

1 Q. Please provide a list of all studies and reports that have been completed or  
2 are in progress and the cost of each for Muskrat Falls, including the  
3 transmission link to the Island and the Isolated Island Option.  
4  
5

6 A. The table on the following page provides a listing of costs incurred from inception  
7 to December 31, 2011 totaling \$79.9 million related to studies, analysis and reports  
8 completed on various aspects of the Project, including environmental assessment,  
9 financing, SOBI cable crossing, etc., in addition to those previously provided in  
10 Nalcor's response to PUB-Nalcor-9.  
11

12 It should be noted that for a significant portion of the work, in particular the current  
13 on-going detailed design and engineering work, Nalcor does not track cost on a  
14 study or report basis, and hence these costs are reported at a summary level.

**Summary of Forecasted Expenditures related to Reports, Studies and Analysis (Inception to Dec 31, 2011)**  
**Muskrat Falls and Labrador Island Transmission Link**

		Muskrat Falls Allocated Cost	Labrador Island Transmission Link Allocated Cost	Total
Group Description	CODE 2	Total	Total	
1- Project Management	Contracts Legal Support (Island Link)	\$0	\$50,000	\$50,000
	Contracts Legal Support (Muskrat Falls Generation)	\$100,000	\$0	\$100,000
	LCP C&A Benefits Third Party Services (Benefits Plan Consulting)	\$4,790	\$4,493	\$9,283
	LCP C&A Legal Services (Labour Relations Negotiations)	\$292,420	\$237,955	\$530,375
	LCP C&A Third Party Legal Services (Contracting Strategy Assistance)	\$41,820	\$46,526	\$88,346
	LCP Communications (External Communication Strategy Support)	\$317,295	\$299,089	\$616,384
	LCP HSE FEED Safety Studies (PHA and HAZID)	\$4,571	\$17,562	\$22,133
	LCP Other Support Legal - Financial & Tax Advice	\$3,870	\$11,872	\$15,742
	LCP Other Support Legal - Strategic Advice	\$147,330	\$290,772	\$438,102
	LCP Other Support Legal - Water Management Advice	\$0	\$0	\$0
	LCP PMT (Legal) Budget - Inception to 2007	\$570,110	\$685,534	\$1,255,644
	LCP PMT Management - IPR Teams	\$151,781	\$141,155	\$292,936
	LCP PMT Management - Specialist Support	\$242,966	\$246,781	\$489,747
	LCP Project Services Economic Analysis Support	\$26,444	\$20,900	\$47,344
	LCP Risk Management 3rd Party Consultant	\$111,780	\$244,568	\$356,348
<b>1- Project Management Total</b>		<b>\$2,015,178</b>	<b>\$2,297,205</b>	<b>\$4,312,383</b>
2 - Engineering	LCP Eng SOBI Field Investigation and Support (CLOSED - DO NOT INCUR OR COMMIT)	\$0	\$9,688,229	\$9,688,229
	LCP Eng SOBI Seabed Study Work (Phase II Conceptual Works)	\$0	\$641,383	\$641,383
	SOBI - Landfall (Studies and Investigations)	\$0	\$1,636,211	\$1,636,211
	SOBI - Project Engineering and Misc. Works	\$0	\$5,176,263	\$5,176,263
	SOBI - Submarine Cable & Installation	\$0	\$42,174	\$42,174
<b>2 - Engineering Total</b>		<b>\$0</b>	<b>\$17,184,260</b>	<b>\$17,184,260</b>
3 - Environmental	Environmental Affairs - General Consultation	\$11,175	\$9,005	\$20,180
	Environmental Management Expert Legal Advice	\$175,224	\$0	\$175,224
	General (Response to Project Modifications)	\$0	\$143,063	\$143,063
	LCP E&AA Generation Response to Project Modifications	\$1,751	\$0	\$1,751
	LCP E&AA Generation TPS (Panel Hearing Supporting)	\$475,271	\$0	\$475,271
	LCP E&AA Generation TPS (Preparation of Responses to IRs)	\$767,996	\$0	\$767,996
	LCP E&AA Generation Updates and Supplements to Studies	\$194,337	\$0	\$194,337
	LCP E&AA Management General Consultant Services	\$24,665	\$0	\$24,665
	LCP E&AA Transmission Island Link Document Production	\$0	\$69,673	\$69,673
	LCP E&AA Transmission Island Link Legal Support	\$0	\$15,774	\$15,774
	LCP EA EIS Generation TPS (Completion of preparation of the EIS)	\$438,291	\$0	\$438,291
	LCP EA EIS Generation TPS (Production of the EIS)	\$95,566	\$0	\$95,566
	LCP EA EIS TX1 EIS Preparation (Management)	\$0	\$1,951,216	\$1,951,216
	LCP EA EIS TX1 Helicopter Services	\$0	\$647,550	\$647,550
	LCP EA EIS TX1 Studies - Aquatic Environment	\$0	\$202,787	\$202,787
	LCP EA EIS TX1 Studies - Historic & Heritage Resources	\$0	\$237,651	\$237,651
	LCP EA EIS TX1 Studies - Imagery & Information Management	\$0	\$86,254	\$86,254
	LCP EA EIS TX1 Studies - Marine Environment	\$0	\$1,346,154	\$1,346,154
	LCP EA EIS TX1 Studies - Socioeconomic, Marine, Land & resource Use	\$0	\$231,825	\$231,825
	LCP EA EIS TX1 Studies - Terrestrial Env (Vegn & Wildlife)	\$0	\$1,048,044	\$1,048,044
	LCP EA EIS TX1 Studies - Transmission Planning & Route Selection	\$0	\$213,089	\$213,089
	LCP EA Generation DFO Compensation Strategy	\$202,625	\$0	\$202,625
	LCP EA Generation IR Document Production	\$54,610	\$0	\$54,610
	LCP EA Generation Legal Support	\$833,258	\$0	\$833,258
	LCP EA Generation Process Costs (Panel, HADD, etc.)	\$1,205,648	\$0	\$1,205,648
	LCP EA Isld Link Process Costs (Panel, HADD, etc.)	\$0	\$75,000	\$75,000
<b>3 - Environmental Total</b>		<b>\$4,480,418</b>	<b>\$6,277,086</b>	<b>\$10,757,504</b>
4 - Aboriginal Affairs	LCP Aboriginal Agreements Consultation (Interpretation & Translation)	\$6,920	\$0	\$6,920
	LCP Aboriginal Agreements General Planning & Strategic Support	\$18,256	\$0	\$18,256
	LCP Aboriginal Planning Expert Advice	\$4,020	\$0	\$4,020
	LCP E&AA - OAG translation	\$12,570	\$0	\$12,570
	LCP E&AA Aboriginal Agreements Legal Support	\$180,805	\$58,310	\$239,115
	LCP IBA Third Party Service (Document Preparation IBA, IMA)	\$526	\$0	\$526
<b>4 - Aboriginal Affairs Total</b>		<b>\$223,098</b>	<b>\$58,310</b>	<b>\$281,408</b>
6 - EPCM	EPCM Construction Management	\$378,893	\$300,000	\$678,893
	EPCM Engineering	\$12,026,635	\$3,245,274	\$15,271,908
	EPCM General Services	\$2,307,766	\$989,043	\$3,296,809
	EPCM PM	\$8,648,979	\$5,008,063	\$13,657,041
<b>6 - EPCM Total</b>		<b>\$23,362,273</b>	<b>\$9,542,379</b>	<b>\$32,904,652</b>
8 - Power Sales	LCP M&A MDR Third Party Services GHG Work	\$930	\$10,121	\$11,051
	LCP M&A MDR US Legal Services - Regulatory Work	\$87,368	\$82,275	\$169,643
	LCP M&A PPA Legal Services (Canadian Regulatory Work)	\$884,795	\$1,406,599	\$2,291,393
	LCP M&A PPA Legal Services (Detailed Negotiations of PPA's)	\$213,214	\$186,737	\$399,951
	LCP M&A Transmission Service Request Third Party Services (System Studies PQ)	\$25,312	\$57,648	\$82,960
	LCP MA&E Third Party Services (Electricity Industry Consultant) (DO NOT INCUR OR	\$7,757	\$17,839	\$25,596
	LCP MA&E Third Party Services (Market Assessment Consultants)	\$49,342	\$67,064	\$116,406
<b>8 - Power Sales Total</b>		<b>\$1,268,718</b>	<b>\$1,828,282</b>	<b>\$3,097,000</b>
9 - Finance and Commercial Agreements	Commercial Agreements - Consulting Services	\$315,000	\$135,000	\$450,000
	Commercial Agreements - Legal Services	\$544,961	\$233,555	\$778,515
	Financial Consulting - Consulting Services	\$1,520,053	\$651,451	\$2,171,504
	Financial Consulting - Legal Services	\$350,000	\$150,000	\$500,000
	Independant Reviews - Public Utilities Board	\$1,100,000	\$0	\$1,100,000
	LCP FC Phase 2A WTO 4a, 5a, 6a, 7a Gate 2A Deliverables	\$487,248	\$832,321	\$1,319,569
	LCP Financing and Market Sounding Related Activities	\$0	\$600,000	\$600,000
	LCP PF Insurance (Brokerage)	\$49,764	\$40,100	\$89,864
	Legal Services - Formal Agreements	\$0	\$984,495	\$984,495
	Project Debt Financing - External Legal Services	\$684,600	\$293,400	\$978,000
	Project Debt Financing - Lenders Engineer	\$467,600	\$200,400	\$668,000
	Project Debt Financing -Consulting Services	\$1,232,000	\$528,000	\$1,760,000
<b>9 - Finance and Commercial Agreements Total</b>		<b>\$6,751,226</b>	<b>\$4,648,722</b>	<b>\$11,399,947</b>
		\$38,100,910	\$41,836,245	\$79,937,155
		\$38,100,910	\$41,836,245	\$79,937,155