

1 **Q. Re: Pre-filed Testimony of Larry Brockman, Section 4, Treatment of Curtailable**
2 **Load.**

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4 **Please provide a list of each load curtailment incident, noting the length, number of**
5 **customers affected (curtailment request received), number of customers who**
6 **actually curtailed, and total load curtailed. Please indicate for each incident**
7 **whether it was initiated by NP or Hydro, and for NP initiated requests, please**
8 **provide the brief rationale for the curtailment request (e.g., distribution system**
9 **constraint, supply constraint from Hydro, avoid monthly/annual peak, etc.) for the**
10 **last three years (2011, 2012 and 2013).**

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12 A. Attachment A provides the requested information from the 2008/09 winter season to the
13 2013/14 winter season.

Load Curtailment Incidents
2008-2014 Winter Season

Date of Curtailment **Duration (Hrs)** **Number of customers requested¹** **Number of customers successful²** **% of customers successful** **Total Load Curtailed (MW)** **Requested By³** **Reason**

2013-14 Winter Season							
Dec 13/13	2.0	17	14	82.4%	7.2	NF Power	Minimize Annual Peak
Dec 14/13	3	17	14	82.4%	7.2	NF Power	Minimize Annual Peak
Dec 29/13	3.25	17	15	88.2%	7.25	Hydro	Supply Constraints
Dec 30/13 ⁴	2	11	9	81.8%	4.95	Hydro	Supply Constraints
Dec 30/13	2.5	16	15	93.8%	7.4	Hydro	Supply Constraints
Jan 1/14	2	15	15	100.0%	7.1	NF Power	Minimize Annual Peak
Jan 2/14	5	15	15	100.0%	8.5	Hydro	Supply Constraints
Jan 3/14	6	15	15	100.0%	7	Hydro	Supply Constraints
Jan 3/14	5	15	14	93.3%	7.65	Hydro	Supply Constraints
Mar 5/14	2.5	15	14	93.3%	7.4	NF Power	Minimize Annual Peak
Mar 5/14	4	15	13	86.7%	6.95	Hydro	Supply Constraints

2012-13 Winter Season							
Jan 7/13	3.5	21	21	100.0%	11.8	NF Power	Minimize Annual Peak
Jan 8/13	1	21	18	85.7%	8.6	NF Power	Minimize Annual Peak
Jan 18/13	1.5	21	19	90.5%	9.2	NF Power	Minimize Annual Peak
Jan 19/13	2.5	21	18	85.7%	8.5	N/A	Supply Constraints
Jan 23/13	2	20	19	95.0%	9.6	NF Power	Minimize Annual Peak
Jan 24/13	2.5	20	18	90.0%	10	NF Power	Minimize Annual Peak
Feb 8/13	2.5	19	18	94.7%	10.4	NF Power	Minimize Annual Peak
Feb 9/13	2.75	19	15	78.9%	8.1	N/A	Supply Constraints

Date of Curtailment	Duration (Hrs)	Number of customers requested¹	Number of customers successful²	% of customers successful	Total Load Curtailed (MW)	Requested By³	Reason
2011-12 Winter Season							
Jan 6/12	1.5	21	20	95.2%	10.2	NF Power	Minimize Annual Peak
March 1/12	0.5	21	20	95.2%	10	NF Power	Minimize Annual Peak
2010-11 Winter Season							
Feb 1/11	1	18	17	94.4%	8.9	NF Power	Minimize Annual Peak
Feb 14/11	0.5	19	19	100.0%	11.0	NF Power	Minimize Annual Peak
2009-10 Winter Season							
Jan 17/10	1.5	24	21	87.5%	8.9	NF Power	Minimize Annual Peak
Jan 18/10	1.75	24	17	70.8%	7.4	NF Power	Minimize Annual Peak
Feb 2/10	0.25	21	19	90.5%	8.1	NF Power	Minimize Annual Peak
Feb 2/10	2.5	20	19	95.0%	10.4	NF Power	Minimize Annual Peak
Feb 3/10	0.75	19	17	89.5%	7.6	NF Power	Minimize Annual Peak
Feb 5/10	1.25	18	14	77.8%	6.7	NF Power	Minimize Annual Peak

Date of Curtailment	Duration (Hrs)	Number of customers requested ¹	Number of customers successful ²	% of customers successful	Total Load Curtailed (MW)	Requested By ³	Reason
2008-09 Winter Season							
Dec 17/08 ⁵	0.75	18	14	77.8%	4.9	N/A	Supply Constraints
Dec 27/08	2.5	23	16	69.6%	5.9	NF Power	Minimize Annual Peak
Jan 15/09	1	23	19	82.6%	8.7	NF Power	Minimize Annual Peak
Jan 16/09	1.25	23	19	82.6%	9.2	NF Power	Minimize Annual Peak
Jan 17/09	2.25	23	17	73.9%	8.2	NF Power	Minimize Annual Peak
Jan 26/09	4	19	18	94.7%	10	NF Power	Minimize Annual Peak
Jan 27/09	2	19	17	89.5%	10	NF Power	Minimize Annual Peak

- ¹ The number of customers requested to curtail exclude customers that either prior to the request were known to have temporary conditions that prevented them from curtailing or were customers that had already experienced three failures during the winter season. Customers who fail three times during a winter season have their generation credit reduced to zero and are no longer requested to curtail during the remainder of that winter season.
- ² Customers are considered to have successfully curtailed if they either reduced their load to below their contracted firm demand or their generation output was at levels greater than their contracted curtailed load. The method used depends on the option selected by customers.
- ³ Prior to the 2013/2014 winter season, there was no formal tracking of when Hydro made formal requests to curtail customers' load. Typically when there are system constraints Hydro's energy control center staff or management will discuss the system constraints with Newfoundland Power staff.
- ⁴ Curtailment request was cancelled before all customers were called. It was cancelled when it was determined that curtailment was no longer required, and to limit the number of times customers were asked to curtail.
- ⁵ Curtailment request was made to curtail customers on the Avalon Peninsula only. As a result 4 customers were not requested to curtail.