

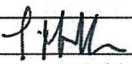
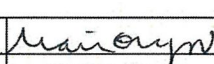
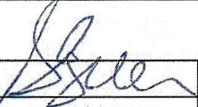

Nalcor Energy – Lower Churchill Project



LOWER CHURCHILL PROJECT - ANTI-IDLING POLICY

Nalcor Doc. No. LCP-PT-MD-0000-EV-PY-0002-01

Comments:	Total # of Pages: (Including Cover): 8
-----------	--

B2	28-Jan-2014	Issued for Use	 Peter Madden	 Marion Organ	 David Green	 Ron Power
B1	03-Jun-2013	Issued for Use	Peter Madden	Marion Organ	David Green	Ron Power
A1	22-Sep-2012	Issued for Review	Peter Madden	Marion Organ	David Green	Ron Power
Status / Revision	Date	Reason for Issue	Prepared by	Functional Manager Approval	Quality Assurance Approval	Project Manager (Generation + Island-Link) Approval

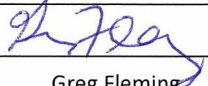
CONFIDENTIALITY NOTE:

This document contains intellectual property of the Nalcor Energy – Lower Churchill Project and shall not be copied, used or distributed in whole or in part without the prior written consent from the Nalcor Energy – Lower Churchill Project.

LOWER CHURCHILL PROJECT - ANTI-IDLING POLICY

Nalcor Doc. No.	Revision	Page
LCP-PT-MD-0000-EV-PY-0002-01	B2	1

Inter-Departmental / Discipline Approval (where required)

Department	Department Manager Approval	Date
Marine Crossings	 Greg Fleming	Jan/28/2014

LOWER CHURCHILL PROJECT - ANTI-IDLING POLICY		
Nalcor Doc. No.	Revision	Page
LCP-PT-MD-0000-EV-PY-0002-01	B2	2

TABLE OF CONTENTS

		PAGE
1	INTRODUCTION	3
2	SCOPE.....	3
3	DEFINITIONS	3
4	ABBREVIATIONS AND ACRONYMS.....	4
5	REFERENCE DOCUMENTS.....	4
6	ATTACHMENTS/APPENDICES	4
	ATTACHMENT 1	5

LOWER CHURCHILL PROJECT - ANTI-IDLING POLICY		
Nalcor Doc. No.	Revision	Page
LCP-PT-MD-0000-EV-PY-0002-01	B2	3

1 INTRODUCTION

As part of the Lower Churchill Hydroelectric Generation Project and the Labrador-Island Transmission Link Project environmental assessments Nalcor Energy (Nalcor) has committed to an anti-idling policy for individuals employed on the Lower Churchill Project (Project). This policy is a mitigation measure designed to reduce Project impacts to the atmospheric environment.

2 SCOPE

This policy applies to all employees and contractors involved with the construction of all Project components, including:

- Muskrat Falls and Gull Island generating facility construction site;
- Muskrat Falls and Gull Island reservoir preparation sites;
- Areas where access roads are constructed;
- Campsites;
- HVac and HVdc transmission lines from Muskrat Falls and Gull Island to Churchill Falls and Soldiers Pond construction sites; and
- HVdc and HVac transmission specialties construction sites.

This Policy applies to all employees of the Project when they are utilizing a vehicle for Project-related activities.

This Policy applies to Project employees during transit to and from work sites.

All employees are to be made aware of the Policy and that compliance is required as a condition of employment. This policy will be incorporated into the work place policies and procedures when developed.

When employees are off rotation or off duty and not staying at the company provided accommodations; municipal, federal and provincial guidance should be followed.

3 DEFINITIONS

Idling – Keeping an engine running when parked.

LOWER CHURCHILL PROJECT - ANTI-IDLING POLICY		
Nalcor Doc. No.	Revision	Page
LCP-PT-MD-0000-EV-PY-0002-01	B2	4

4 ABBREVIATIONS AND ACRONYMS

Not used.

5 REFERENCE DOCUMENTS

The following documents can be found on the Project website www.musktratfalls.nalcorenergy.com , and are listed below:

- Lower Churchill Project Hydroelectric Generation Project Environment Impact Statement, Vol. II, Table 3-7
- Information Request Responses, JRP. 7S, JRP. 17, JRP. 85S, JRP. 88/88S

6 ATTACHMENTS/APPENDICES

Attachment 1: Anti-Idling Policy

LOWER CHURCHILL PROJECT - ANTI-IDLING POLICY		
Nalcor Doc. No.	Revision	Page
LCP-PT-MD-0000-EV-PY-0002-01	B2	5

ATTACHMENT 1

ANTI - IDLING POLICY

Nalcor Energy is committed to minimizing impacts to the atmospheric environment in the Lower Churchill Project (Project) area. In order to achieve these goals the following Anti-Idling Policy will apply to all employees and contractors associated with the Project.

Policy Statement

Project Personnel are to make every effort to eliminate unnecessary idling when using a motor vehicle or motorized equipment for Project-related purposes. This includes transportation to and from the Project sites.

Policy Objectives

- i. To reduce the environmental impact of Project-related activities;
- ii. To save fuel and reduce costs associated with fuel and vehicle repair/replacement; and
- iii. To protect the health and safety of individuals.

Procedures

Idling Restrictions

Motor vehicles and motorized equipment shall not be permitted to:

- i. Stand unattended without first stopping the engine, locking the ignition and removing the key (exception: when on project sites, the keys are required to be left in the vehicle);
- ii. Idle in a parked position for a period of more than 60 seconds; and
- iii. Idle within 30 metres of an intake for a building ventilation system, an open window of a place of employment, or an entrance to a place of employment. Idling within 30m of a dormitory building is strictly prohibited, as it can affect the air quality of the building and its occupants.

Policy Exemptions

Idling of a motor vehicle or motorized equipment is permitted only under the following conditions:

- i. These exemptions do not apply within 30m of a dormitory building.
- ii. The vehicle remains motionless due to on-highway traffic, a traffic device or signal, an emergency, or at the direction of a law enforcement official.

- iii. A vehicle idles when operating defrosters, heaters, or air conditioners, to prevent a health or safety emergency or to provide clear vision for the operator during extreme weather conditions (i.e., snowstorms and extreme cold weather).
- iv. A public safety or law enforcement vehicle or any other vehicle being used in an emergency capacity may idle while in an emergency or enforcement situation where required for functional purposes of the vehicle (e.g., emergency lighting).
- v. The engine idles for the purpose of maintenance, servicing, repairing, or diagnostic purposes, if idling is required for such activity.
- vi. Idling of the engine is necessary to power work-related mechanical or electrical equipment other than for vehicle propulsion. This exemption does not apply when idling to operate non-essential on-board equipment.
- vii. A diesel engine is required to idle to complete an active regeneration cycle on its diesel particulate filter (DPF).
- viii. Vehicles utilized to ferry passengers (ie: vans & buses) may idle in order to maintain a reasonable compartment temperature of 18 degrees Celsius.
- ix. Light vehicles shall not idle between the temperature range of minus 25 and plus 25 degrees Celsius.

Commitments

- i. To ensure all LCP personnel are aware of this policy through site and employment orientation, and posters at work sites.
- ii. To strictly enforce this policy through letters of reprimand.

This policy supports and compliments Nalcor Energy's Environmental Policy and Guiding Principles.