Lower Churchill Phase I: Indicative Rating Presentation November, 2011





Nalcor Team

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Presentation Outline

- Safety Moment
- 2. Purpose of Presentation
- 3. Introduction & Background
- 4. Investment Grade Rating Highlights
- Project Execution
- 6. Project Structure & Key Agreements
- Financing Strategy
- 8. Financial Metrics & Debt Service
- 9. Summary and Next Steps



Safety Moment



Purpose of Presentation



Purpose of Presentation

- Launch the indicative credit rating process, excluding a federal loan guarantee ("FLG"), for the proposed \$4.0 billion project debt financings for Phase I of the Lower Churchill Projects ("LCP"):
 - Muskrat Falls ("MF") and Labrador Transmission Assets ("LTA")
 - 2. Labrador Island Link ("LIL"), assuming 100% Nalcor ownership
- Nalcor is undertaking this credit rating assessment now for two reasons:
 - to gain valuable financial market information as we prepare for a Project Sanction decision in 2012; and
 - to facilitate our ongoing discussions with the Government of Canada on the FLG by establishing a non-guaranteed credit rating
- Financing of the Maritime Link ("ML") to be undertaken by Emera Inc. – outside the scope of this credit rating request



Investment Grade Rating Highlights

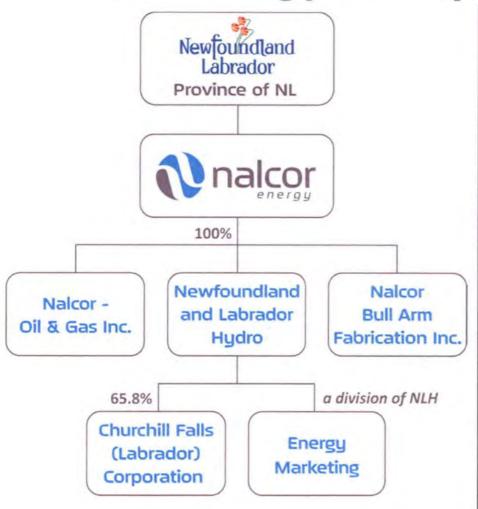
- √ Robust business case
- ✓ Attractive project attributes
- √ High quality regulated revenues
- √ Assembled experienced team with mega-project expertise
- √ Proven operating experience
- ✓ Robust financial profile
- √ Access to export markets via two transmission routes
- √ Strong support from Shareholder Government of NL
- √ Projects supported by Innu ratified Innu Benefits Agreement ("IBA")
- ✓ Projects supported and endorsed by Government of Canada



Introduction & Background



Nalcor Energy - Corporate Profile



Who is Nalcor?

- · Diversified growth focused energy company
- · World class energy assets
- · Partner with other leading energy companies
- Demonstrated history of building and operating hydro-electric and transmission assets
- Key player in executing NL Energy Plan

Key Assets/Operational Statistics

Hydro-electric generation (MW)	6,386		
Other Generation (MW)	698		
Transmission Lines (km)	4,820		
Labrador-NY Transmission (MW)	265		
Oil Reserves (Mbbls)	22.7		
Oil Production (000 bbls per year)	840		
Domestic Electricity Sales (TWh)	8.4		
Export Sales- HQ (TWh)	29.0		
Export Sales – NY/NB (TWh)			



Nalcor Energy - Financial Profile

(\$ millions, except ratio)	2005	2006	2007	2008	2009	2010	2011 (F)
Revenue	527	542	568	563	562	589	698
Net Income	72	70	82	82	60	78	128
Cash from Operations	124	122	134	141	116	146	217
Debt	1,462	1,362	1,252	1,184	1,000	937	944
Equity	507	574	678	935	1,142	1,265	1,401
Debt:Equity Ratio	74:26	70:30	65:35	56:44	47:53	43:57	40:60
Capital Expenditures	48	61	87	206	178	196	305
Dividends	56	3					
Total Assets	2,204	2,216	2,286	2,480	2,631	2,805	2,756

- Significant improvement in capital structure since 2005
- No dividend payments since 2006 all cash reinvested
- · Significant equity contributions made by Shareholder
- · Debt levels reduced by \$500+ million
- Investments in Lower Churchill and Oil & Gas all financed by equity (in excess of \$500 million)
- New investment starting to produce significant cash flow in 2011
- Newfoundland Labrador Hydro ("NLH") regulated ROE to be same as Newfoundland Power starting in 2012

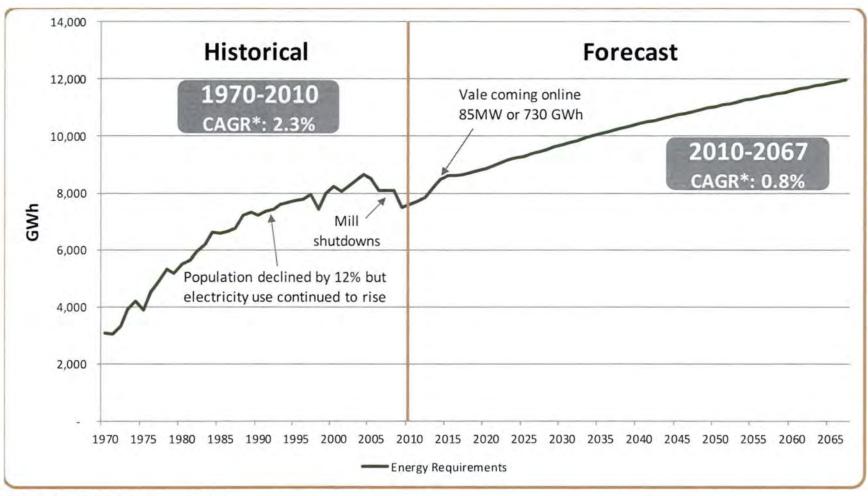


Lower Churchill Project - Phase 1

Muskrat Falls (824 MW) Labrador-Island Transmission Link Ownership: 100% Nalcor Ownership: 100% Nalcor \$2.5 billion Construction cost: LABRADOR (~71% Nalcor/29% Emera upon Emera's participation) Regulatory recovery: 100% NLH Construction cost: \$2.1 billion Muskrat Falls First Power: late 2016 Regulatory recovery: 100% NLH In-Service: late 2016 Churchill 5,428 MW Churchill Falls Hydro-Electric Plant NEWFOUNDLAND **Labrador Transmission Assets** St. John's Ownership: 100% Nalcor **Soldiers Pond Bottom** Construction cost: \$0.4 billion Brook Regulatory recovery: 100% NLH 500 MW Holyrood **Thermal Generating Plant** In-Service: late 2016 Cape Ray Atlantic Ocean **Maritime Transmission Link** 600 MW Bay D'Espoir Ownership: 100% NSPI P.E.I. Cape Hydro-Electric Plant Breton Construction cost: \$1.2 billion NB Regulatory recovery: 100% NSPI In-Service: late 2016 Labrador - Island Transmission Link Transferred to Nalcor: 2052 **Maritime Transmission Link Existing AC Transmission Lines Labrador Transmission Assets** NH Subsea component of link



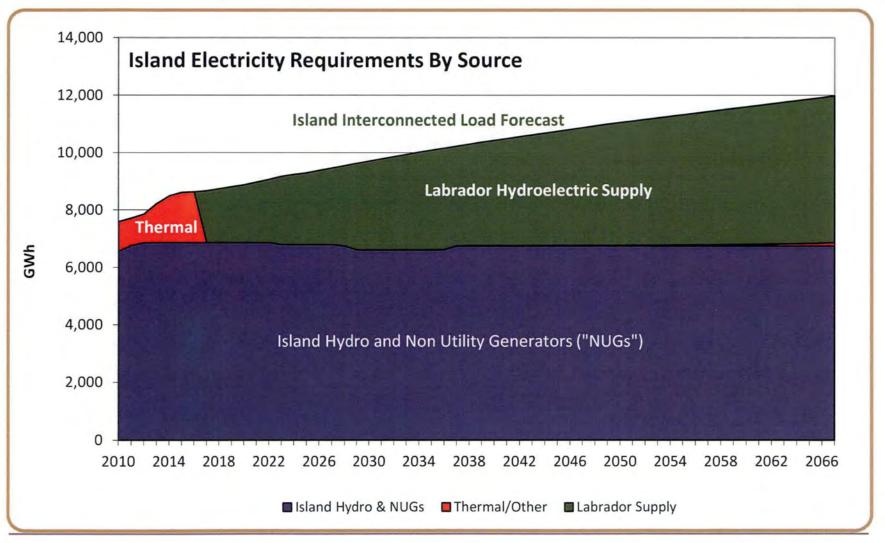
Island Electricity Needs



*CAGR - Compound Annual Growth Rate



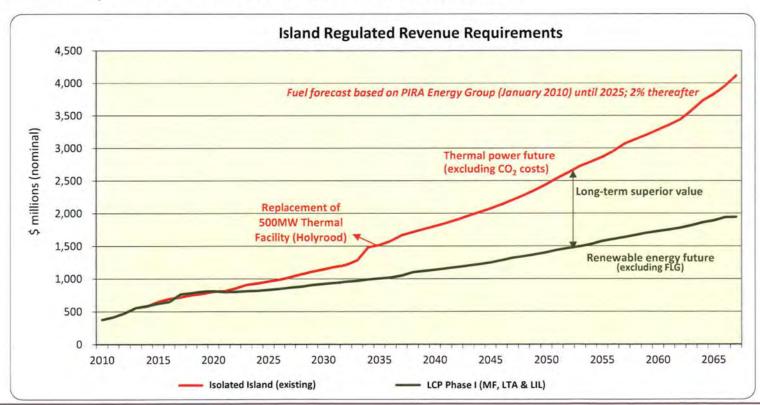
Island Supply Projections (2010 - 2067)





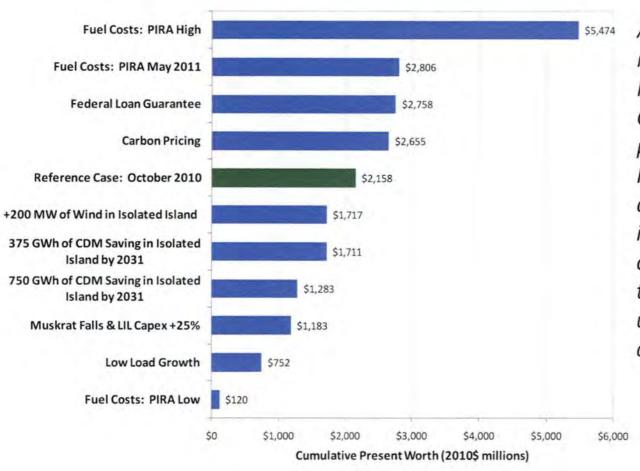
Island Supply Costs

- MF provides the least-cost alternative to meet NLH customer demand for power
- \$40+ billion in nominal savings over the life of the asset (PV of \$2.2+ billion savings)
- · Long-term rate stability removes reliance on thermal generation and global fuel prices
- Muskrat Falls provides a reduction in "real" rates to customers





Robustness of Island Supply Decision

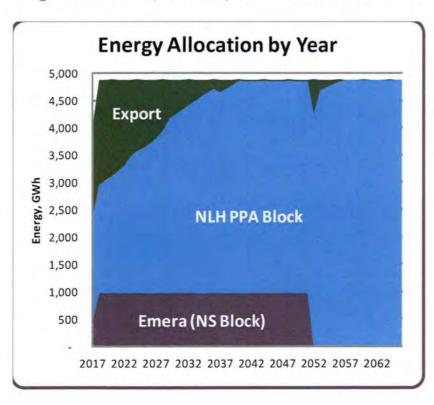


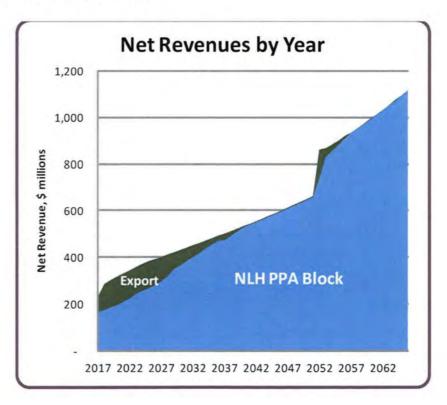
All of the sensitivity cases run by Nalcor and Navigant resulted in a Cumulative Present Worth preference for the Interconnected Island alternative clearly indicating the robustness of the DG2 decision given the underlying risk and uncertainty in key assumptions.



Annual Revenue and Energy Supply

MF energy and revenue are supported by a long-term Power Purchase Agreement ("PPA") with NLH to meet Island demand







Where we are...

Project Execution

- Passed through Decision Gate 2 ("DG2") Q4-2010; moving towards Decision Gate 3 ("DG3") Sanction Q2-2012
- SNC Lavalin ("SNC") engaged as EPCM Consultant
- · Environmental processes under way
- Innu Nation IBA and land claims ratified
- · RFP's for LIL subsea cable and MF turbine and generator contracts issued
- DG2 independent reviews on project execution readiness and business case completed
- Independent Engineer RFP process underway and to be engaged by Q1-2012

Commercial & Financing

- NL Government Commitment Letter equity commitment and cost recovery framework to be enacted by Q2-2012
- NL Memorandum of Principles agreed to principles for power supply and transmission arrangements with NLH; agreements to be finalized Q1-2012
- Emera Term Sheet agreements to be finalized Q4-2011
- Financing strategy well developed
- FLG Memorandum of Agreement with Canada; term sheet to be finalized Q1-2012
- · Water Agreements executed

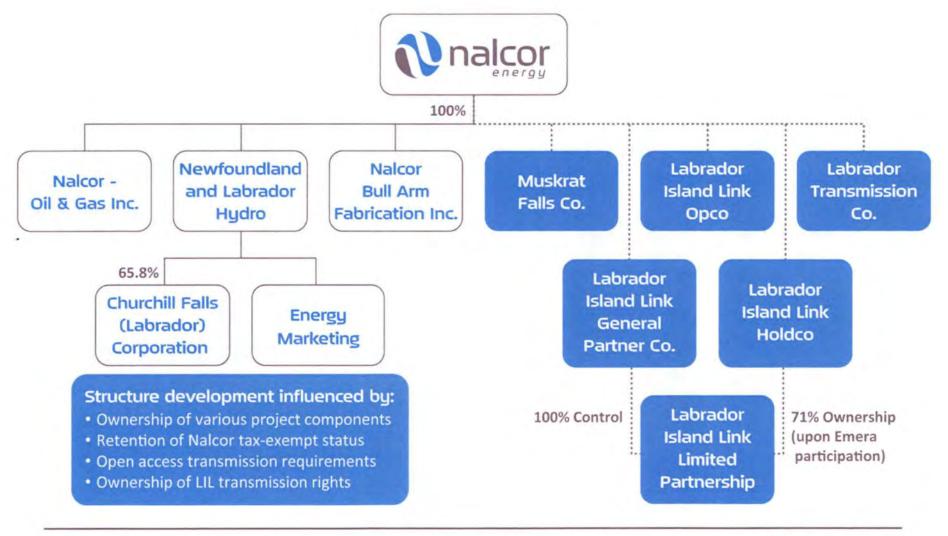


Financing Strategy & Capital Structure

- Debt Structure
 - Traditional project financing construction period loan with long-term takeout
 - 3 project entities participating in 2 financings (MF/LTA borrow jointly)
 - Sizing based on available debt service coverage from NLH revenues
 - Total debt of \$4.0 billion
- Prudent capital structure, debt-to-equity ratios as follows:
 - o MF 60:40; LTA 42:58 (Combined 58:42)
 - o LIL 75:25
- Equity to be provided by Nalcor via NL equity commitment
 - Base equity level
 - Contingent equity level to ensure in-service achieved
- Debt Service
 - All debt service is supported without export sales
 - Debt Service Reserves and Liquidity Reserve account



Nalcor's Future Corporate Structure





Investment Grade Rating Highlights



Investment Grade Rating Highlights

✓ Robust business case

- Least cost source of new generation
- \$40+ billion nominal (\$2.2+ billion PV) preference over Isolated Island scenario
- Eliminates rate volatility and provides improved reliability
- Hydro-electric generation provides the ability to store electricity, ease of dispatch, and facilitates development of other renewable energy
- Decline in electricity prices in real terms
- Business case confirmed by Navigant independent review report

✓ Attractive project attributes

- MF hydrology and site conditions make it one of the two lowest cost undeveloped hydro-electric projects (as per 1992 National Energy Board Report)
- The MF project attributes favorably impact MF costs compared to other hydro projects
- Proven hydro-electric and transmission technology



Investment Grade Rating Highlights (continued)

√ High quality regulated revenues

- Government commitment to ensure cost recovery from NLH regulated customers
- * Export sales are not required for debt servicing
- 50-year power supply and transmission contracts with NLH

√ Assembled experienced team with mega-project expertise

- Team has extensive hydro-electric and transmission experience
- World-class tier 1 suppliers and contractors
- . Disciplined project execution and risk management approach
- Assembled world-class project management experience including building and operating energy assets in Labrador
- Understanding and managing interdependencies is a key focus for the project team



Investment Grade Rating Highlights (continued)

✓ Proven operating experience

- Operating over 6,000 MW of hydro-electric projects for over 40 years
- ❖ Built and operated over 4,800 km of transmission lines
- Experience in trading electricity in North American electricity markets

✓ Robust financial profile

- Debt fully amortized within life of contracts
- Delivering strong forecast debt service coverage ratios in base and stress cases
- Lenders protected from variations in hydrology

✓ Access to export markets via two transmission routes

- Partnership with Emera provides transmission routes into NS, NB and New England
- Supplemented by existing 265 MW firm HQTE transmission rights to New York



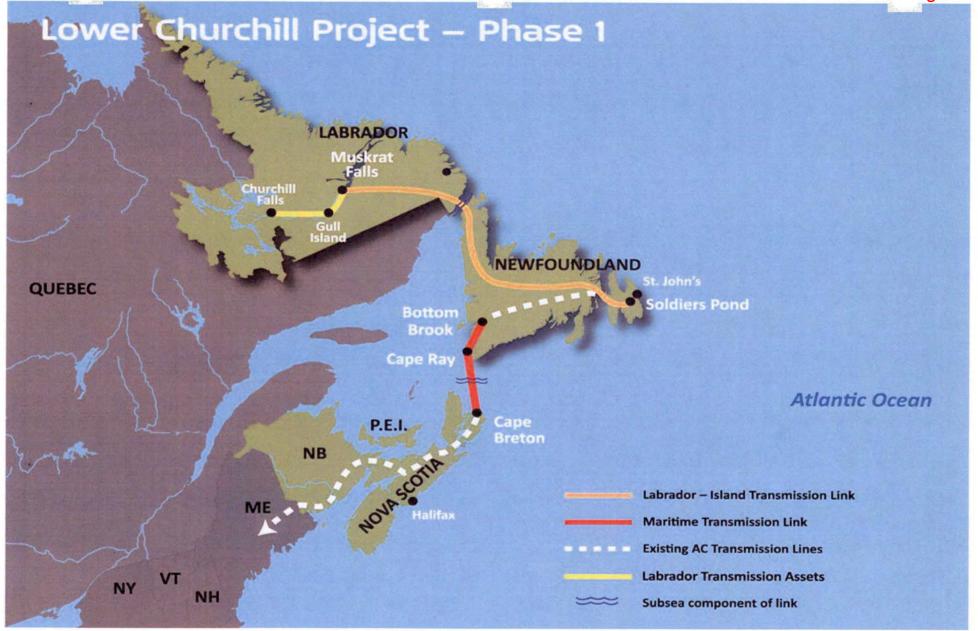
Investment Grade Rating Highlights (continued)

- √ Strong support from Shareholder Government of NL
 - Lower Churchill fundamental to Energy Plan
 - Shareholder commitment for sufficient equity to achieve project in-service
 - Framework to ensure recovery of costs from NLH regulated customers (the "Government Assurance")
- ✓ Projects supported by Innu ratified IBA
- ✓ Projects supported and endorsed by Government of Canada



Project Execution







Key Messages

- World class project team in place
- Applying project management best practices and front end loading
- Schedule clear line of sight through milestones to first power
- 4. Capital cost estimate based on comprehensive process
- 5. Organization equipped and structured to deliver
- 6. Contracting approach appropriate risk allocations



Mega-Project Success Factors

- ✓ Clear scope definition
- √ Solid project plan
- ✓ Realistic basis for cost estimates
- ✓ Optimal delivery/contracting strategy including early derisking and risk allocation
- ✓ Application of proven technology
- ✓ Strong, owner team that includes functional expertise and
 offers continuity over the Projects
- ✓ Strong and effective project control during execution



A Project Development Perspective

MF

- A large civil project but not overly complex to design and build
- Uses tried and tested, proven equipment and technology supplied by world class suppliers such as Voith and ABB
- Expected to attract world class contractors such as Skanska, PCL and PKS
- Built at a single site with a dam ~760 m wide and ~35 m high on bedrock
- ~35 km from a major town with all facilities and services, airport and port

LTA

- This transmission line follows existing right of way close to the Trans-Labrador Highway
- Consistent with voltage class that NLH has used for many years

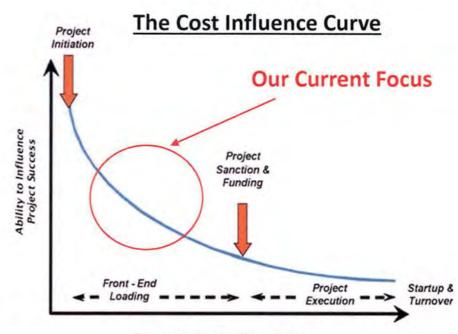
· LIL

- This is a large, long, linear but not overly complex HVdc transmission project
- Uses HVdc "classic/traditional" technology in use for over 40 years in Canada
- Designed and supplied by world class suppliers such as ABB and Siemens
- Strait of Belle Isle ("SOBI") crossing uses tried and tested installation methods
- Subsea cables designed, manufactured and installed by companies with world class experience such as ABB, Nexans and Prysmian



Front-End Loading - Influence on Project Outcome

- Front-end loading project definition and execution planning
- Early and continued focus on derisking the projects
- Robust and disciplined project management with strong owner project controls
- Contracting strategies that minimize and optimally allocate risk
 - Nalcor is the Integrator
 - Engaged a world-class EPCM consultant (SNC)



Time in the Project Life - Cycle

Source: Westney

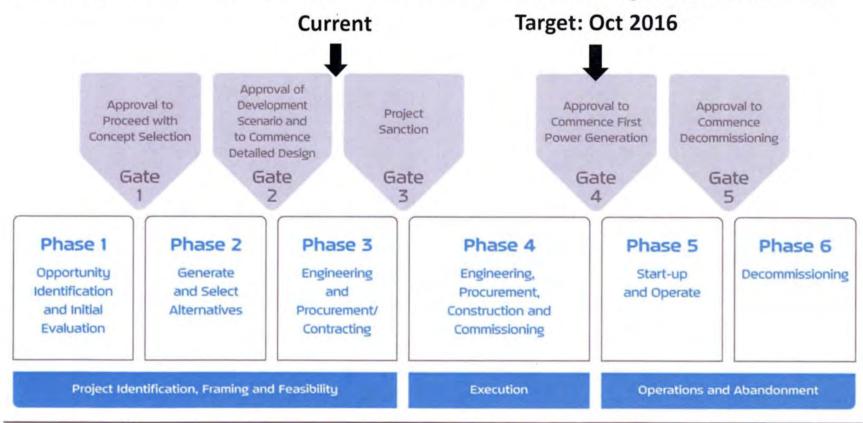
"Project is better prepared than a typical megaproject at end of Front-End Loading (FEL) 2," and the "Project has clear objectives and a well-developed project team that has closed the project scope and achieved optimal project definition."

- Independent Project Analysts, August 2010



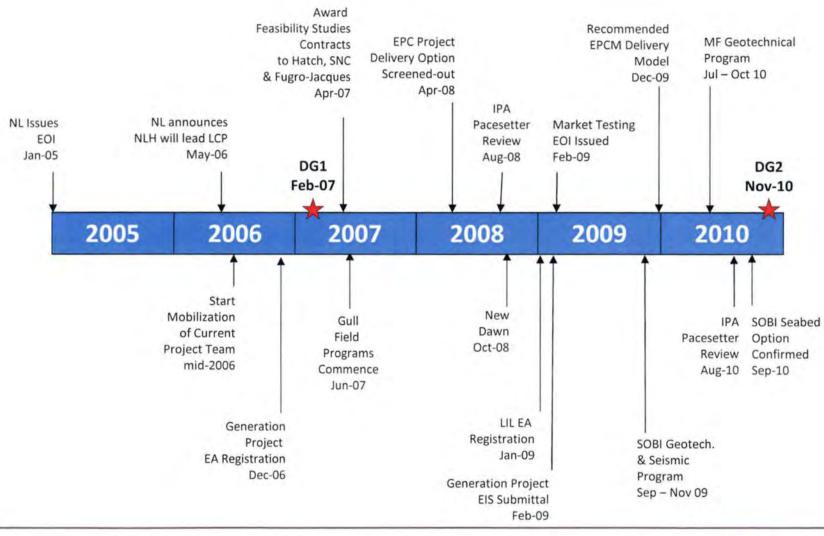
Stage-Gate Process

- · Nalcor is implementing the Projects using a disciplined Stage-Gate Process
- DG2 was achieved in late 2010 and work toward DG3 is currently under way and is projected for completion Q2-2012
- · Gatekeeper is Nalcor CEO in consultation with Nalcor Board of Directors and agreement with Shareholder



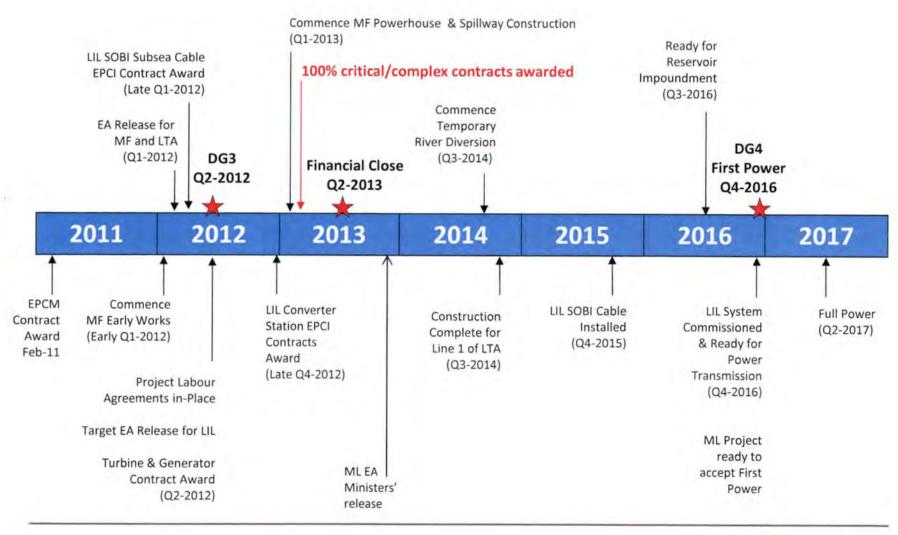


Key Project Achievements





Project Milestones





Establishing the Cost Estimate

The accuracy of the cost estimate is a function of the engineering, procurement and contracting carried out as shown below



- AACEI* Class 4 Estimate
- · Some site investigation work
- Concept selected and feasibility work complete
- Project scope defined
- Quantities estimated based on previous studies
- Estimate based on earlier feasibility studies escalated and updated with latest data
- The estimate reflects the Basis of Design approved at DG2

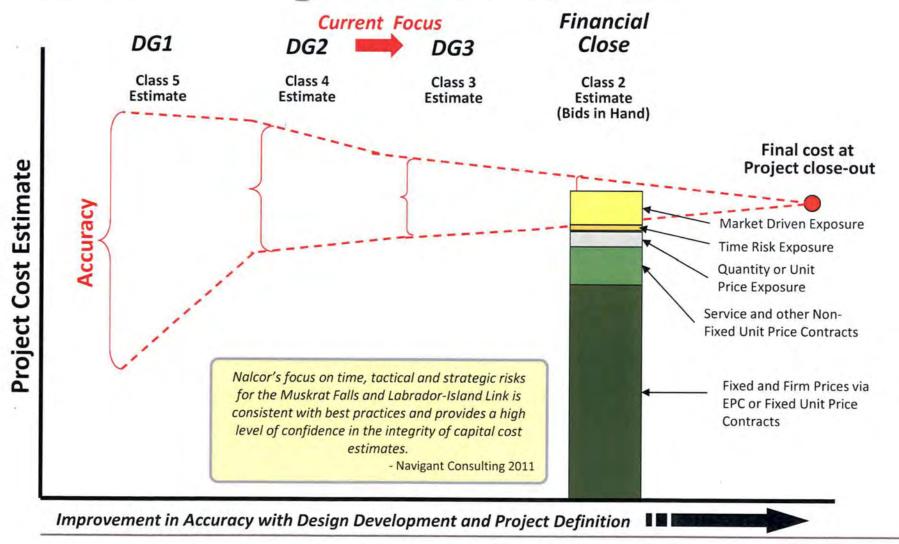
- AACEI* Class 3 Estimate
- Includes latest geotechnical analysis
- Quantities based on 3D model and detailed engineering work
- Includes actual bid costs for SOBI cable contract, T&G sets and LTA plus updated market intelligence and quotes
- Labour rates will be updated based on Labour Agreement
- The estimate reflects the Basis of Design at DG3

- AACEI* Class 2 Estimate
- Includes 100% of all critical/complex PO's and contracts which amount to 80% of all contracts
- Firm quantities with EPC, lump sum and fixed unit price contracts as appropriate
- The estimate reflects the DG3 Basis of Design plus any approved project changes as per Management of Change process



^{*} AACEI - Association for the Advancement of Cost Engineering International

Establishing a Sound Cost Basis





MF Capital Cost is Driven by Favourable Construction Characteristics

Key Element	Muskrat Falls Site Characteristics					
Geotechnical and Hydrology Conditions	 Competent bedrock (Canadian Shield) exposed/near surface Minimal overburden to remove and dispose of Conditions validated by comprehensive site investigations Large Churchill Falls reservoir to call upon, to enable operational flexibility 					
Physical Layout	 No additional structures (ie. dykes) required to create the Reservoir – basically "filling up the river valley", leveraging Churchill Falls reservoir – no land purchase issues Reliable and predictable flows leading to smaller variations in operating water levels All power structures located at one main site Simple/robust/conventional designs for major permanent structures Conventional or roller-compacted concrete founded on bedrock Generally low-profile dam structures (30 to 40 m high) No underground works (MF has surface powerhouse) No temporary spillway facilities to be constructed Diversion uses existing topography and permanent structures (ie. spillway) rather than expensive temporary structures (eg. diversion tunnels) Conventional tried and tested equipment Access by road from Trans-Labrador Highway and close to Goose Bay 					



MF Capital Cost is Driven by Favourable Construction Characteristics

Key Element Muskrat Falls Site Characteristics • All construction materials primarily sourced from site excavations • Very good material balance leading to minimal excess material/spoils • Mostly conventional concreting methods and equipment, in dry conditions



LCP Phase I Estimate - Key Points

- · Detailed bottom-up estimate carried out
- Capital Cost Estimate Report issued at DG2 which fully documents the assumptions, pricing, risks and contingency which support the capital cost estimate
- Estimate validated by independent, expert, external consultants
- Estimate included quotes from suppliers and equipment manufacturers
- Escalation factors validated by external consultants
- Detailed engineering work is underway and the base estimate, escalation and contingency for MF, LTA and LIL will be updated to reflect the expenditures since DG2



LCP Phase I Estimate - MF

- · A detailed bottom-up estimate approach at DG2 was used
- The DG2 estimate is based on engineering reports using calculated quantities, unit costs, wage rates, construction consumable costs, construction fleet costs, major permanent equipment quotes and historical production rates
- In addition for some areas such as the balance of plant and spillway gates, third
 party benchmarks from constructed plants combined with current unit costs have
 formed the basis of the estimates
- The quantities of bulk excavation, fill and concrete estimates come from a combination of sources, interpretation of the site layouts by experienced consultants and experts
- Currently engineering work continues and a 3D CAD model of MF is being built, a physical model of the facilities is being constructed and hydraulic flow modeling and optimization of the structures is underway
- The detailed engineering work underway by SNC will result in greater accuracy in the quantities of overburden removal, rock excavation, concrete and fills required to arrive at a Class 3 estimate

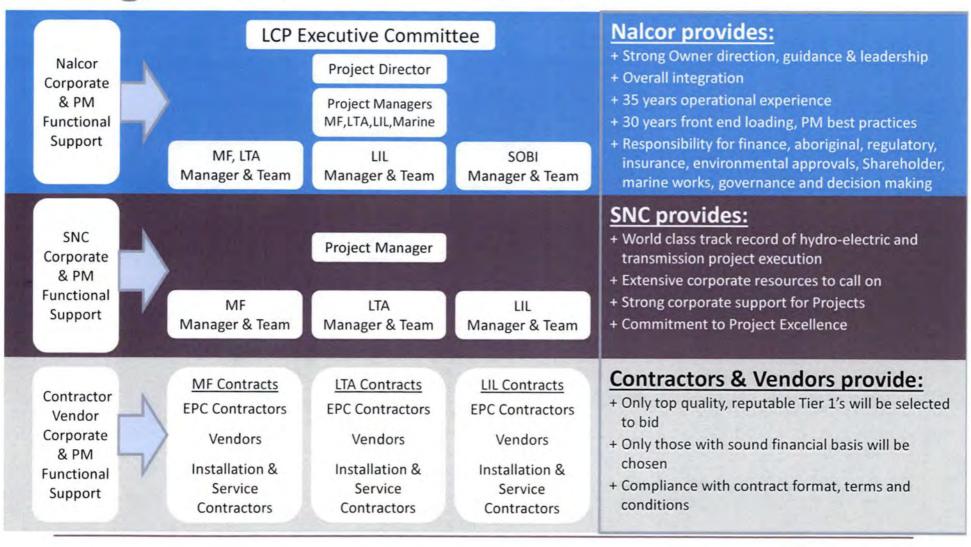


LCP Phase I Estimate - LIL and LTA

- The overland transmission estimate has its foundation in the studies carried out between 2007 and 2010 which included site investigations and desk top studies
- Nalcor's transmission estimating norms were combined with productivity norms from RSW Inc. (now Aecom) based on their Northern Quebec experiences including logistics, construction methods and constraints
- Vendor quotations have been obtained for major hardware including overhead conductors, insulators, converter stations and subsea cables and have been incorporated in the estimate
- The detailed engineering work underway by SNC will result in greater accuracy in the overall material quantities required, number and type of towers, final distances, foundation design and access roads to arrive at a Class 3 estimate



Organizational Structure





Optimizing Project Delivery

Strategic Objectives

Balancing absolute cost against cost certainty, while...

- Achieving the required project quality
- Optimizing the project schedule
- Minimizing overall cost and schedule risk
- Achieving optimum and appropriate risk allocation
- Meeting benefits and First Nations obligations

Decision 1: Delivery Model = EPCM

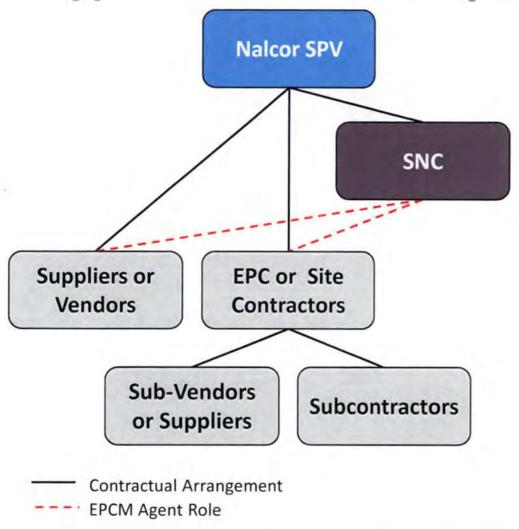
- Market not amenable to single EPC, but to smaller EPC
- Skillsets required vary across the 3 SPVs
- Significant schedule and cost advantage (~8 months, 25% -30% premium)
- Offers enhanced Design Integrity & Performance
- 3 separate SPV's need individual, distinct delivery representation,
- Overarching system design and management needed across the SPV's to ensure total system delivery

Decision 2: Packaging Strategy

- Each SPV requires varied skill sets – need to align to bidder resources and capacities
- Market desires are clear for most major packages
- · Optimize risk allocation
- Maximizes market competition
- Heavily focusing on EPC, lump sums, and fixed unit price
- Reflect IBA Obligations



Typical SPV Delivery Structure



SNC performs detailed engineering, procurement and construction management services

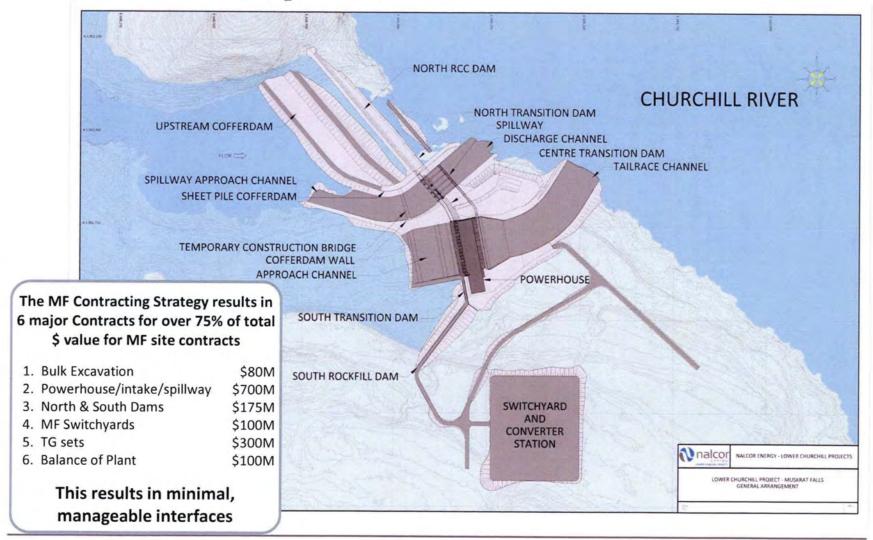
Agreements are between Nalcor SPV and Contractors

The EPCM Consultant acts as representative for the Nalcor SPV in both procurement and construction management activities

<u>Note:</u> The above is not applicable for SOBI Crossing, where Nalcor provides all procurement and construction management for this specialized scope.



MF Plant Layout





entities

project

Nalcor SPV

indemnity for

Sufficient

liquidity

Sufficient



or Contingency Performance Bonds, Letters of Credit

replacement

contractor

Possibility of

liability

warranties, interfaces, overall Parent guarantees, LD's,

record take on work ytilidete completion Capacity to Financial Execution &

> at pre qualification... Contractor assessment

mitigate residual risks... Complement contracting strategy to

acpedule

project

maintain

response to

certain

Timely and

Performance Security Strategy

Insurance Strategy

Insurance Strategy Highlights

- Owner Insurance Program
- One program serving three Nalcor project components
 - Cost and administrative efficiency
 - Each project entity full named insured under the policy
- Phased coverage as projects progress, starting in 2012





Builders Risk

Base Wrap-Up Liability Base Pollution Liability



Phase II - Full Policy Placement (2013-2017)

Builders Risk

Delayed Start-Up ("DSU") (optional LIL/LTA)

Additional Wrap-Up Liability

Additional Pollution Liability Marine Builders Risk (SOBI)

Marine DSU (optional SOBI)



Insurance Approach

The insurance strategy for the Projects will be implemented in co-operation with Nalcor's insurance advisor, AON, as outlined below:

Placement Phase	Policy Type	MF	LTA	LIL	
	Builders Risk	Yes	As required	As required (HDD only)	
Early Works	Base Wrap-Up Liability	Early works only	Base Limits 2012-17	Base Limits 2012-17	
	Base Pollution Liability	Early works only	Base Limits 2012-17	Base Limits 2012-17	
	Full Builders Risk	Yes - All	Yes - with sublimit on towers/lines	Yes - with sublimit on towers/lines (excludes SOBI marine)	
	Additional Wrap-Up Liability	Yes - All	Yes	Yes	
Full Policy	Additional Pollution Liability	Yes - All	Yes	Yes	
T dill T dilley	Marine Builders Risk	N/A	N/A	SOBI only	
	Delayed Start-Up	To be determined based on cost	Optional	Optional	
	Marine Delayed Start-Up	N/A	N/A	Optional	



Ensuring Resource Availability

Strategic Objectives

Predictable labour costs

Avoid Labour Disruptions

Acquire Skilled Labour

Enhance Labour Productivity **Key Enablers**

Project Labour Agreement

Special Project Order

Labour Acquisition Plan

Specific Tactics

Productivity

- · Productivity Action Plan established
- · Best in class labour agreement language
- · Right union for right job
- · Ensuring large contractor pool and supervision
- · No strike, no lock out

Acquisition Plan

- · Labour requirements & constraints understood
- Multiple unions with name hire provisions
- · Key skilled training ongoing
- Atlantic Canada focused
- · Leverage large hydro trade in Quebec
- · Attractive rates, camp, turn around, etc.
- Temporary foreign workers option

Cost

- Estimates based upon current NL mega-projects labour agreements plus escalation
- · Labour cost variables benchmarked
- · Costs fixed for the duration



Proven Technology

Proven technology, no serial #1's and no scale-ups ensure operational integrity

MF

- Low-head, no penstocks concrete powerhouse founded on Canadian Shield
- Proven, model tested
 Kaplan turbines well within flow and head range
- Design philosophies based on over 40 years of hydroelectric and transmission engineering, construction and operations
- Conservative efficiency targets supported by equipment redundancy
- Core Nalcor technology

LTA

- Conventional AC technology
- Extension of existing Labrador transmission system
- Core Nalcor capability existing lines up to 735 kv

LIL

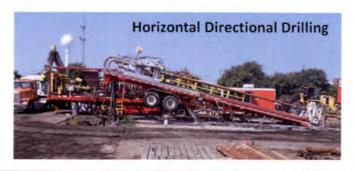
- LCC HVDC technology used in Canada for 40+ years
- Mass impregnated submarine cables
- SOBI cable protection methods proven offshore east coast
- Typical HVdc overland transmission
- Standard HDD technology well with the boundary of design for size and distance



SOBI Crossing - A "Deeper" Look

Selected solution for the SOBI cable crossing builds upon team's extensive experience in the design and installation of subsea infrastructure in harsh environments combined with learnings from global cable projects.

- Each of the 3 submarine cables will have a dedicated HDD conduit to protect the cable from shore and pack ice at the landfall points
- The conduits will take each cable to a water depth of between 60 m to 80 m, thus avoiding iceberg scour
- The cables will then be laid on the seabed and each protected with a separate rock berm which will protect against fishing gear and dropped objects

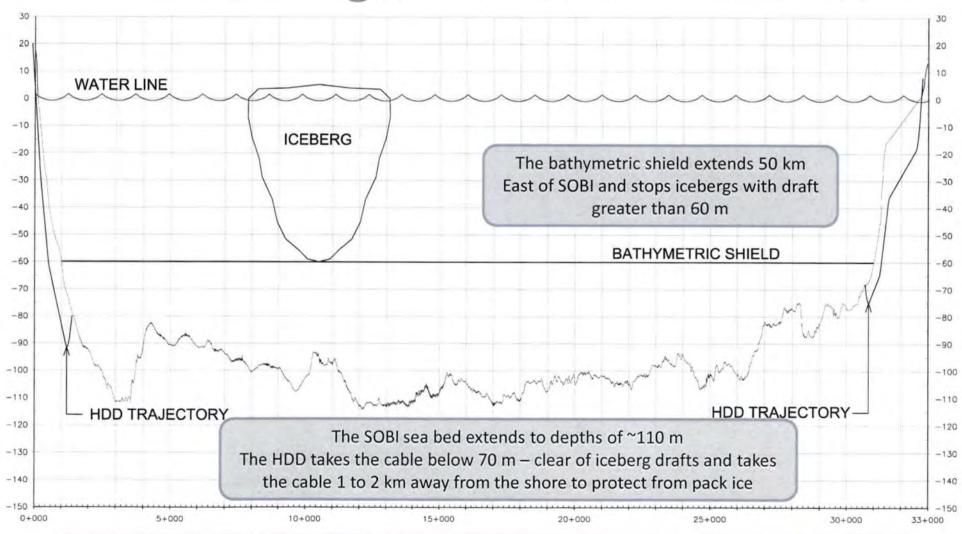








SOBI - Iceberg and Pack Ice Protection





Strategic De-risking

Risk management is achieved via disciplined management process

Assess & Prioritize Address Identify & Monitor & Control

Achieved

- Selection of robust LCC HVdc technology with overload capacity
- SOBI consists of 3 cables including a redundant or spare cable each in separate seabed routes
- · Secured SNC, a world class EPCM contractor
- Extensive geotechnical baseline
- IBA and land claims with Innu Nation
- Pilot program for Horizontal Directional Drilling ("HDD") to confirm production rates prior to bid
- Turbine model efficiency testing program in order to guarantee turbine efficiency and power output

Going Forward

- Using geotechnical results from bulk excavation to achieve firmer prices on powerhouse contract
- Physical model testing to confirm MF plant layout and hydraulics



- Contracting that optimizes competition and synergies
- Early award of bulk excavation contract to protect schedule
- Confirming long-lead deliveries and prices
- Cost certainty through EPC/EPCI and fixed unit price contracts
- Project labour agreements
- System engineering/integration focus



Maintaining Control During Execution

- We have explained how we have established our performance baseline (cost; schedule; de-risking)
- We have also explained how our organization is structured to follow through with the project management best practices, cost, schedule, risk and management of change
- During project execution, we will be exercising control by analysis of cost and schedule trends, progress reports and taking corrective actions as required to keep us on track

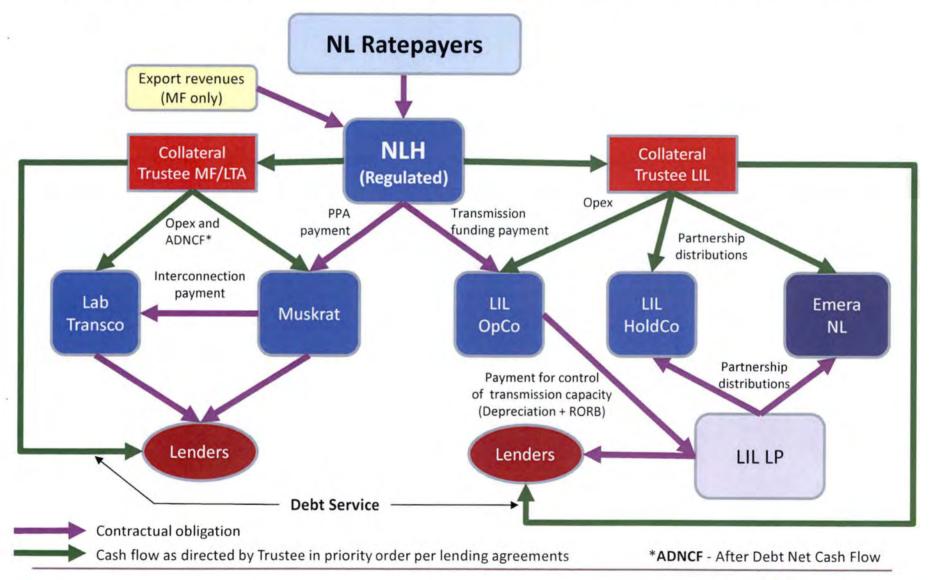




Project Structure & Key Agreements



Structure – Key Operating Cash Flows





Muskrat-NLH PPA - Base Block

Parameter	NLH Base Block Design				
Pricing mechanism	 Escalating supply price in dollars per MWh Applied to defined energy requirement over PPA term Pricing segmented into two portions – capital and operating 				
	 Capital portion recovers all capital and financing costs, escalates at a fixed 2% annually 				
	 Operating and maintenance costs are passed through to NLH as incurred – regulatory lag risk, if any, borne by NLH 				
Risk allocation	 Base Block payment is unaffected by variations in energy delivered that may be caused by changes in hydrology or operations 				
	 If Muskrat does not deliver Base Block as scheduled, Muskrat has an obligation to keep NLH economically whole 				
	Lenders' debt service requirements have absolute priority				



Muskrat-NLH PPA - Base Block (continued)

Factor	NLH	Muskrat
Rights	 Receive Base Block requirements (seasonality reflected) Be kept economically whole in case of non-delivery of Base Block as scheduled 	Receive Base Block payments via NLH PPA
Obligations	Make Base Block payments	 Provide Base Block requirements; or Keep NLH economically whole
Benefits	 Ratepayer value per Island Supply business case 	 Firm minimum payments not subject to changes in hydrology and operations
Resources	 Cost recovery through Government Assurance Access to external markets to buy and sell power as required 	 "Wet" years to offset "dry" years Based on our analysis, over time, there develops a significant margin between debt service and funds available for debt service



Key Agreements

Agreement	Key Provisions
Muskrat - NLH PPA	 NLH purchases all Muskrat output excluding NS Block Base Block: based on 2% escalating supply price and pre-determined volume; take-or-pay, with minimum payment obligation; recovers all MF capital, operating & maintenance and financing costs (including debt service costs and defined equity IRR) plus any applicable taxes and fees Costs recovered through Base Block also include 100% of costs relating to the LTA interconnection agreement (see below) Additional Blocks (Supplemental + Residual): priced at market, whether consumed on the Island or exported via Energy Marketing Variations in hydrology will not impact debt service capability of Base Block revenues Initial term of 50 years
Lab Transco - Muskrat Interconnection Agreement	 Based on 2% escalating supply price (\$/MWh of Base Block); recovers all LTA capital, operating & maintenance and financing costs (including debt service costs and defined equity IRR) plus any applicable taxes and fees Initial term of 50 years



Key Agreements (continued)

Agreement	Key Provisions					
LIL OpCo - NLH	Facilitates NLH obtaining long term firm LIL transmission access					
Transmission Funding Agreement	 Recovers all LIL capital, operating & maintenance and financing costs (including debt service costs and regulated ROE) plus any applicable taxes and fees 					
	 LIL earns same regulated ROE as other NL utilities; however, its ROE is subject to a floor through the Government Assurance 					
	 O&M responsibility resides with LIL Opco, not LIL LP borrowing entity 					
	50 year initial term					
LIL OpCo - LIL LP	Conveys transmission capacity operating control to LIL OpCo					
Transmission System Asset Lease	 Consideration paid by LIL OpCo equals LIL LP's capital costs (depreciation) plus Return on Rate Base (weighted average debt interest cost plus regulated ROE) 					
	50 year initial term					



Key Agreements (continued)

Agreement	Key Provisions
MF/LTA and LIL Collateral Trustee Agreements	 Cash flows directly from NLH to lender-approved trustees and are disbursed according to an agreed upon waterfall

Project entities' revenue requirements ensured through the Government Assurance



Financing Strategy



Financing Strategy

Focus on quality revenue streams

Transparent allocation & distribution

Well Structured, Financeable Project Support for achievement of in-service

- NL ratepayer obligation through the Government Assurance
- Regulatory lag risk, if any, resides with NLH not project borrowing entities

 Commercial structure with clear cash flow entitlement

 Trustee arrangements Financial market requirements Base and contingent equity commitment

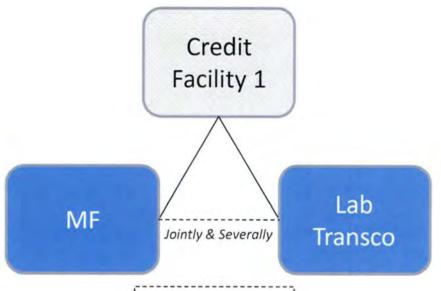
 Disciplined project execution and risk management approach

Investment-grade, limited-recourse project debt capacity

 Traditional approach - construction financing during the build period with project finance takeout



Proposed Debt Financing



- Debt = \$1.76B
- D/E ratio = 60:40
- Min DSCR = 2.01
- Avg DSCR = 2.64

Combined

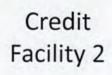
Debt = \$1.94B

D/E ratio = 58:42

Min DSCR = 1.95

Avg DSCR = 2.69

- Debt = \$0.17B
- D/E ratio = 42:58
- Min DSCR = 1.30
- Avg DSCR = 3.20



LIL LP

- Debt = \$2.01B
- D/E ratio = 75:25
- Min DSCR = 1.37
- Avg DSCR = 1.41



Sources and Uses

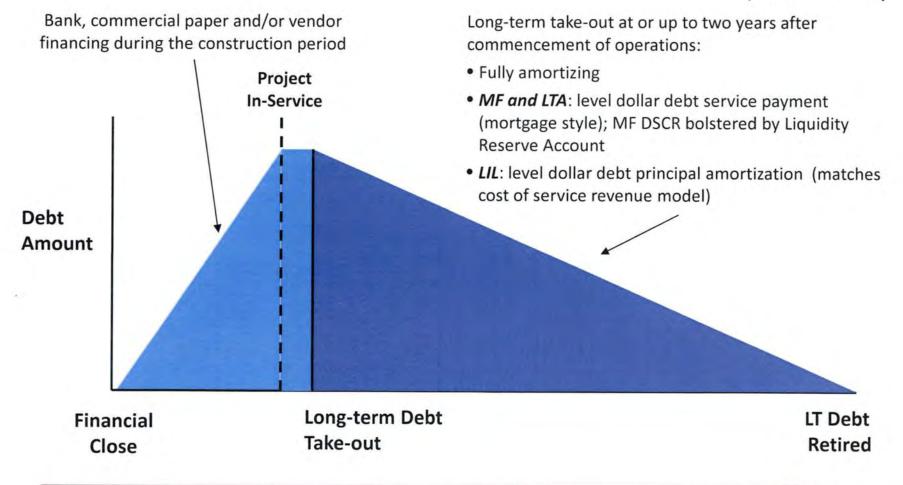
(\$ millions)	MF	LTA	LIL	Total
Sources:				
Equity invested before Financial Close	980	17	303	1,300
Equity Post Financial Close	196	228	195	619
AFUDC* on Equity	N/A	N/A	174	174
Debt	1,764	177	2,014	3,955
Revenue before in-service/debt amortization	433	41		
Total Sources	3,372	464	2,686	6,522
Uses:				
Engineering, procurement and construction expenditures	2,473	396	2,060	4,929
Interest During Construction/AFUDC* & Fees	613	57	536	1,206
Reserves pre-funded	138	7	90	235
Operating costs, Innu payments and other	148	4	0	152
Total Uses	3,372	464	2,686	6,522

^{*}AFUDC – Allowance for Funds Used During Construction



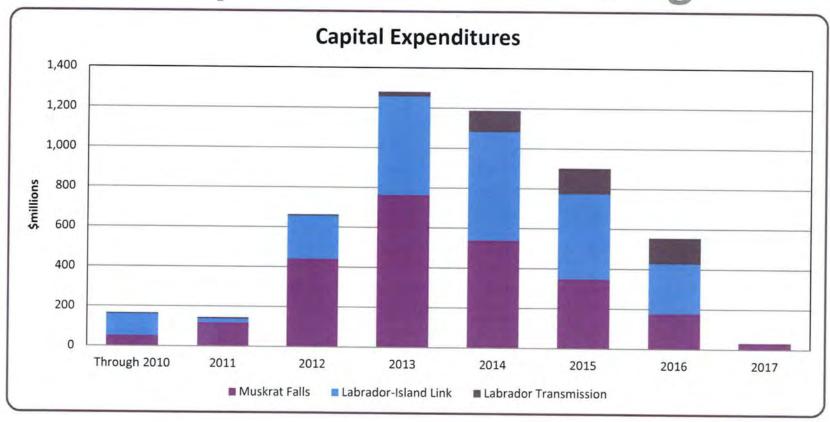
Proposed Approach to Debt Financing

(Not to scale)





Capital Expenditures & Funding



Cumulative Debt & Equity (\$ millions)

Equity	\$171	\$324	\$1,003	\$1,474	\$1,636	\$1,846	\$2,054	\$2,093
Debt	\$0	\$0	\$0	\$1,008	\$2,210	\$3,152	\$3,868	\$3,955



Key Risks & Mitigation

Risk	Description	Mitigation
Construction Delays (All Projects)	Potential delays to critical path activities resulting in a delay to First or Full Power, caused by: • Physical damage event(s) • Force majeure event(s) • Contractor or equipment failure in performance or default	 Delayed Start-Up insurance in the case of physical damage events (where cost effective) Only Tier 1 contractors and suppliers will be chosen based on detailed pre-qualification process and their performance will be monitored in the event replacement required 1 year float in SOBI crossing schedule SOBI Shoreline Protection pilot HDD program and seabed survey program underway LTA delay remote possibility - conventional AC transmission along existing line corridors Early issuance of SOBI subsea cable and turbine & generator RFP's
Construction Cost Overruns (All Projects)	Cost overruns resulting from delay risks (noted above) or the unfavorable impact of labour disruptions or productivity issues	 Strategic de-risking and contracting strategy facilitates realistic cost estimates and contractor performance High quality camp, competitive rates and attractive rotation cycles closer to NL – there are approximately 16,000 NL workers commuting to Western Canada on rotation Special Project Order and Labour Agreement will avoid strikes, lockouts and disruptions and will be designed to address productivity



Key Risks & Mitigation (continued)

Risk	Description	Mitigation
Geotechnical Risk (MF and LIL)	Subsurface conditions materially worse than assumed, negatively impact project construction or operation	 Less potential cost impact due to 45 m high x 700 m wide dam at MF Extensive geotechnical studies already performed at MF site over the past 20+ years - design and engineering modifications already made to address potential risks Extensive geotechnical studies already performed for SOBI sea bed and HDD - design and engineering modifications already made to address potential risks
Environmental & Aboriginal (All Projects)	Environmental or aboriginal issues negatively impact the Projects	 MF/LTA EA on track for release in Q4-2011 Innu IBA already ratified with signing ceremony in Q4-2011 LIL EA release targeted for Q2-2012 to coincide with Sanction Nalcor working closely with NL Government and aboriginal groups to identify labour requirements and align with training and education courses to meet demands
Hydrology (MF)	Decreased water flow results in lower generation	 Water management agreement 50 years of hydrology studies Curtailment of non-firm blocks Variations in hydrology will not impact debt service capability of Base Block revenues



Key Risks & Mitigation (continued)

Risk	Description	Mitigation				
Interest Rate Risk (All Projects)	Fluctuations in interest rates negatively impacting debt service	Full recovery through arrangements with NLH				
Operating Risks (All Projects) Natural hazards or equipment failures could result in business interruptions, liability for damage or regulatory action for non-compliance with laws		nterruptions, gulatory • MF has 4 generating units • Installed spare cable across SOBI which can be quickly put in service				
Inflation Risk (All Projects)	Increases or decreases in inflation may adversely impact operating costs	Full recovery through arrangements with NLH				
Regulatory Risk (All Projects)	Changes in government regulations materially affect the operation of MF/LTA	Nalcor owned by Province of NL – strong support for the Projects				

Government Assurance and Contingent Equity effectively "backstop" the mitigants described previously



The Path to Financial Close

	Q4 2011	Q1 2012	Q2 2012	Q3 2012	Q4 2012	Q1 2013	Q2 2013
Data room ready	•						
Indicative credit rating	\longrightarrow						
IBA execution							
MF & LTA EA projected release							
Independent Engineer engaged		\Rightarrow					
Nalcor new entities formed							
NL Agreements		\Rightarrow					
FLG term sheet		\Longrightarrow					
NL government undertakings implemented	- 27		•				
LIL EA projected release			•				
MF, LTA & LIL Sanction							
Market sounding/arranger meetings		-	\rightarrow				
Completion of draft CIM							
Updated indicative ratings with FLG			•				
Engage Lead Arranger				\Rightarrow			
Fundraising process							\Rightarrow
Final material disclosures						\Longrightarrow	
Final Ratings						\longrightarrow	
Financial Close							+



Financial Metrics & Debt Service



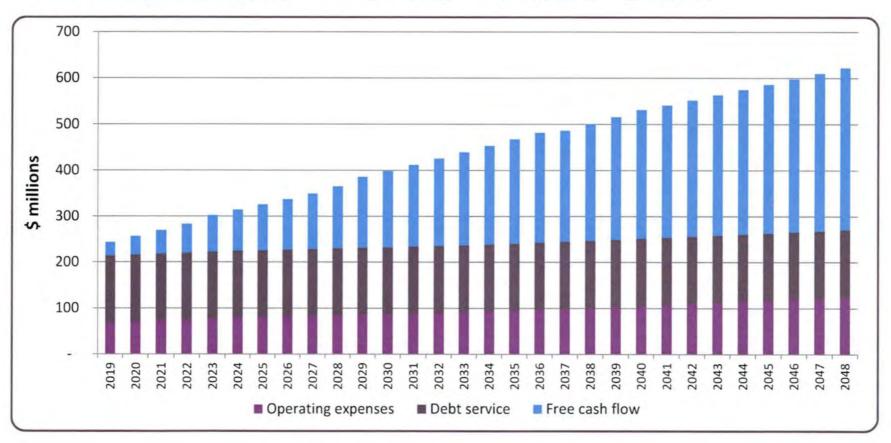
Financial Model Assumptions

Assumption	Base Case			Stress Case		
	MF	LTA	LIL	MF	LTA	LIL
Capital cost	DG2 \$2.5 billion	DG2 \$0.4 billion	DG2 \$2.1 billion	DG2 +15% \$2.8 billion	DG2 +15% \$0.5 billion	DG2 +15% \$2.4 billion
Operating cost	DG2 estimates			DG2 estimates +30%		
Interest rate	7.3%			7.8%		
Financing Fees (Construction phase)	1.70% arrangement 0.75% stand-by			1.70% arrangement 0.75% stand-by		
Financing Fees (Bond take-out)	2.50% arrangement			2.50% arrangement		
Hydrology (MF)	4.9 TWh per annum (average power)			First 10 years - 4.5 TWh per annum (firm power)		
Export sales (MF)	50% discount on PIRA ⁽¹⁾			No export revenue		
Regulated ROE (LIL)	9.5% (long-run rate)			8.4% (floor/current)		

⁽¹⁾ PIRA Long Term Forecast (Oct 2010) for 2010-2025; 2% thereafter

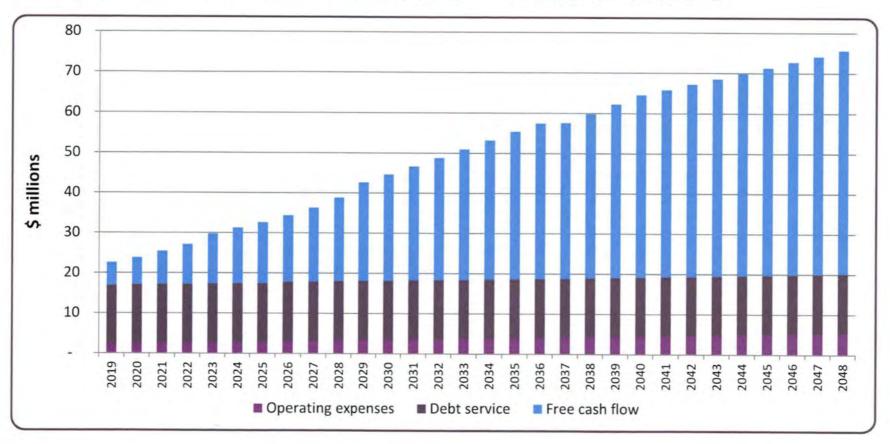


MF Revenue Profile - Base Case



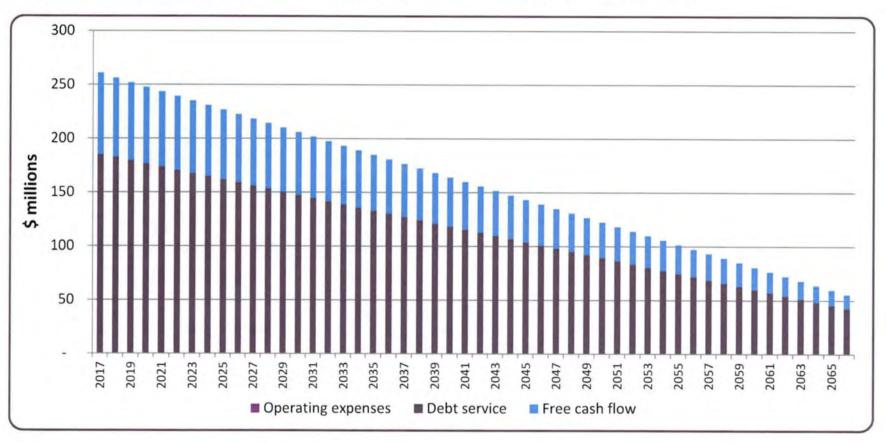


LTA Revenue Profile - Base Case





LIL Revenue Profile - Base Case





Debt Service

Nalcor's proposed financial structure provides for robust debt service in both base and stress case conditions

\$ millions (except ratios)

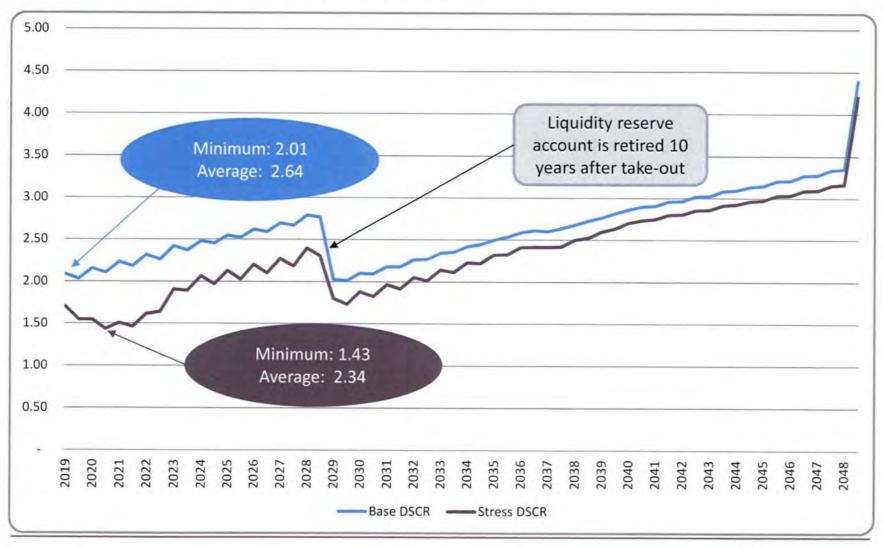
Capex ⁽¹⁾	Debt	Equity	D/E ratio	IRR/ROE(2)	Min DSCR	Avg DSCR
2,473	1,764	1,176	60:40	8.8% _{IRR}	2.01	2.64
2,841	1,983	1,322	60:40	8.1% _{IRR}	1.43	2.34
ion Assets						
396	177	245	42:58	8.4% _{IRR}	1.30	3.20
453	197	287	41:59	8.4% _{IRR}	1.30	3.20
k						
2,060	2,014	671	75:25 _{Reg}	9.5%ROE	1.37	1.41
2,362	2,311	770	75:25Reg	8.4% _{ROE}	1.35	1.36
	2,473 2,841 sion Assets 396 453 k	2,473 1,764 2,841 1,983 sion Assets 396 177 453 197 k 2,060 2,014	2,473 1,764 1,176 2,841 1,983 1,322 iion Assets 396 177 245 453 197 287 k 2,060 2,014 671	2,473 1,764 1,176 60:40 2,841 1,983 1,322 60:40 iion Assets 396 177 245 42:58 453 197 287 41:59 k 2,060 2,014 671 75:25Reg	2,473 1,764 1,176 60:40 8.8% _{IRR} 2,841 1,983 1,322 60:40 8.1% _{IRR} sion Assets 396 177 245 42:58 8.4% _{IRR} 453 197 287 41:59 8.4% _{IRR} k 2,060 2,014 671 75:25 _{Reg} 9.5% _{ROE}	2,473 1,764 1,176 60:40 8.8% _{IRR} 2.01 2,841 1,983 1,322 60:40 8.1% _{IRR} 1.43 sion Assets 396 177 245 42:58 8.4% _{IRR} 1.30 453 197 287 41:59 8.4% _{IRR} 1.30 k 2,060 2,014 671 75:25 _{Reg} 9.5% _{ROE} 1.37

Notes:

- 1. Escalated in nominal dollars, not including financing costs
- 2. MF and LTA equity return based on IRR over service life while LIL based on regulated ROE subject to a "floor" value

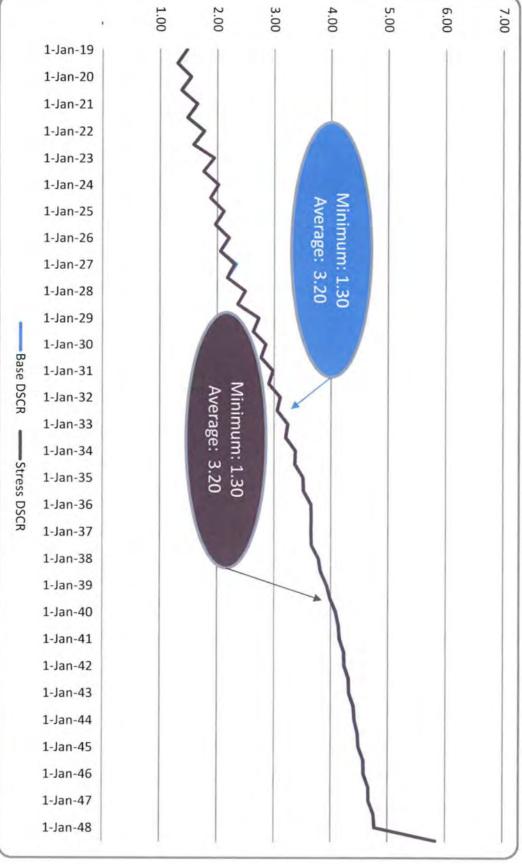


MF Debt Service Profile



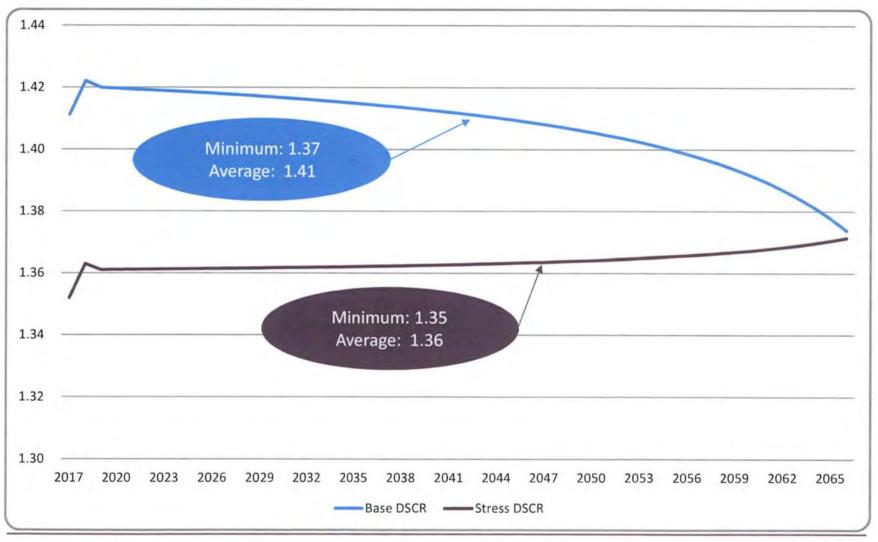








LIL Debt Service Profile





Summary and Next Steps



Summary

- √ Robust business case
- ✓ Attractive project attributes
- √ High quality regulated revenues
- √ Assembled experienced team with mega-project expertise
- √ Proven operating experience
- ✓ Robust financial profile
- ✓ Access to export markets via two transmission routes
- √ Strong support from Shareholder Government of NL
- √ Projects supported by Innu ratified IBA
- ✓ Projects supported and endorsed by Government of Canada



Next Steps

Milestones	Date November 7		
Data Room Access			
Financial Model Review Session (Toronto)	Week of November 7		
Project Execution/Technical Session (St. John's)	Weeks of November 14/21		
Progress Update before Ratings Committee	Week of November 28		
Preliminary Rating Report	December 22		

Contacts

- Executive: Derrick Sturge <u>dsturge@nalcorenergy.com</u> or 709-737-1292
- Rating Inquiries: Jim Meaney <u>jamesmeaney@nalcorenergy.com</u> or 709-737-4860
- Data Room: Auburn Warren <u>auburnwarren@nalcorenergy.com</u> or 709-737-1256

Information Request Protocols

- Send all indicative rating information requests to lcprating@nalcorenergy.com
- Nalcor will respond within 48 hours



Questions?



Appendix A: Indicative Debt Term Sheets



MF/LTA Indicative Debt Term Sheets page 1

Issuer:

· Muskrat Falls Generation Co & Labrador Transmission Co (the "Companies", borrowing jointly and severally)

Offering:

· Construction facility

· Long-term project finance debt takeout

Amount:

• MF Tranche - \$1.76 billion

LTA Tranche - \$0.17 billion

Term:

· Construction facility - construction period plus up to 2 years

· Long-term project finance debt - 30 years

Interest:

• []

Repayment:

· Level dollar debt service payment with full amortization over term

Security

· Shares of the Companies

All of the Companies' presently held or after acquired real and personal property, including interests in material

contracts

Redemption

Market-appropriate – for example, higher of face or NPV using specified discount (GoC plus spread)

Ranking

Senior

Flow of Funds

1. Operating expenses

2. Sustaining Capex

3. Principal + Interest on Debt

4. Establish/replenish debt service reserve account, as required

5. Sustaining Capex due within next 6 months

6. Balance retained or distributed by the Companies



MF/LTA Indicative Debt Term Sheets page 2

Debt Service Reserve

· 6 months forecasted debt service

Account:

Liquidity Reserve

Account:

. \$65 million at long-term project finance debt takeout, to remain for 10 years

Distribution Test:

· DSCR test pre and post 12 months

Key Covenants:

- · Negative pledge
- Minimum DSCR
- Restrictions on distributions
- · Restriction on termination/modification of MF-NLH PPA and LTCo-MF Interconnection Agreement
- Maintain appropriate insurance coverage

Events of Default:

- · Termination of MF-NLH PPA and Lab Transco-MF Interconnection Agreement
- Breach of minimum DSCR
- · Breach of material contracts
- Bankruptcy of Labrador Transco, Muskrat or NLH
- · Failure of Nalcor to meet equity call



LIL Indicative Debt Term Sheets page 1

Issuer:

• Labrador Island Link Limited Partnership (the "Company")

Offering:

· Construction facility

· Long-term project finance debt

Amount:

\$2.01 billion

Term:

· Construction facility - construction period plus up to 2 years

· Long-term project finance debt - 50 years

Interest:

• []

Repayment:

· Level dollar debt principal amortization over term

Guarantee:

· LIL Opco to jointly and severally guarantee all of the Company's debt

Security

· All partnership units and LIL Opco's shares

All of the Company's and LIL Opco's presently held or after acquired real and personal property, including interests

in material contracts

Redemption

· Market-appropriate - for example, higher of face or NPV using specified discount (GoC plus spread)

Ranking

Senior

Flow of Funds

1. Operating expenses

2. Sustaining Capex

3. Principal + Interest on Debt

4. Establish/replenish debt service reserve account, as required

5. Sustaining Capex due within next 6 months

6. Balance retained or distributed by the Companies



LIL Indicative Debt Term Sheets page 2

Debt Service Reserve

· 6 months forecasted debt service

Account:

· DSCR test pre and post 12 months

Key Covenants:

Distribution Test:

· Negative pledge

Minimum DSCR

Restrictions on distributions

Restriction on termination/modification of LIL Opco-NLH Transmission Funding Agreement and LIL Opco-

LIL LP Transmission System Asset Lease

· Maintain appropriate insurance coverage

Events of Default:

 Termination of LIL Opco-NLH Transmission Funding Agreement and LIL Opco-LIL LP Transmission System Asset LeaseBreach of minimum DSCR

· Breach of material contracts

Bankruptcy of LIL Opco, LIL LP or NLH

· Failure of Nalcor to meet equity call

