

1 **Q. Further to the response PUB-NP-036, provide further justification in relation to the**
2 **conclusion at page 4 “...that no substantial modification is required in relation to (i)**
3 **customer energy and demand forecasting, (ii) transmission and distribution standards**
4 **and maintenance, (iii) emergency preparedness planning, or (iv) current energy**
5 **conservation programming appear justified by the events of January 2-8, 2014”.**

6
7 **A. (i) Customer, Energy & Demand Forecasting**

8 In the response to Request for Information PUB-NP-006, it is indicated that the peak
9 demand experienced during the December 2013 and January 2014 winter season by
10 Newfoundland Power was within reasonable forecast variation.

11
12 In addition, for the 10 years ending in 2013, Newfoundland Power’s variations from
13 forecast have been (i) less than 1% for customers ten out of ten times; (ii) less than
14 1.5% for energy nine out of ten times; and (iii) less than 3% for demand nine out of
15 ten times.

16
17 This data does not indicate that substantial modification is required to Newfoundland
18 Power’s customer, energy and demand forecasting.

19
20 **(ii) Transmission and Distribution Standards & Maintenance**

21 Nothing that occurred during the period January 2-8, 2014 indicates any material
22 deficiencies in either Newfoundland Power’s transmission and distribution standards
23 or maintenance.

24
25 The damage sustained by Newfoundland Power’s transmission and distribution
26 systems during the blizzard which occurred in the period January 2-8, 2014 did not
27 indicate any deficiency in the Company’s standards.

28
29 The operation of Newfoundland Power’s transmission and distribution systems
30 during the period January 2-8, 2014 did not indicate any deficiency in the Company’s
31 maintenance practices.

32
33 Based upon these observations, no substantial modifications to Newfoundland
34 Power’s transmission and distribution standards and maintenance is indicated.

35
36 **(iii) Emergency Preparedness Planning**

37 Nothing that occurred during the period January 2-8, 2014 indicates any material
38 modifications are required to Newfoundland Power’s emergency preparedness
39 planning as outlined in the response to Request for Information PUB-NP-028.

40
41 Based upon this, no substantial modifications to Newfoundland Power’s emergency
42 preparedness planning are planned.

1 ***(iv) Current Energy Conservation Programming***

2 Newfoundland Power's current conservation programming is aimed at satisfying
3 customers' interests in conserving energy on a regular and consistent basis in order to
4 lower their electricity bills. While this programming should reduce electrical system
5 demand over the long term, it is not suited for short-term demand reductions in
6 response to electrical system distress.

7
8 During January 2-8, 2014, the Island Interconnected System was distressed by a
9 combination of insufficient generation availability and a series of destabilizing
10 events. This, in turn, created significant distress for Newfoundland Power's
11 customers.

12
13 Modifications to Newfoundland Power's current conservation programming would
14 not result in any appreciable reduction in the distress experienced by Newfoundland
15 Power's customers as a result of either insufficient generation availability or a series
16 of destabilizing events. For this reason, changes to existing conservation
17 programming as a result of the events of January 2-8, 2014 is not planned.