

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

AN ORDER OF THE BOARD

NO. P.U. 9(2015)

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. 8(2014) approved the current CIAC Policy of Newfoundland Power,
27 effective February 28, 2014; and
28

29 **WHEREAS** on January 30, 2015 Newfoundland Power submitted for the Board’s review:
30

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

1 iv) Schedule D, Additional Distribution Plant Upgrade Cost for General Service CIACs
2 (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.
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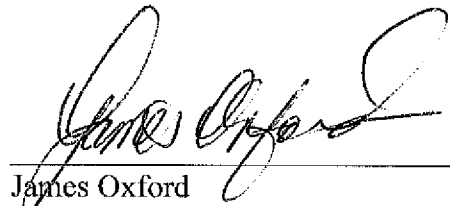
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9 **IT IS THEREFORE ORDERED THAT:**

- 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 March 25, 2015, and, where
- 13 advantageous to customers of Newfoundland Power, on all CIACs quoted but unpaid as of
- 14 March 25, 2015.
- 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.

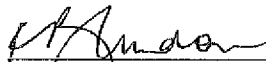
DATED at St. John's, Newfoundland and Labrador this 18th day of March, 2015.



Darlene Whalen, P.Eng.
Vice-Chair



James Oxford
Commissioner



Cheryl Blundon
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	34

¹This 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 \$350 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	34
THREE PHASE	49
<u>UPGRADES</u> ²	
SINGLE PHASE TO THREE PHASE	44
TWO PHASE TO THREE PHASE	26

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 \$350 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 Appendix C: 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%	92
5% - 9.9%	133
10% - 14.9%	146
15% - 19.9%	166
20% - 24.9%	179
25% - 29.9%	187
30% - 34.9%	198
35% - 39.9%	211
40% - 44.9%	222
45% - 49.9%	231
50% - 54.9%	238
55% - 59.9%	245
60% - 64.9%	256
65% - 69.9%	261
70% and Over	266

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'	2,180
ADDITIONAL POLES	1,290
DISTRIBUTION SECONDARY PER POLE / SPAN	
Transfer Only	770
Replace Conductor	940
SERVICE DROP PER POLE / SPAN	
Transfer Only	80
Replace Conductor	140
TRANSFORMER MOUNTINGS	
Single Transformer	920
Two or Three Transformers	2,250
POLE GUY	
Transfer Only	40
Replace Guy	70
REPLACE ANCHOR	560
ADDITIONAL ANCHOR	300
STREETLIGHTING - TRANSFER SINGLE FIXTURE	230
STREETLIGHTING DUPLEX PER POLE / SPAN	
Transfer Only	80
Replace Conductor	130
UNWARRANTED THREE PHASE CONSTRUCTION COST (SERVICE DROP, METER & TRANSFORMER)	
New Service	8,400
Upgrade Single Phase to Three Phase	4,800
Upgrade Two Phase to Three Phase	2,100
VALUE OF SINGLE PHASE BASIC INVESTMENT	6,000

¹Includes all overheads.