

**NEWFOUNDLAND AND LABRADOR
BOARD OF COMMISSIONERS OF PUBLIC UTILITIES**

AN ORDER OF THE BOARD

NO. P.U. 3(2016)

1 **IN THE MATTER OF** *the Electrical Power*
2 *Control Act, 1994*, SNL 1994, Chapter E-5.1 (the
3 “*EPCA*”) and the *Public Utilities Act*, RSNL 1990,
4 Chapter P-47 (the “*Act*”), as amended and regulations
5 thereunder; and
6

7 **IN THE MATTER OF** an Application by
8 Newfoundland Power Inc. (“Newfoundland
9 Power”) for approval of:
10

- 11 (i) revised distribution line costs per
12 metre for Contributions in Aid of
13 Construction (CIACs);
14 (ii) revised distribution plant upgrade
15 cost for CIACs; and
16 (iii) CIAC cost factors.
17
18

19 **WHEREAS** Order No. P.U. 4(1997-98) required, among other things, that:
20

21 Newfoundland Power file annually, together with an affidavit, a schedule of current costs,
22 and the effective CIAC Policy Appendices entitled, Distribution Plant Upgrade Cost for
23 CIACs, and both Residential and General Service Distribution Line Cost per Metre for
24 CIACs; and
25

26 **WHEREAS** Order No. P.U. 9(2015) approved the current CIAC Policy of Newfoundland Power,
27 effective March 25, 2015; and
28

29 **WHEREAS** on January 14, 2016 Newfoundland Power submitted for the Board’s review:
30

- 31 i) Revised Schedule A, Distribution Line Cost Per Metre for Domestic CIACs
32 (Appendix A, Page 1 of 1, to the Domestic Policy);
33 ii) Revised Schedule B, Distribution Line Cost Per Metre for General Service CIACs
34 (Appendix A, Page 1 of 1, to the General Service Policy);
35 iii) Revised Schedule C, Distribution Plant Support Table for General Service CIACs
36 (Appendix B, Page 1 of 1, to the General Service Policy); and


1 iv) Revised Schedule D, Additional Distribution Plant Upgrade Cost for General Service
2 CIACs (Appendix C, Page 1 of 1, to the General Service Policy); and
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4 **WHEREAS** the Board has reviewed the Schedules submitted by Newfoundland Power, as well as
5 the supporting information received with respect to these Schedules, and is satisfied the Schedules
6 should be approved.
7

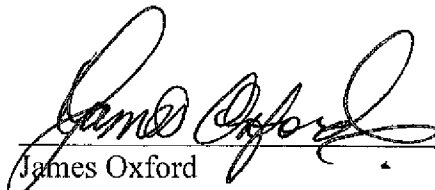
8
9 **IT IS THEREFORE ORDERED THAT:**

- 10
- 11 1. The revised cost factors in Schedules A, B, C and D attached to this Order are approved to be
12 used in the calculation of all CIACs with effect from February 17, 2016, and, where
13 advantageous to customers of Newfoundland Power, on all CIACs quoted but unpaid as of
14 February 17, 2016.
- 15
- 16 2. Newfoundland Power shall submit a revised CIAC Policy in its entirety incorporating the
17 revisions approved herein.
- 18
- 19 3. Newfoundland Power shall pay the expenses of the Board arising from this Application.


DATED at St. John's, Newfoundland and Labrador this 10th day of February 2016.



Darlene Whalen, P.Eng.
Vice-Chair



James Oxford
Commissioner



Sara Kean
Assistant Board Secretary

NEWFOUNDLAND POWER INC.
DISTRIBUTION LINE COST PER METRE FOR DOMESTIC CIACs

TYPE OF CONSTRUCTION	COST / METRE ¹ \$
<u>LINE EXTENSIONS</u> SINGLE PHASE	35

¹ This cost factor does not include any costs for clearing or obtaining easements. When clearing is required, an additional charge of \$4.00 per metre will apply to the section of line beyond the distance of the Basic Investment. A \$400 charge will be applied for each required easement beyond the distance of the Basic Investment.

**NEWFOUNDLAND POWER INC.
DISTRIBUTION LINE COST PER METRE
FOR GENERAL SERVICE CIACs**

TYPE OF CONSTRUCTION	COST / METRE ¹ \$
<u>LINE EXTENSIONS</u>	
SINGLE PHASE	35
THREE PHASE	51
<u>UPGRADES ²</u>	
SINGLE PHASE TO THREE PHASE	46
TWO PHASE TO THREE PHASE	27

¹ These cost factors do not include any costs for clearing or obtaining easements. When clearing is required, an additional charge of \$4.00 per metre will apply to the section of line beyond the distance of the Basic Investment. A \$400 charge will be applied for each required easement beyond the distance of the Basic Investment.

² These costs include only the cost associated with primary conductors and related hardware in upgrades. For additional costs refer to Schedule D: Distribution Plant Upgrade Cost for General Service CIACs.

**NEWFOUNDLAND POWER INC.
 DISTRIBUTION PLANT SUPPORT TABLE
 FOR GENERAL SERVICE CIACs**

Annual Load Factor	Dollars per kW/kVA ¹
Less than 5%	93
5% - 9.9%	135
10% - 14.9%	148
15% - 19.9%	168
20% - 24.9%	181
25% - 29.9%	189
30% - 34.9%	201
35% - 39.9%	214
40% - 44.9%	225
45% - 49.9%	235
50% - 54.9%	242
55% - 59.9%	249
60% - 64.9%	260
65% - 69.9%	265
70% and Over	270

¹The Additional Load based Investment, which applies to customers with a maximum annual demand exceeding 10 kW, will be determined by multiplying (i) the estimated maximum annual demand, less 10 kW, and (ii) the appropriate dollars per kW/kVA.

**NEWFOUNDLAND POWER INC.
DISTRIBUTION PLANT UPGRADE COST
FOR GENERAL SERVICE CIACs**

TYPE OF TRANSFER OR REPLACEMENT	COST ¹ (\$)
REPLACE POLES - UP TO 45'	2,230
ADDITIONAL POLES	1,310
DISTRIBUTION SECONDARY PER POLE / SPAN	
Transfer Only	800
Replace Conductor	980
SERVICE DROP PER POLE / SPAN	
Transfer Only	80
Replace Conductor	140
TRANSFORMER MOUNTINGS	
Single Transformer	950
Two or Three Transformers	2,320
POLE GUY	
Transfer Only	40
Replace Guy	80
REPLACE ANCHOR	560
ADDITIONAL ANCHOR	300
STREETLIGHTING - TRANSFER SINGLE FIXTURE	240
STREETLIGHTING DUPLEX PER POLE / SPAN	
Transfer Only	80
Replace Conductor	140
UNWARRANTED THREE PHASE CONSTRUCTION COST (SERVICE DROP, METER & TRANSFORMER)	
New Service	8,600
Upgrade Single Phase to Three Phase	5,000
Upgrade Two Phase to Three Phase	2,200
VALUE OF SINGLE PHASE BASIC INVESTMENT	6,100

¹Includes all overheads.