

Energy Over The Infeed
Labrador HVdc Analysis 2010: Input to NLH Generation Planning Analysis

	Total Energy Over Infeed GWh	Power Purchases \$000
2010	0.0	0
2011	0.0	0
2012	0.0	0
2013	0.0	0
2014	0.0	0
2015	0.0	0
2016	0.0	0
2017	1,906.7	166,064
2018	1,976.3	175,566
2019	2,055.5	186,252
2020	2,125.2	196,415
2021	2,226.0	209,849
2022	2,328.3	223,883
2023	2,503.3	245,531
2024	2,575.9	257,705
2025	2,637.1	269,099
2026	2,723.7	283,493
2027	2,817.0	299,074
2028	2,957.2	320,236
2029	3,184.0	351,695
2030	3,265.9	367,950
2031	3,347.9	384,734
2032	3,429.6	402,008
2033	3,511.4	419,822
2034	3,593.2	438,197
2035	3,666.7	456,106
2036	3,731.6	473,458
2037	3,665.7	474,395
2038	3,735.2	493,064
2039	3,808.4	512,787
2040	3,873.9	532,031
2041	3,938.8	551,758
2042	4,003.8	572,087
2043	4,068.7	592,988
2044	4,134.0	614,549
2045	4,198.8	636,677
2046	4,263.9	659,468
2047	4,328.2	682,807
2048	4,393.2	706,915
2049	4,458.0	731,704
2050	4,514.7	755,830
2051	4,571.3	780,595
2052	4,627.7	806,039
2053	4,684.2	832,197
2054	4,736.7	858,354
2055	4,789.1	885,209
2056	4,841.7	912,830
2057	4,894.1	937,147
2058	4,946.0	955,993
2059	4,998.3	975,215
2060	5,050.8	994,819
2061	5,102.5	1,014,812
2062	5,154.6	1,035,203
2063	5,206.6	1,056,000
2064	5,258.9	1,077,211
2065	5,306.2	1,098,834
2066	5,348.5	1,120,878
2067	5,389.5	1,143,359

Energy Over the Infeed requirement as per NLH System Planning Strategist run 2010PLF.
Economic price as per MF S-PWC-245 reference case (island sales with remainder spilled), 100% equity.
Update 10/29/2010: Data source - Energy Over Infeed.BaseCase.2010Oct22MFprice.900LCC.xls
Nalcor IE June 2011