

1 Q. **Reference: Regulated Activities**

2 Complete the following table providing customer demand requirements at times of
3 Hydro's Island Interconnected peak (coincident peak) for each year from 2000
4 through 2022 forecast.

Hydro Customer Coincident Peak Demand Requirements on the Island Interconnected System (MW)											
Year	NP	Hydro Rural	CBP&P	ACI Grand Falls	ACI Stephenville	North Atlantic Refining	Teck	Vale	Praxair	Losses	Total
2000											
2001											
2002											
...											
2012											
2013F											
2014F											
...											
2022F											

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7 A. Please find below a table that provides actual customer coincident peak demand
8 requirements from 2000 through 2012 and forecast customer coincident peak
9 demand requirements from 2013 through 2022. Historical system peak totals and
10 calculated losses included in the table include Hydro's station service and internal
11 power requirements at system peak. As per Hydro's methodology in developing
12 load forecasts, forecast losses (2013F-2022F) included in the table are projected on
13 the basis of engineering models of Hydro's Island Interconnected transmission
14 system and do not include station service and internal power requirements.

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Hydro Customer Coincident Peak Demand Requirements on the Island Interconnected System											
Year	NP	Hydro Rural	CBP&P	ACI Grand Falls	ACI Stephenville	North Atlantic Refining	Teck	Vale	Praxair	Losses	Total
2000	957	80	46	0	69	30	-	-	-	58	1,240
2001	928	72	70	18	68	30	-	-	-	74	1,262
2002	1,094	82	52	2	62	27	-	-	-	85	1,403
2003	1,044	79	80	31	70	30	-	-	-	68	1,402
2004	1,036	78	98	24	72	28	-	-	-	69	1,405
2005	1,052	77	53	22	66	29	-	-	-	61	1,361
2006	1,087	77	40	0	1	30	3	-	-	72	1,310
2007	1,083	74	40	20	1	31	6	-	-	69	1,323
2008	1,106	86	30	0	-	29	7	-	-	64	1,323
2009	1,163	81	28	15	-	29	8	-	-	65	1,390
2010	1,143	80	6	-	-	7	9	-	-	60	1,305
2011	1,186	90	18	-	-	27	8	-	-	70	1,399
2012	1,178	88	11	-	-	29	9	-	-	72	1,385
2013F	1,175	91	18	-	-	27	8	11	5	41	1,377
2014F	1,255	89	16	-	-	27	6	11	6	44	1,454
2015F	1,272	89	14	-	-	27	6	40	6	45	1,499
2016F	1,282	87	13	-	-	27	-	59	6	46	1,519
2017F	1,296	85	13	-	-	27	-	69	6	46	1,543
2018F	1,300	84	13	-	-	27	-	70	6	47	1,547

Hydro Customer Coincident Peak Demand Requirements on the Island Interconnected System (MW)											
Year	NP	Hydro Rural	CBP&P	ACI Grand Falls	ACI Stephenville	North Atlantic Refining	Teck	Vale	Praxair	Losses	Total
2019F	1,311	83	13	-	-	27	-	70	6	48	1,559
2020F	1,311	83	13	-	-	27	-	70	6	48	1,558
2021F	1,320	83	13	-	-	27	-	70	6	49	1,568
2022F	1,340	84	13	-	-	27	-	70	6	49	1,589

Notes:

1. Columns may not add to total due to rounding.
2. Industrial Customer demands include any interruptible power requirements at NLH system peak.
3. CBP&P and ACI Grand Falls prior to 2003 includes any exceptional and emergency power requirements at Hydro's system peak.
4. CBP&P and ACI Grand Falls post 2002 includes any generation outage power requirements at Hydro's system peak.
5. ACI Grand Falls compensation power requirements are not included.
6. ACI-Stephenville and total for 2002 includes 46 MW of interruptible B power.
7. Vale was not connected at the time of the 2012 Hydro system peak.
8. 2013F is sourced to the 2013 Operating Load Forecast, April 12, 2013.
9. 2014F through 2018F is sourced to the Operating Load Forecast for 2014-2018, June 21, 2013.
10. 2019F through 2022F is sourced to the June 2013 long term planning load forecast.