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6 **P.U. 7(2006)**
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9 **IN THE MATTER OF THE PUBLIC**
10 **UTILITIES ACT, R.S.N. 1990,**
11 **CHAPTER P-47 ("THE ACT")**
12

13 **AND**
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15 **IN THE MATTER OF BOARD ORDER**
16 **NOS. P.U. 4 (1997-98) AND P.U. 27 (2005)**
17

18 **AND**
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20 **IN THE MATTER OF AN APPLICATION BY**
21 **NEWFOUNDLAND POWER INC. ("NEWFOUNDLAND**
22 **POWER") FOR APPROVAL OF:**
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- 24
- 25 **(i) REVISED DISTRIBUTION LINE COST PER**
 - 26 **METRE FOR CIAC'S;**
 - 27 **(ii) REVISED DISTRIBUTION PLANT UPGRADE**
 - 28 **COST FOR CIAC'S; AND**
 - 29 **(iii) REVISED CONTRIBUTION IN AID OF**
 - 30 **CONSTRUCTION ("CIAC") COST FACTORS**
- 31
32

33 **WHEREAS** Board Order No. P.U. 4 (1997-98) issued by the Board on the 4th day of August, 1997

34 required amongst other things that,

35 Newfoundland Power file annually, together with an affidavit, a schedule of current
36 costs, and the effective CIAC Policy Appendices entitled, Distribution Plant Upgrade
37 Cost for CIAC's, and both Residential and General Service Distribution Line Cost
38 per Metre for CIAC's,

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WHEREAS Board Order No. P.U. 27 (2005) issued by the Board on November 2, 2005, approved the current CIAC Policy of Newfoundland Power, effective July 1, 2005, and

WHEREAS by letter dated January 13, 2006 Newfoundland Power submitted for the Board's review, Revised Schedule A, Distribution Line Cost Per Metre for Domestic CIACs (Appendix A, Page 1 of 1, to the Domestic Policy), Revised Schedule B, Distribution Line Cost Per Metre for General Service CIACs (Appendix A, Page 1 of 1, to the General Service Policy), Revised Schedule C, Distribution Plant Support Table for General Service CIACs (Appendix B, Page 1 of 1, to the General Service Policy), and Revised Schedule D, Distribution Plant Upgrade Cost for General Service CIACs (Appendix C, Page 1 of 1, to the General Service Policy), and

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

IT IS THEREFORE ORDERED THAT:

1. (a) Schedule "A", Appendix A, Page 1 of 1, of the Contribution in Aid of Construction Policy: Distribution Line Extensions for Domestic CIACs, approved by Order No. P.U. 27(2005) be and it is hereby rescinded and replaced by Schedule "A", Appendix A, Page 1 of 1, Revised February 1, 2006, appended to this Order.

(b) Schedule "B", Appendix A, Page 1 of 1 Effective July 1, 2005, Schedule "C", Appendix B, Page 1 of 1 Effective July 1, 2005, and Schedule "D", Appendix C, Page 1 of 1 Effective July 1, 2005

of the Contribution in Aid of Construction Policy: Distribution Line Extensions and Upgrades to General Service Customers, approved by Order No P.U. 27 (2005) be and they are hereby rescinded and replaced by the following Appendices, and appended to this Order:

Schedule "B", Appendix A, Page 1 of 1 Revised February 1, 2006, Schedule "C", Appendix B, Page 1 of 1 Revised February 1, 2006, and Schedule "D", Appendix C, Page 1 of 1 Revised February 1, 2006.

2. The revised cost factors submitted with the application dated January 13, 2006, and approved above, are to be used in the calculation of all CIAC's with effect from February 1, 2006, and, where advantageous to customers of the Newfoundland Power, on all CIAC's quoted but unpaid as of February 1, 2006.

3. Newfoundland Power submit a revised CIAC Policy in its entirety incorporating the revisions approved herein.

DATED at St. John's, Newfoundland and Labrador this 14th day of February 2006.

Robert Noseworthy,
Chair and Chief Executive Officer.

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

G. Cheryl Blundon,
Board Secretary.

Schedule "A", Appendix A, Page 1 of 1, Revised February 1, 2006

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

TYPE OF CONSTRUCTION	COST / METRE \$
Single Phase Line Extensions	24

Schedule "B", Appendix A, Page 1 of 1, Revised February 1, 2006

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

TYPE OF CONSTRUCTION	COST / METRE \$
<u>LINE EXTENSIONS</u>	
Single Phase	24
Three Phase	32
<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.

Schedule "C", Appendix B, Page 1 of 1, Revised February 1, 2006

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

Annual Load Factor	Dollars per kW/kVA ⁴
Less than 5%	67
5%-10%	97
11%-15%	106
16%-20%	121
21%-25%	130
26%-30%	136
31%-35%	145
36%-40%	154
41%-45%	162
46%-50%	169
51%-55%	174
56%-60%	179
61%-65%	187
66%-70%	192
Over 70%	198

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.

Schedule "D", Appendix C, Page 1 of 1, Revised February 1, 2006

NEWFOUNDLAND POWER INC.
DISTRIBUTION PLANT UPGRADE COST
FOR GENERAL SERVICE CIACs

TYPE OF TRANSFER OR REPLACEMENT	COST ⁵ (\$)
REPLACE POLES - UP TO 45'	1,200
DISTRIBUTION SECONDARY PER POLE / SPAN	
Transfer Only	540
Replace Conductor	730
SERVICE DROP PER POLE / SPAN	
Transfer Only	60
Replace Conductor	120
TRANSFORMER MOUNTINGS	
Single Transformer	670
Two or Three Transformers	1,670
POLE GUY	
Transfer Only	30
Replace Guy	70
REPLACE ANCHOR	290
STREETLIGHTING - TRANSFER SINGLE FIXTURE	170
STREETLIGHTING DUPLEX PER POLE / SPAN	
Transfer Only	60
Replace Conductor	110
UNWARRANTED THREE PHASE CONSTRUCTION COST (SERVICE DROP, METER & TRANSFORMER)	
New Service	7,000
Upgrade Single Phase to Three Phase	4,000
Upgrade Two Phase to Three Phase	1,500
VALUE OF SINGLE PHASE BASIC INVESTMENT	5,000

⁵ Includes all overheads.