

1 **Rules and Regulations**

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3 **Q. (Rules and Regulations, para. 5(j)) It is stated “The Company shall provide**
4 **transformation for Service up to 500 kVA where the required service voltage is one of**
5 **the Company's standard service voltages and installation is in accordance with the**
6 **Company's standards. In other circumstances, the Company, on such conditions as it**
7 **deems acceptable, may provide the transformation.” Please explain what this means**
8 **with respect to the MUN and Long Pond Substations.**

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10 A. Newfoundland Power’s Regulation 5 (a) states:

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12 *“Service shall normally be provided at one of the following nominal standard*
13 *secondary voltages depending upon the requirements of the load to be served and*
14 *the availability of a three-phase supply:*

15
16 *Single-phase, 3 wire, 120/240 volts*

17 *Three-phase, 4 wire, 120/208 volts wye*

18 *Three-phase, 4 wire, 347/600 volts wye*

19
20 *Service at any other supply voltage may be provided in special cases at the*
21 *discretion of the Company.”*

22
23 Newfoundland Power maintains standard voltage configurations to minimize the different
24 types and configurations of transformers that are required to serve its customers. This
25 provides customers with direction on how to design their electrical systems and helps
26 minimize the types of transformers that Newfoundland Power is required to hold in
27 inventory.

28
29 Regulations 5(a) and 5(j) provide that the Company can supply customers with
30 transformation that is not within its standard secondary distribution voltages or exceeds a
31 capacity of 500 kVA. General Service Rate #2.3 and General Service Rate #2.4
32 customers sometimes require service at primary distribution voltages and at transmission
33 voltages. Where the primary distribution or transmission voltage is a standard voltage
34 used by Newfoundland Power, the Company may supply the customer with the required
35 transformer.

36
37 Memorial University is a General Service Rate #2.4 customer that receives service at a
38 Newfoundland Power standard primary distribution voltage level at the Memorial
39 (“MUN”) and Long Pond (“LPD”) Substations. As a result, Newfoundland Power’s
40 ownership of the MUN and LPD transformers is consistent with these regulations.¹

¹ The size of the transformers used at the MUN and LPD Substations is within the standard size maintained by Newfoundland Power.