

NEWFOUNDLAND AND LABRADOR HYDRO
2010 Generation Expansion Analysis
Other Power Purchases (\$000)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<i>Isolated</i>																		
Corner Brook Co-Gen O&M Sheet	2,868	2,870	2,872	2,874	2,875	2,877	2,879	2,881	2,882	2,884	2,886	2,888	2,890	246	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	4,460	4,564	5,000	5,420	5,629	5,755	5,886	6,117	6,342	6,506	6,618	6,753	6,901	599	0	0	0	0
	7,329	7,434	7,873	8,294	8,504	8,632	8,765	8,998	9,224	9,391	9,504	9,641	9,791	844	0	0	0	0
Bishops Falls - Exploits Generation	2,167	2,167	2,191	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208
Grand Falls - Exploits Generation	7,249	7,249	7,331	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386
Exploits River Partnership	10,606	10,608	10,609	10,611	10,613	10,615	10,617	10,619	10,621	10,623	10,625	10,627	10,630	10,632	10,634	10,636	10,639	10,641
Star Lake/Rattle Brook	11,945	12,100	12,265	12,427	12,592	12,754	12,911	13,071	13,234	13,401	13,570	13,744	13,920	14,101	14,284	14,472	14,663	14,858
3rd Wind - 2014	0	0	0	0	2,268	8,863	8,899	8,936	8,973	9,011	9,050	9,090	9,131	9,172	9,214	9,257	9,301	9,346
St. Lawrence Wind	7,329	7,362	7,397	7,432	7,467	7,501	7,535	7,569	7,603	7,639	7,675	7,712	7,750	7,788	7,827	7,867	7,908	7,949
Fermeuse - Wind	6,313	6,341	6,370	6,399	6,429	6,458	6,486	6,515	6,545	6,575	6,605	6,636	6,668	6,701	6,734	6,767	6,802	6,837
Total	52,937	53,260	54,036	54,757	57,467	64,417	64,807	65,300	65,794	66,233	66,624	67,044	67,483	58,831	58,287	58,594	58,906	59,225
Check: MHI-Nalcor-1 Isolated	52,937	53,260	54,036	54,757	57,467	64,417	64,807	65,300	65,794	66,233	66,624	67,044	67,483	58,831	58,287	58,594	58,906	59,225
Difference	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Infeed</i>																		
Corner Brook Co-Gen O&M Sheet	2,868	2,870	2,872	2,874	2,875	2,877	2,879	2,881	2,882	2,884	2,886	2,888	2,890	246	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	4,460	4,564	5,000	5,420	5,629	5,755	5,886	6,116	6,340	6,505	6,617	6,752	6,900	624	0	0	0	0
	7,329	7,434	7,873	8,294	8,504	8,632	8,765	8,996	9,223	9,389	9,503	9,640	9,790	870	0	0	0	0
Bishops Falls - Exploits Generation	2,167	2,167	2,191	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208
Grand Falls - Exploits Generation	7,249	7,249	7,331	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386
Exploits River Partnership	10,606	10,608	10,609	10,611	10,613	10,615	10,617	10,619	10,621	10,623	10,625	10,627	10,630	10,632	10,634	10,636	10,639	10,641
Star Lake/Rattle Brook	11,945	12,107	12,265	12,427	12,585	12,738	12,895	13,055	13,218	13,384	13,553	13,726	13,903	14,083	14,266	14,453	14,644	14,839
3rd Wind - 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Lawrence Wind	7,329	7,362	7,397	7,432	7,467	7,501	7,535	7,569	7,603	7,639	7,675	7,712	7,750	7,788	7,827	7,867	7,908	7,949
Fermeuse - Wind	6,313	6,341	6,370	6,399	6,429	6,458	6,486	6,515	6,545	6,575	6,605	6,636	6,668	6,701	6,734	6,767	6,802	6,837
Total	52,937	53,267	54,036	54,757	55,192	55,539	55,892	56,348	56,803	57,203	57,556	57,935	58,333	49,666	49,054	49,318	49,586	49,860
Check: MHI-Nalcor-1 Infeed	52,937	53,267	54,036	54,757	55,192	55,539	55,892	56,348	56,803	57,203	57,556	57,935	58,333	49,666	49,054	49,318	49,586	49,860
Difference	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Difference: Isolated v. Infeed</i>																		
Corner Brook Co-Gen O&M Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0	0	0	0	1	1	1	1	1	1	(25)	0	0	0	0
	0	0	0	0	0	0	0	1	1	1	1	1	2	(25)	0	0	0	0
Bishops Falls - Exploits Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Falls - Exploits Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploits River Partnership	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Star Lake/Rattle Brook	0	(7)	0	0	8	15	16	16	16	17	17	17	18	18	18	19	19	19
3rd Wind - 2014	0	0	0	0	2,268	8,863	8,899	8,936	8,973	9,011	9,050	9,090	9,131	9,172	9,214	9,257	9,301	9,346
St. Lawrence Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fermeuse - Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	(7)	0	0	2,275	8,878	8,914	8,953	8,991	9,029	9,068	9,109	9,150	9,165	9,233	9,276	9,320	9,366

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	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
<i>Isolated</i>																		
Corner Brook Co-Gen O&M Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bishops Falls - Exploits Generation	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208
Grand Falls - Exploits Generation	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386
Exploits River Partnership	10,643	10,646	10,648	10,651	10,654	10,656	10,659	10,662	10,665	10,668	10,671	10,674	10,677	10,680	10,683	10,686	10,690	10,693
Star Lake/Rattle Brook	15,057	15,260	15,467	15,678	15,894	16,113	16,338	16,566	16,799	17,037	17,280	17,527	17,779	18,037	18,299	18,567	18,840	19,119
3rd Wind - 2014	9,392	9,439	9,486	9,535	9,584	9,635	7,180	0	0	0	0	0	0	0	0	0	0	0
St. Lawrence Wind	5,928	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fermeuse - Wind	5,099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	55,713	44,938	45,195	45,458	45,725	45,998	43,770	36,822	37,058	37,298	37,544	37,794	38,050	38,310	38,576	38,847	39,124	39,406

Check: MHI-Nalcor-1 Isolated	55,713	44,938	45,195	45,458	45,725	45,998	43,770	36,822	37,058	37,298	37,544	37,794	38,050	38,310	38,576	38,847	39,124	39,406
Difference	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Infeed

Corner Brook Co-Gen O&M Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bishops Falls - Exploits Generation	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208
Grand Falls - Exploits Generation	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386
Exploits River Partnership	10,643	10,646	10,648	10,651	10,654	10,656	10,659	10,662	10,665	10,668	10,671	10,674	10,677	10,680	10,683	10,686	10,690	10,693
Star Lake/Rattle Brook	15,037	15,240	15,447	15,657	15,872	16,092	16,315	16,543	16,776	17,013	17,255	17,502	17,754	18,011	18,273	18,541	18,813	19,091
3rd Wind - 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Lawrence Wind	5,928	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fermeuse - Wind	5,099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	46,302	35,479	35,689	35,902	36,120	36,342	36,568	36,799	37,034	37,275	37,520	37,770	38,025	38,285	38,550	38,821	39,097	39,378

Check: MHI-Nalcor-1 Infeed	46,302	35,479	35,689	35,902	36,120	36,342	36,568	36,799	37,034	37,275	37,520	37,770	38,025	38,285	38,550	38,821	39,097	39,378
Difference	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Difference: Isolated v. Infeed

Corner Brook Co-Gen O&M Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bishops Falls - Exploits Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Falls - Exploits Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploits River Partnership	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Star Lake/Rattle Brook	20	20	21	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28
3rd Wind - 2014	9,392	9,439	9,486	9,535	9,584	9,635	7,180	0	0	0	0	0	0	0	0	0	0	0
St. Lawrence Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fermeuse - Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9,412	9,459	9,507	9,556	9,606	9,657	7,202	23	23	24	24	25	25	26	26	27	27	28

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	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063
<i>Isolated</i>																		
Corner Brook Co-Gen O&M Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bishops Falls - Exploits Generation	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208
Grand Falls - Exploits Generation	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386
Exploits River Partnership	10,697	10,700	10,704	10,708	10,711	10,715	10,719	10,723	10,727	10,731	10,736	10,740	10,744	10,749	10,753	10,758	10,763	10,768
Star Lake/Rattle Brook	19,403	19,693	19,989	20,290	20,598	20,912	21,232	21,558	21,891	22,231	22,578	22,931	23,291	23,659	24,034	24,417	24,807	25,205
3rd Wind - 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Lawrence Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fermeuse - Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	39,694	39,987	40,286	40,592	40,903	41,221	41,545	41,875	42,212	42,556	42,907	43,264	43,629	44,001	44,381	44,768	45,163	45,566

Check: MHI-Nalcor-1 Isolated	39,694	39,987	40,286	40,592	40,903	41,221	41,545	41,875	42,212	42,556	42,907	43,264	43,629	44,001	44,381	44,768	45,163	45,566
Difference	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Infeed

Corner Brook Co-Gen O&M Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bishops Falls - Exploits Generation	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208
Grand Falls - Exploits Generation	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386	7,386
Exploits River Partnership	10,697	10,700	10,704	10,708	10,711	10,715	10,719	10,723	10,727	10,731	10,736	10,740	10,744	10,749	10,753	10,758	10,763	10,768
Star Lake/Rattle Brook	19,375	19,664	19,959	20,260	20,567	20,881	21,200	21,526	21,858	22,197	22,543	22,896	23,255	23,622	23,997	24,378	24,768	25,165
3rd Wind - 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Lawrence Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fermeuse - Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	39,665	39,958	40,257	40,562	40,872	41,189	41,513	41,843	42,179	42,522	42,872	43,229	43,593	43,965	44,344	44,730	45,124	45,526

Check: MHI-Nalcor-1 Infeed	39,665	39,958	40,257	40,562	40,872	41,189	41,513	41,843	42,179	42,522	42,872	43,229	43,593	43,965	44,344	44,730	45,124	45,526
Difference	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Difference: Isolated v. Infeed

Corner Brook Co-Gen O&M Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bishops Falls - Exploits Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Falls - Exploits Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exploits River Partnership	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Star Lake/Rattle Brook	28	29	30	30	31	31	32	33	33	34	35	35	36	37	37	38	39	40
3rd Wind - 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Lawrence Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fermeuse - Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	28	29	30	30	31	31	32	33	33	34	35	35	36	37	37	38	39	40

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	2064	2065	2066	2067
<i>Isolated</i>				
Corner Brook Co-Gen O&M Sheet	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0
	0	0	0	0
Bishops Falls - Exploits Generation	2,208	2,208	2,208	2,208
Grand Falls - Exploits Generation	7,386	7,386	7,386	7,386
Exploits River Partnership	10,773	10,778	10,783	10,788
Star Lake/Rattle Brook	25,611	26,025	26,447	26,878
3rd Wind - 2014	0	0	0	0
St. Lawrence Wind	0	0	0	0
Fermeuse - Wind	0	0	0	0
Total	45,977	46,396	46,823	47,259
Check: MHI-Nalcor-1 Isolated	45,977	46,396	46,823	47,259
Difference	0	0	0	0

<i>Infeed</i>				
Corner Brook Co-Gen O&M Sheet	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0
	0	0	0	0
Bishops Falls - Exploits Generation	2,208	2,208	2,208	2,208
Grand Falls - Exploits Generation	7,386	7,386	7,386	7,386
Exploits River Partnership	10,773	10,778	10,783	10,788
Star Lake/Rattle Brook	25,570	25,983	26,405	26,835
3rd Wind - 2014	0	0	0	0
St. Lawrence Wind	0	0	0	0
Fermeuse - Wind	0	0	0	0
Total	45,936	46,355	46,781	47,216
Check: MHI-Nalcor-1 Infeed	45,936	46,355	46,781	47,216
Difference	0	0	0	0

<i>Difference: Isolated v. Infeed</i>				
Corner Brook Co-Gen O&M Sheet	0	0	0	0
Corner Brook Co-Gen Fuel Sheet	0	0	0	0
	0	0	0	0
Bishops Falls - Exploits Generation	0	0	0	0
Grand Falls - Exploits Generation	0	0	0	0
Exploits River Partnership	0	0	0	0
Star Lake/Rattle Brook	41	41	42	43
3rd Wind - 2014	0	0	0	0
St. Lawrence Wind	0	0	0	0
Fermeuse - Wind	0	0	0	0
Total	41	41	42	43