

1 Q. Re: NLH Evidence, Section 2.5.3, "Isolated Diesel Systems Load Forecasts", page
2 2.38-2.40
3 Historical data is provided in this section for 2007-2012; forecast data is provided
4 for the test year 2013 only.

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6 Please present load forecasts (GWh and MW) for the isolated diesel systems for the
7 years 2013-2023, distinguishing between Labrador diesel systems (broken down by
8 community), Island diesel systems, and the L'Anse au Loup system.

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11 A. The table below provides Hydro's most recent operating load forecast for its
12 isolated diesel systems for the period 2014 through 2018. The load forecast for the
13 year 2013 is Hydro's test year load forecast that was prepared in the spring of 2012.
14 Hydro does not have operating load forecasts for its isolated diesel systems for the
15 requested years 2019 through 2023. Please note that load requirements provided
16 in the table are net requirements and do not include Hydro's station service
17 requirements.

Forecast Peak and Energy Requirements For Hydro's Isolated Diesel Systems

	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Black Tickle						
Net Peak (kW)	246	239	235	231	227	223
Net Energy (MWh)	1,088	1,065	1,047	1,028	1,010	991
Cartwright						
Net Peak (kW)	944	956	966	975	986	994
Net Energy (MWh)	4,408	4,320	4,366	4,404	4,450	4,489
Charlottetown						
Net Peak (kW)	1,599	1,614	1,614	1,620	1,626	1,636
Net Energy (MWh)	5,305	5,409	5,409	5,429	5,450	5,481
Hopedale						
Net Peak (kW)	935	1,117	1,172	1,193	1,248	1,268
Net Energy (MWh)	4,494	5,089	5,319	5,405	5,636	5,717

Forecast Peak and Energy Requirements For Hydro's Isolated Diesel Systems

	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Makkovik						
Net Peak (kW)	802	854	863	872	882	891
Net Energy (MWh)	3,502	3,893	3,930	3,968	4,005	4,043
Mary's Harbour						
Net Peak (kW)	1,183	1,170	1,171	1,174	1,176	1,177
Net Energy (MWh)	5,316	5,307	5,313	5,323	5,334	5,339
Nain						
Net Peak (kW)	1,678	1,907	1,947	1,992	2,032	2,073
Net Energy (MWh)	7,884	8,924	9,111	9,321	9,510	9,700
Norman Bay						
Net Peak (kW)	47	55	55	55	55	55
Net Energy (MWh)	192	203	203	203	203	203
Paradise River						
Net Peak (kW)	40	41	42	42	43	43
Net Energy (MWh)	115	113	115	116	118	119
Port Hope Simpson						
Net Peak (kW)	850	777	793	808	823	839
Net Energy (MWh)	3,633	3,411	3,476	3,540	3,604	3,670
Postville						
Net Peak (kW)	442	486	490	495	499	504
Net Energy (MWh)	1,885	2,138	2,157	2,177	2,196	2,216
Rigolet						
Net Peak (kW)	599	663	671	674	682	690
Net Energy (MWh)	2,406	2,719	2,751	2,765	2,796	2,828
St. Lewis						
Net Peak (kW)	351	366	364	361	359	356
Net Energy (MWh)	1,409	1,456	1,447	1,438	1,428	1,419
William's Harbour						
Net Peak (kW)	66	66	66	66	66	66
Net Energy (MWh)	272	268	268	268	268	268
Island Isolated						
Net Peak (kW)	2,323	2,274	2,263	2,253	2,243	2,233
Net Energy (MWh)	7,957	7,679	7,645	7,611	7,577	7,545
L'Anse au Loup						
Net Peak (kW)	5,664	5,669	5,736	5,796	5,848	5,895
Net Energy (MWh)	24,767	24,661	24,953	25,212	25,438	25,646