

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

**AN ORDER OF THE BOARD**

**NO. P.U. 40(2017)**

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** a filing by Newfoundland  
8 Power Inc. in accordance with Order No. P.U. 4(1997-98)  
9 to update the cost factors used in its Contribution in Aid of  
10 Construction Policy.  
11  
12

13 **WHEREAS** Newfoundland Power Inc. (“Newfoundland Power”) is a corporation duly organized  
14 and existing under the laws of the Province of Newfoundland and Labrador, is a public utility within  
15 the meaning of the *Act*, and is also subject to the provisions of the *EPCA*; and  
16

17 **WHEREAS** on November 24, 2017 Newfoundland Power submitted an update to the cost  
18 factors used in its Contribution in Aid of Construction (“CIAC”) Policy to be effective January 1,  
19 2018, including:  
20

- 21 i) Revised Schedule A, Distribution Line Cost Per Metre for Domestic CIACs;  
22 ii) Revised Schedule B, Distribution Line Cost Per Metre for General Service CIACs;  
23 iii) Revised Schedule C, Distribution Plant Support Table for General Service CIACs; and  
24 iv) Revised Schedule D, Distribution Plant Upgrade Cost for General Service CIACs; and  
25

26 **WHEREAS** Order No. P.U. 4(1997-98) required, among other things, that:  
27

28 Newfoundland Power file annually, together with an affidavit, a schedule of current costs,  
29 and the effective CIAC Policy Appendices entitled, Distribution Plant Upgrade Cost for  
30 CIACs, and both Residential and General Service Distribution Line Cost per Metre for  
31 CIACs; and  
32

33 **WHEREAS** the current CIAC Policy of Newfoundland Power effective January 1, 2017 was  
34 approved in Order No. P.U. 51(2016); and  
35

36 **WHEREAS** the Board has reviewed the schedules submitted by Newfoundland Power, as well as  
37 the supporting information received with respect to these schedules, and is satisfied the revised cost  
38 factors should be approved.

1 **IT IS THEREFORE ORDERED THAT:**

- 2
- 3 1. The revised cost factors as set out in Schedules A, B, C and D to this Order are approved to
- 4 be used in the calculation of all CIACs with effect from January 1, 2018, and, where
- 5 advantageous to the customer, on all CIACs quoted but unpaid as of January 1, 2018.
- 6
- 7 2. Newfoundland Power shall submit a revised CIAC Policy incorporating the revisions
- 8 approved herein.
- 9
- 10 3. Newfoundland Power shall pay the expenses of the Board arising from this Application.

**DATED** at St. John's, Newfoundland and Labrador this 7<sup>th</sup> day of December 2017.



\_\_\_\_\_  
Darlene Whalen, P.Eng.  
Vice-Chair



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Dwanda Newman, LL.B.  
Commissioner



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Cheryl Blundon  
Board Secretary

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

<b>TYPE OF CONSTRUCTION</b>	<b>COST / METRE <sup>1</sup></b> \$
<u>LINE EXTENSIONS</u>  SINGLE PHASE	37

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<sup>1</sup> 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 <sup>1</sup> \$
<u>LINE EXTENSIONS</u>	
SINGLE PHASE	<b>37</b>
THREE PHASE	<b>53</b>
<u>UPGRADES <sup>2</sup></u>	
SINGLE PHASE TO THREE PHASE	<b>47</b>
TWO PHASE TO THREE PHASE	<b>28</b>

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<sup>1</sup> 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.

<sup>2</sup> 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 <sup>1</sup>
Less than 5%	<b>105</b>
5% - 9.9%	<b>152</b>
10% - 14.9%	<b>166</b>
15% - 19.9%	<b>189</b>
20% - 24.9%	<b>204</b>
25% - 29.9%	<b>213</b>
30% - 34.9%	<b>227</b>
35% - 39.9%	<b>241</b>
40% - 44.9%	<b>254</b>
45% - 49.9%	<b>264</b>
50% - 54.9%	<b>272</b>
55% - 59.9%	<b>280</b>
60% - 64.9%	<b>292</b>
65% - 69.9%	<b>297</b>
70% and Over	<b>302</b>

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<sup>1</sup>The 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 <sup>1</sup> (\$)
REPLACE POLES - UP TO 45'	2,390
ADDITIONAL POLES	1,390
DISTRIBUTION SECONDARY PER POLE / SPAN	
Transfer Only	830
Replace Conductor	1,000
SERVICE DROP PER POLE / SPAN	
Transfer Only	80
Replace Conductor	140
TRANSFORMER MOUNTINGS	
Single Transformer	990
Two or Three Transformers	2,420
POLE GUY	
Transfer Only	40
Replace Guy	80
REPLACE ANCHOR	600
ADDITIONAL ANCHOR	320
STREETLIGHTING - TRANSFER SINGLE FIXTURE	250
STREETLIGHTING DUPLEX PER POLE / SPAN	
Transfer Only	80
Replace Conductor	140

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<sup>1</sup>Includes all overheads.