1	Q.	Please provide the most recent energy resource table showing energy demand,
2		energy conservation, existing energy generation, energy sales/purchases, new
3		energy additions relating to generation, sales/purchases, transmission and energy
4		conservation, and excess/deficit for each of the next 10 years.
5		
6		
7	A.	The Energy Resource tables on the next two pages are based on the firm energy
8		capability and average energy capability of the generation resources, respectively
9		Firm capability for the hydroelectric resources is the annual energy capability of
10		those resources under the most adverse sequence of reservoir inflows occurring
11		within the historical record. Firm capability for the thermal resources is based on
12		energy capability adjusted for maintenance and forced outages.

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				<u>Fir</u>	m Energy	7					
			Existing	Generation		New Generation					
	Island Load	Hydro	NL Hydro Thermal <sup>6</sup>	Customer Generation	NUG <sup>5</sup> Purchases	Muskrat Falls Base Block Energy <sup>3</sup> @ SP <sup>4</sup>	MF Additional Energy Available to Island <sup>2</sup> @ SP	Total Available Energy Resources			
	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)		
2015	8,600	3,961	3,942	1,117	866	N/A	N/A	9,886	1,286		
2016	8,832	3,961	3,942	1,117	866	N/A	N/A	9,886	1,054		
2017	8,831	3,961	3,942	1,117	866	N/A	N/A	9,886	1,055		
2018	8,836	3,961	3,942	1,117	866	1,067	1,783	12,737	3,901		
2019	8,880	3,961	3,942	1,117	866	1,886	1,198	12,970	4,090		
2020	8,931	3,961	3,942	1,117	866	1,835	1,249	12,970	4,039		
2021	9,023	3,961	946	1,117	866	1,907	1,178	9,974	951		
2022	9,147	3,961	946	1,117	866	2,008	1,076	9,974	827		
2023	9,222	3,961	946	1,117	814	2,111	1,064	10,013	791		
2024	9,314	3,961	946	1,117	814	2,183	1,128	10,148	834		
1.				ergy Consen een broken o			n the Island L	oad Forecast	as a		
2.	MF Additional Energy Available to Island = MF Generation less Base Block Energy less     Nova Scotia Block (at Soldier's Pond)										
3.	MF "Base	Block En	ergy" mea	ns the annua	al amount o	f Energy f	orecasted at	the Effective	Date		
	by NLH from the MF Plant to meet the anticipated requirements of the NL Native Load										
	during each Operating Year, being the amount of Energy set forth in Schedule 2 of the PPA										
4.	@ SP = at Soldier's Pond										
5.	Assumes	Assumes that CBPP Co-Generation NUG contract is not renewed in 2023.									
6.	Assumes	that Holyr	ood shuts	down in 202	21.						
	Firm capability for the hydroelectric resources is the firm energy capability of those resources und										
	the most adverse three-year sequence of reservoir inflows occurring within the historical record.										
	Firm capability for the thermal resources (HTGS) is based on energy capability adjusted for										

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		Inter	connect	ed Island S	System En	ergy Re	source Tal	<u>əle</u>		
				<u>Aver</u>	age Ener	gy				
			Existing	Generation		New G	eneration			
						Muskrat	MF			
						Falls	Additional			
						Base	Energy		Total	
						Block	Available		Available	
	Island	NI Hydro	NL Hydro	Customer	NUG <sup>5</sup>	Energy <sup>3</sup>	to Island <sup>2</sup>		Energy	Excess/
	Load	Hydro	Thermal <sup>6</sup>	Generation		@ SP <sup>4</sup>	@ SP		Resources	
	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)		(GWh)	(GWh)
2015	8,600	4,600	3,942	1,310	1,034	N/A	N/A		10,886	2,286
2016	8,832	4,600	3,942	1,310	1,034	N/A	N/A		10,886	2,054
2017	8,831	4,600	3,942	1,310	1,034	N/A	N/A		10,886	2,055
2018	8,836	4,600	3,942	1,310	1,034	1,067	2,108		14,062	5,226
2019	8,880	4,600	3,942	1,310	1,034	1,886	1,603		14,375	5,495
2020	8,931	4,600	3,942	1,310	1,034	1,835	1,654		14,375	5,444
2021	9,023	4,600	946	1,310	1,034	1,907	1,583		11,379	2,356
2022	9,147	4,600	946	1,310	1,034	2,008	1,481		11,379	2,232
2023	9,222	4,600	946	1,310	982	2,111	1,469		11,418	2,196
2023	9,314	4,600	946	1,310	982	2,111	1,533		11,553	2,239
2024	3,314	4,000	340	1,310	302	2,103	1,333		11,555	2,233
1.	Demand	Reduction	due to En	ergy Conser	ation is inc	luded wit	h the Island	Loa	d Forecast	as a
	load reduction and has not been broken out separately.									
2.	MF Addit	ional Ener	gy Availab	le to Island :	= MF Gener	ation less	Base Block	Ene	ergy less	
	MF Additional Energy Available to Island = MF Generation less Base Block Energy less  Nova Scotia Block (at Soldier's Pond)									
3.	MF "Base Block Energy" means the annual amount of Energy forecasted at the Effective Date									
	by NLH from the MF Plant to meet the anticipated requirements of the NL Native Load									
	during each Operating Year, being the amount of Energy set forth in Schedule 2 of the PPA									
4.	@ SP = at Soldier's Pond									
	Assumes that CBPP Co-Generation NUG contract is not renewed in 2023.									
	Assumes that Holyrood shuts down in 2021.									