

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

**AN ORDER OF THE BOARD**

**NO. P. U. 1(2008)**

1 **IN THE MATTER OF** the  
2 *Public Utilities Act*, RSNL 1990,  
3 Chapter p-47 (the “Act”)

4  
5 **AND**

6  
7 **IN THE MATTER OF** Order  
8 Nos. P. U. 4(1997-98) and P. U. 27(2005)

9  
10 **AND**

11  
12 **IN THE MATTER OF** an Application by  
13 Newfoundland Power Inc. (“Newfoundland  
14 Power”) for approval of:

- 15  
16 (i) revised distribution line cost per  
17 metre for Contributions in Aid of  
18 Construction (CIAC’s);  
19 (ii) revised distribution plant upgrade  
20 cost for CIAC’s; and  
21 (iii) revised CIAC cost factors

22  
23  
24 **WHEREAS** Order No. P. U. 4(1997-98) required among other things that:

25  
26 Newfoundland Power file annually, together with an affidavit, a schedule of current costs,  
27 and the effective CIAC Policy Appendices entitled, Distribution Plant Upgrade Cost for  
28 CIAC’s, and both Residential and General Service Distribution Line Cost per Metre for  
29 CIAC’s;

30 and

31  
32 **WHEREAS** Order Nos. P. U. 13(2007) and P. U. 19(2007) approved the current CIAC Policy of  
33 Newfoundland Power, effective May 15, 2007; and

1 **WHEREAS** by letter dated December 21, 2007 Newfoundland Power submitted for the Board's  
2 review:

- 3  
4 i) Revised Schedule A, Distribution Line Cost Per Metre for Domestic CIACs  
5 (Appendix A, Page 1 of 1, to the Domestic Policy);  
6 ii) Revised Schedule B, Distribution Line Cost Per Metre for General Service CIACs  
7 (Appendix A, Page 1 of 1, to the General Service Policy);  
8 iii) Revised Schedule C, Distribution Plant Support Table for General Service CIACs  
9 (Appendix B, Page 1 of 1, to the General Service Policy); and  
10 iv) Revised Schedule D, Distribution Plant Upgrade Cost for General Service CIACs  
11 (Appendix C, Page 1 of 1, to the General Service Policy); and  
12

13 **WHEREAS** the Board has reviewed the Schedules submitted by Newfoundland Power, as well as  
14 the supporting information received with respect to these Schedules, and is satisfied they should be  
15 approved.

16  
17 **IT IS THEREFORE ORDERED THAT:**  
18

- 19 1. The revised cost factors submitted with the Application and contained in the Schedules  
20 appended to this Order are approved to be used in the calculation of all CIAC's with effect  
21 from February 5, 2008, and, where advantageous to customers of Newfoundland Power, on  
22 all CIAC's quoted but unpaid as of February 5, 2008.  
23  
24 2. Newfoundland Power submit a revised CIAC Policy in its entirety incorporating the  
25 revisions approved herein.

DATED at St. John's, Newfoundland and Labrador this 31<sup>st</sup> day of January 2008.

\_\_\_\_\_  
Robert Noseworthy  
Chair and Chief Executive Officer

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

\_\_\_\_\_  
G. Cheryl Blundon  
Board Secretary

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

TYPE OF CONSTRUCTION	COST / METRE \$
Single Phase Line Extensions	25

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

TYPE OF CONSTRUCTION	COST / METRE \$
<u>LINE EXTENSIONS</u>	
Single Phase	25
Three Phase	35
<u>UPGRADES<sup>3</sup></u>	
Single Phase to Three Phase	33
Two Phase to Three Phase	20

<sup>3</sup> These costs include only the cost associated with primary conductors and related hardware in upgrades.  
For additional costs refer to Appendix C.

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

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Annual Load Factor	Dollars per kW/kVA <sup>4</sup>
Less than 5%	72
5% - 9.9%	104
10% - 14.9%	114
15% - 19.9%	130
20% - 24.9%	140
25% - 29.9%	147
30% - 34.9%	155
35% - 39.9%	165
40% - 44.9%	174
45% - 49.9%	181
50% - 54.9%	187
55% - 59.9%	192
60% - 64.9%	201
65% - 69.9%	206
70% and Over	211

<sup>4</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>5</sup> (\$)
REPLACE POLES - UP TO 45'	1,330
DISTRIBUTION SECONDARY PER POLE / SPAN	
Transfer Only	560
Replace Conductor	810
SERVICE DROP PER POLE / SPAN	
Transfer Only	60
Replace Conductor	140
TRANSFORMER MOUNTINGS	
Single Transformer	710
Two or Three Transformers	1,770
POLE GUY	
Transfer Only	30
Replace Guy	70
REPLACE ANCHOR	350
STREETLIGHTING - TRANSFER SINGLE FIXTURE	170
STREETLIGHTING DUPLEX PER POLE / SPAN	
Transfer Only	60
Replace Conductor	140
UNWARRANTED THREE PHASE CONSTRUCTION COST (SERVICE DROP, METER & TRANSFORMER)	
New Service	8,000
Upgrade Single Phase to Three Phase	4,500
Upgrade Two Phase to Three Phase	2,000
VALUE OF SINGLE PHASE BASIC INVESTMENT	5,500

<sup>5</sup> Includes all overheads.

