

- 1 **Q: Reference: *Review of Newfoundland and Labrador Hydro Power Supply***
2 ***Adequacy and Reliability Prior to and Post Muskrat Falls Final Report, August***
3 ***19, 2016, Page 7, Figure II.2 Historical Unserved Energy (MWh)***
4
5 **Please confirm that the above noted chart is a measure of all unsupplied energy**
6 **regardless of cause and includes UFLS events and transmission system related**
7 **events.**
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10 **A.** The referenced chart was constructed from data in Hydro’s May 2016 slide
11 presentation “Overview Energy Supply Risk Assessment”, Slide 20, which is
12 included here as NLH-PUB-002, Attachment 1, for convenience. The Hydro data
13 was presented within the context of a supply assessment and was related specifically
14 to the LOLH and the 300 MWh supply-related “planning threshold”. On the other
15 hand, the title of Slide 20 refers to “unplanned outages on Hydro’s generation and
16 transmission systems”, suggesting that it is all unsupplied energy regardless of cause.

Historical Unserved Energy

Unplanned Outages on Hydro's Generation & Transmission Systems*

	MWh (excl. large System Events)	MWh (incl. large System Events)
2007	277	277
2008	133	133
2009	86	86
2010	222	222
2011	280	518
2012	157	339
2013	508	2,131
2014	427	3,877
2015	85	282
2016 YTD		178

*Planning threshold is 300MWh