

1 **P. U. 13(2007)**
2
3

4 **IN THE MATTER OF** the
5 *Public Utilities Act*, RSNL 1990,
6 Chapter p-47 ("the Act")
7

8 **AND**
9

10 **IN THE MATTER OF** Order
11 Nos. P. U. 4(1997-98) and P. U. 27(2005)
12

13 **AND**
14

15 **IN THE MATTER OF** an Application by
16 Newfoundland Power Inc. ("Newfoundland
17 Power") for approval of:
18

- 19 (i) revised distribution line cost per
20 metre for Contributions in Aid of
21 Construction (CIAC's);
22 (ii) revised distribution plant upgrade
23 cost for CIAC's; and
24 (iii) revised CIAC cost factors
25
26

27 **WHEREAS** Order No. P. U. 4(1997-98) issued by the Board on the 4th day of August, 1997
28 required amongst other things that:
29

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

34 and
35

36 **WHEREAS** Order No. P. U. 7(2006) issued by the Board on February 14, 2006 approved the
37 current CIAC Policy of Newfoundland Power, effective February 1, 2006; and

1 **WHEREAS** by letter dated March 28, 2007 Newfoundland Power submitted for the Board's review:

- 2
- 3 i) Revised Schedule A, Distribution Line Cost Per Metre for Domestic CIACs
4 (Appendix A, Page 1 of 1, to the Domestic Policy);
- 5 ii) Revised Schedule B, Distribution Line Cost Per Metre for General Service CIACs
6 (Appendix A, Page 1 of 1, to the General Service Policy);
- 7 iii) Revised Schedule C, Distribution Plant Support Table for General Service CIACs
8 (Appendix B, Page 1 of 1, to the General Service Policy); and
- 9 iv) Revised Schedule D, Distribution Plant Upgrade Cost for General Service CIACs
10 (Appendix C, Page 1 of 1, to the General Service Policy); and
- 11

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

15

16 **IT IS THEREFORE ORDERED THAT:**

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- 18 1. The revised cost factors submitted with the application and contained in the Schedules
19 appended to this Order are approved to be used in the calculation of all CIAC's with effect
20 from May 15, 2007, and, where advantageous to customers of Newfoundland Power, on all
21 CIAC's quoted but unpaid as of May 15, 2007.
- 22
- 23 2. Newfoundland Power submit a revised CIAC Policy in its entirety incorporating the
24 revisions approved herein.

DATED at St. John's, Newfoundland and Labrador this 10th day of May 2007.

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>UPGRADES³</u>	
Single Phase to Three Phase	32
Two Phase to Three Phase	19

³ 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**

Annual Load Factor	Dollars per kW/kVA ⁴
Less than 5%	76
5% - 9.9%	109
10% - 14.9%	120
15% - 19.9%	136
20% - 24.9%	147
25% - 29.9%	154
30% - 34.9%	163
35% - 39.9%	173
40% - 44.9%	182
45% - 49.9%	190
50% - 54.9%	196
55% - 59.9%	201
60% - 64.9%	210
65% - 69.9%	215
70% and Over	220

⁴ 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 ⁵ (\$)
REPLACE POLES - UP TO 45'	1,430
DISTRIBUTION SECONDARY PER POLE / SPAN	
Transfer Only	540
Replace Conductor	780
SERVICE DROP PER POLE / SPAN	
Transfer Only	60
Replace Conductor	130
TRANSFORMER MOUNTINGS	
Single Transformer	670
Two or Three Transformers	1,680
POLE GUY	
Transfer Only	30
Replace Guy	70
REPLACE ANCHOR	360
STREETLIGHTING - TRANSFER SINGLE FIXTURE	170
STREETLIGHTING DUPLEX PER POLE / SPAN	
Transfer Only	60
Replace Conductor	120
UNWARRANTED THREE PHASE CONSTRUCTION COST (SERVICE DROP, METER & TRANSFORMER)	
New Service	7,000
Upgrade Single Phase to Three Phase	3,500
Upgrade Two Phase to Three Phase	1,500
VALUE OF SINGLE PHASE BASIC INVESTMENT	5,000

⁵ Includes all overheads.