

Requests for Information

1 **Q. List all Newfoundland Power's transmission equipment that was not available for**
2 **operations in December 2013 and January 2014 and why such was not available.**
3 **Include in the answer the status of each on January 24, 2014.**
4

5 A. A list of Newfoundland Power transmission equipment that was not available for
6 operation in December 2013 and January 2014, the times it was not available, the reasons
7 it was not available, and the status on January 24th, 2014 is provided in Attachment A.
8

9 During the severe weather conditions experienced on January 4th, 2014, Newfoundland
10 Power experienced an outage on transmission line 65L between New Chelsea and Old
11 Perlican. This outage was caused by a broken guy wire that contacted an energized
12 transmission line conductor.¹ This outage caused service to be interrupted to
13 approximately 2,600 customers.²
14

15 Newfoundland Power also experienced an outage on transmission line 18L between
16 Goulds and Glendale on January 4th, 2014. The outage occurred as a result of a downed
17 primary conductor during severe weather. No customers lost electrical service as a result
18 of this transmission line outage.
19

20 The outage to 39L between Springfield and Bay Roberts on January 5th, 2014 was
21 required to replace a breaker at the Bay Roberts substation. The breaker was replaced
22 and the line restored to service on January 9th, 2014. The outage to 72L between
23 Hardwoods and Goulds on January 9th, 2014 was required to allow technical staff to
24 inspect a breaker. The outage to 48L between Bay Roberts and Blaketown on January
25 10th, 2014 was required to repair a breaker closing mechanism. No customers lost
26 electrical service as a result of any of these transmission line outages.
27

28 A 138kV-66kV transformer located at Newfoundland Power's Blaketown substation and
29 transmission line 41L between Carbonear and Heart's Content are currently available but
30 out of service. These assets have been out of service since January 8th, 2014. They were
31 taken out of service to reduce the loading on Newfoundland and Labrador Hydro's
32 ("Hydro") Western Avalon substation transformers. These Newfoundland Power assets
33 are available and can be returned to service as soon as Hydro has resolved its
34 transformation capacity limitations at the Western Avalon substation.
35

36 All of Newfoundland Power's other transmission assets were available on January 24th,
37 2014, and remain available as of February 3rd, 2014.

¹ The fault also caused and outage to transmission line 43L between Heart's Content and New Chelsea.

² 65L was repaired within 8 hours but the Company was unable to reinstate service to customers immediately upon completion of repairs due to insufficient available electricity supply. Not all 2,600 customers were without service for the almost 12 ½ hour duration of this transmission outage; Newfoundland Power was able to reinstate service to approximately 900 customers within 3 hours of the outage.

**Transmission Equipment Unavailable for Operations
December 2013 to January 2014**

Table 1
Transmission Equipment Unavailability (Planned)
December 1st, 2013 — January 24th, 2014

Asset	Unavailable		Available		Reason for Being Unavailable	Status Jan. 24 th , 2014
	Date	Time	Date	Time		
19L	2013/12/02	7:52	2013/12/02	17:37	Upgrade Section	Available
Gan 138 kV Bus	2013/12/04	8:06	2013/12/04	14:50	Align 138 kV Switches	Available
64L	2013/12/04	10:00	2013/12/04	13:25	NLH Breaker Maint at WAV	Available
110L	2013/12/08	10:04	2013/12/17	15:28	Replace 66 kV Switch at MIL	Available
19L	2013/12/09	7:10	2013/12/10	12:51	Upgrade Section	Available
18L	2013/12/10	6:58	2013/12/10	15:42	Brush Clearing	Available
57L	2013/12/10	9:47	2013/12/10	13:40	Maint HGR to ILC Section	Available
72L	2013/12/12	6:37	2013/12/12	15:25	Replace Structure	Available
57L	2013/12/12	10:02	2013/12/13	16:16	Maint BRB to ILC Section	Available
54L	2013/12/16	11:41	2013/12/16	14:17	Adjust Switch at KEN	Available
69L	2013/12/16	14:35	2013/12/16	17:54	Adjust Switch at KEN	Available
35L	2013/12/17	7:55	2013/12/17	11:52	Adjust Switch at KEN	Available
31L	2013/12/18	8:53	2013/12/18	11:56	Adjust Switch at SLA	Available

Table 2
Transmission Equipment Unavailability (Unplanned)
December 1st, 2013 — January 24th, 2014

Asset	Unavailable		Available		Reason for Being Unavailable	Status Jan. 24 th , 2014
	Date	Time	Date	Time		
65L	2014/01/04	1:38	2014/01/04	14:00	Broken Guy Wire contacting Phase Conductor.	Available
43L	2014/01/04	1:38	2014/01/04	3:05	Tripped due to Problem on 65L	Available
18L	2014/01/04	16:40	2014/01/05	1:25	Conductor Down	Available
39L	2014/01/05	21:27	2014/01/09	20:31	BRB Breaker Failure / Replaced	Available
BLK-T3	2014/01/08	18:00			Opened to offload WAV T3 & T4	Available, Not in Service
41L	2014/01/08	18:00			Opened to offload WAV T3 & T4	Available, Not in Service
72L	2014/01/09	1:03	2014/01/09	11:39	Breaker Inspection	Available
48L	2014/01/10	7:13	2014/01/10	9:45	Breaker Repair	Available