

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

AN ORDER OF THE BOARD

NO. P.U. 51(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. 3(2016) approved the current CIAC Policy of Newfoundland Power,
27 effective February 17, 2016; and
28

29 **WHEREAS** on December 5, 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
37 iv) Revised Schedule D, Distribution Plant Upgrade Cost for General Service CIACs

1 iv) Revised Schedule D, Distribution Plant Upgrade Cost for General Service CIACs
2 (Appendix C, Page 1 of 1, to the General Service Policy); and
3

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 revised cost
6 factors should be approved.
7

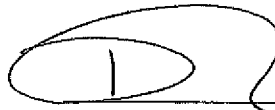
8
9 **IT IS THEREFORE ORDERED THAT:**

- 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 January 1, 2017, and, where
- 13 advantageous to the customer, on all CIACs quoted but unpaid as of January 1, 2017.
- 14
- 15 2. Newfoundland Power shall submit a revised CIAC Policy incorporating the revisions
- 16 approved herein.
- 17
- 18 3. Newfoundland Power shall pay the expenses of the Board arising from this Application.

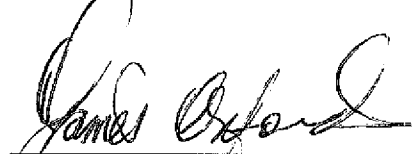
DATED at St. John's, Newfoundland and Labrador this 15th day of December 2016.



Darlene Whalen, P.Eng.
Vice-Chair



Dwanda Newman, LL.B.
Commissioner



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	37

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 \$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	37
THREE PHASE	53
<u>UPGRADES ²</u>	
SINGLE PHASE TO THREE PHASE	46
TWO PHASE TO THREE PHASE	28

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%	99
5% - 9.9%	143
10% - 14.9%	156
15% - 19.9%	178
20% - 24.9%	192
25% - 29.9%	201
30% - 34.9%	213
35% - 39.9%	226
40% - 44.9%	238
45% - 49.9%	248
50% - 54.9%	256
55% - 59.9%	263
60% - 64.9%	275
65% - 69.9%	280
70% and Over	285

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'	2,390
ADDITIONAL POLES	1,390
DISTRIBUTION SECONDARY PER POLE / SPAN	
Transfer Only	810
Replace Conductor	990
SERVICE DROP PER POLE / SPAN	
Transfer Only	80
Replace Conductor	140
TRANSFORMER MOUNTINGS	
Single Transformer	970
Two or Three Transformers	2,380
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

¹Includes all overheads.