

1 Q. **Reference: Regulated Activities**

2 Complete the following table providing customer secondary energy requirements
3 for each year from 2000 through 2022 forecast.

Hydro Customer Secondary Energy Requirements on the Island Interconnected System (GWh)											
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											

4

5

6 A. The table below provides actual customer non-firm energy requirements from 2000
7 through 2012 and forecast customer non-firm energy requirements from 2013
8 through 2022.

9

10 Hydro is interpreting industrial secondary energy in this request to refer to any
11 energy sales that are outside of the firm block, including interruptible, emergency
12 and exceptional requirements prior to June 2002 and interruptible and generation
13 outage requirements since June 2002. Hydro is interpreting Newfoundland Power
14 secondary energy in this request as the energy which is made available based on it
15 being surplus to Deer Lake Power's requirement to supply the paper mill. It should
16 be noted that non-firm energy taken by ICs is supplied at the cost to produce from
17 either Holyrood or other more expensive standby sources.

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Hydro Customer Non-Firm Energy Requirements on the Island Interconnected System (GWh)											
Year	NP	Hydro Rural	CBP&P	ACI Grand Falls	ACI Stephenville	North Atlantic Refining	Teck	Vale	Praxair	Losses	Total
2000	0	0	1	1	3	0	-	-	-	0	6
2001	0	0	22	0	1	0	-	-	-	1	24
2002	0	0	14	1	1	0	-	-	-	0	16
2003	0	0	12	8	1	0	-	-	-	1	22
2004	0	0	32	3	4	0	-	-	-	1	39
2005	0	0	1	0	15	0	-	-	-	0	16
2006	0	0	6	0	0	0	0	-	-	0	6
2007	0	0	14	0	0	0	0	-	-	0	15
2008	0	0	5	0	-	0	0	-	-	0	5
2009	5	0	3	0	-	0	0	-	-	0	8
2010	0	0	0	-	-	0	0	-	-	0	0
2011	0	0	0	-	-	0	0	-	-	0	0
2012	11	0	0	-	-	0	0	0	-	0	12
2013F	0	0	0	-	-	0	0	0	0	0	0
2014F	0	0	0	-	-	0	0	0	0	0	0
2015F	0	0	0	-	-	0	0	0	0	0	0
2016F	0	0	0	-	-	0	0	0	0	0	0
2017F	0	0	0	-	-	0	0	0	0	0	0
2018F	0	0	0	-	-	0	0	0	0	0	0

Hydro Customer Non-Firm Energy Requirements on the Island Interconnected System (GWh)											
Year	NP	Hydro Rural	CBP&P	ACI Grand Falls	ACI Stephenville	North Atlantic Refining	Teck	Vale	Praxair	Losses	Total
2019F	0	0	0	-	-	0	0	0	0	0	0
2020F	0	0	0	-	-	0	0	0	0	0	0
2021F	0	0	0	-	-	0	0	0	0	0	0
2022F	0	0	0	-	-	0	0	0	0	0	0

Notes:

1. Columns may not add to total due to rounding of energy volumes.
2. Non-firm energy prior to 2003 includes emergency, exceptional and interruptible energy volumes.
3. Non-firm energy post 2002 includes interruptible and generation outage energy volumes.
4. CBP&P secondary energy volumes prior to 2003 include Deer Lake Power non-firm energy volumes.
5. Historical losses are Hydro's annual system energy losses prorated between firm and non-firm energy volumes.
6. 2013F is sourced to the 2013 Operating Load Forecast, April 12, 2013.
7. 2014F through 2018F is sourced to the Operating Load Forecast for 2014-2018, June 21, 2013.
8. 2019F through 2022F is sourced to the June 2013 long term planning load forecast.