

LABRADOR – ISLAND TRANSMISSION LINK ENVIRONMENTAL ASSESSMENT

**Socioeconomic Environment:
Communities, Land & Resource Use, Tourism & Recreation
Component Study**

May 2011



LABRADOR – ISLAND TRANSMISSION LINK ENVIRONMENTAL ASSESSMENT
Environmental Component Studies: Introduction and Overview

Nalcor Energy is proposing to develop the *Labrador – Island Transmission Link* (the Project), a High Voltage Direct Current (HVdc) electrical transmission system extending from Central Labrador to the Avalon Peninsula on the Island of Newfoundland.

The Project was registered under the Newfoundland and Labrador *Environmental Protection Act* (NLEPA) and the *Canadian Environmental Assessment Act* (CEAA) in January 2009 (with subsequent amendments and updates), in order to initiate the provincial and federal environmental assessment (EA) processes. Following public and governmental review of that submission, an Environmental Impact Statement (EIS) was required for the Project. The EIS is being developed by Nalcor Energy, in accordance with the requirements of both NLEPA and CEAA and the *EIS Guidelines and Scoping Document* issued by the provincial and federal governments.

In support of the Project's EIS, Nalcor Energy has undertaken a series of environmental studies to collect and/or compile information on the existing biophysical and socioeconomic environments and to identify and assess potential Project-environment interactions. This environmental study program has included field surveys, associated mapping and analysis, environmental modeling, and the compilation and analysis of existing and available information and datasets on key environmental components. This report comprises one of these supporting environmental studies.

A general guide to these Environmental Component Studies, some of which are comprised of multiple associated reports, is provided on the opposite page.

The information reported herein will be incorporated into the Project's EIS, along with any additional available information, to describe the existing (baseline) environmental conditions and/or for use in the assessment and evaluation of the Project's potential environmental effects and in the identification and development of mitigation.

This study focuses on the relevant aspects of the proposed Project – including the proposed and alternative HVdc transmission corridors, marine cable crossings, and/or other Project components and activities – as known and defined at the time that the EA process was initiated and/or when the study commenced. Project planning and design are ongoing, and as is the case for any proposed development, the Project description has and will continue to evolve as engineering and EA work continue. The EIS itself will describe and assess the specific Project components and activities for which EA approval is being sought, and will also identify and evaluate other, alternative means of carrying out the Project that are technically and economically feasible as is required by EA legislation.

The EIS and these Component Studies will be subject to review by governments, Aboriginal and stakeholder groups and the public as part of the EA process.

LABRADOR-ISLAND TRANSMISSION LINK: ENVIRONMENTAL COMPONENT STUDIES (CSs)			
1) Vegetation CS		Report 1a Ecological Land Classification	Report 1b Wetlands Inventory & Classification
		Report 1c Regionally Uncommon Plants Model	Report 1d Timber Resources
		Report 1e Vegetation Supplementary Report	
2) Avifauna CS			
3) Caribou & Other Large Mammals CS		Report 3a Caribou & Their Predators	Report 3b Moose & Black Bear
4) Furbearers & Small Mammals CS			
5) Marine Environment: Fish & Fish Habitat, Water Resources CS		Report 5a Marine Fish: Information Review	Report 5b Marine Flora, Fauna & Habitat Survey
		Report 5c Marine Habitats (Geophysical) Survey	Report 5d Water, Sediment & Benthic Surveys
		Report 5e Marine Surveys: Electrode Sites	Report 5f Marine Surveys: Supplementary
6) Freshwater Environment: Fish & Fish Habitat, Water Resources CS			
7) Marine Environment: Marine Mammals, Sea Turtles & Seabirds CS		Report 7a Marine Mammals, Sea Turtles & Seabirds: Information Review	Report 7b Marine Mammal & Seabird Surveys
		Report 7c Ambient Noise & Marine Mammal Surveys	
8) Species of Special Conservation Concern CS			
9) Marine Environment & Effects Modelling CS		Report 9a Strait of Belle Isle: Oceanographic Environment & Sediment Modelling	Report 9b Strait of Belle Isle: Marine Sound Modelling - Cable Construction
		Report 9c Electrodes: Environmental Modelling	
10) Historic & Heritage Resources CS			
11) Socioeconomic Environment: Communities, Land & Resource Use, Tourism & Recreation CS		Report 11a Communities, Land & Resource Use, Tourism & Recreation	Report 11b Current Levels of Accessibility Along the Transmission Corridor
12) Socioeconomic Environment: Aboriginal Communities & Land Use CS			
13) Socioeconomic Environment: Marine Fisheries in the Strait of Belle Isle CS			
14) Viewscapes CS			
Environmental Component Study Required Under the EIS Guidelines: Comprising Reports (Shaded cells above)			
Avifauna: 2, 7a, 7b		Furbearers: 4	
Caribou (and Predators): 3a		Timber Resources: 1d	
Water (Quality and Quantity): 5a, 5d, 5e, 5f, 6		Marine and Freshwater Fish and Fish Habitat: 5, 6, 7, 13	
Species at Risk: 8		Historic Resources: 10	
Viewscapes: 14		Socioeconomics: 11, 12, 13	
Environmental study reports submitted as additional background information: 1a, 1b, 1c, 1e, 3b, 9			

Labrador – Island Transmission Link

Socioeconomic Environment: Communities, Land and Resource Use, Tourism and Recreation Component Study

Preface

This *Socioeconomic Environment: Communities, Land and Resource Use, Tourism and Recreation Component Study* has been prepared and submitted as part of the Environmental Assessment (EA) of the proposed **Labrador-Island Transmission Link** (the Project).

The *Component Study* is comprised of two (2) associated study reports:

a) Socioeconomic Environment: Communities, Land and Resource Use, Tourism and Recreation (November 2010 and April 2011)

A study to identify, compile, review, document and map information on various key aspects of the existing human environment in and near the Project area, specifically: communities, land and resource use, and outdoor tourism and recreation related activities.

The initial report (November 2010) presents information for the originally defined transmission corridors from Gull Island (Labrador) to Soldiers Pond (Newfoundland), with an attached supplement (April 2011) providing similar information for an additional transmission corridor option from Muskrat Falls in Labrador.

Please note that relevant Aboriginal communities and their land use activities are addressed in detail in a separate Component Study prepared for the Project's EA.

b) Analysis of Current Levels of Accessibility Along the Transmission Corridor (March 2011)

A study which analyzes and describes existing levels of human access to and within the transmission corridor, as additional socioeconomic baseline information and for use in the environmental effects assessment being conducted for the EA.

The environmental information presented in this *Component Study* will be incorporated and used in the Project's eventual Environmental Impact Statement (EIS), which will provide a summary description of the existing environment and an environmental effects assessment for the Project.