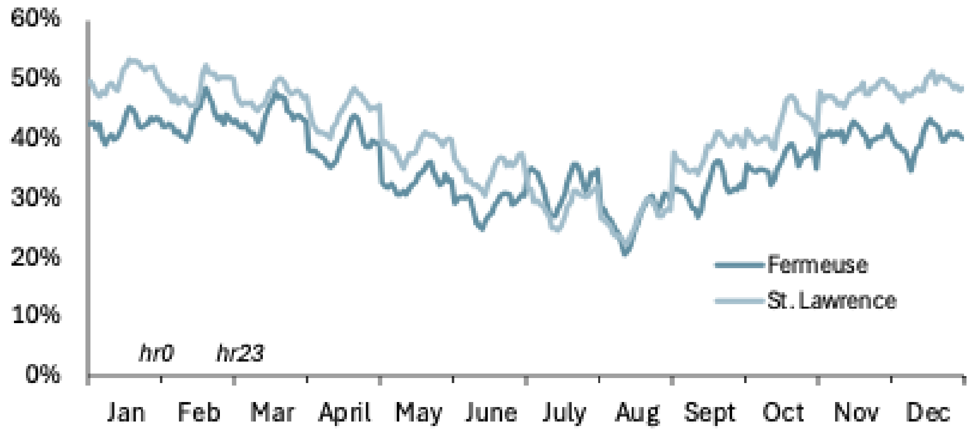


List of Existing Thermal Units	Capacity (MW)
Holyrood Thermal Units*	490
Hardwoods GT*	50
Stephenville GT*	50
Newfoundland Power - Greenhill and Wesleyville*	28
Hawkes Bay Diesels	5
Holyrood Diesels	12
Holyrood GT	123.5
St. Anthony Diesels	9.7
Corner Brook CoGen	15
Newfoundland Power - Thermal	16.5
*** Units retire by 2032**	

3.3.1 Wind

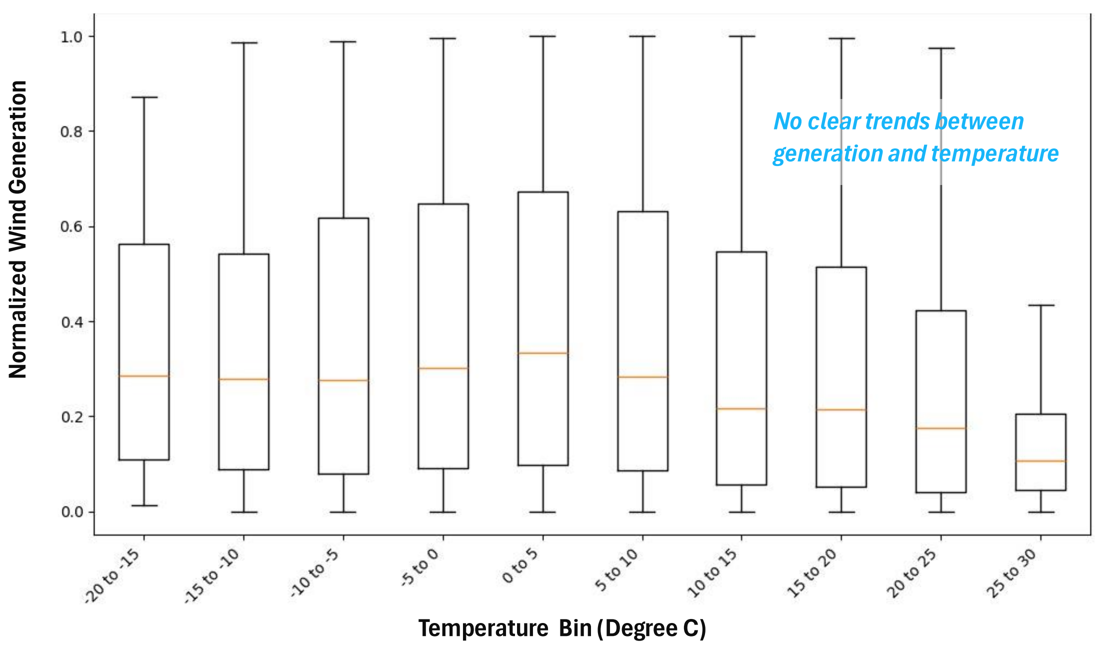
NL Hydro currently operates two wind resources within its service area—St. Lawrence Wind and Fermeuse Wind—each with a capacity of 27 MW, and both PPAs are set to be expired by 2029. Their generation peaks in winter months, with an average winter capacity factor at 48% (St. Lawrence) and 41% (Fermeuse). The profiles exhibit certain intraday variability, within 2-3% variation on an average basis, but can fluctuate significantly within and across individual days, given different weather conditions. Generally, NL Hydro can leverage its highly flexible hydro assets to ramp up or down to balance short term changes in wind generation. That said, if and as intermittent renewable generation grows, the system is likely to require balancing resources, such as fast-ramping thermal generation, hydro, or battery storage, to smooth out short-term variations and enhance system's ability to integrate variable wind generation.

Figure 12. St. Lawrence and Fermeuse Month-Hour Average Wind Generation, 2012-2024



Given the potential impact of cold weather on wind generation performance, this study also examined the relationship between temperature and output from an existing wind farm (around Fermeuse) on the island. As shown in the chart below, the available data, though limited, does not indicate a strong inverse correlation between wind generation and cold temperatures. However, this remains an important factor to monitor, as reduced wind performance during cold days, which also coincides with peak demand, can pose additional reliability risks.

Figure 13. Wind Production and Temperature Relationship (FER Wind)

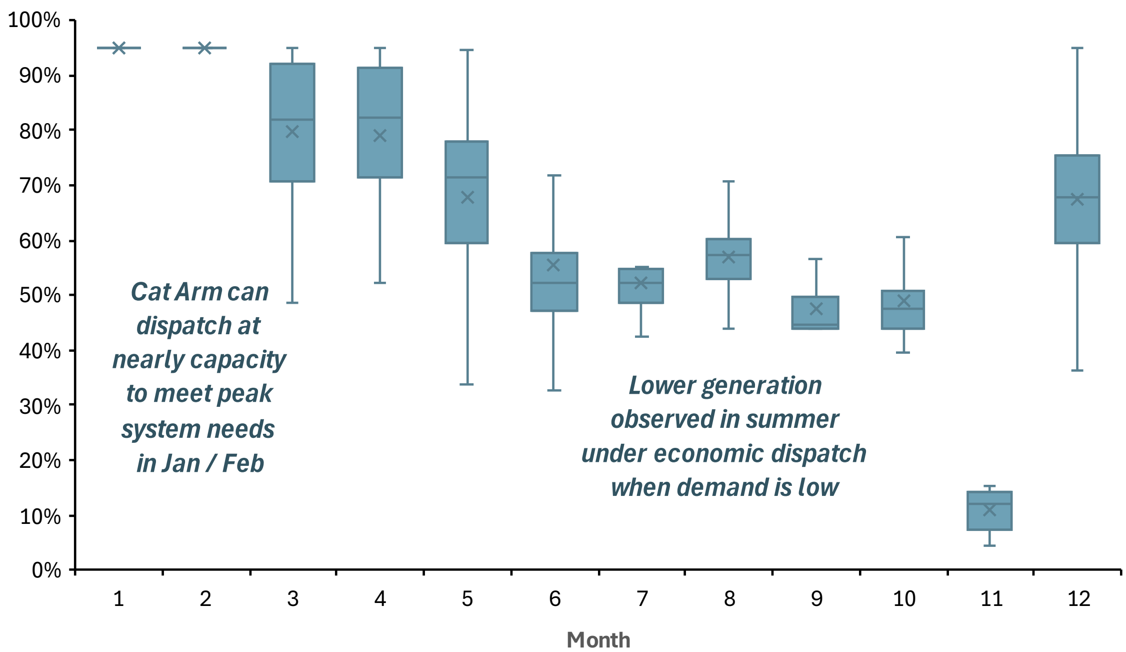


3.3.2 Hydro Assets

As mentioned in Section 2, hydro assets on the Island system are distinguished between flexible and non-flexible resources based on their physical operational characteristics.

As an example, the chart below illustrates the monthly energy budget for Cat Arm, showing how available energy varies across different months of the year (except for January and February, where it is assumed to be capable of generating at maximum historical rating for all days in the two months).

Figure 14. Cat Arm Monthly Budget Distribution Across Hydro Year, 1958-2019



Non-flexible hydro resources, on the other hand, have profiles that vary across months but remain flat within each month, without reflecting daily or hourly fluctuations.

The table below summarizes the hydro assets modeling assumption in RECAP.

Table 3. Summary of Hydro Assets Modeling Input

Resource	Installed Capacity (MW)	Category	Hydro Year Modeled
Bay d'Espoir (8 units)	767	Flexible Hydro	1958-2019
Upper Salmon	84	Flexible Hydro	1958-2019
Granite Canal	40	Flexible Hydro	1958-2019
Cat Arm (2 units)	137	Flexible Hydro	1958-2019
Hinds Lake	75	Flexible Hydro	1958-2019
Paradise River	8	Non-Flexible Hydro	1958-2019
Deer Lake Power	104	Non-Flexible Hydro	1958-2019

Newfoundland Power Hydro *(Avalon + Off Avalon)*	94.2	Non-Flexible Hydro	1958-2019
Exploits *(Bishop Falls + Grand Falls)*	93.8	Non-Flexible Hydro	1958-2019
Star Lake	18	Non-Flexible Hydro	1958-2019

3.3.3 Demand Response Programs

NL Hydro has implemented four major demand response programs. The program design details are described below.

Table 4. Description of Demand Response Programs Implemented in NL Hydro Island System

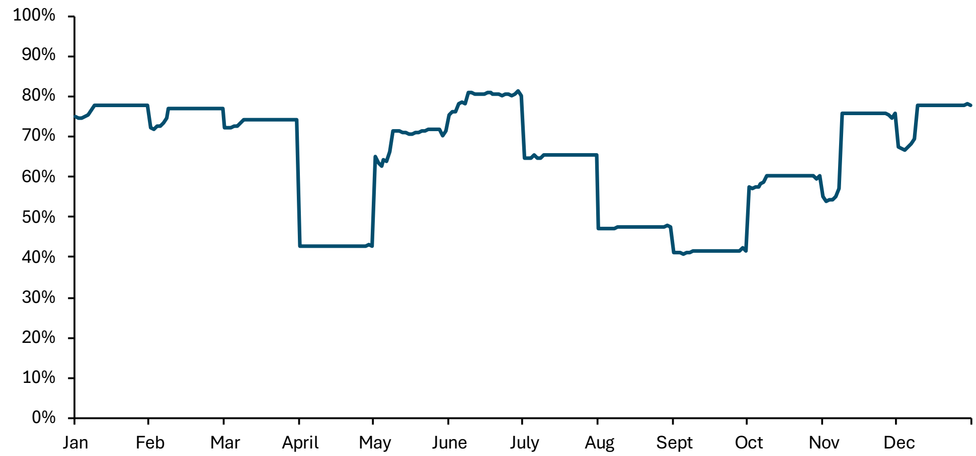
Program	Program Characteristics
CBPP	Up to 90 MW during Winter, and 50 MW during Summer for 6 hours. Total number of calls cannot exceed twice a day and 30 calls annually.
Vale	Up to 8 MW between December and May for 6 hours. Total number of calls cannot exceed 20 calls annually.
NP Capacity Assistance Program	Up to 12 MW across the year for 4 hours. Total number of calls cannot exceed 20 calls annually.
MUN Capacity Assistance Program	Up to 21.7 MW across the year for 4 hours. Total number of calls cannot exceed 20 calls annually. [10]

3.3.4 Imports and Exports

As discussed in Section 2, the LIL is the sole transmission line delivering firm energy from Muskrat Falls to the Island. The chart below shows the month-hour average LIL deliverability modeled in this study. The variance in transfer capability reflects differences in Muskrat Falls generation simulated across hydro years.

[10] Hydro is expecting to enter into this Capacity Assistance Agreement in 2026. The terms of the agreement have not been finalized

Figure 15. Month-Hour Average LIL Import Capability Illustration



In addition to LIL imports, the Island grid is also connected to neighboring systems through the Maritime Link (ML). The Maritime Link is a 500 MW transmission connection between Newfoundland and Nova Scotia. NL Hydro holds a contract for firm energy exports to Nova Scotia of 158 MW from hour 7 to hour 23 each day, while the rest of exports over the line are considered non-firm capacity[11]. In RECAP, only the 158 MW firm export obligation was represented, with the caveat that exports will not be supplied when LIL is not in service.

3.4 Candidate Resources

To evaluate the capacity contribution of potential new resource additions on the Island grid, E3 assessed a range of resource options, including solar, wind, and battery energy storage (BESS) resources. The table below summarizes the incremental levels (tranches) evaluated for each resource type.

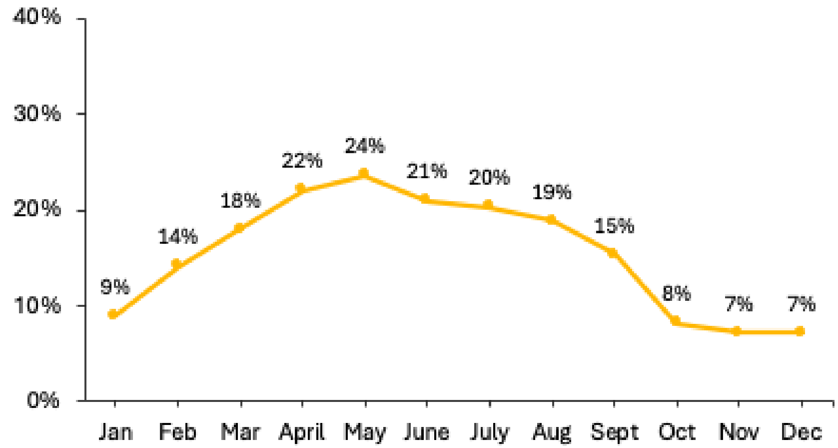
Table 5. Candidate Resource and Size modeled in ELCC Evaluation

Resource	Incremental Addition Size (MW)
Solar	20
BESS (4-hour and 8-hour)	25, 50, 100, 150, 200, 250, 300, 350
Wind	50,100,150, 200, 250, 300, 350, 400, 450, 500

For solar resources, a representative generation profile was applied based on a generic island-based dataset. As illustrated in Figure 16, solar production is higher in spring and summer months, with winter average capacity factor ranging from 7% to 14%.

[11] The supplemental energy contract with Nova Scotia concludes in 2026 and therefore is not included in this analysis.

Figure 16. Representative NL Hydro Solar Monthly Capacity Factor (%)



For wind resources, generation profiles were derived from existing generators in the NL Hydro system, ensuring that the modeled output reflects observed operational characteristics on the island.

For storage resources, E3 evaluated both 4-hour and 8-hour duration options. A 5% forced outage rate was assumed for the base case, based on observations and operational experience from more mature markets such as CAISO. A higher 10% forced outage rate was also tested to reflect potential performance challenges under colder operating conditions in Newfoundland and Labrador.

4. Modeling Results and Discussion

4.1 Characterization of Reliability Risks in 2032

This section presents detailed results of the 2032 load and resource balance analysis for NL Hydro's system. The simulations provide an enhanced understanding of the seasonality and timing of reliability risks present in the portfolio – and, by extension, how effective different types of resources may be in addressing those risks. Figure 17 summarizes the timing of loss-of-load risk by month and hour of day. As shown in the chart, the periods of highest risk in the NL Hydro system are concentrated in the winter early morning and evenings (specifically, in January / February between hour 7:00 to 11:00 AM or 17:00 to 20:00 PM), as the highest heating loads coincide with a LIL outage. In fact, over 90% of simulated loss-of-load events are driven by stochastic LIL outages, which take maximum 700 MW of capacity imports offline.

Figure 17. Relative Loss of Load Probability in 2032 by Month and Hour of the Day

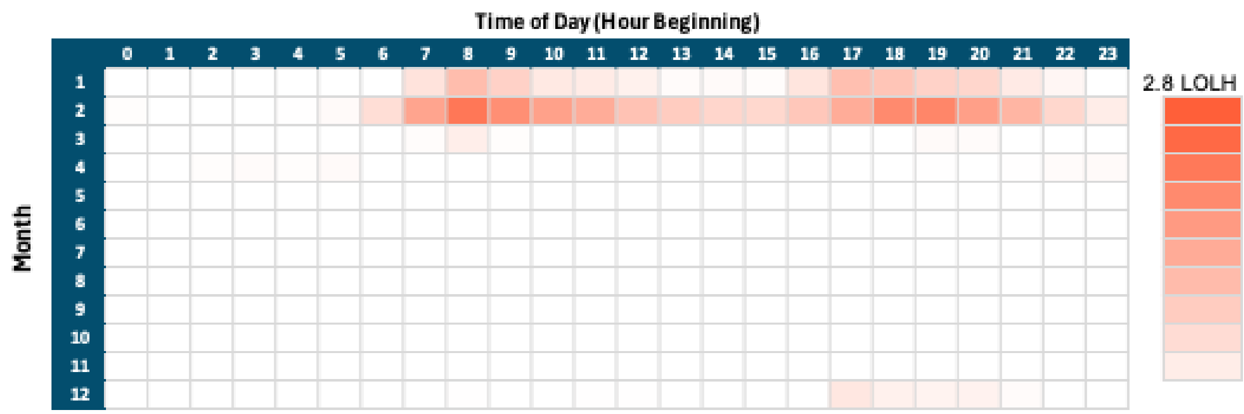


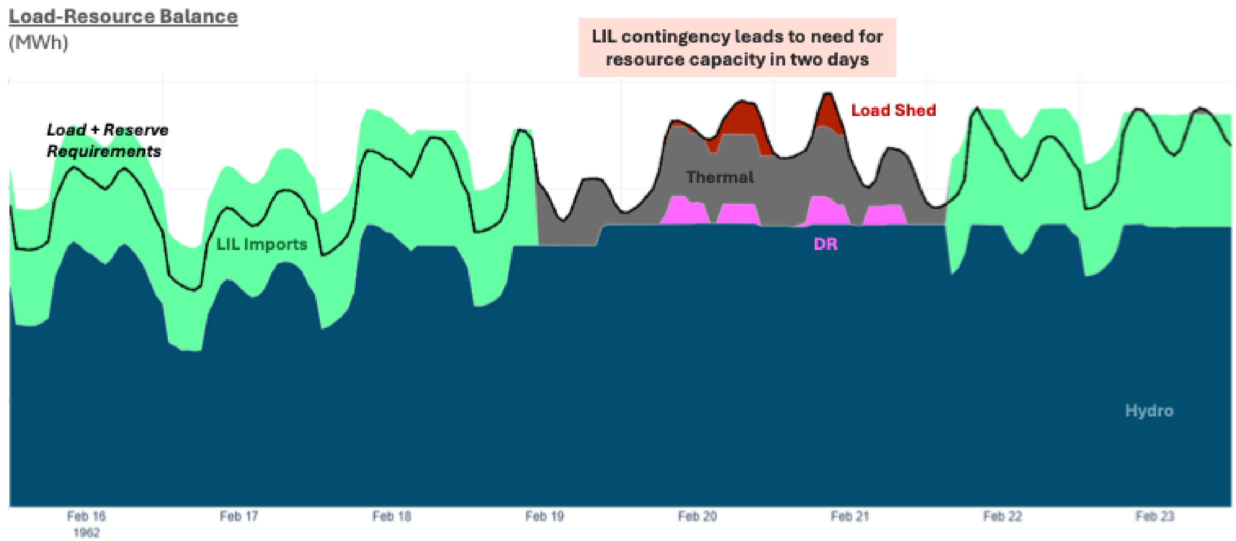
Figure 18 illustrates an example of a system loss-of-load event. In this sample week, the LIL is tripped offline between February 19th and February 21st, reducing import availability to the island from Labrador. In response, 158 MW of Maritime Link exports are curtailed, and hydro assets ramp up to meet the system's capacity needs. Even with all reservoir hydro dispatched at maximum output, however, the system remains at risk of insufficient capacity to serve load, leading to a potential load-shed event lasting 17 hours. This example is instructive as to the nature of reliability risks on the island system:

1. The need for additional capacity is most acute during the coldest winter months when the 700 MW transmission line is unavailable. While the system generally has sufficient energy given its hydro-dominated nature, insufficient capacity can be a bottleneck and drives most of the loss-of-load risks.
2. Existing demand response programs are helpful mitigating resources needed for a short duration (4-6 hours depending on specific program call duration design) and spreading loss-

of-load risk across longer periods of hours, sometimes extending from early morning into the evening. This implies that the marginal contribution of additional energy-limited resources (e.g. 4-hr battery storage) will be relatively constrained.

3. Wind resources, which typically generate more in winter, could help offset these risks. The exact capacity value accreditation depends on the resource's performance (e.g., capacity factor) during extreme cold winter periods.

Figure 18. Illustrative Resource Dispatch in a Challenging Winter Week



4.2 Incremental Resource ELCC Analysis

This section details the incremental capacity value different resources can provide to the island system. Each resulting table or chart shows the incremental capacity value to the 2032 existing and planned resource portfolio. The results are presented in two ways:

1. Cumulative capacity value in perfect MW (or effective MW) – This measures a resource's ability to contribute to the total reliability need.
2. Marginal ELCC as a percentage of each addition – As each new addition of the same or mixture of resources are added to the system, this measures the marginal effectiveness of an incremental tranche of a resource.

4.2.1 Solar

Solar resources are found to contribute very little to system resource adequacy. As shown in Table 6, a representative 20 MW solar project provides just 2.2 MW of firm capacity, an 11% marginal ELCC. This modest contribution reflects both the low solar capacity factor (~14%) in the region and the misalignment between midday solar output and early morning / evening net peak periods, when resource adequacy risk is most severe. As a result, while solar can diversify the portfolio and add more clean energy generation to the grid, it plays only a limited role in supporting reliability needs.

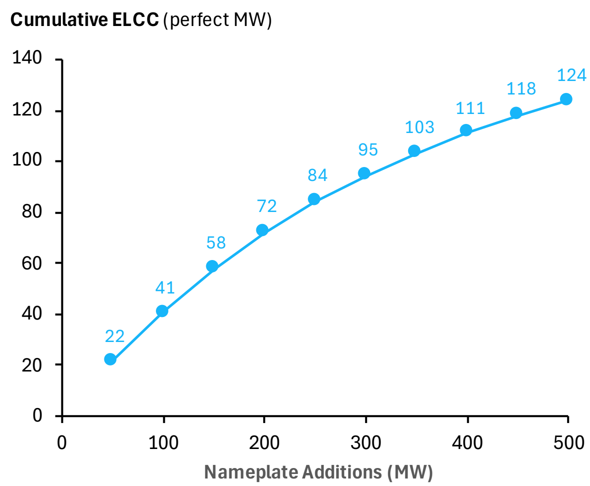
Table 6. Generic Solar ELCCs

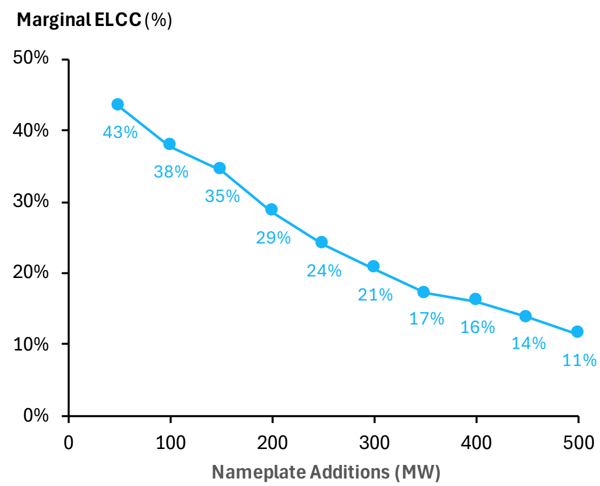
Resource	Nameplate Addition *(MW)*	Cumulative Capacity Value *(MW)*	Marginal ELCC *(%)*
Generic Solar	20	2.2	11%

4.2.2 Wind

Wind resources, on the other hand, provide substantially higher adequacy contributions because their generation is more often overlapping with evening peak demand periods. An additional 50 MW of generic wind farm on the island can deliver~ 22 MW of effective capacity, equivalent to a 43% ELCC. However, as wind penetration increases, marginal ELCC steadily declines - its ELCC falls to 29% by 200 MW or 16% by 400 MW. This outcome highlights the “saturation effect,” where each additional tranche of wind shifts peak reliability risk into hours of lower wind availability, makes incremental wind capacity lower.

Figure 19. Wind Cumulative and Marginal ELCCs





Comparison to 2024 RRA Results

The calculated ELCC for wind resources differs significantly from the previous study, completed in 2018. The ELCC calculated for two existing wind farms at St. Lawrence and FER was much lower in the earlier study, averaging 22% for the two 27 MW size wind facilities. While it’s hard to definitively measure all of the exact differences in inputs and updates from the prior study to this one, the table below describe the key distinctions between the two studies.

Table 7. Summary in Methodology and Input Updates between Two Studies

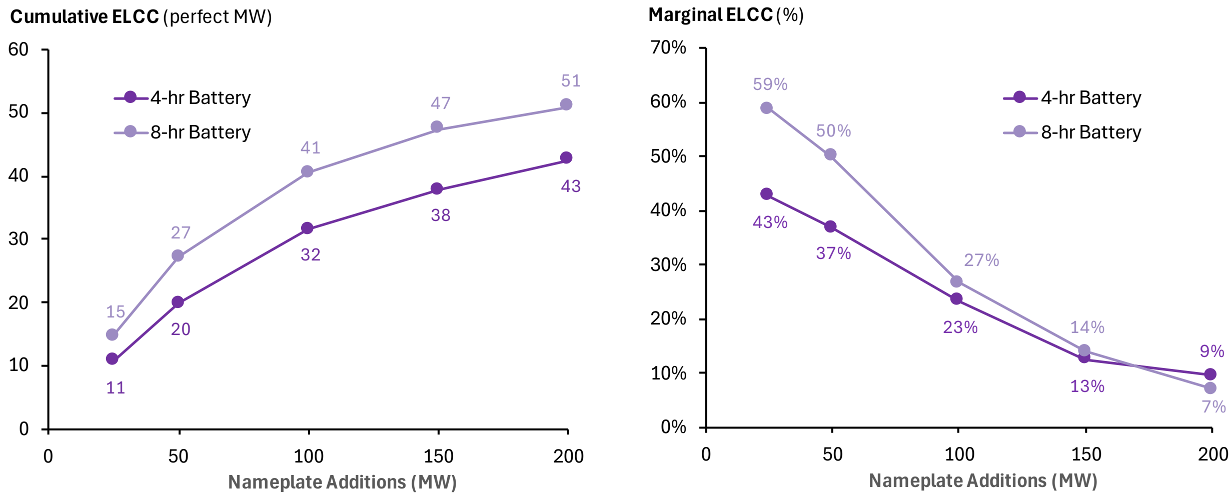
Factor	Type	Description
Model	Methodology	E3 uses RECAP and the prior study used NL Hydro's own reliability model in PLEXOS. The main difference between the two is the sampling for wind profiles – the former preserves the correlation between load conditions and wind generation, while the latter draws profiles randomly.
Study Year	Methodology	The prior study measured ELCCs for two existing wind farms in 2024. This study explores incremental ELCCs for similar wind turbines in nearby locations assuming they are operated in 2032. The disparity in study year alone makes this current study not directly comparable due to shifts in loads and resources.
Increased Weather Variability	Input	The prior study uses one hourly load profile for a base weather year whereas this study uses 8 (2015-2024, except 2020-2021) weather years. This increase in weather years ensures a more complete representation of weather-dependent wind performance during challenging periods.
LIL Forced Outage Rate	Input	The prior study used a LIL bipole FOR of 1 hour per year (0.0114%) whereas this study uses a FOR of 5%. This has significant implications on the outage profile in the model (specifically, timing of the most resource needs) and the ELCC results.
Increased Stochasticity	Input	In addition to the increased weather variability, this study captures a wider range of plausible load, hydro, and wind combinations by explicitly mapping hydro availability to load and resource performance across the full set of simulated scenarios.

Taken together, these updates help explain the higher incremental ELCCs for wind in this study. The most direct factor is the involvement of system loss-of-load size and timing. With the retirement of Holyrood TGS and increased reliance on the LIL, the Island system has become more capacity-constrained, with most loss-of-load risk occurring during winter peak periods coinciding with LIL outages. By contrast, the 2024 study assumed a more diverse portfolio (e.g., including two existing wind farms and Holyrood TGS), where loss-of-load events were not concentrated solely in the winter but also occurred in early spring, when wind performance is weaker, resulting in lower ELCC values.

4.2.3 Storage Resources

In hydro-dominated systems, storage can be a valuable resource adequacy resource as it can be reliably charged from surplus hydro generation and dispatched later during system needs. This study focuses on the incremental capacity value of storage with two different durations: 4-hr and 8-hr.

Figure 20. 4-hr and 8-hr Storage Cumulative and Marginal ELCCs



Assuming a 5% forced outage rate for battery technologies, 25 MW of 4-hour batteries can contribute ~43% of nameplate as effective capacity, while 8-hour storage performs better, maintaining ELCCs of over 50% in the first 50 MW addition. The ability to sustain output across extended peak periods allows longer 8-hour duration storage to cover more of the system's risk hours, making it more effective in supporting reliability. However, like wind resources, batteries experience diminishing returns due to the inability to meet increasingly long duration reliability requirements at higher penetrations of these resources. By 100 MW tranche, both 4-hr and 8-hr storage ELCC falls to ~25% and reduces to below 10% after 200 MW addition.

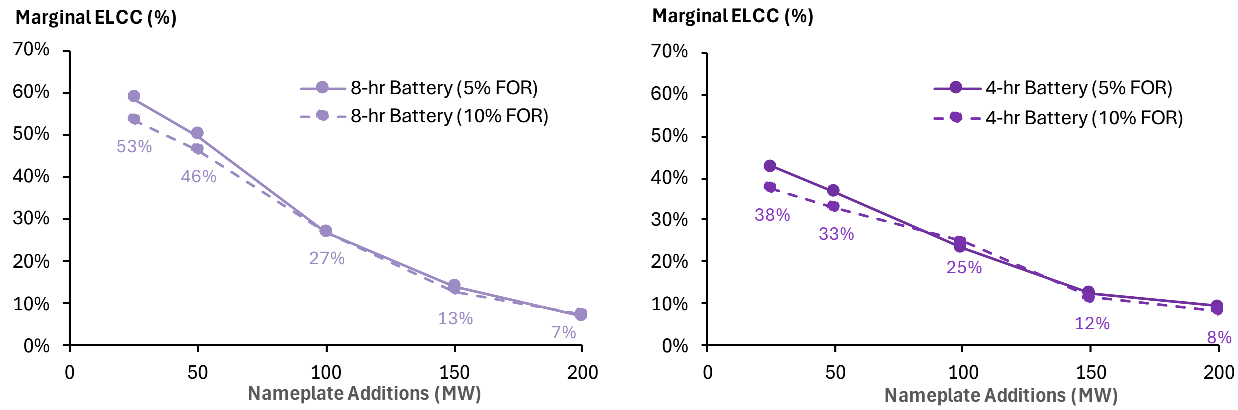
Saturation Effect between Existing Demand Response Programs

Energy-limited resources represent a class of resources that can provide power to a system with a limited amount of energy or duration. Resources like battery storage are key examples, but demand-side resources like demand response that have provisions on how often / how long they can be called on also fall into this category. In fact, combinations of energy-limited resources tend to exhibit an antagonistic relationship due to providing capacity value through the same peak-shaving mechanisms. In the case of the NL Hydro system, the incremental ELCC of storage resources are constrained by the presence of existing demand response programs. Despite being different resources, both target similar dispatch periods, which reduces the marginal value of storage additions. In other words, while batteries remain an important resource adequacy resource, their contribution is somewhat diminished as existing demand response programs with similar operational capabilities saturate the system's highest-value reliability periods and require additional resources to sustain dispatch across a longer window.

Impact of Forced Outage Rate Assumption on Storage ELCCs

This study focuses primarily on characterizing the marginal ELCCs of storage resources assuming a 5% forced outage rate, but explores the impact of this assumption on marginal ELCCs through sensitivity analysis. The chart below shows marginal ELCCs for 4-hr and 8-hr storage assuming a 10% forced outage rate.

Figure 21. Marginal 4-hr and 8-hr Storage ELCCs (assuming 10% Forced Outage Rate)



Under the base assumption, the first 25 MW of 4-hour storage provides a 43% ELCC, while 8-hour storage achieves 59%**.** If outage rates rise to 10%, these values fall to 38% and 53%, respectively. While the absolute reductions appear small, the effect sustains through higher penetrations.

4.2.4 Wind and Storage Resources

ELCC studies for many utilities have shown that the combined capacity value of an entire portfolio is interdependent; that is, changes to the penetration of one resource affects the capacity value of other resource additions. For the NL Hydro system, this study also computes incremental ELCCs for a combination of wind and storage resources, given the potential interactive effects between two resources (i.e., diversity benefits where temporal variation in wind production supports more efficient storage cycling). Specifically, 12 unique combinations of incremental wind and storage capacities are examined. The resulting surface is shown in Table 8, which reports the cumulative incremental ELCC resulting from each combination of wind and storage (for example, an additional 100 MW of storage and 200 MW of wind provides a total of 109 MW of effective capacity incremental to the 2032 base portfolio). As the penetration of either resource increases, the total capacity contribution of the incremental resources also increases (a reflection of their additional reliability contribution to the system).

Table 8. Cumulative ELCC (MW) from Combinations of Incremental Wind and Storage Resources, *on Top of 2032 Existing and Planned Resource Portfolio*

Incremental Wind Capacity (MW)	Incremental 4-hour Storage Capacity (MW): 0	25	50	100	150	200
0	-	11	20	32	38	43
50	22	33	42	53	60	64
100	41	53	62	73	80	84
150	58	70	79	92	99	104
200	72	85	95	109	118	123
250	84	98	109	125	135	141
300	95	109	121	138	150	157
350	103	117	130	150	164	172
400	111	126	138	159	175	186
500	124	139	152	173	191	206

Marginal ELCC curves for both energy storage and wind can be calculated from the table above by comparing how much additional effective capacity is provided by each increment of installed capacity with each step. These are shown in Table 9 (wind) and Table 10 (energy storage). The key observations here are:

1. The marginal ELCC of new wind resources on top of the 2032 existing and planned portfolio is relatively high for the first 50 MW of additions but declines to around 30% at 200 MW of penetration. However, at higher penetrations of storage (e.g., 25 MW to 100 MW), the marginal ELCC of wind at a given penetration increases slightly. For example, at 200 MW of wind, the marginal ELCC rises from 29% to 38% with additional storage. This reflects a diversity benefit where storage mitigates the variability of wind by capturing excess energy during periods of high generation and shifting it to times when wind output is low or demand is higher. In effect, storage smooths out the hour-to-hour fluctuations of wind and increases its effective contribution to system reliability.
2. Similarly, the marginal ELCC of 4-hour energy storage resources is high at low penetrations (greater than 40% of nameplate capacity) but declines as storage penetration increases, since the system increasingly needs resources that can sustain output for longer durations. However, when additional wind is added, the decline in storage ELCC is slightly delayed. For instance, moving from 100 MW to 200 MW of wind, the marginal ELCC of 50 MW of storage increases from 37% to 41%. This again demonstrates the aforementioned diversity benefit between wind and storage: higher wind penetration increases net load variability due to its fluctuating profile, which creates more opportunities for storage to discharge when wind output drops, reinforcing its capacity value.

Table 9. Marginal ELCCs for Wind as a Function of 4-hr Storage Penetration (read down columns)

Incremental Wind Capacity (MW)	Incremental 4-hour Storage Capacity (MW): 0	25	50	100	150	200
0	-	-	-	-	-	-
50	43%	44%	44%	42%	44%	42%
100	38%	40%	40%	41%	40%	41%
150	35%	35%	35%	37%	39%	39%
200	29%	30%	32%	35%	37%	38%
250	24%	25%	27%	30%	35%	36%
300	21%	23%	23%	27%	29%	33%
350	17%	17%	19%	24%	28%	31%
400	16%	16%	15%	19%	22%	27%
500	13%	13%	14%	14%	17%	20%

Table 10. Marginal ELCCs for 4-hr Storage as a Function of Wind Penetration (read across rows)

Incremental Wind Capacity (MW)	Incremental 4-hour Storage Capacity (MW): 0	25	50	100	150	200
0	-	43%	37%	23%	13%	9%
50	-	44%	36%	22%	14%	8%
100	-	48%	37%	23%	14%	9%
150	-	49%	36%	25%	15%	9%
200	-	51%	41%	28%	17%	10%
250	-	53%	46%	31%	21%	11%
300	-	57%	47%	35%	23%	15%
350	-	57%	51%	39%	27%	17%
400	-	57%	50%	43%	31%	22%
500	-	60%	52%	43%	36%	29%

4.3 Limitations and Recommendations for Future Work

The values and results developed in this study are intended to inform NL Hydro's planning process for the next RRA study.

At the same time, like all studies, this study is subject to limitations, particularly associated with limited operational experiences with newer assets. As NL Hydro gains more experience and as the system evolves, it will be important to proactively evaluate emerging risks and determine whether updates to the analysis are necessary to address specific challenges. Key areas for refinement include:

1. Wind generation profile: The current analysis relies on a limited set of existing wind farms, which may not fully capture the variability of wind performance, especially under extreme weather conditions. Expanding the dataset as new projects come online will enhance NL

Hydro's understanding of this relatively new resource on the island grid and improve the robustness of ELCC results.

2. Labrador–Island Link (LIL) performance: NL Hydro has only a few years of operational experience with the LIL, the sole major transmission line into the island. This study used generic assumptions for forced outage rates and outage durations. As more operational data becomes available, particularly under severe weather conditions, it will help refine the representation of LIL reliability.
3. Labrador–Island Link (LIL) operating reserves: NL Hydro may need to evaluate whether its resource adequacy model should explicitly carry contingency reserves to cover the sudden loss of the LIL, given its role as the island's sole major interconnection and the potential reliability impact of an unexpected outage.
4. New hydro impoundments: Future hydro developments could significantly alter system flexibility and influence the accreditation of other resources such as wind and storage. As projects progress, further work will be needed to assess their contributions to overall system reliability.
5. Load growth: Forecasts remain uncertain, especially in light of electrification, economic growth, and climate change.
6. Other data limitations: Additional uncertainties include resource portfolio changes not contemplated in this study, and the maximum flexibility that can be achieved from hydro assets. Ongoing updates in these areas can help sustain confidence in future results.

Overall, this study provides valuable insights to guide both near-term and long-term planning, but periodic updates will be necessary as NL Hydro gains experience with new technologies and resources, to ensure that its approach remains consistent with best practices and responsive to emerging risks.

5. Conclusion

This ELCC study begins by identifying the reliability challenges that NL Hydro may face in 2032, and then it quantifies the capacity contributions of a range of resources (i.e., renewables, storage) that could enhance the reliability of the island grid. The resulting observations and calculated ELCC values provide critical inputs to NL Hydro's planning process and help NL Hydro develop a portfolio capable of serving load across all hours of the year.

Key findings from this study include:

1. **As Newfoundland and Labrador enter a period of major grid transformation, the periods of greatest reliability risk are expected in cold winter early mornings and evenings.** E3 modeled grid resource adequacy in 2032, a time characterized by retiring assets, new resource additions, and rising electricity demand. The planned retirement of the Holyrood Thermal Generating Station, the province's largest thermal plant, around 2030 will create the need to develop new sources of energy and capacity. At the same time, shifts in consumer behavior,

industrial growth, and evolving climate policies are expected to accelerate electricity demand, emphasizing the need for careful planning to maintain reliability. As shown in the chart below, the periods of highest risk in the NL Hydro system are expected to be early winter mornings and evenings, during the times of the highest winter heating loads.

2. **Newfoundland & Labrador's resource needs.** Given high availability during the winter net peak period, the marginal ELCC for wind begins in the mid-40% and declines with increasing penetration as reliability risks shift towards periods of lower wind output. In contrast, given the poor alignment between peak solar generation (in the midday) and highest system risk (early morning and evenings), the ELCC value for solar is lower (about 11%).

3. **Energy storage may also play a role in meeting NL Hydro's resource adequacy needs, reflected in ELCC values from 40-60% in initial tranches.** New energy storage can charge from surplus hydro generation and discharge during peak periods. That said, due to the flexibility of existing hydro generation as well as the province's extensive demand response programs, the incremental capacity value provided by storage is meaningfully lower than its full nameplate value, i.e., about 43% for the first 25 MW of 4-hour storage and 59% for the first 25 MW of 8-hour storage. At higher levels of storage deployment, as reliability risks extend over longer durations, the marginal ELCC values decline further. These results are lower than in thermal-dominated systems, reflecting the flexibility already provided by Newfoundland and Labrador's flexible hydro resources and the 130+ MW of demand response already on the grid.

4. **The Labrador–Island Link (LIL), a 700 MW high voltage transmission asset from Muskrat Falls, provides a key source of capacity and reliability to the NL Hydro Island system.** Commissioned in April 2023, this asset is relatively new but represents the single largest source of energy to the island. From a reliability perspective, the modeling considered the physical system limits and operational uncertainties of this major transmission line, particularly during the coldest winter months when the system is more constrained. The Labrador Island Link (LIL) delivers large volumes of hydroelectric energy from Muskrat Falls to the island but like any asset, incurs some reliability risk due to its operational uncertainty. A hypothetical outage on this single transmission link could create system-wide adequacy challenges, particularly during winter peaks. This dependence on a single asset influences the types of resources that can provide complementary contributions to the Island's reliability needs.

Exhibit 17

Pricing for a Revised Island Industrial Rate Report

Pricing for a Revised Island Industrial Rate

for
Newfoundland and Labrador Hydro

By

Bruce Chapman
Michael Vigdor
Michael Ty Clark

May 11, 2026

Confidential Information Removed and Blacked Out [redacted]

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Pricing for a Revised Island Industrial Rate

for

Newfoundland and Labrador Hydro

by

Laurits R. Christensen Associates, Inc.

May 11, 2026

1. INTRODUCTION

Newfoundland and Labrador Hydro (Hydro) is in the process of revising its Island Industrial electricity rate in response to changing aspects of its generation and transmission business. The completion of the Muskrat Falls generation site in Labrador and transmission links from there to the Island of Newfoundland and to the Maritime provinces and northeastern United States have changed the utility's costs, both embedded and marginal. Embedded costs have increased with the incorporation of the new generation and transmission facilities into rates.[1] Marginal costs have fallen to reflect the availability on the Island of incremental energy and capacity from the North American mainland instead of from the island's own peaking generation.

The Island Industrial customers currently take service under a demand-and-energy rate with flat, non-seasonal prices, supplemented by provision for non-firm energy taken in excess of contract demand (Power on Order or PO). Hydro is proposing to replace this structure with an "hours of use" (HOU) rate design whose purpose is to reflect the changing costs to Hydro of providing generation and transmission services. In the utility's view, an HOU design is an appropriate way both to recover required revenues and to inform customers about the marginal cost to serve new load (which is also the marginal savings from reducing it).

In brief, the HOU design creates a block rate with a customer-specific block boundary. A full description of the HOU design appears below in Section 2.2. If this design gains approval, then Hydro will implement the rate by selecting values for the parameters of the design. These parameters consist of the demand price, the price levels of the energy blocks and the boundary between the first block of energy and the tail block. While marginal cost will be the basis of the tail block energy price, the other parameters are a matter of choice. Demand-related revenue and first-block revenue must cover the revenue requirements not recovered by the tail block price.

Hydro asked Christensen Associates Energy Consulting to investigate aspects of the new design in order to facilitate decision making regarding a final rate structure for external review, and to develop initial prices based on forecasted revenue requirements and marginal costs. This report first describes the HOU design and notes its features. Next, we set out our approach to quantitative analysis that provides comparisons of the impact on customer bills of alternative selections of the rate's parameters. A section reporting the results follows, and the final section presents our findings.

[1] Rate mitigation offers temporary relief from rate increases that would be needed to fully cover costs.

2. THE HOURS-OF-USE DESIGN

2.1 Hydro's Pricing Context

Hydro's Island Industrial customers are currently served under a flat energy and demand pricing design augmented by a non-firm pricing arrangement that charges a marginal cost-based price on consumption above the level of Power on Order, whenever such power is available. Non-firm energy is priced at on-peak and off-peak values announced in the month preceding the month of service. Additionally, specifically assigned charges recover costs from some customers for investment at the customer site. (Other contract terms for short-notice curtailment are applied on a customer-specific basis.)

In Hydro's 2019 rate review, the utility stated its desire to offer a revised rate without altering the structure significantly, but making greater use of marginal cost in pricing. Ideally, the price that customers see when deciding whether to increase or decrease consumption would be based on Hydro's net export price, placing incremental energy consumption on the same footing as incremental export sales.[2] Hydro subsequently gravitated toward the HOU design, because the design provides a block structure that mimics the current design and allows for diversity of customer size. Furthermore, the rate can be constructed such that, in most months, each customer records usage in the second block, thereby finding that the marginal price of changing consumption is Hydro's export price. This structure is efficient in that the marginal price reflects Hydro's cost to add load (or its cost reduction arising from load reduction).

2.2 General Description of the HOU Design

Overview

The HOU design, sometimes termed the Wright rate after its designer, is a customer-specific block tariff that achieves for rate classes with large variation in customer size what a conventional block design achieves in homogeneous rate classes. In homogeneous rate classes, such as the residential class, a block design can set a single kWh level per month as a threshold for all customers. A leading example is associated with space heating or air conditioning: the first block price reflects the average cost of serving the customer (excluding the customer charge) while the second block price reflects the cost of providing the incremental energy to serve space heating or cooling. This latter price is often related in some fashion to the marginal cost of adding usage under the relevant weather conditions (a cold snap for heating or a heat wave for cooling).

In rate classes with more diverse customer sizes and end uses, rate blocks cannot readily be defined by kWh boundaries, but can instead be defined on the basis of load factor or, expressed alternatively, the customer's "hours of use". Hours of use can be understood as the number of hours in a month that a customer would need to operate at 100% load factor in order to reach planned or actual consumption. A customer with a 100% load factor records 720 hours of use in a thirty-day month; at a 50% load factor the customer's hours of use are 360. (Operating for

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[2] Newfoundland and Labrador Hydro, *Wholesale and Island Industrial Rate Design Review Update Report*, September 30, 2019. See Section 5.2.

360 hours at 100% load factor would produce the same usage as that recorded at a 50% load factor for the entire month, ignoring the one hour that creates the peak.)

The HOU rate is "efficient" in the sense that customers whose usage reaches Block 2 have access to marginal cost-based pricing. To achieve this level, the customer needs to control its peak demand, as an increase in peak demand reduces load factor, hence hours of use, and pushes usage back into Block 1. Block 1's price is typically, but not necessarily, higher than that of Block 2, since revenue recovery occurs on Block 1 usage (as well as via the customer and demand charges).[3] If marginal costs are relatively high, or embedded costs are relatively low, the rate can be "inclining block" in nature, with a higher block 2 energy price than the block 1 price, rather than "declining block".

If a utility has a rate class with an average load factor of 50%, it might decide to set the boundary between Blocks 1 and 2 at 90% of that load factor, resulting in an HOU boundary of 0.9*360 or 324 hours of use. A customer with a load factor greater than 45% (324 hours of use) would have some usage in Block 2 and would face a marginal cost-based price (for adding load). Utilities tend to base the Block 2 price on some function of marginal cost to convey to customers the cost to the utility of adding load.

One strength of the HOU design is its ability to separate the objective of revenue recovery from that of efficient pricing. The Block 1 price can be set to recover all (or most) fixed costs based on the Block 1 consumption quantity.[4] This quantity in each billing month is a function of the customer's peak demand and the class's load factor (or hours of use). If a customer's peak demand is stable, the Block 1 portion of the bill begins to approximate a customer-specific lump sum. The volumetric portion of the bill becomes the Block 2 energy charge, which is priced at a level based on forecasted marginal cost.

Under the HOU design, the vast majority of the monthly bill (Customer plus Demand plus Block 1 Energy Charges) is relatively fixed (assuming that the customer has some Block 2 usage). This can be beneficial for the customer in terms of predictability. Load expansion, assuming no increase in peak demand, takes place at the marginal cost-based Block 2 energy price. Load contraction, assuming no decrease in peak demand, also takes place at this price until Block 2 energy is reduced to zero. The utility benefits from the design as well, since variations in bills due to variations in consumption by customers more closely match variations in cost to serve.

Customers may at first express concern about the apparent complexity of the HOU design. However, customers can readily grasp the key strategic element of the rate: control peak demand and maximize the percentage of usage that is priced at the Block 2 price.

The HOU design is attractive to rate designers in the sense that efficient pricing of incremental load can be achieved despite the fact that the utility is recording just two quantities per month: peak kW and total kWh. Further improvement in price efficiency requires movement to time-varying pricing.

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[3] It might be noted that a "pure" HOU design lacks a demand charge, with the burden of recovering demand-related costs falling on the Block 1 energy price. The effect of this change is to alter bills slightly within class, without altering overall revenue recovery from the class.

[4] A utility might elect to recover some portion of fixed costs in the Block 2 price, but this reduces the efficiency of the marginal price.

The parameters to be determined by Hydro in implementing an HOU design are 1) the block boundary, expressed as hours of use, and 2) the Block 2 energy price. The Block 1 price is determined in conjunction with the demand price by a formula that ensures the target level of revenue recovery, and is thus a result of the choice of the two parameters.

Design Alternatives

The simplest form of HOU design involves no demand charge and non-seasonal energy prices, with the Block 2 energy price being based on the utility's forecasted marginal energy cost. This design recovers all demand-related costs and energy-related fixed costs via the Block 1 energy price while setting the marginal price exactly equal to forecasted marginal cost. The bill is a customer-specific lump sum (the Block 1 energy charge) and a small marginal cost-based (Block 2) energy charge. Because the Block 1 energy price is likely to be well above the Block 2 price, the customer has an incentive to keep peak demand under control (by maintaining high hours of use) in order to maximize the share of energy in Block 2, with its relatively inexpensive energy price.

Other variants of the design are possible. First, the utility could recover some or all of its demand-related costs via a demand charge. With peak demand being stable over time, demand-related costs are recovered via a quasi-fixed bill component consisting of the demand charge and a portion of the Block 1 energy charge. The customer's bill is very similar to the design without a demand charge, since the bill still consists of a customer-specific lump sum (the demand and Block 1 energy charges) and the same marginal cost-based Block 2 energy charge. The difference in bills between designs is likely to be small as both designs account for variation in load factor. Their incentive properties are similar in that any customer with Block 2 usage has the same marginal price for incremental consumption under each design.[5]

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[5] The choice of demand price does alter somewhat the signal to the customer to control peak demand. Consider two cases, one in which the demand price is set at zero (i.e., there is no demand charge) and another in which the price is set at unit cost, above the current demand price at Hydro. In both cases, the customer perceives an effective energy charge (EEC) in each hour, representing the cost of adding load, consisting of the energy charge plus any kWh-based rider prices plus the product of the probability of setting a new peak demand and the (high) marginal cost of setting that new peak.

In the case of the demand price of zero, that marginal cost is the difference between the Block 1 and 2 prices multiplied by change in Block 1 load resulting from a 1 kW increase in peak demand. In the case of the unit cost-based demand price, that marginal cost is the demand price itself plus the narrower energy price differential multiplied by the Block 1 load change. In theory, those values should be similar. The algebra is complicated by the fact that increasing peak demand usually has multi-month implications under Hydro's current definition of billed demand. In brief, in both cases, the marginal cost of increasing peak demand is high.

This marginal cost is in contrast to the marginal cost of increasing load up to peak demand. For most customers in most months under the HOU design, marginal cost is just the Block 2 energy price plus the rider price(s). For customers with low load factors, the marginal cost is the Block 1 energy price (which is embedded cost-based) plus the rider price(s).

Second, a utility with seasonal marginal energy costs could reflect that seasonality in its Block 2 energy price. This alternative would improve marginal price accuracy in representing marginal cost. Such an approach conveys to industrial customers what time of year is best for any variations in activity level, from shutdowns for maintenance to periods of incremental production by, say, adding an extra shift.

In principle, making the Block 1 price seasonal might well be considered as well, on the grounds of charging demand-related costs in peak periods. At present, this is not a commonly accepted approach to the recovery of such costs, with most utilities using non-seasonal demand pricing and with customers' billed demand often being smoothed via ratchets. The outcome of such seasonal pricing would be a significant increase in bill seasonality, with Hydro's billings rising in the winter season and declining in non-winter months. Seasonal pricing of Block 2 energy will do this to a small degree, while seasonal pricing of Block 1 energy or demand would have a more substantial effect.

Hydro and the Board can also review alternative approaches to the frequency with which the Block 2 price is updated. One approach would be to update the price with every rate application, in the same manner as other rates. An improvement would be to allow annual or seasonal updates to this price so that customers are told the most recent information about the marginal cost of energy. A small part of a customer's bill would become more variable but the improved efficiency of communicating accurate marginal prices to customers offers potential system benefits. Hydro adopts this approach with respect to non-firm load pricing. Those prices, differentiated by peak and off-peak periods, are announced monthly, a few days in advance of the start of the month. Announcing the seasonal Block 2 energy price somewhat before each season would achieve the same improved match between price and cost to serve.

A third rate design variant would be to make the HOU design customer-specific with respect to the HOU block boundary. This approach has the effect of removing the customer's load factor relative to the class load factor as an issue in determining the share of usage that ends up in Block 2. If load factors vary widely, customer-specific boundaries can "customize" the design. Four of Hydro's six Island Industrial customers' load factors lie between 60% and 85%. The remaining customers have load factors of about 45%.

However, this approach has an incentive problem in that a customer whose load factor declines in one year expect relief against load factor reduction by means of adjustment of the block boundary to reflect their reduced load factor. For example, a customer with a 60% load factor and a block boundary of 90% of that load factor could have their load factor diminish to 50% and still in the next year have the same percentage of their load in Block 2. To oppose this incentive, the utility might require that a customer have a minimum load factor, adjustable only with a lag. While such an approach is feasible, it is potentially administratively burdensome. The combination of the incentives problem and the potential administrative complications suggest that the utility might prefer the class-wide approach, provided that selection of an HOU block boundary still permits customers to reach the second energy block in most months.

For purposes of analysis, we considered the first and second alternatives as candidates for review of bill impacts, judging the third to be of less utility due to its possibly negative incentive properties and higher rate maintenance costs.

2.3 Treatment of Non-Firm Load

The current Island Industrial rate design makes provision for non-firm load. The customer pays for energy in excess of their PO at a non-firm energy price. While this price used to reflect the marginal cost of thermal generation at Hydro and did not vary with time, the new price regimen is based on Hydro's marginal cost of energy in the wholesale markets of eastern North America. There is an on-peak and off-peak price, each varying monthly, and announced some days prior to the start of each month.[6] There is considerable variation between winter and non-winter prices but only slight differentiation in each month between the prices of the two periods.[7]

As in other jurisdictions, non-firm power allows the utility to sell above contract demand without a firm commitment, and customers can obtain power, when available, at a market-based price set independent of embedded cost-based revenue recovery. The question arises whether the HOU design can accommodate retention of the non-firm energy provision of the current design.

Under the standard HOU design in which all load is treated as firm, the utility needs only each billing period's cumulative usage and peak demand readings to determine billing quantities (Block 1 and 2 usage and billing demand) and to bill the customer. Billed demand, however defined, is then multiplied by the HOU boundary criterion to obtain the Block 1 consumption maximum value. All excess consumption is put in Block 2.

At most utilities, a customer's billed demand is simply their metered demand that month, or a function of multiple measures such as metered demand from the current billing period, contract demand, or (a portion of) a maximum demand recorded in a peak season within the past year. (This last component is known as the "ratchet" provision.) These components, taken together, tend to produce stability from month to month in billed demand, and thus stability in the share of load within each block, assuming stable average usage. Non-firm load tends not to count in this computation. Hydro uses a combination of values to determine its billed demand under the current rate design: metered current demand, Power on Order for this year and a portion of the preceding year's PO, to avoid large drops in demand cost recovery should peak demand drop rapidly.[8]

Hydro's computation of billed demand should suffice for an HOU design as well. In practice, most customers will be able to use their Power on Order as a stable metric of billed demand. Under the current rate design, a customer can adjust their PO upward with some flexibility but downward only annually, so they must be careful in considering an increase. The revision of non-firm pricing reduces the customer's exposure to high prices, which are now concentrated in the peak winter season.

Under the HOU design, customers will retain this demand management strategy but will have an additional incentive in that an increase in PO will shift energy from Block 2 to Block 1. In the winter season, energy prices are expected to be similar between blocks, at least in the near

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[6] The on-peak hours are 7:00 am to 10:00 pm (NL time) Monday to Friday during winter months and 8:00 am to 10:00 p m Monday to Friday in non-winter months. All other hours are off-peak. Prices must exceed the posted energy charge in Rate No. 2.4L. (See Rate No. 5L for details.)

[7] Additionally, at times of extreme shortage, when Hydro's thermal plants are at the margin, the non-firm price is based on these plants' marginal cost.

[8] The full description can be found in each customer's service agreement.

term. However, in the non-winter months, an increase in PO will trigger an increase in the energy charge as load shifts from the low-priced Block 2 to the higher priced Block 1.

3. ASSUMPTIONS OF THE ANALYSIS

Christensen Associates Energy Consulting developed a model that calculates Island Industrial customer bills, first under the current rate design at current prices, then using updated prices required to recover the utility's target forecasted revenues. (Both calculations use forecasted customer usage and demand levels for calendar 2027.) Finally, the model uses the new HOU rate design at price levels sufficient to recover the same class forecasted revenue requirement for 2027. The model produced results for alternative levels of demand price and HOU block boundary, but with fixed Block 2 pricing as defined by Hydro's marginal cost forecast of late 2025.

Customer usage. Hydro provided historical fifteen-minute load profiles for several years concluding with the end of 2025. The utility also provided forecasted levels of monthly consumption and Power on Order for each of the current Island Industrial customers for multiple future years. The model makes use of 2025 loads, translated forward to 2027, matching days of the week and daylight savings hours. We reviewed past years' usage to evaluate whether the 2025 loads had temporal variations not likely to be repeated in a future year. The 2025 loads were then scaled to produce the annual total usage of Hydro's 2027 forecast.[9]

[redacted]

[redacted]

[redacted]

Prices for the Current Design. Two sets of prices yield bills under this design. The first set is drawn from the current tariff sheets of the utility.[10] The second set is produced by dividing

[9] The forecast matched annual but not monthly totals, but monthly departures from Hydro's forecasts were relatively modest. Additionally, peak demands in the interval data were not matched to Hydro's Power on Order forecasts, and resulting changes in billed demand were allowed to occur, modestly altering demand pricing in the existing rate designs and in the HOU design.

[10] The tariff book from which these prices are taken is dated July 1, 2025.

forecasted revenue requirements, classified as customer-, demand, and energy-related, by forecasted billing quantity totals. The customer-related revenue requirement consists of each customer's forecasted specifically assigned charges, where applicable. These charges are included identically in both scenarios for the purposes of inclusion in the customer base used to calculate percentage bill impacts. The model permits the selection of a demand price for the current design. Any price short of full recovery of demand-related costs causes the energy price to be increased above energy related cost to serve, to recover remaining demand-related costs. We used a price of $12.00 per kW-month, a modest increase from the current price of $10.73 per kW-month.

Prices for the HOU Design. The specifically assigned charges were retained for the prospective HOU design. Several demand prices were explored in order to evaluate their effect on the Block 1 energy price, along with customer bills.[11] The Block 2 energy price was calculated based on forecasted export prices on both an annual and seasonal basis. (The seasons are as currently defined, with winter covering December through March and all other months being regarded as non-winter. The pattern of export prices confirms that this seasonal division is sensible.) The level of prices reflects current Hydro forecasts for 2027.

The Block 1 price is the vehicle, in addition to demand price, for recovering required revenue. Energy-related financial costs, and any demand-related costs not recovered by a utility's demand charge must be recovered in the Block 1 price. The utility's rate design challenge is to ensure that customers have some Block 2 usage (and thus face an efficient marginal price) in most months, so the threshold for Block 2 must be low enough to achieve this. Lowering the HOU (or load factor) threshold reduces the Block 1 usage upon which the burden of revenue recovery falls, thereby requiring that the utility raise the Block 1 price as it reduces the threshold. CA Energy Consulting constructed its model to ensure revenue sufficiency, with the Block 1 price abiding by this rule.

The HOU analysis explored a range of HOU boundaries that are all less than the HOU equivalent of class average load factor. Using PO as the basis for calculating peak demand, the class load factor under the current forecast for 2027 demand and energy turns out to be about 77%, or about 552 HOU. The analysis uses a range of HOU block boundaries of 200 to 400 HOU, roughly 36 to 71% of the class average We used this range to evaluate how bill impacts are affected and how the number of months with Block 2 usage is affected.

4. ANALYSIS RESULTS

4.1 Overview

It is worthwhile to summarize the billing aggregate information for the Island Industrial customers that was used in the analysis. Table 1 presents annual usage and peak demand information by customer. Customers vary widely in level of usage and in load factor, as defined by PO. [redacted]

[11] The model allows for selection of alternative demand prices, with the change in revenue requirement being incorporated in the Block 1 energy price.

Tables 2, 3, and 4 appear on the following pages, with each table presenting bill impacts for a different demand price for the HOU design (and a constant $12.00 per kW-month for the current design). The top, middle and bottom panels of each table report results for Block 1:2 boundaries of 400, 300, and 200 hours of use. Table 2 presents bill impacts for an HOU design with a demand price of $12.00 per kW. Table 3 presents the extreme of no demand charge, i.e., a demand price of $0.00 per kW. Table 4 provides the intermediate value of $5.50 per kw. This last price represents a strategy of setting the demand price at or near the price of demand for Newfoundland Power under the Utility rate.

(Please see next page.)

Table 1. Industrial Customer Baseline Data[12]

	1	2	3	4	5	6	Total
Usage	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Share of Class	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Power on Order	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Load Factor	84.8%	77.5%	36.1%	75.9%	69.5%	100.0%	76.7%
<u>Bills</u>							
Current Rate, Current Price	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Current Rate, Updated Price	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

[12] The usage numbers in the table are derived from the hourly modeling of forecasted load and may differ modestly from Hydro's aggregate forecast.

Table 2. Bill Impacts with Demand Price of $12.00 per kW-Month

Block 1:2 Boundary: 400 HOU (71% of Class Load Factor)

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate	[redacted]						
Bill Impact	[redacted]						
Bill Impact Pct.	0.9%	0.0%	-0.9%	0.6%	-3.0%	1.8%	0.0%
Mos. w/ zero Block 2 Usage	-	1	12	1	1	-	15

Block 1:2 Boundary: 300 HOU (54% of Class Load Factor)

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate	[redacted]						
Bill Impact	[redacted]						
Bill Impact Pct.	0.8%	0.2%	0.3%	0.8%	-3.6%	1.7%	0.0%
Mos. w/ zero Block 2 Usage	-	-	7	1	-	-	8

Block 1:2 Boundary: 200 HOU (36% of Class Load Factor)

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate	[redacted]						
Bill Impact	[redacted]						
Bill Impact Pct.	0.7%	0.1%	2.3%	0.9%	-3.7%	1.7%	0.0%
Mos. w/ zero Block 2 Usage	-	-	5	-	-	-	5

Table 3. Bill Impacts with Demand Price of $0.00 per kW-Month

Block 1:2 Boundary: 400 HOU (71% of Class Load Factor)

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate							
Bill Impact							
Bill Impact Pct.	1.4%	0.1%	-15.2%	0.3%	-2.7%	2.3%	0.0%
Mos. w/ zero Block 2 Usage	-	1	12	1	1	-	15

Block 1:2 Boundary: 300 HOU (54% of Class Load Factor)

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate							
Bill Impact							
Bill Impact Pct.	1.0%	0.4%	-8.0%	0.6%	-3.3%	1.9%	0.0%
Mos. w/ zero Block 2 Usage	-	-	7	1	-	-	8

Block 1:2 Boundary: 200 HOU (36% of Class Load Factor)

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate							
Bill Impact							
Bill Impact Pct.	0.7%	0.1%	-1.1%	0.9%	-3.6%	1.7%	0.0%
Mos. w/ zero Block 2 Usage	-	-	5	-	-	-	5

Table 4. Bill Impacts with Demand Price of $5.50 per kW-Month

Block 1:2 Boundary: 400 HOU (71% of Class Load Factor)

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate							
Bill Impact							
Bill Impact Pct.	1.2%	0.1%	-8.6%	0.4%	-2.8%	2.1%	0.0%
Mos. w/ zero Block 2 Usage	-	1	12	1	1	-	15

Block 1:2 Boundary: 300 HOU (54% of Class Load Factor)

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate							
Bill Impact							
Bill Impact Pct.	0.9%	0.3%	-4.2%	0.7%	-3.5%	1.8%	0.0%
Mos. w/ zero Block 2 Usage	-	-	7	1	-	-	8

Block 1:2 Boundary: 200 HOU (36% of Class Load Factor)

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate							
Bill Impact							
Bill Impact Pct.	0.7%	0.1%	0.4%	0.9%	-3.7%	1.7%	0.0%
Mos. w/ zero Block 2 Usage	-	-	5	-	-	-	5

Table 2, with a demand charge of $12.00 per kW, reveals that bill impacts are moderate for all customers for all three block boundary scenarios. Bill impacts range from a decrease of 3.7% to an increase of 2.3%, but the range for each individual customer is narrower. Five customers reach Block 2 in at least 11 months in all scenarios. The lowest load factor customer fails to reach Block 2 when the HOU block boundary is set at 400 but reaches Block 2 in seven months when the block boundary is 200 HOU. This customer's load factor is somewhat seasonal. When the block boundary is 200 HOU, they reach Block 2 in all winter months but not in several non-winter months.

When the demand price is lowered to zero (the "pure" HOU design) similar results occur, as Table 3 shows. At the highest HOU block boundary (400 HOU), in the top panel, the Block 1 energy price is low enough that low load factor customers experience bill decreases. In fact, the customer with the lowest load factor experiences a substantial bill reduction relative to the current rate. The loss of the demand charge is only partly offset by the relatively large Block 1 charge, when compared with that of lower block boundaries.

Table 4 presents similar results for an intermediate level of demand price, set at $5.50 per kW. (This level is chosen to approximate the expected demand price level of the Utility rate. Thus, this scenario is one in which prices and the rate structure are designed to parallel those of the Utility rate: a block design with seasonal marginal cost-based tail block pricing and a similar demand price.) The bill impacts of this table are similar to those of Tables 2 and 3. Bill impacts continue to be moderate. The customer with the lowest load factor experiences bill reductions for block boundaries of 300 and 400 HOU, but at lower percentages than the case of the zero demand price (Table 3).

In all three tables, an HOU level of 300 hours is sufficient to allow most customers in most months to achieve usage in the second block, and thereby be exposed to marginal cost-based incremental energy prices. Hydro appears to have flexibility in choosing both the block boundary and the demand price level. With bill impacts being generally moderate, the question of demand price level comes down to price efficiency, i.e., the proximity of the customer's marginal price to add a kWh relative to the utility's marginal cost to provide it.

This question has two components. First, when the customer's usage level at any time is well below their PO level but is sufficient to reach the block boundary, the marginal price is just the Block 2 energy price plus the sum of the rider values per kWh. These latter values at present are, in combination, about $0.0175 per kWh, while the energy prices are $0.0889 per kWh in winter, and $0.0328 in non-winter months. (The current annual average price is $0.0511 per kWh.) Second, when the customer's usage level at any time is close to their PO level, the marginal price of adding a kWh of consumption is the above values plus the product of the likelihood of setting a new peak and the change in the bill should the peak increase by a kW.[13] This change is the demand price per kW plus the change in the bill as some energy is moved from Block 2 to Block 1.

[13] In fact, the marginal price of setting a new peak is likely to be even higher due to the ratchet effects of the billed demand calculation. This month's peak demand increase can produce a multi-month impact on billed demand.

As the demand price falls, the block 1 price rises, so these changes are somewhat offsetting for alternative pricing scenarios. However, Hydro may prefer that the Block 1 price be above the Block 2 price as a visible encouragement to control load factor. If so, then a lower demand price is helpful in achieving this objective. Table 5 presents the pattern of prices when the demand price is $12.00 per kW. In all cases, the Block 1 energy price is below the winter Block 2 price. The ratio of Block 1 to Block 2 prices is below 1.0 in winter in all cases. This need not be a problem as long as the customer understands the bill implications of increasing consumption beyond their current peak demand.

Table 5. Prices with Demand Price of $12.00 per kW

Boundary Percent	36%	54%	71%
Boundary HOU	200	300	400
Demand Price		$12.00	
Energy Price			
Block 1	$0.0418	$0.0451	$0.0468
Block 2 - Winter		$0.0889	
Block 2 - Non-Winter		$0.0328	
Block 1:2 Price Ratio:			
Winter	0.471	0.508	0.527
Non-Winter	1.274	1.374	1.425
(>1.0=declining block)			

At the other extreme, with a demand price of $0.00 per kWh, the Block 1 prices are considerably higher than in the previous case. The block price ratios in winter are greater than 1.0 only when the boundary is as low as 200 HOU. A boundary of 300 HOU yields a nearly flat energy price regardless of usage in winter, while a boundary of 400 HOU produces an inclining block energy price.

Table 6. Prices with Demand Price of $0.00 per kW

Boundary Percent	36%	54%	71%
Boundary HOU	200	300	400
Demand Price		$0.00	
Energy Price			
Block 1	$0.1019	$0.0854	$0.0774
Block 2 - Winter		$0.0889	
Block 2 - Non-Winter		$0.0328	
Block 1:2 Price Ratio:			
Winter	1.146	0.961	0.871
Non-Winter	3.101	2.600	2.357
(>1.0=declining block)			

At the intermediate level of $5.50 per kW, the rate is inclining block in energy alone for all boundary alternatives.

Table 7. Prices with Demand Price of $5.50 per kW

Boundary Percent	36%	54%	71%
Boundary HOU	200	300	400
Demand Price		$5.50	
Energy Price			
Block 1	$0.0743	$0.0669	$0.0634
Block 2 - Winter		$0.0889	
Block 2 - Non-Winter		$0.0328	
Block 1:2 Price Ratio:			
Winter	0.836	0.753	0.713
Non-Winter	2.263	2.038	1.930
(>1.0=declining block)			

As noted above, the customer's perspective on the price to add (or reduce) consumption is not just the energy price plus the sum of the rider values, but also contains a demand component, whenever the customer is close to setting a new peak demand (increasing their PO). Typically, the customer will have a strong incentive to control peak demand regardless of the level of the Block 1 energy price relative to the Block 2 price.

As a result, Hydro has broad discretion in choosing a demand and Block 1 price configuration, assuming that customers understand the consequences of setting a new peak. Block 2 energy prices can vary both with the year and over longer periods of time since they need to reflect Hydro' marginal cost, as driven by wholesale market conditions. Thus, Hydro can allow other considerations, such as similarity to the Utility rate demand charge, or bill impact results, to guide its choice of prices and block boundary.

Additionally, customers are likely to value having a stable block boundary over time. However, Hydro should feel free to modify it with each rate case if measurable changes in class load factor occur. For example, if class load factor declines, reducing the boundary would allow Hydro to keep most customers eligible for Block 2 pricing in most months.

4.2 Cost Considerations

Information on cost to serve can provide confirmation of the merits of a rate design. Revenue requirements applied to forecasted billing determinants offers implicit cost-to-serve information based on an imputed energy-related unit cost of $0.0378 per kWh and a demand-related unit cost of $17.54 per kW-month. Table 8 presents estimates of cost to serve by customer and cost causative factor, and both overall and energy- and demand-related cost per kWh (i.e., excluding customer-related costs).

Table 8. Cost by Causative Factor, Cost per kWh[14]

	1	2	3	4	5	6	Total
Customer	[redacted]						
Demand							
Energy							
Total							
per kWh	$0.0669	$0.0688	$0.1147	$0.0703	$0.0725	$0.0632	$0.0698
E&D per kWh	$0.0661	$0.0688	$0.1043	$0.0694	$0.0724	$0.0618	$0.0691

Cost to serve is dependent on load factor, with the lowest load factor customer having E&D cost per kWh of about $0.10 per kWh and the high load factor customers at about $0.07 per kWh on average. These costs to serve can be compared with selected rate designs to develop revenue-to-cost ratios. This is done below for a candidate preferred price scenario.

Another consideration of possible significance to Hydro and its customers is the seasonality of the HOU design. The current design has no seasonal pricing, while the HOU design can charge for the second block of energy at a rate that reflects Hydro's marginal costs of generation services, which are quite seasonal. The size of that impact appears for the chosen scenario below.

4.3 Seasonal vs. Non-Seasonal Block 2 Pricing

Hydro also has the option to make the Block 2 price annual rather than seasonal, retaining thereby the non-seasonal pricing of the current design. From both a theoretical and practical perspective this alternative is not likely to be attractive to the utility. Theoretically, it is desirable to convey to customers the marginal cost with accuracy. While an hourly or time-of-use price might be worthy of consideration for a rate with interval metering, an annual or seasonal Block 2 price allows Hydro and its customers to bill based on monthly usage and demand as is currently done. A seasonal pattern permits customers to see what Hydro sees in the large: non-winter incremental load is less expensive to provide than is winter load. From a practical perspective, Hydro is already billing its Utility customer seasonally. Large industrial customers would find such pricing within their capabilities too.

However, customers may not welcome the seasonal pattern in billing amounts. Winter bills will rise and non-winter bills will fall. To see the effect of seasonal Block 2 pricing, see Table 11, below, for one of the seasonal designs reviewed above. In contrast, non-seasonal Block 2 pricing would yield similar bill impacts throughout the year.

Table 12, below, reveals that, for the candidate preferred design presented in the next section, non-seasonal Block 2 pricing produces bill impacts that are quite similar to those found in Table 9. Table 13 then shows how the seasonal pattern of bill impacts of Table 11 is neutralized.

Hydro's issue is whether to convey to its Island Industrial customers how its own generation costs have changed, moving in the direction of seasonal costs, with the result that the costs of the customers become more seasonal as well. The availability of low-cost non-winter load in Block 2 may be a determining factor for customers. For the utility, and possibly for regulators, applying seasonal differentiation to Block 2 pricing offers the benefit of pricing efficiency in

[14] Costs are independent of the rate design, being based on the unit costs inferred in the analysis.

addition to the general benefit of stable revenues matching stable costs that the HOU design provides.

4.4 Candidate Preferred Design

Hydro's embedded costs are low enough, relative to its winter season marginal costs, to produce an HOU design that is inclining block in winter in most scenarios and declining block in non-winter, with respect to the energy price only. However, throughout the year, in scenarios with a non-zero demand price, the customer has a strong incentive control peak demand. As a result, Hydro has discretion in how it sets the HOU block boundary and the demand price.

Given this discretion, Hydro may find it useful to choose a rate structure in which the demand price approximates or equals that of the Utility rate. In the scenarios above, this is represented by a demand price of $5.50 per kW-month. Reviewing the bill impacts found in Table 4, above, it appears that choosing a block boundary of 300 HOU results in all customers but one attaining Block 2 consumption in virtually all months. In this case, they reach Block 2 in five months, all ow which turn out to be in the non-winter period. Thus, low-cost load building is available to them in several months. Table 9, below, reproduces the bill impact results of this design.

These rates also yield revenue:cost ratios close to 1.0, as does the current rate, with one exception. The lowest load factor customer with the highest cost to serve has a revenue:cost ratio at or below 90%. Table 10 presents these results. Moving to an HOU design, at least for the scenario chosen, does not appear to produce problematic differences within the class.

The move to seasonal pricing alters customer bills in terms of seasonal billings. For the candidate design, the four winter bills increase an average of 24.7%, offset by reductions in the eight non-winter bills of 12.1%. Table 11 provides customer-specific results.

(Please see next page.)

Table 9. Bill Impacts with a 300 HOU Block Boundary and a Demand Price of $5.50 per kW-Month

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate	[redacted]						
Bill Impact	[redacted]						
Bill Impact Pct.	0.9%	0.3%	-4.2%	0.7%	-3.5%	1.8%	0.0%
Mos. w/ zero Block 2 Usage	-	-	7	1	-	-	8

Table 10. Revenue:Cost Ratios for the Current and Candidate HOU Designs

	1	2	3	4	5	6	Total
Rev. per kWh, cur. Rate	[redacted]						
Rev. per kWh, HOU	[redacted]						
Cost per kWh	[redacted]						
R/C Ratio, cur. Rate	1.014	1.002	0.903	0.999	0.986	1.037	1.000
R/C Ratio, HOU	1.021	1.003	0.907	1.007	0.950	1.054	1.000

Table 11. Seasonality of Bill Impacts, Candidate Preferred Scenario

	1	2	3	4	5	6	Total
Winter							
Cur. Rate, New RR	[redacted]						
New Rate	[redacted]						
Bill Impact	[redacted]						
Bill Impact Pct.	29.1%	25.5%	4.7%	25.6%	14.8%	35.4%	24.7%
Non-Winter							
Cur. Rate, New RR	[redacted]						
New Rate	[redacted]						
Bill Impact	[redacted]						
Bill Impact Pct.	-13.0%	-12.0%	-9.8%	-11.9%	-11.4%	-14.9%	-12.1%

Table 12. Bill Impacts from Non-Seasonal Block 2 Pricing, 300 HOU Boundary, $5.50 per kW Demand

	1	2	3	4	5	6	Total
Current Rate	[redacted]						
HOU Rate							
Bill Impact							
Bill Impact Pct.	0.6%	0.1%	-6.9%	-0.1%	-0.4%	1.3%	0.0%
Mos. w/ zero Block 2 Usage	-	-	7	1	-	-	8

Table 13. Seasonality of Bill Impacts with Non-Seasonal Block 2 Pricing

	1	2	3	4	5	6	Total
Winter							
Cur. Rate, New RR	[redacted]						
New Rate							
Bill Impact							
Bill Impact Pct.	0.4%	0.0%	-2.2%	0.0%	-1.3%	1.2%	-0.1%
Non-Winter							
Cur. Rate, New RR	[redacted]						
New Rate							
Bill Impact							
Bill Impact Pct.	0.6%	0.2%	-9.8%	-0.2%	0.0%	1.3%	0.0%

5. FINDINGS

The review of the HOU design highlighted the rate's core features of segmentation of revenue recovery from marginal cost-based pricing while retaining the data simplicity of using traditional billing quantities (kW and kWh) for bill computation. The algebra of Block 1 pricing is clear, with a focus on revenue sufficiency. A seasonal Block 2 price, modified at least annually to reflect changes in wholesale market prices and thus Hydro's generation marginal cost, provides customers with marginal cost-based pricing of incremental and decremental load in most months. Seasonal pricing has the virtue of setting a higher marginal price in winter months and a lower price in other months, matching retail marginal price to Hydro's forecasted marginal cost.

The analysis of customer bill impacts of the introduction of an HOU rate design to serve Island Industrial customers indicates that, for most parameter configurations, bill impacts will likely be moderate. Customers with higher load factors more readily achieve Block 2 usage in most months but even the lowest load factor customer appears to face moderate bill impacts in most scenarios.

The analysis considered a range of Block 1 price and demand price alternatives along with alternative block boundaries. Reducing the demand price under the HOU design simply converts a quasi-lump sum demand charge into a quasi-lump sum energy charge that is incorporated into the Block 1 charge. Low load factor customers can sometimes benefit relative to high load factor customers, since the metric for charging for demand is converted to an energy metric. However, for most demand prices, the rise in Block 1 energy price as the demand price falls counterbalances the reduction in demand charge with an increase in Block 1 charges, and these latter charges make up a greater share of the bill for low load factor customers than for those with higher load factors.

Based on the foregoing analysis, Hydro may prefer a design with a $5.50 per kW demand price and a 300 HOU block boundary (currently 54% of class load factor). This results in modest bill impacts relative to the current design. Other choices can readily be made, though, if alternative bill impacts recommend themselves.

Exhibit 18

Correspondence from Government of Newfoundland and Labrador

Newfoundland & Labrador

Government of Newfoundland and Labrador
Department of Energy and Mines
Office of the Minister

May 26, 2026

Jennifer Williams
Chief Executive Officer
Newfoundland and Labrador Hydro
Hydro Place, 500 Columbus Drive
P.O. Box 12400,
St. John’s, NL
Canada, AIB 4K7

Dear Jennifer Williams:

RE: General Rate Application

Affordability is a top priority for the Government of Newfoundland and Labrador. We are committed to pursuing targeted relief and taking practical steps to ease cost-of-living pressures, while maintaining reliable essential services for households and businesses.

As the calculated average rate increase for Labrador Interconnected customer rates is approximately 8.5 per cent, Government is writing to express support for a rate-smoothing approach of 2.25 per cent per year, for a period of four years to phase in the rate increase within your upcoming General Rate Application. This approach would reduce the impact of potential rate increases and help provide greater predictability for customers.

I trust this expression of support will assist as you prepare to file your General Rate Application for review by the Public Utilities Board.

Please do not hesitate to reach out to my office should you require any further information or clarification.

Sincerely,

HON. LLOYD PARROTT, MHA
District of Terra Nova
Minister

Exhibit 19

2027 Revenue Deficiency Summary

2027 Revenue Deficiency Summary
($000)

Customer Group	Jan. to June 2027 Revenue	July to Dec. 2027 Revenue	Total 2027 Test Year Revenue	2027 Test Year Costs	Deficiency / (Excess)	Recovery/Transfers: Supply Cost Variance Deferral Account	Recovery/Transfers: Frequency Converter	Recovery/Transfers: Return on Equity Deferral Account	Balance
	(A)	(B)	(C) = (A) + (B)	(D)	(E) = (D) - (C)	(F)	(G)	(H)	
IIC Demand & Energy	19,298	20,478	39,776	42,402	2,627				
IIC Specifically Assigned - Deferral	159	207	366	413	48				
IIC Total	**19,457**	**20,684**	**40,141**	**42,816**	**2,674**	**(2,674)**			-
Newfoundland Power	318,633	258,096	576,729	636,812	60,083	(60,083)			-
Labrador Interconnected	11,896	8,806	20,702	22,231	1,528		(98)	45	1,475
Government Rural[1]	1,470	1,203	2,673	2,824	151				151
Labrador Industrial	2,834	4,585	7,419	9,172	1,753		(26)	11	1,738
Total	**354,291**	**293,375**	**647,665**	**713,854**	**66,189**	**(62,757)**	**(124)**	**56**	**3,364**

[1] Includes recovery of deficiency starting July 1, 2027 in rates.

Exhibit 20

Proposed Revision to Schedule of Rates, Rules and Regulations – Utility Definitions

Generation Credit

Current:

"Generation Credit" refers to Newfoundland Power Inc.'s ("Newfoundland Power") net generation capacity less allowance for system reserve, as follows:

	kW
Hydraulic Generation Credit	83,486
Thermal Generation Credit	34,568
Newfoundland Power Generation Credit	**118,054**

In order to continue to avail of the Generation Credit, Newfoundland Power must demonstrate the capability to operate its generation to the level of the Generation Credit. This will be verified in a test by operating the generation at a minimum of this level for a period of one hour, as measured by the generation demand metering used to determine the Native Load. The test will be carried out at a mutually agreed time between December 1 and March 31 each year. If the level is not sustained, Newfoundland Power will be provided with an opportunity to repeat the test at another mutually agreed time during the same December 1 to March 31 period. If the level is not sustained in the second test, the Generation Credit will be reduced in calculating the associated billing demands for January to December to the highest level that could be sustained.

Proposed:

"Generation Credit" refers to Newfoundland Power's net thermal generation capacity less allowance for system reserve and hydraulic credit calculated on historical average generation at time of system peak, as follows:

	kW
Hydraulic Generation Credit	64,000
Thermal Generation Credit	39,299
Newfoundland Power Generation Credit	**103,299**

In order to continue to avail of the Generation Credit, Newfoundland Power must demonstrate the capability to operate its generation to the level of the Generation Credit. This will be verified separately for both the hydraulic and thermal generation credit components in a test by operating the generation at a minimum of the level of the respective generation credit for a period of one hour, as measured by the generation demand metering used to determine the Native Load. The test will be carried out at a mutually agreed time between December 1 and March 31 each year. If the level is not sustained for each component, Newfoundland Power will be provided with an opportunity to repeat the test at another mutually agreed time during the same December 1 to March 31 period. If the level is not sustained in the second test in total, the Generation Credit will be reduced in calculating the associated billing demands for January to December to the highest level that could be sustained.