

1 Q. **Reference: Application**

2 With respect to Hydro’s distribution business, excluding isolated systems:

3 a) Please provide a table showing for the past 15 years Hydro’s total revenue requirement  
4 broken down by generation, transmission and distribution. Please provide this  
5 information for the Island and Labrador Interconnected Systems separately and  
6 combined.

7 b) Please provide a table showing frequency and average duration of customer outages  
8 owing to outages on each of the generation, transmission and distribution systems for  
9 the past 15 years. Please provide this information for the Island and Labrador  
10 Interconnected Systems separately and combined.

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13 A. a) Please refer to CA-NLH-020, Attachment 1 for the functional classification of revenue  
14 requirement for the Island and Labrador Interconnected Systems separately and combined.

15 b) Newfoundland and Labrador Hydro (“Hydro”) gathers the data and conducts analysis related  
16 to this request using Electricity Canada Service Continuity Index guidelines. As such,  
17 distribution customer outages due to generation or transmission systems are recorded  
18 under the common classification of Loss of Supply. Please refer to CA-NLH-020,  
19 Attachment 2 for the requested information.

**Newfoundland and Labrador Hydro**  
**Functional Classification of Revenue Requirement**  
**Island Interconnected System (Rural)**  
**(\$000)**

<b>Year</b>	<b>Generation</b>	<b>Transmission</b>	<b>Distribution</b>	<b>Accounting</b>	<b>Revenue</b>	<b>Total</b>
2008	20,202	12,733	18,808	2,899	949	55,591
2009	20,202	12,733	18,808	2,899	949	55,591
2010	20,202	12,733	18,808	2,899	949	55,591
2011	20,202	12,733	18,808	2,899	949	55,591
2012	20,202	12,733	18,808	2,899	949	55,591
2013	20,202	12,733	18,808	2,899	949	55,591
2014	34,137	14,509	24,780	2,714	1,299	77,439
2015	25,132	13,771	26,520	3,033	1,420	69,876
2016	25,414	13,733	26,484	3,059	1,420	70,110
2017	26,913	13,665	26,374	3,057	1,420	71,429
2018	25,674	12,135	26,187	3,190	1,402	68,588
2019	29,456	12,251	26,633	3,291	1,402	73,033
2020	29,456	12,251	26,633	3,291	1,402	73,033
2021	29,456	12,251	26,633	3,291	1,402	73,033
2022	29,456	12,251	26,633	3,291	1,402	73,033

**Newfoundland and Labrador Hydro**  
**Functional Classification of Revenue Requirement**  
**Labrador Interconnected System (Rural)**  
**(\$000)**

<b>Year</b>	<b>Generation</b>	<b>Transmission</b>	<b>Distribution</b>	<b>Accounting</b>	<b>Revenue</b>	<b>Total</b>
2008	3,276	1,679	4,622	1,260	315	11,152
2009	3,276	1,679	4,622	1,260	315	11,152
2010	3,276	1,679	4,622	1,260	315	11,152
2011	3,276	1,679	4,622	1,260	315	11,152
2012	3,276	1,679	4,622	1,260	315	11,152
2013	3,276	1,679	4,622	1,260	315	11,152
2014	3,008	1,004	10,981	1,574	459	17,026
2015	2,624	2,149	10,603	1,651	501	17,528
2016	2,624	2,238	10,623	1,664	501	17,650
2017	2,621	2,233	10,568	1,664	501	17,587
2018	2,582	2,485	10,041	1,809	540	17,457
2019	2,607	2,715	10,378	1,882	540	18,122
2020	2,607	2,715	10,378	1,882	540	18,122
2021	2,607	2,715	10,378	1,882	540	18,122
2022	2,607	2,715	10,378	1,882	540	18,122

**Newfoundland and Labrador Hydro**  
**Functional Classification of Revenue Requirement**  
**Island and Labrador Interconnected Systems (Rural)**  
**(\$000)**

<b>Year</b>	<b>Generation</b>	<b>Transmission</b>	<b>Distribution</b>	<b>Accounting</b>	<b>Revenue</b>	<b>Total</b>
2008	23,478	14,412	23,430	4,159	1,264	66,743
2009	23,478	14,412	23,430	4,159	1,264	66,743
2010	23,478	14,412	23,430	4,159	1,264	66,743
2011	23,478	14,412	23,430	4,159	1,264	66,743
2012	23,478	14,412	23,430	4,159	1,264	66,743
2013	23,478	14,412	23,430	4,159	1,264	66,743
2014	37,145	15,513	35,761	4,288	1,758	94,465
2015	27,756	15,920	37,123	4,684	1,921	87,404
2016	28,038	15,971	37,107	4,723	1,921	87,760
2017	29,534	15,898	36,942	4,721	1,921	89,016
2018	28,256	14,620	36,228	4,999	1,942	86,045
2019	32,063	14,966	37,011	5,173	1,942	91,155
2020	32,063	14,966	37,011	5,173	1,942	91,155
2021	32,063	14,966	37,011	5,173	1,942	91,155
2022	32,063	14,966	37,011	5,173	1,942	91,155

Newfoundland and Labrador Hydro  
 Distribution Statistics Excluding Isolated Systems <sup>1,2,3,4</sup>

Year	NLH Total		Loss of Supply		Distribution		Island		Island Loss of Supply		Island Distribution		Labrador		Labrador Loss of Supply		Labrador Distribution	
	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI
2008	5.24	9.55	2.86	6.07	2.38	6.07	3.51	8.35	1.89	3.40	1.62	4.95	1.73	1.20	0.96	0.08	0.77	1.12
2009	3.70	9.89	1.94	4.85	1.76	4.85	1.79	3.33	0.59	0.59	1.21	2.75	1.91	6.55	1.35	4.45	0.96	2.10
2010	2.72	5.56	0.58	4.03	2.14	4.03	1.57	3.86	0.45	1.16	1.12	2.71	1.15	1.70	0.13	0.38	1.03	1.32
2011	4.97	16.23	2.61	6.61	2.36	6.62	2.75	13.16	1.14	4.61	1.61	8.55	2.21	3.07	1.47	2.00	0.75	1.07
2012	3.53	7.19	1.43	1.71	2.11	5.49	2.01	4.63	0.70	1.01	1.31	3.62	1.52	2.56	0.72	0.70	0.80	1.86
2013	5.17	18.41	1.33	4.45	3.84	13.96	2.70	10.36	0.90	2.58	1.80	7.78	2.47	8.05	0.43	1.87	2.04	6.18
2014	5.60	16.90	2.37	4.82	3.23	12.08	2.79	8.23	1.08	3.52	1.71	4.71	2.81	8.67	1.29	1.30	1.52	7.37
2015	6.14	16.70	2.93	9.55	3.21	7.15	3.06	7.81	1.35	4.57	1.70	3.24	3.08	8.89	1.57	4.98	1.51	3.91
2016	5.97	14.95	4.23	11.42	1.75	3.53	4.41	11.63	3.13	8.68	1.28	2.95	1.57	3.32	1.10	2.74	0.47	0.58
2017	5.10	19.20	2.80	12.92	2.29	6.28	2.19	10.72	0.86	5.36	1.33	5.36	2.90	8.47	1.94	7.56	0.96	0.92
2018	7.01	23.35	4.33	15.27	2.69	8.08	3.46	14.02	1.57	7.46	1.89	6.56	3.55	9.33	2.75	7.81	0.80	1.52
2019	4.71	14.53	2.77	9.65	1.94	4.87	3.01	8.55	1.58	4.69	1.43	3.86	1.70	5.97	1.19	4.96	0.51	1.01
2020	3.90	17.33	2.15	10.89	1.75	6.44	2.69	12.03	1.45	7.85	1.25	4.19	1.21	5.30	0.70	3.04	0.50	2.26
2021	5.56	20.51	2.38	11.00	3.19	9.52	2.95	7.66	1.11	2.67	1.85	4.99	2.61	12.86	1.27	8.33	1.34	4.53
2022	4.72	20.78	2.44	12.65	2.28	8.13	3.16	13.60	1.42	6.57	1.74	7.04	1.56	7.18	1.03	6.09	0.53	1.09

<sup>1</sup> Reliability measures shown may differ from previously reported numbers. This can be caused by updates to previously reported outage information.

<sup>2</sup> Island statistics include outages to customers in Central and Northern interconnected systems.

<sup>3</sup> Labrador statistics include outages to customers in the Labrador interconnected system.

<sup>4</sup> Chart 1 includes significant events.