

Appendix E Copies of Display Boards and Other Materials from Third Public Meeting





Welcomes You to the Public Meeting

Information Handout



Northland Power

Northland Power develops and operates clean and green power generation facilities, mainly in the provinces of Ontario and Quebec, with Saskatchewan being added to that list shortly. Our facilities produce about 870 MW of electricity. Northland Power has been in business since 1987 and has been publicly traded since 1997.

Sustainability is a core value at Northland Power. All of our development efforts and operational practices focus on providing long term benefits to our customers, investors, employees, communities and partners.

For Northland Power, sustainability has many dimensions:

Environmental: Northland Power was founded on the belief that clean and green energy sources are vital to the future of our planet. Our construction and operational practices are engineered to meet the highest environmental standards, even in jurisdictions where lower standards are legislated.

Community: Northland Power takes an active interest in its host communities to ensure they remain vibrant, healthy places to live.

Operational: Northland Power maintains and reinvests in their operating assets to achieve maximum efficiency and economic life. Health and Safety: Ensuring that our staff has the knowledge, tools and time to work safely is Northland's first priority. Our culture of safety, respect and independence helps to ensure we attract and retain the people that we need to perform.

Financial: Northland Power consistently chooses long term success over short term gain. Northland Power only pursues projects that meet strict return thresholds and have creditworthy customers. As a result, we have paid stable monthly dividends since 1997.

🖉 HATCH"

Northland Power has retained Hatch Ltd. to undertake the Renewable Energy Approval (REA) process, subject to the provisions of the Environmental Protection Act Part V.0.1 and Ontario Regulation 359/09. Hatch is an Ontario–based consulting, engineering and management company with operations worldwide and a reputation for excellence acquired over 80 years of continuous service to its clients. Hatch will undertake the REA process from its Niagara Falls, Ontario office.



Solar Technology

A solar photovoltaic (PV) module (or panel, as they are often called) transforms the suns energy into electrical energy. Silicon, a semi-conductor, is the material that transforms a ray of sunshine into electricity. The silicon is located within a grid (commonly made of metal) that conducts electricity. When the sunlight hits the silicon, electrons flow from the silicon into the grid, thereby producing electricity. The silicon and metallic grid are located beneath a layer of glass to provide weather protection. The glass has a special coating applied to maximize the capture of sunlight by the panel, thereby reducing glare.

Advantages of Solar Energy

Solar power has a multitude of advantages compared to most other power generation technologies.

- First and foremost, the fuel is free. As the cost of many fossil fuels is expected to increase in the future, having solar energy on the grid at a set price will give greater stability to future energy prices.
- Another key benefit is the absence of any green house gas emissions and other pollutants. This ensures that the local community will not have to live with poor air quality or noxious odours.
- Solar PV systems are comprised of safe, common materials that will not affect the lands on which they are located, allowing for easy remediation upon decommissioning.
- Most solar PV systems have no moving parts, unlike almost all other power generation technologies. Having no moving parts reduces the environmental impact, maintenance costs, and noise levels of this type of power generation.
- There is a natural supply/demand match that is inherent to solar power, as the sun rises and sets in parallel with society's general daily electricity demand pattern. This helps mitigate the need for the development of other technologies that traditionally meet peak electricity demand.

POWER



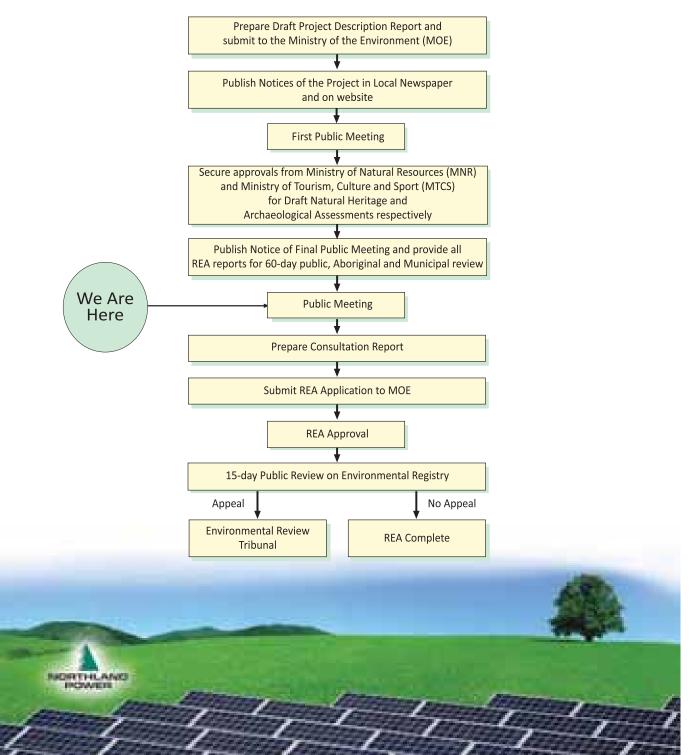
Ontario's Feed-in-Tariff (FIT) program was launched by the Ontario Power Authority on October 1, 2009 to encourage the development of renewable energy resources and to stimulate growth in green technology and renewable power industries.

The Ontario Power Authority awarded 184 FIT contracts to renewable power developers in Ontario on April 8, 2010. Northland Power was awarded a total of 13 contracts for proposed solar ground-mount developments throughout the province. These projects are currently proceeding through the REA process.

Renewable Energy Approval Process

The proposed Project is subject to the (REA) process, subject to the provisions of Part V.0.1 of the Environmental Protection Act and Ontario Regulation 359/09. The REA process entails consideration of environmental aspects, including natural heritage features and water bodies, as well as heritage and archaeological resources. In addition, the REA process includes public, government agency and First Nation consultation.

The main components of the REA process are shown in the flow diagram.



Abitibi, Empire, Martin's Meadows Solar Projects

Project Location

Abitibi Solar Project and Martin's Meadows Solar Project are both located south of Concession 8 and 9 Glackmayer. Empire Solar Project is located north of Concession 6 and 7 Glackmeyer. The proposed Projects, if approved, will be constructed on privately owned lands.

Project Description

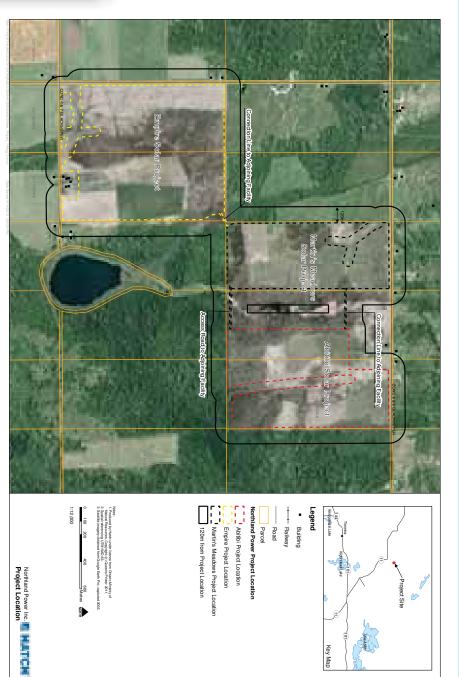
The proposed Abitibi, Empire, Martin's Meadows Solar Projects are considered to be Class 3 solar facilities, as defined under the Environmental Protection Act (Act) Part V.0.1 and Ontario Regulation 359/09. Class 3 solar facilities are defined as having a name plate capacity of 10 kilowatts (kW) or greater and the solar panels are mounted on the ground. Specifically, these proposed Projects have nameplate capacities of 10 MW (ac).

The proposed Projects will use crystalline technology photovoltaic (PV) panels installed on ground-mounted rack structures made of steel and aluminum. The project will consist of approximately 50,000 panels and will be designed to optimize energy production.

Project Schedule – Abitibi, Empire, Martin's Meadows Solar Projects

FIT Application – November 2009 Submission of Project Description to MOE – March 2011 FIT Contract Award – April 2010 First Public Meeting – July 2011 Final Public Meeting – August 2012 REA Application Submission – September 2012 REA Received – February 2013 Start of Construction – Early 2013 Commercial Operation Date – Fall 2013

For more information regarding these Projects please visit the Project website at: northlandpower.ca





Long Lake Solar Project

Project Location

The proposed Project is located on Lot 2 and 3 Concession 8, Calder, northeast of Cochrane. The proposed Project, if approved, will be constructed on privately owned lands.

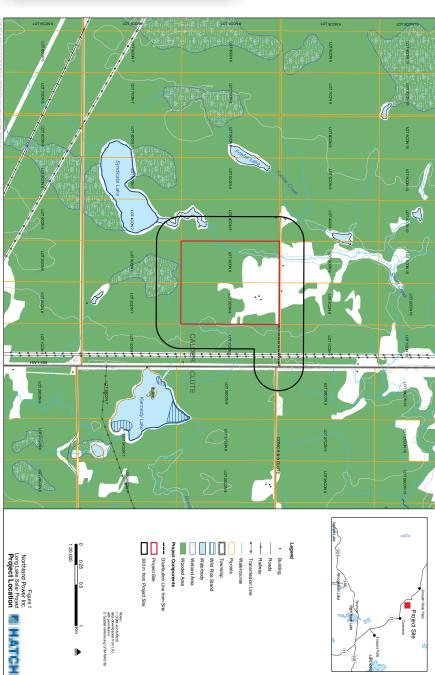
Project Description

The proposed Long Lake Solar Project is considered to be a Class 3 solar facility, as defined under the Environmental Protection Act (Act) Part V0.1 and Ontario Regulation 359/09. Class 3 solar facilities are defined as having a name plate capacity of 10 kilowatts (kW) or greater and the solar panels are mounted on the ground. Specifically, these proposed Projects have nameplate capacities of 10 MW (ac).

Project Schedule – Long Lake Solar Project

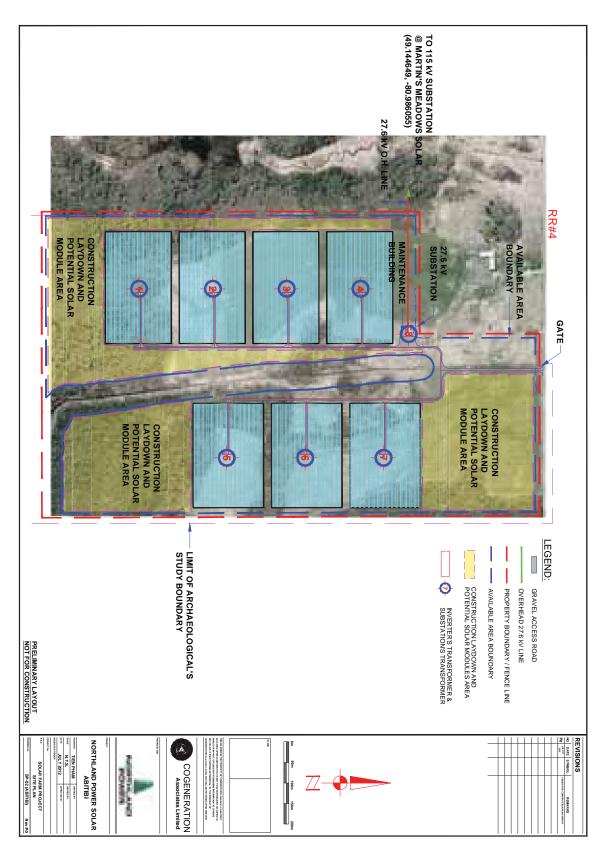
FIT Application – November 2009 Submission of Project Description to MOE – April 2012 FIT Contract Award – April 2010 First Public Meeting – July 2011 Final Public Meeting – August 2012 REA Application Submission – September 2012 REA Received – March 2013 Start of Construction – Spring 2013 Commercial Operation Date – October 2013

For more information regarding this Project please visit the Project website at northlandpower.ca/longlake

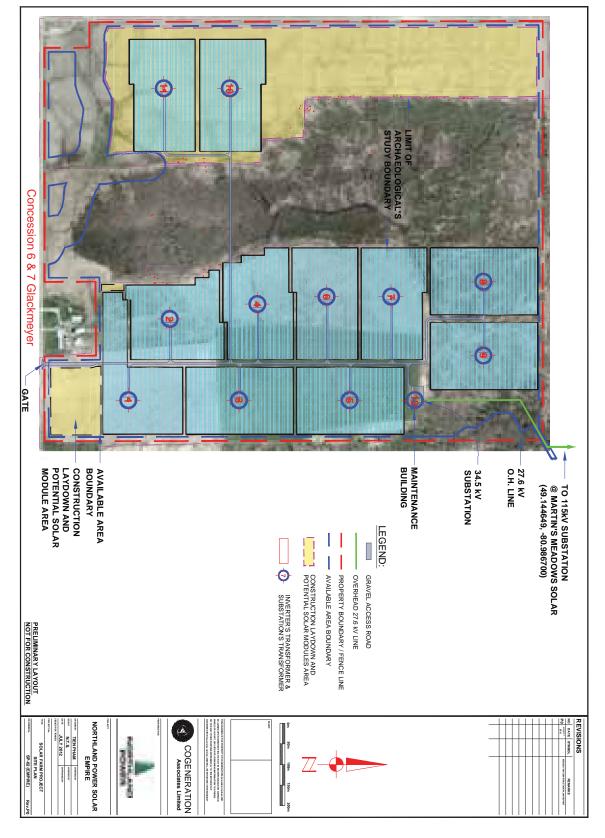


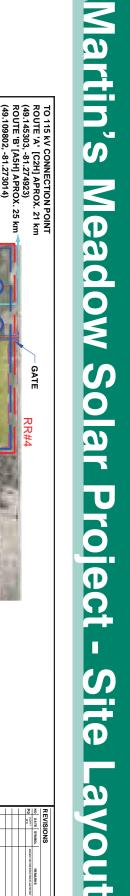


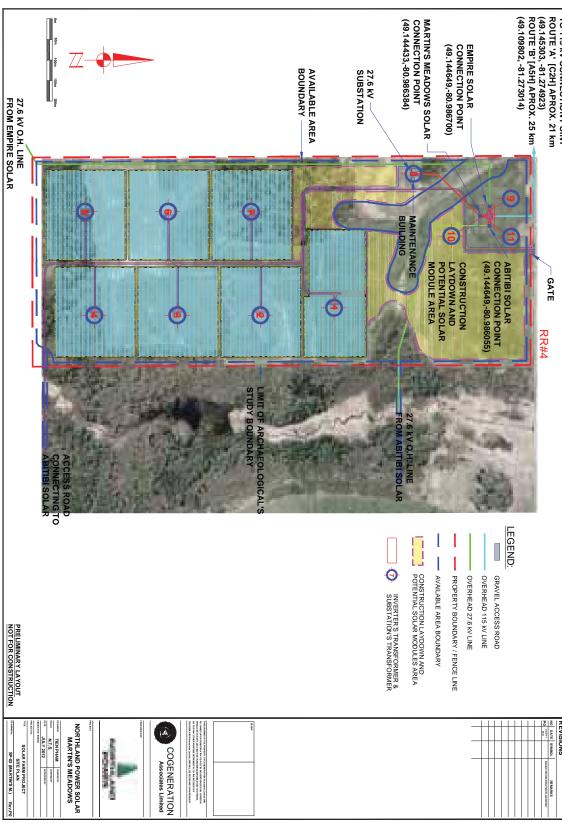




Empire Solar Project - Site Layout







Long Lake Solar Project - Site Layout



Construction

Construction of the proposed Project is anticipated to start following the appropriate approvals, in 2013. The construction take approximately 6-9 months and will consist of:

- Site Preparation
- · Construction and Installation of the Facility
- Testing and Commissioning
- Site Restoration

Each day construction will normally begin at 7:00 am and end at 5:00 pm. If a longer construction day becomes required, the Project will follow local requirements and minimize impacts to the local community.

Site preparation refers to activities such as:

- Surveying/staking, site clearing and grubbing (where required)
- · Construction of access roads and drainage systems
- Installation of fencing, and construction of a laydown area

It is anticipated that these activities will require several months to complete

Construction and installation of the facility includes:

- Pouring of the concrete foundations for electrical equipment
- Installation of electrical equipment such as inverters and transformers, interconnection cable trenching
- Installation of PV panel supports and the racking systems
- Placement of PV panels

Testing and commissioning will be performed prior to start-up and connection to the power grid. Solar modules, inverters, collection system, and substation will be checked for system continuity, reliability, and performance standards.

Site restoration following construction the main objective will be to (i) establish ground cover and drainage within the solar panel footprint and (ii) re-instate temporarily disturbed areas to stable conditions. All construction material, equipment, temporary facilities, and waste will be removed from the site. Revegetation will include planting of native plants and hydro-seeding where required.



Operation

Following construction, the operations phase is expected to commence in Fall of 2013. Operations will consist of routine maintenance inspections and general up keep of the Project (e.g., panel cleaning and mowing). Otherwise, no on-site staff will be required.

Visual inspections of the transformers and erosion and sedimentation control measures are to occur monthly. Panel cleaning may or may not be required, depending on weather conditions, and if required, any water used will be brought to the site. No chemicals will be used for cleaning.

Vegetation, including underneath the panels, will be selected to minimize maintenance activities (e.g., mowing) and to provide ground cover to both protect and enhance the soil and to provide wildlife habitat. Presently, a mix of low growing, weed-resistant turf type fescues is proposed. Herbicides will not be used to control vegetation growth during operations.

Site security will consist of fencing and limited lighting near the entrance of the facility. Fencing will consist of a 2 meter high wire fence, with barb wire along the top of the fence.

For more information, please refer to the Project's Design and Operation Report



Decommissioning

It is anticipated that the Project will have a useful life of at least 20 years, the length of the existing FIT contract, which can be extended with proper maintenance, component replacement and repowering. Decommissioning will occur at the end of the useful life and consist of:

- Equipment dismantling and removal
- Site restoration

Equipment dismantling and removal will include the PV modules, electrical equipment, access roads and foundations as well as any other facility equipment. Equipment and material may be salvaged for resale, scrap value or disposal, depending on market conditions.

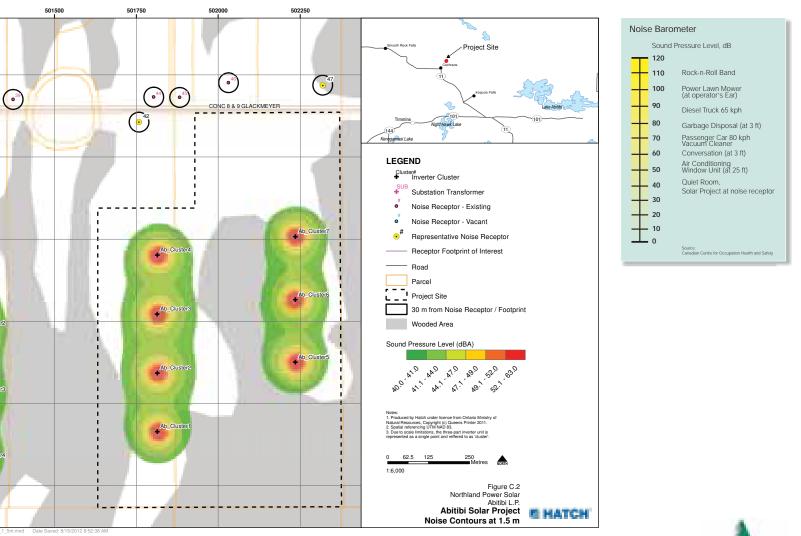
Site restoration will consist of the following, subject to environmental requirements and the wishes of the landowner:

- Any damage to existing tile drainage system, if applicable, will be repaired/restored
- Any excavation and/or trench will be backfilled and graded to existing contours
- Should the subsoil be negatively affected and compromise the future productive use of the land, the following will be implemented: first the topsoil will be removed and stockpiled; then the subsoil may be ripped and tilled prior to grading it; topsoil will then be replaced and revegetated
- Should the soil be negatively affected and compromise the future productive use of the land, nutrients may be added or fertilizers deployed
- Topsoil and compost will be blended where required, spread and replaced to original depth
- Hydroseeding with approved seed mixture and mulching during the appropriate seasonal conditions

For more information, please refer to the Project's Decommissioning Plan Report

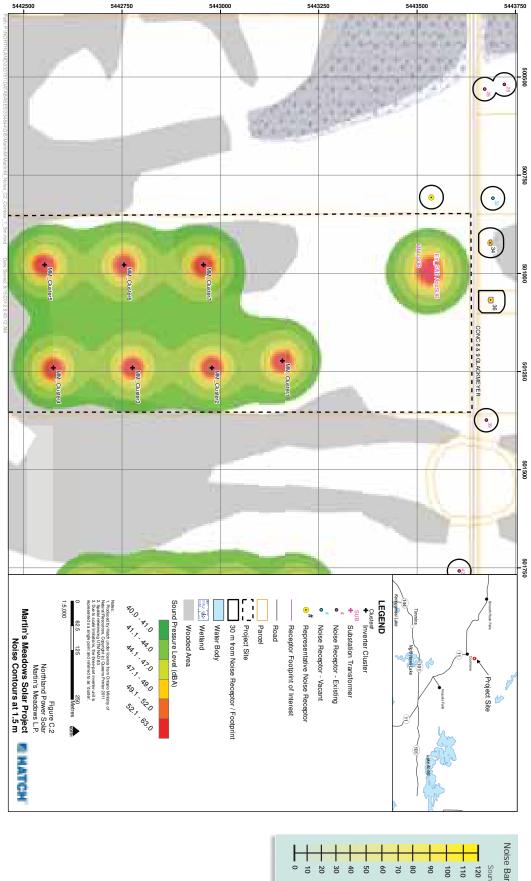


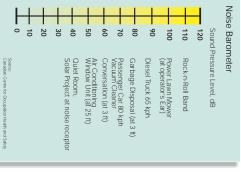
itibi Solar Project





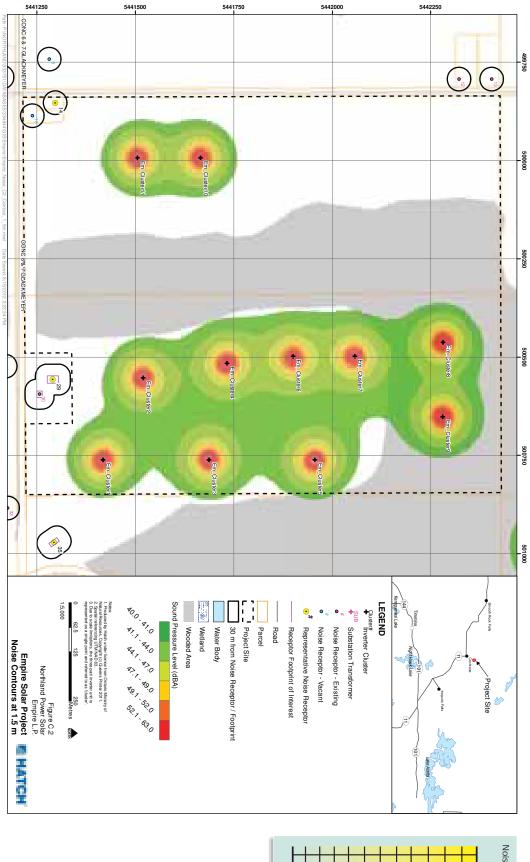
Noise - Martin's Meadows Solar Project







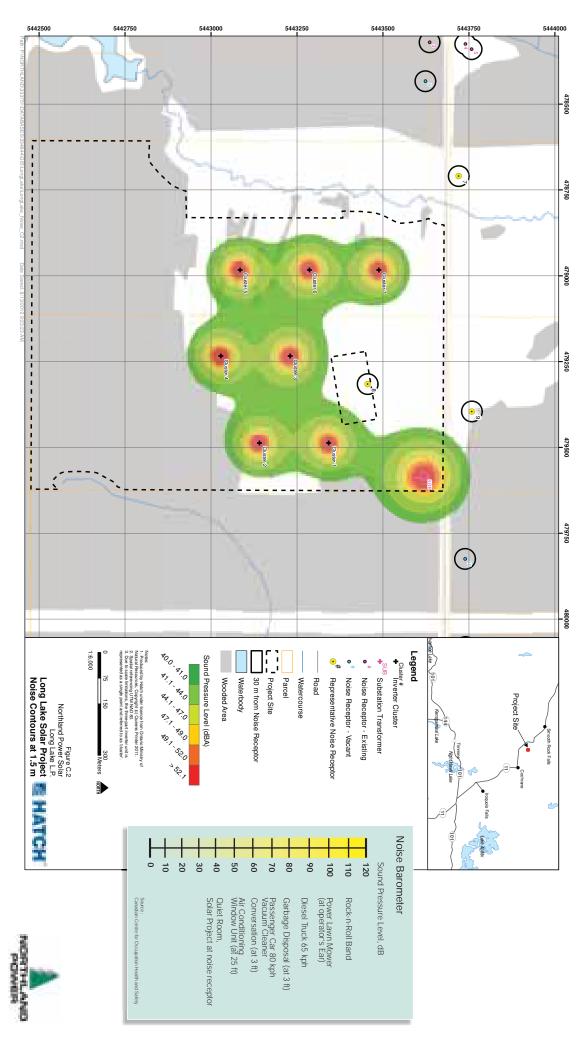
Noise - Empire Solar Project







Noise - Long Lake Solar Project



Abitibi, Empire, Martin's Meadows Solar Projects

Solar Panel Locations Natural Heritage Assessment for

Abitibi Solar Project

- Project location is composed of mainly agricultural fields with occurrences of provincially significant wetlands communities on and within 120 m.
- Significant wildlife habitat for waterfowl nesting habitat and wetlands providing amphibian breeding habitat are located on and within 120 m.
- and its riparian habitat. Significant animal movement corridor is associated with Monroe Creek

Empire Solar Project

- occurrences of significant wetlands and woodlands located on and Project location is composed of mainly agricultural fields with within 120 m.
- metres from the Project location. within 120 m of the Project location, which extends for several hundred Provincially significant wetland complex has been identified on and

Martin's Meadow's Solar Project

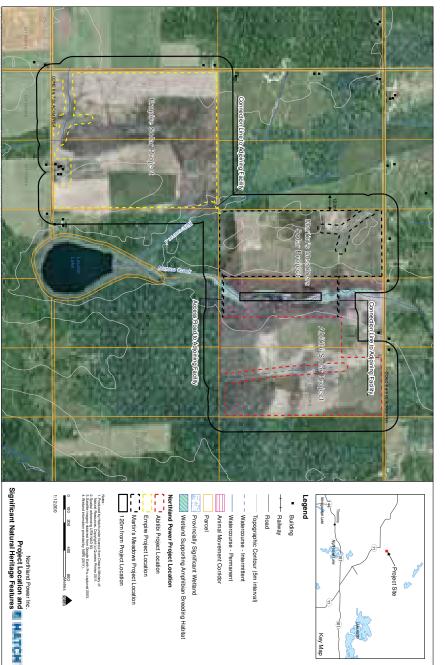
- occurrences of provincially significant wetlands and woodlands located Project location is composed of mainly agricultural fields with on and within 120 m.
- Significant wildlife habitat providing amphibian breeding habitat are located around Monroe Creek.
- Animal movement corridor associated with the creek and riparian habitat.

NORT

Mitigation Measures for Natural Heritage Features

- Avoidance of encroachment, and provision of setbacks, from many
- Demarcation of work areas to prevent encroachment beyond of the significant features
- designated sites.
- Construction outside of bird breeding season, where possible. Visual search following completion of fence for trapped animals
- Visual monitoring of work areas, equipment and access roads prior to start of each work day to search for wildlife species

Project location. There will be no change to the existing environment outside of the



Key Map



Abitibi, Empire, Martin's Meadows Solar Projects

Solar Panel Locations Water Body Assessment for

Abitibi Solar Project

- Watercourse A is both an intermittent (for the initial 100 m) and Munroe Creek is a permanent water body located within 120 m narrow leaved emergent marsh, tall shrub swamp) and woodlands west of the Project that flows through wetland communities (i.e. dominated by trembling aspen, black spruce and balsam fir.
- north-central portion of the Project. permanent stream that originates in an agricultural field on the

Empire Solar Project

- An unnamed water body originates in the open field approximately 30 m west of the Project and flows in an easterly direction.
- A tributary of Monroe Creek originates to the north of the Project the northeast corner of the property, before draining into Lauzon location in an agricultural field and drains through a wooded area in Lake, approximately 350 m east of the Project.

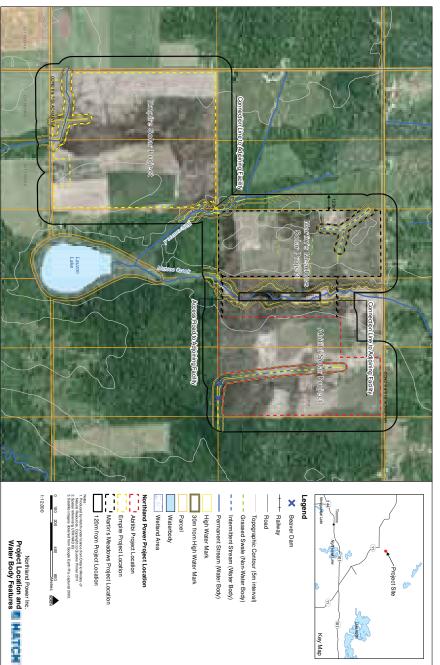
Martin's Meadow's Solar Project

- Munroe Creek is a permanent stream located in a relatively wide, low lying valley, with abundant wetland vegetation, surrounding by wooded areas adjacent to the agricultural fields east of the Project
- An intermittent tributary of Munroe Creek passes within 30 m of the southwest corner of the Project.

Mitigation Measures for Natural Heritage Features

- Sediment and erosion controls (e.g., silt fencing, site stabilization
- Stormwater management plans (e.g., site re-vegetation, enhanced vegetated swales) and construction phasing).
- Spill prevention and response measures (e.g., handling protocols secured storage areas, clean up materials on hand)
- Dust control measures (e.g., watering of access roads, tarping of stock piles)

Project location There will be no change to the existing environment outside of the



Key Map



Long Lake Solar Project

Natural Heritage and Water Body Assessment

Natural Environment:

- The Project location is made up of agricultural fields, and wetlands. with occurrences of non- significant woodlands
- Significant wildlife habitat includes wetlands supporting amphibian breeding habitat and animal movement corridors.
- There are 3 water bodies present on and within 120 m of the Project, including Smith Creek.

Mitigation Measures for Natural Heritage Features

- amphibian breeding habitat 30 m setbacks from all water bodies and from the
- Demarcation of work areas to prevent encroachment beyond designated site.
- Use of best management practices for sediment and erosion control.



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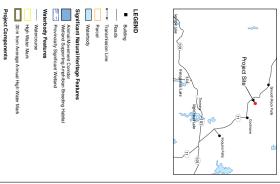




Figure 1.1 Northland Power Inc. Long Lake Solar Project Project Location and E HATTCH Environmental Features

300 Metres

115kV Transmission Line

In order to connect the Abitibi, Empire and Martin's Meadows Solar proposed Projects to the existing Hydro One transmission system circuit (C2H), Northland will construct an approximately 22 km 115 kV single-circuit transmission line. The line will run from the three step up transformers located on the Martin's Meadows Project Location to the connection point located near the intersection of Highway 688 and Clute Concession 8 & 9 that is located orth of Hunta. In addition, there will be an approximately 800 metre section of 115 kV line to connect the Long Lake Solar Project to tie in this project.

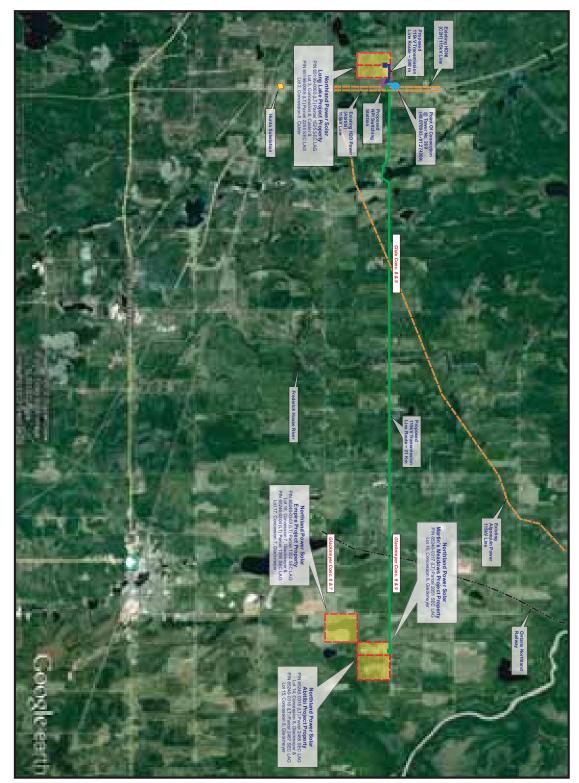
Additional information on the transmission line is provided below:

- There will be a small switch station (approximately 75m 75 m) on either privately owned or Crown (MNR) land
- at the connection point
 The line will be above ground, except where it crosses the existing Hydro One and H20 transmission lines,
- where it will be buried underground • The 115 kV transmission line will be supported through other single or double polon
- either single or double poles.
 The transmission will be largely contained within municipal road rights-of-way, but some private property will be crossed. Northland may approach some private

landowners for small easements for guy wires

 The transmission line will also cross the Ontario Northland Railway (ONR), an existing Algonquin Power transmission line, and several watercourses including the Frederick House River.

Northland is also permitting the transmission line through parallel process with the Ontario Energy Board (such as "Leave to Construct") and Ministry of Natural Resources (such as land use permits, easements, and work permits under the Public Lands Act; a Forest Resource License will be required for removal of trees from Crown Land, if needed).



Environmental Features

Waterbodies

A total of 38 water bodies are crossed by the transmission line, including 14 permanent waterbodies and 24 intermittent waterbodies

Mitigation Measures

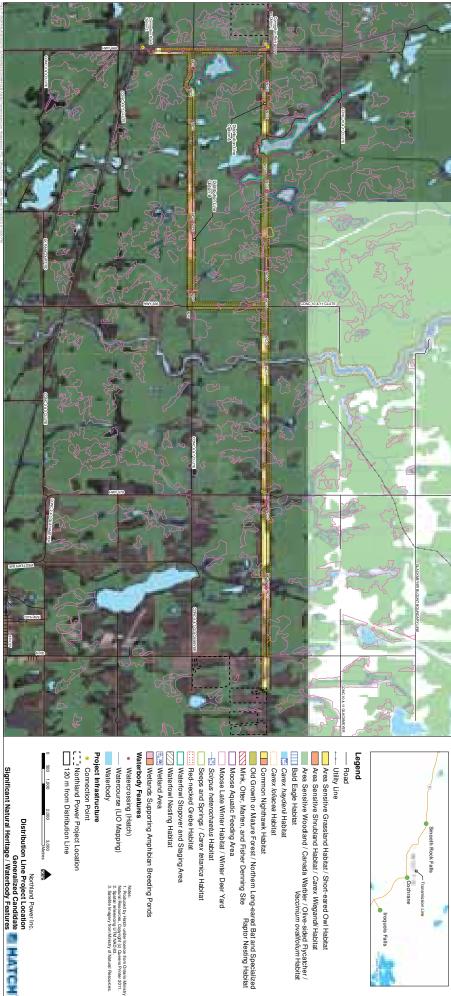
- Mitigation measures outlined in the Ontario Operational Statement for Overhead Line Construction, will be used, mitigation measures include:
- present in the small watercourses along the proposed transmission line route timing machinery fording to avoid sensitive reproductive periods, including those of cold water species such as Brook Trout, which may be
- operating heavy equipment from outside the watercourse and minimizing disturbance to the watercourse banks
- avoid working during wet or rainy conditions
- stabilizing waste materials (e.g., stripped topsoil, grubbed material) above the high water mark

Vatural Heritage

associated with several waterbodies. The proposed transmission line contains a variety of wildlife habitats as well as occurrences of significant wetlands, animal movement corridors are

Mitigation Measures

- the winter months to minimize potential impact to vegetation communities within the right of way. Construction to be timed to occur outside of the breeding wildlife period (May through July), with preference for construction to occur within
- Trees will be felled into previously cleared areas, and cleared and grubbed material will be piled away from remnant vegetation prior to removal.
- When waterbodies are crossed measures outlined in the "Ontario Operational Statement for Overhead Line Construction" (e.g., transmission poles disturbance to the watercourse banks) is to be used. or other structures to not be placed below the normal high water mark, heavy equipment to be operated from outside the watercourse to minimize





- Mink, Otter, Marten, and Fisher Denning Site Common Nighthawk Habitat Area Sensitive Woodland / Canada Warbler / Olive-sided Flycatcher /
 Vaccinium ovalifolium Habitat Area Sensitive Shrubland Habitat / Carex Wiegandii Habitat Area Sensitive Grassland Habitat / Short-eared Owl Habitat Old Growth or Mature Forest / Northern Long-eared Bat and Specialized Carex Ioliacea Habitat
- Moose Aquatic Feeding Area Moose Late Winter Habitat / Winter Deer Yard
 - Scirpus heterochaetus Habitat
- Seeps and Springs / Carex tetanica Habitat
- Red-necked Grebe Habitat

voltes: 1. Poduosd by Halth under licence from Cinters minutes Natural Resources, Copyright (c) Queens Printer 2011. 2. Spatial interencing UTM IN4D 83. 3. Satellite Imagery from Ministry of Natural Resources.

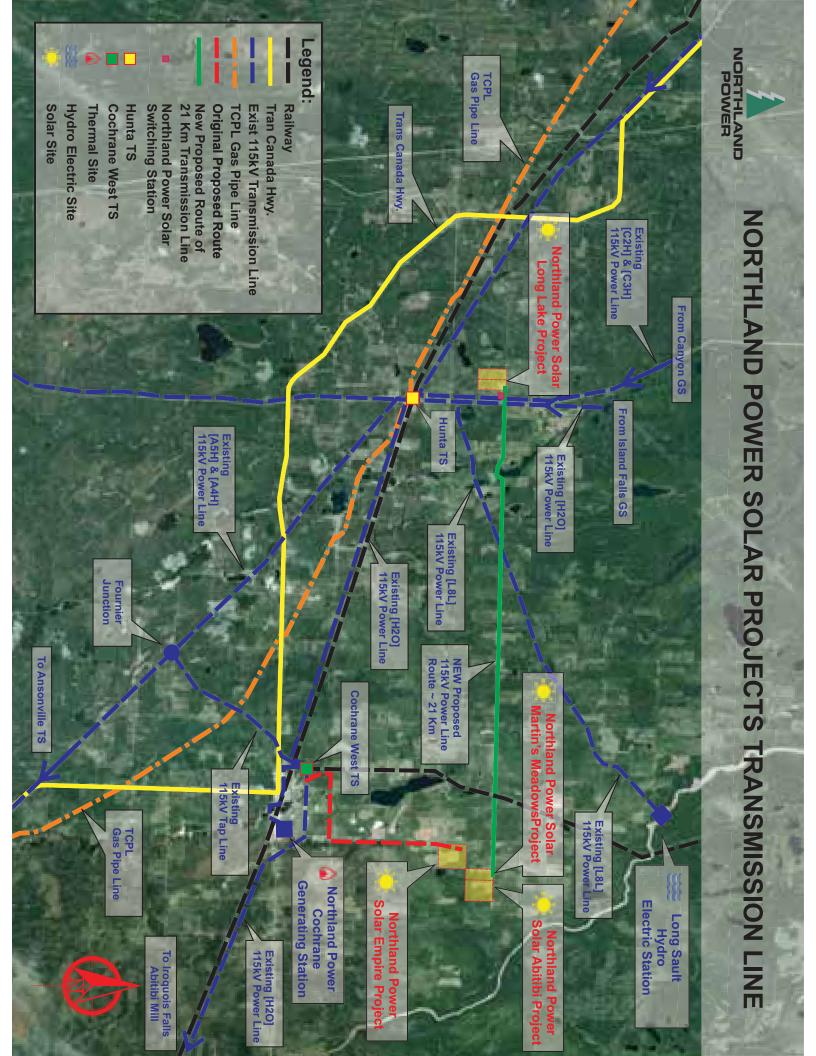
3,000 Metres

NORTH

Northland Power Inc

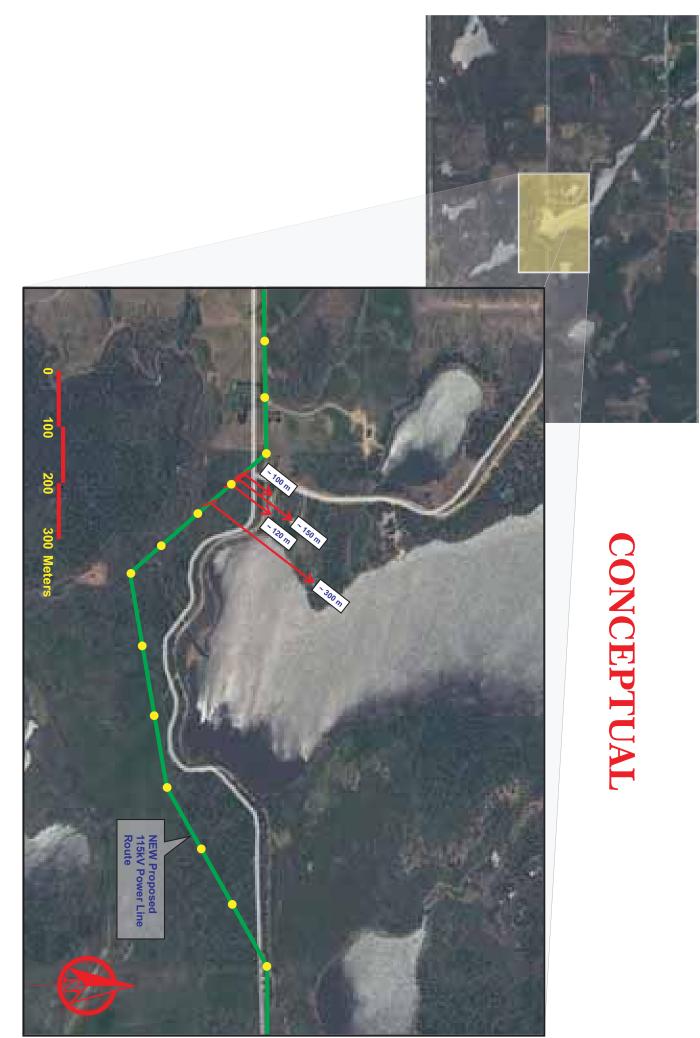
- Waterfowl Nesting Habitat

- Waterfowl Stopover and Staging Area

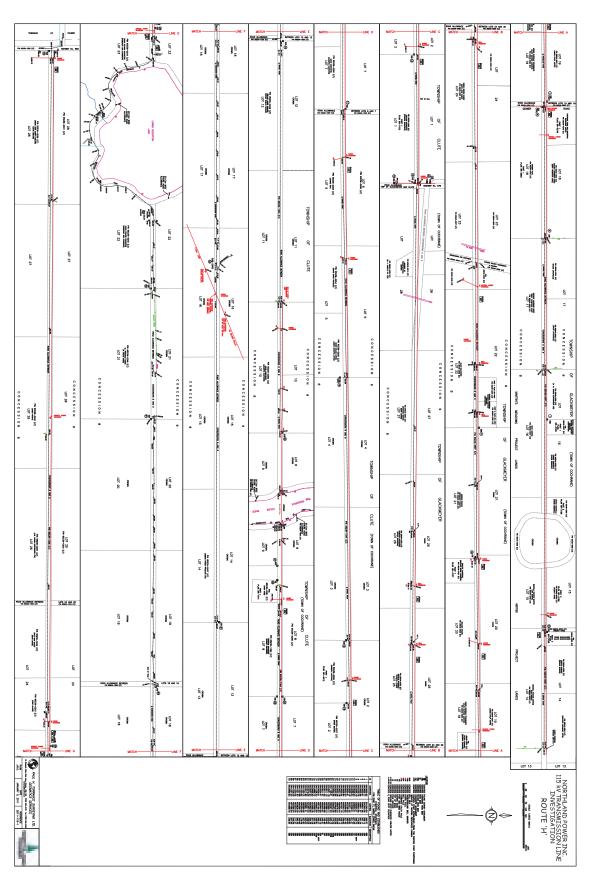




CONCEPTUAL TRANSMISSION LINE ROUTE



Fransmission Line – Legal Survey



(PLEASE USE BLOCK LETTERS) Please Sign In

Northland Power - Public Meeting

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* Please note that all information provided on this form will become part of the formal record and will be published in Project reports that will be available for public review

Comment Sheet Public Meeting: Thursday October 4, 2012 Northland Power – Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects and associated 115kV Transmission Line

 Please indicate whether your interest is pertinent to a proposed Project(s) by circling Project(s) of interest;

Abitibi Empire Long Lake Martin's Meadows 115kV Transmission Line

Decentra Lake -

2. Please describe where you reside in relation to the Project location(s)?

Mary Same

3. Please provide any relevant information related to the Project location(s) which, in your opinion, should be considered in assessing the potential effects of the Project(s)?

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4. Please provide any comments, questions or concerns related to the Projectis).

If you would you like to be included on the Project mailing list, please provide your name and full mailing address below:

Name:	Luc Me	ezel	_
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Mailing Ade	iress (including your post	al code):	
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WE WELCOME YOUR INPUT. PLEASE COMPLETE AND SUBMIT THIS COMMENT SHEET BEFORE LEAVING - THANK YOU

Alternatively, if you prefer to send your response in at a later time, please use the contact information provided below: Sean Male, Environmental Coordinator 4342 Queen St, Suite 500, Niagara Falls, Ontario, L2E 7J7 Phone: 905-374-5200 Fax: 905-374-1157 Email: <u>smale@thatch.ca</u>

PLEASE NOTE: THOUGH RESPONSES WILL BE WELCOMED AND RESPONDED TO AT ANY TIME, ONLY RESPONSES RECEIVED BY OCTOBER 11, 2012, WILL BE INCLUDED IN THE CONSULTATION REPORT TO BE SUBMITTED AS PART OF THE RENEWABLE ENERGY APPROVAL APPLICATION TO THE MINISTRY OF THE ENVIRONMENT.

For more information regarding the Projects please refer to northlandpower.ca

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Hunta Mennonite Church, Hunta, ON		(PLEASE USE BLOCK LETTERS) Northland Power – Public Meeting	Date: October 4, 2012	4, 2012
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Northland Power - Public Meeting

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WATHESHIEL		HUNDA	POLIPO	705 272 -63.83
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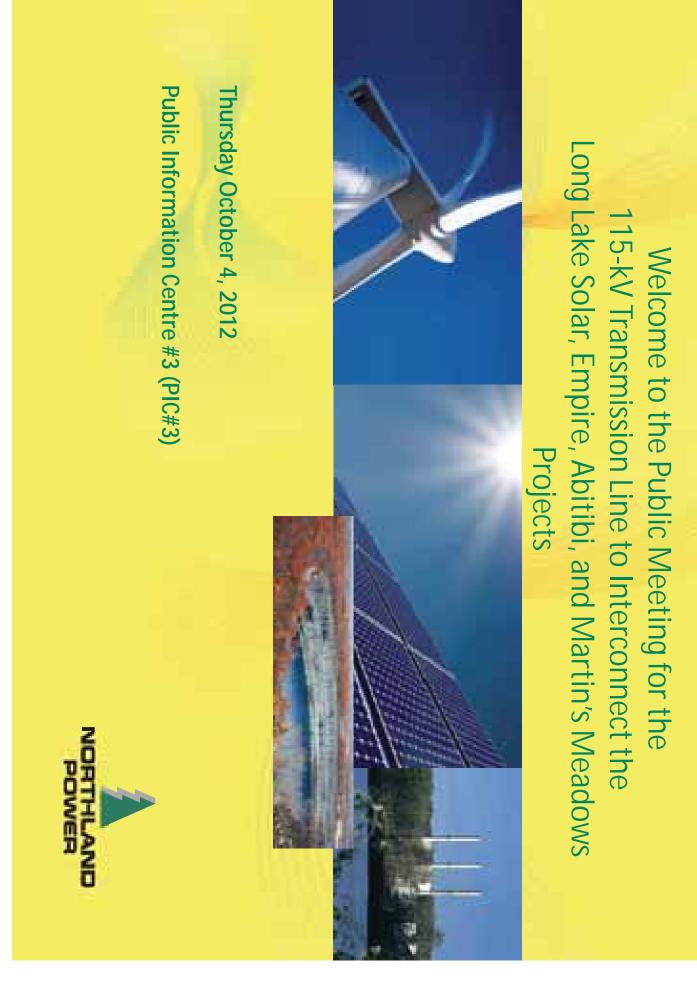
Northland Power - Public Meeting

Hunta Mennonite Church, Hunta, ON

Date: Octoher 4, 2012

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Agenda

Cochrane 5:00 – 7:00 and Hunta 7:30 – 9:30

- Presentation (approx. 30 minutes)
- Introduction Northland and Panel
- Purpose of the Meeting
- Permitting Process and Schedule
- Transmission Line
- Next Steps
- 2) Question and Answer Period (approx. 30 minutes)
- Open House Display Boards (approx. 60 minutes)

green power generation facilities, mainly in the publicly traded since 1997. Power has been in business since 1987 and has been produce about 1,000 MW of electricity. Northland provinces of Ontario and Quebec. Our facilities Northland Power develops and operates clean and

Sustainability is a core value of Northland Power Inc.

Sustainability has many dimensions including:

- Financial

- Operational

- Environmental
- Community
- Health and Safety

Presenters

- Northland Power
- Rob Miller, M.Sc., P.Eng., Manager Solar Development
- Luke Kupczyk, M.Eng, P.Eng., Project Engineer, Engineering Department
- Hatch
- Sean Male, M.Sc., Terrestrial Ecologist, Environmental Assessment & Management
- Intrinsic Environmental Sciences Inc
- Dr. Chris Ollson, PhD., Environmental Health Scientist

Purpose of this Public Meeting

- To communicate project details and to solicit stakeholder input, with a focus on the transmission line
- You Can:
- Ask Questions
- Obtain information
- Gain a greater understanding of the Project and the REA process
- Express any comments or concern

Comments or Concerns can be provided:

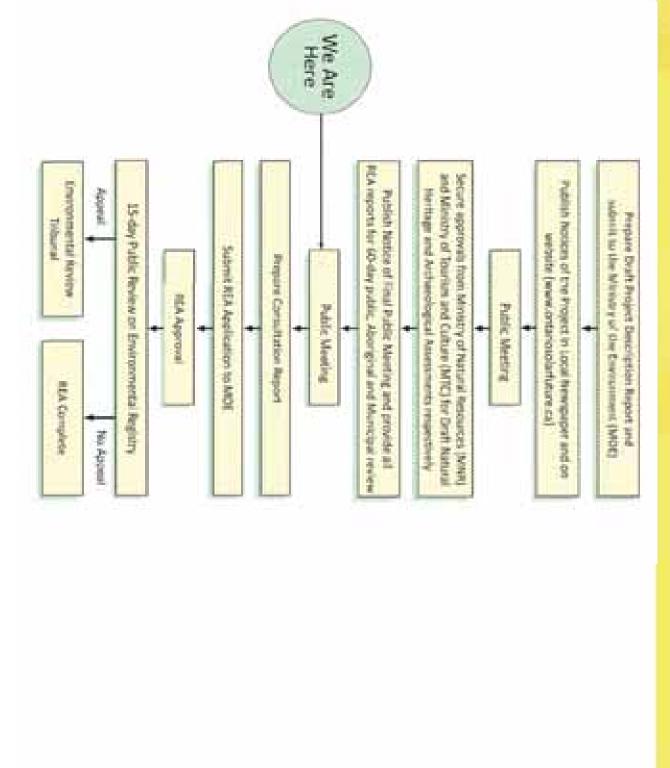
- In a comment form
- Through discussions with the representatives in attendance
- Or contact the Environmental Coordinator, Sean Male, after the meeting

Benefits of Solar Energy

Advantages of solar energy include:

- Fuel is free
- No pollutants or green house gases
- Components are safe and non-toxic
- Low environmental impact most benign form of power generation
- Low maintenance costs, no moving parts
- Power production matches supply and demand patterns
- Ontario has a summer peaking utility due to air conditioning loads

Renewable Energy Approval (REA) Process



Anticipated Project Schedule

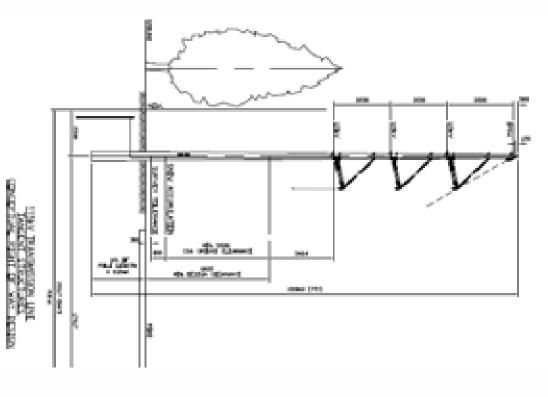
- Submission of Renewable Energy Approval (REA) Documents to MOE – October 2012
- Renewable Energy Approval Received April 2013
- Construction Begins Spring 2013
- Construction Complete Fall 2013, but could stretch to 2014

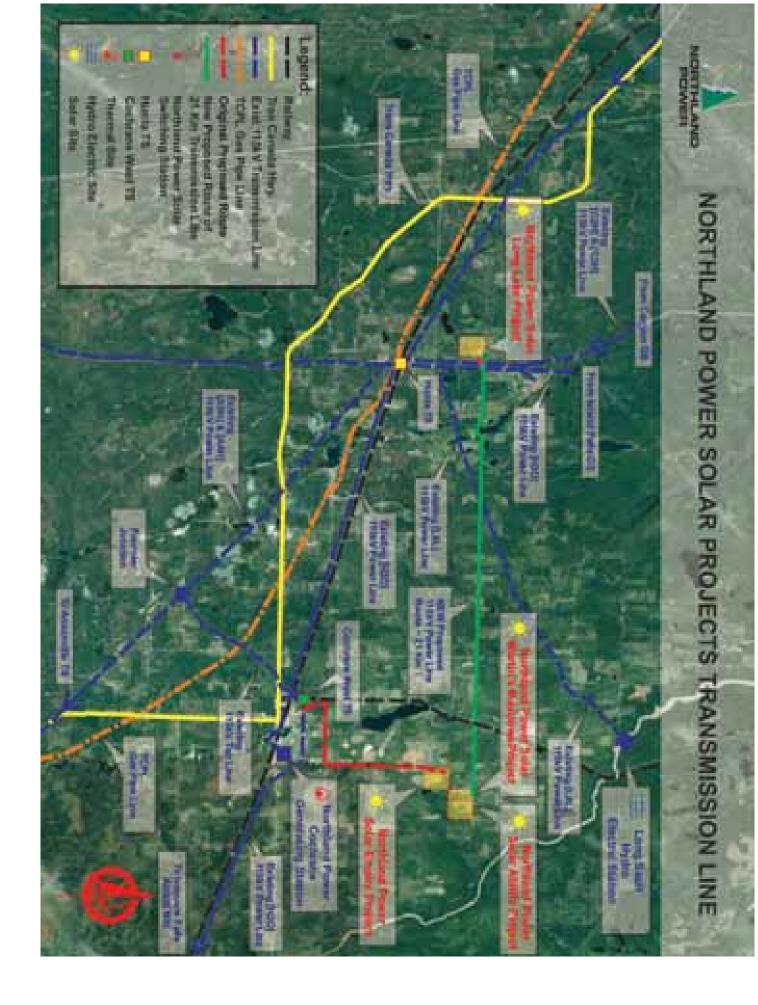


115 kV Transmission Line

115 kV Transmission Line

- A 20 km long transmission line will be constructed
- Located within municipal road right-of-way along Concession 8&9
- Several crossings will be required (i.e.
 Frederick House River, Ontario Northland
 Railway, existing transmission lines)
- In the unorganized townships, line will be on Crown Land
- Permitting of the transmission line is also going through an Ontario Energy Board "Leave to Construct" and other Ministry of Natural Resources permitting (such as work permits).







CONCEPTUAL TRANSMISSION LINE ROUTE



Why This Route Was Selected

- Learned / told by Hydro One we could not connect to the tap line servicing Cochrane
- It is not big enough, i.e. conductor is too small.
- Need to connect to main circuit, for example C2H
- Spur line capacity of 59 MVA. This is not enough to carry the output of the 30 MW solar plus Cochrane NP plant
- Northland, Hydro One and IESO want to minimize connections to the grid.
- This is easier to monitor and control and it is less expensive

Why This Route Was Selected (cont'd)

- The proposed route is the most direct
- MNR Least number of landowners, predominantly the Town and
- Utilities are typically or best located in municipal road ROW's O&M, compatible with intended use of land and not cross country – less environmental impacts, better tor
- Optimizes use of existing linear severances (i.e. roads)
- disturbed Takes advantage of areas that have already been cut and
- Relatively flat gentle topography

Private Algonquin and H2O Lines

- Approached Algonquin, and cannot connect to commercial reasons why we cannot. of capacity and there are other technical and their line because it is already limited in terms
- It does not make sense environmentally, or from a cost perspective, to parallel the Algonquin line
- Same reason we cannot connect to H2O's line running through Cochrane

Existing 115 kV Line in Cochrane



16

Northland will not use large metal

lattice towers.

H2O Line Along 8th Street Next to School



H2O Line Along 8th Street

Looking West





Looking East

H20 Line Next to Minto Health Centre



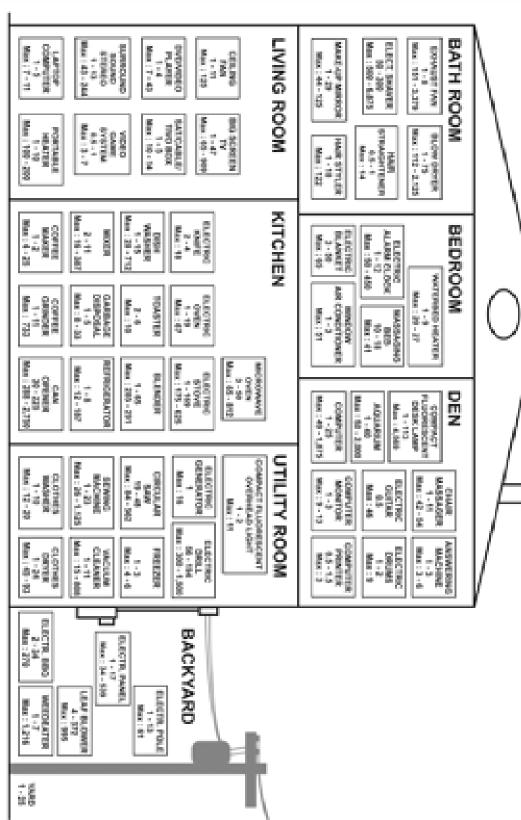
"There is no conclusive evidence of any harm caused boundaries of power line corridors." schools, including those located just outside the by exposures at levels found in Canadian homes and

"Health Canada does not consider guidelines for the exposures cause health problems for the public." evidence is not strong enough to conclude that Canadian public necessary because the scientific

EEE - EMIF In The Environment

MAGNETIC FIELD ENVIRONMENT

Units: milliGauss (mG)

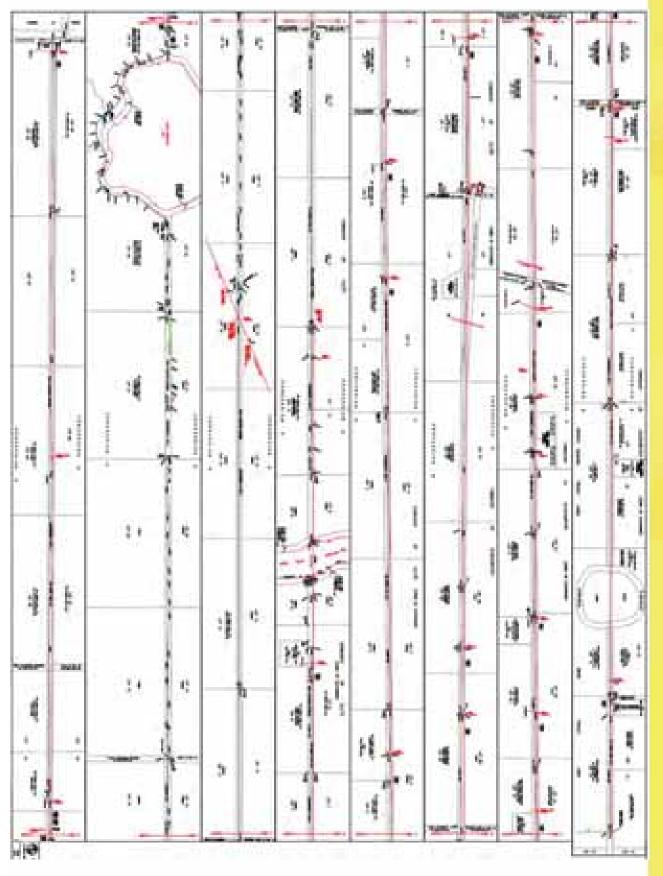


July 2007 update of data published in IEEE Paper "Press" Preparity Magnetic Paties in the None", Bitra, J.M., et al. Enviroth Consultants, IEEE Transactions on Press Policing, Vol. PMID 4, No. 1, pp. 460-478, 1980

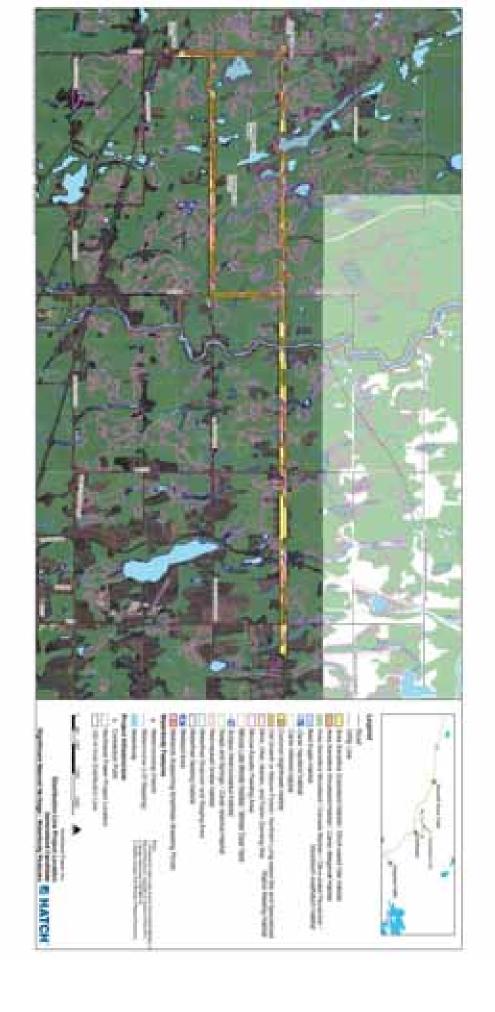
 $\sum_{i=1}^{n}$

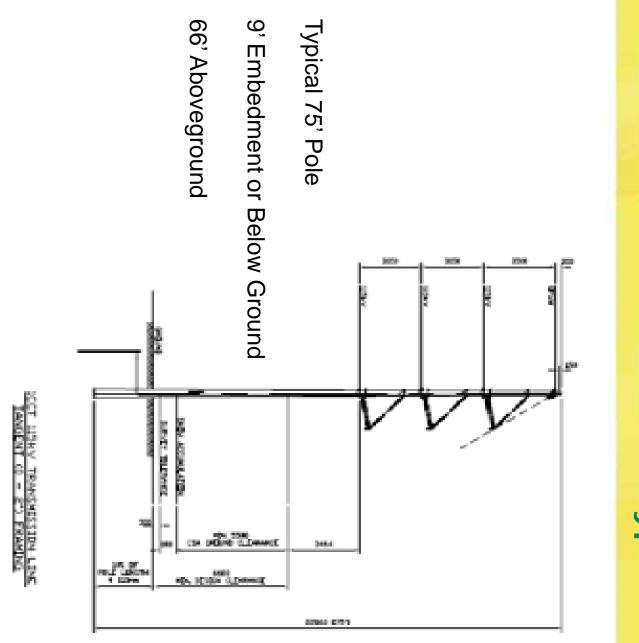
٩L M	pical	EMF Levels fo	or Power	Typical EMF Levels for Power Transmission Lines*	
115 KV	=	Approx. Edge of Right-of-Way 15 m (50 H)	30 m	61 m (200 ft)	91 m (300 ft)
Electric Field (kV/m) Mean Magnetic Field (mG)	1.0	65	0.07	0.01 0.4	0.003
230 KV	300	Approx. Edge of Right-of-Way 15 m (50 ft)	30 m (100 ft)	61 m (200 ft)	91 m (300 ft)
Electric Field (kV/m) Mean Magnetic Field (mG)	20	1.5 19.5	03 7.1	0.05	8.0 10.0
500 KV	Difference	Approx. Edge of Right-of-Way 20 m (65 ft)	30 m	61 m (200 ft)	91 m (300 ft)
Electric Field (kV/m) Mean Magnetic Field (mG)	7.0	3.0 29.4	1.0	03	0.1 1.4

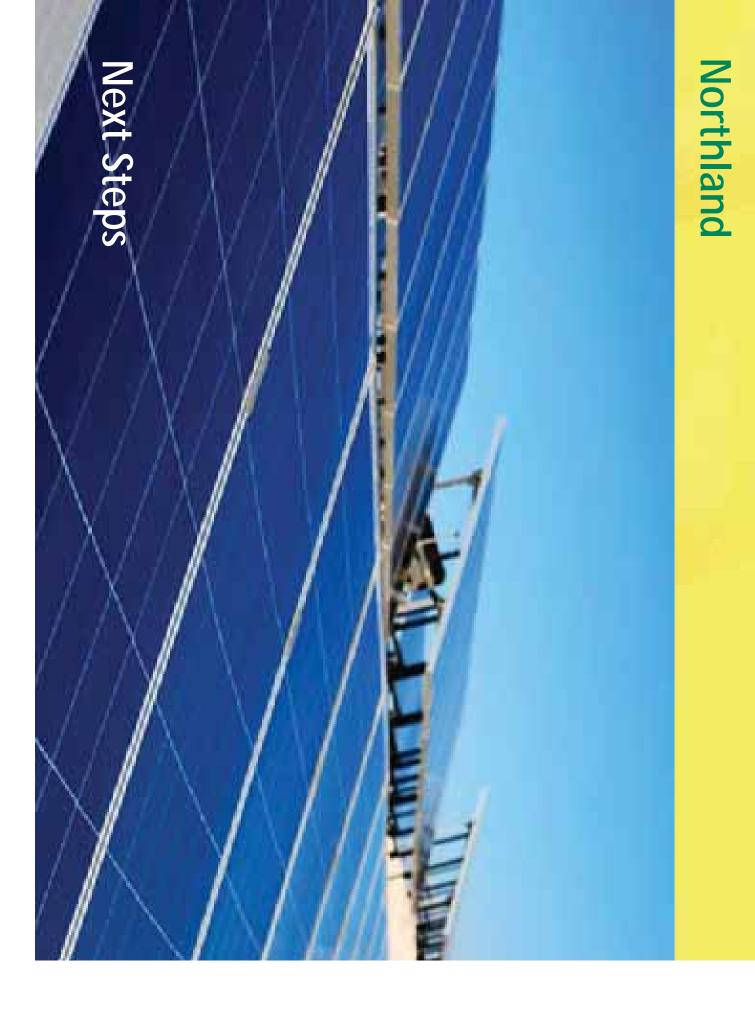
15 kV Transmission Line – Legal Survey



115kV Transmission Line – Environmental Features







Next Steps

- documenting results of this Public meeting A consultation report will be prepared
- Ministry of Environment Approval will be submitted to the An application for a Renewable Energy
- A Notice of Environmental Registry Posting will be published
- For more information, please visit <u>northlandpower.ca</u>
- A Decision Notice will be issued from the Ministry of Environment

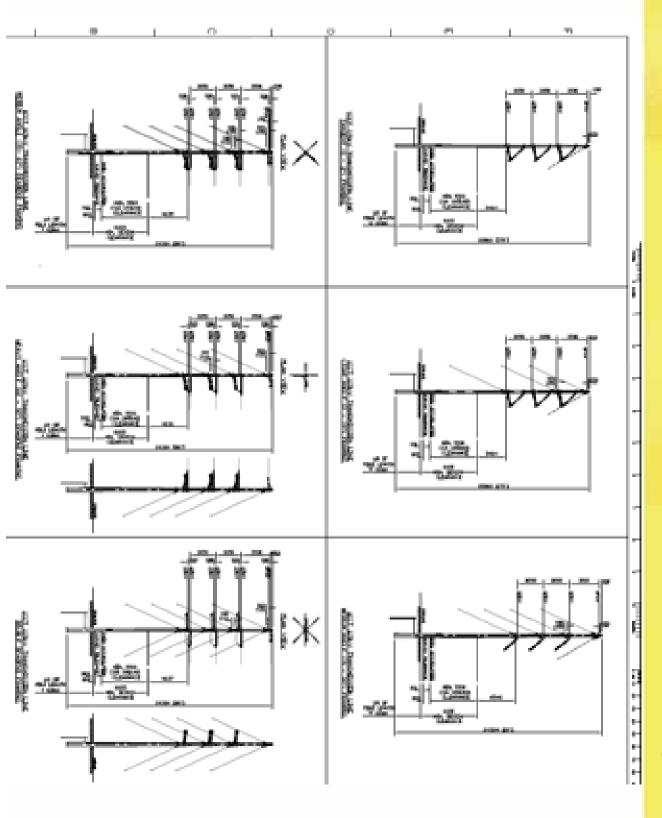


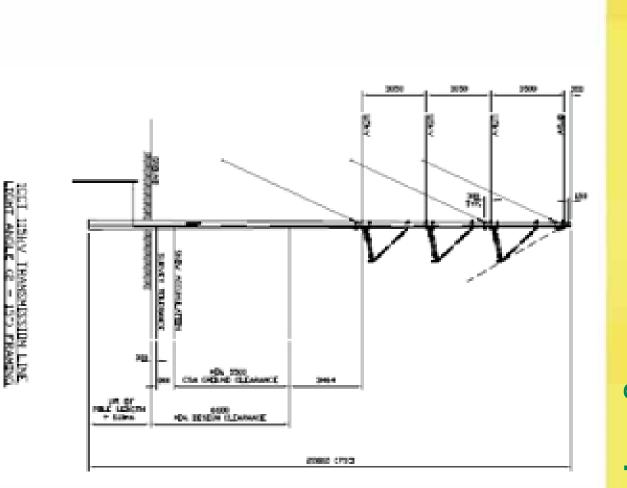
www.northlandpower.ca

Questions?

Thank You

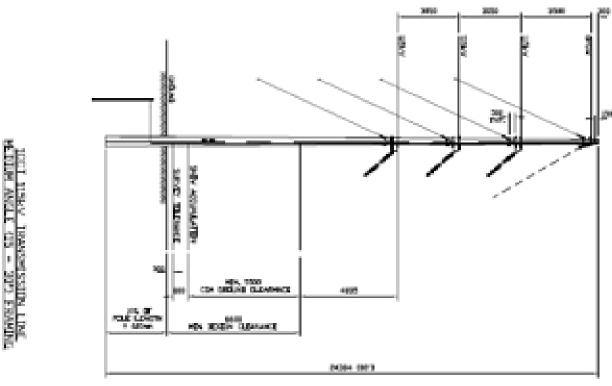
15kV Transmission Line – Structure Summary



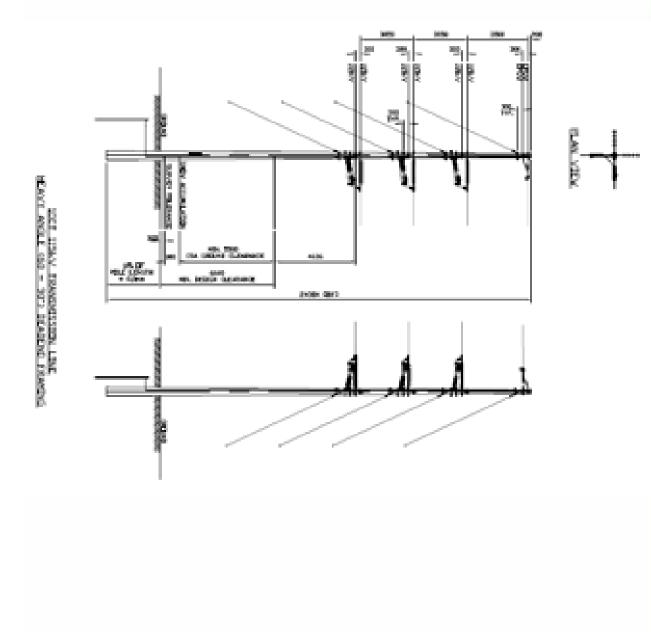


115kV Transmission Line – Design Option

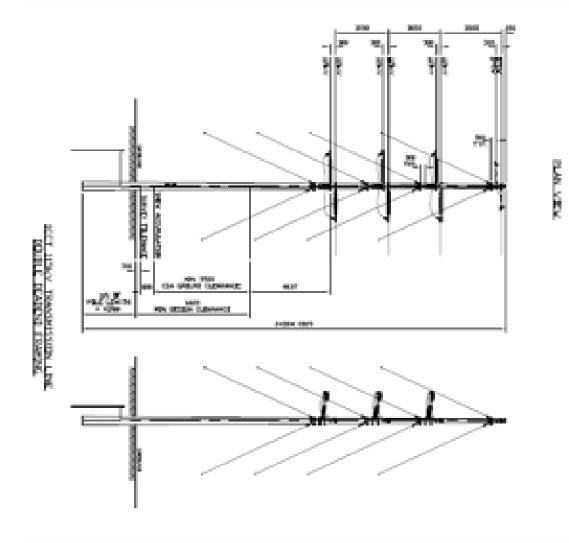




115kV Transmission Line – Design Option

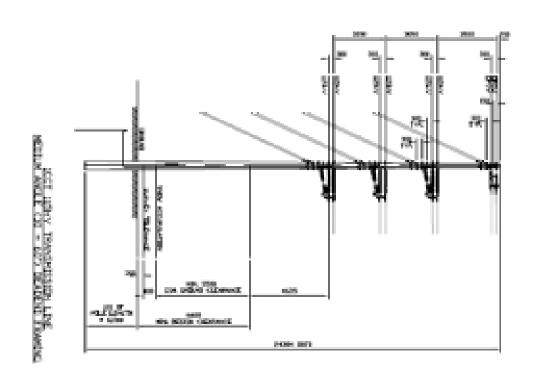






115kV Transmission Line – Design Option







Appendix F Correspondence with Agencies





June 1, 2011

Denis Durocher, Timmins District Manager Ministry of Environment 5520 Hwy 101 East, PO Bag 3080 Ontario Government Complex, South Porcupine PON 1H0

Subject: Notice of a Proposal and Notice of Public Meeting - Northland Power -Long Lake Solar Project

Northland Power is proposing to construct a solar project in the unorganized township of Calder, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. The Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09 as amended by Ontario Regulation 521/10. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and we would like to invite you to the upcoming Public Consultation Meeting. Please find attached a "Notice of a Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 2, 2011 and Thursday June 9, 2011. The Public Meeting will provide the public with an opportunity to learn more about the Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, a draft "Project Description Report" and associated information pertaining to the Project and about Northland Power can be found online at: northlandpower.ca/longlake. As well, hardcopies are available at the Driftwood Truck Stop, (intersection of Highway 655 and Highway 11) Lot 16, Concession 6, Calder, Driftwood, Ontario. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator SM:srg Attachment: Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project

cc: Mike Lord, Northland Power Tom Hockin, Northland Power





June 1, 2011

Doris Dumais, Director Ministry of the Environment Environmental Assessment and Approvals Branch 2 St. Clair Ave., W, 12A Floor Toronto, On M4V 1L5

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Yours truly,

Sean Male, M.Sc. REA Coordinator SM:srg Attachment: Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project cc: Mike Lord, Northland Power Tom Hockin, Northland Power





June 23, 2011

Denis Durocher, Timmins District Manager, Ministry of Environment 5520 Hwy 101 East, PO Bag 3080 Ontario Government Complex, South Porcupine PON 1H0

Subject: Notice of Change in Public Meeting Date -Updated Draft Project Description Report for Public Review -Long Lake Solar Project

Northland Power is proposing to construct a solar project in the unorganized township of Calder, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. The Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09 as amended by Ontario Regulation 521/10. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

As previously notified in a letter dated, May 31, 2011, Northland Power is undertaking a public consultation program in support of the Projects. Due to a change in Project location, the previously notified date of Tuesday July 5, 2011 for the first Public Meeting is to be rescheduled to Wednesday July 27, 2011. We apologize for any inconvenience. Please find attached a "Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 23, 2011 and Thursday June 30, 2011.

In accordance with Section 16 (3) of Ontario Reg. 359/09, an updated draft "Project Description Report" and associated information pertaining to the Project and about Northland Power can be found online at: northlandpower.ca/longlake. As well, updated hardcopies are available at the Driftwood Truck Stop, (intersection of Highway 655 and Highway 11) Lot 16, Concession 6, Calder, Driftwood, Ontario. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence(s) to:

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Yours truly,

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cc: Mike Lord, Northland Power Tom Hockin, Northland Power





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Yours truly,

Sean Male, M.Sc. REA Coordinator SM:srg Attachment: Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project

cc: Mike Lord, Northland Power Tom Hockin, Northland Power





May 24, 2012

Denis Durocher, Timmins District Manager, Ministry of Environment 5520 Hwy 101 East, PO Bag 3080, Ontario Government Complex South Porcupine, ON PON 1H0

Subject: Notice of Public Meeting and Renewable Energy Approvals Documents -Long Lake Solar Project

As you are aware, Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled the Long Lake Solar Project. Northland has commenced with the Renewable Energy Approval (REA) process, as required, and described in Ontario Regulation 359/09 under the *Environmental Protection Act*. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and has planned a public meeting on Tuesday, August 21, 2012, as outlined in the enclosed Notice of Public Meeting. This Notice will also be published in *Cochrane Times Post* on Thursday, May 24, 2012 and Thursday, July 26, 2012. The Public Meeting will provide the public with an opportunity to learn more about the Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, draft supporting documents, including the Project Description Report, Executive Summary, Design and Operations Report, Construction Plan Report, Decommissioning Plan Report, Noise Assessment Report, Stage 1 and 2 Archaeological Assessment Report, Natural Heritage Assessment Reports and Water Body Assessment Reports, are to follow and will be made available by Thursday, June 21, 2012 at the Hunta Mennonite Church (please contact Robert Landis at 705-272-6306 for a viewing) or on-line at northlandpower.ca/longlake. We would appreciate any comments, queries or information you may have that are relevant to the proposed Projects.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Sincerely,

Sean K. Male, M.Sc. REA Coordinator SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Long Lake Solar Project,

cc: Tom Hockin, Northland Power Carol-Ann Fletcher, Northland Power





May 24, 2012

Doris Dumais, Director, Ministry of the Environment, Environmental Assessment and Approvals Branch 2 St. Clair Ave., W, 12A Floor Toronto, ON M4V 1L5

Subject: Notice of Public Meeting and Renewable Energy Approvals Documents -Long Lake Solar Project

As you are aware, Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled the Long Lake Solar Project. Northland has commenced with the Renewable Energy Approval (REA) process, as required, and described in Ontario Regulation 359/09 under the *Environmental Protection Act*. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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Sincerely,

Sean K. Male, M.Sc. REA Coordinator SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Long Lake Solar Project,

cc: Tom Hockin, Northland Power Carol-Ann Fletcher, Northland Power





September 18, 2012

Denis Durocher, Timmins District Manager Ministry of Environment 5520 Hwy 101 East, PO Box 3080 Ontario Government Complex, South Porcupine P0N 1H0

Dear Mr. Durocher:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

Northland Power is proposing to construct four solar projects in northeastern Ontario; three in the Town of Cochrane, just southeast of the community of Genier, and a fourth near the community of Hunta. The proposed projects are named the Abitibi Solar Project, the Empire Solar Project, the Martin's Meadows Solar Project and the Long Lake Solar Project (the "Projects") and will each have an installed nominal capacity of 10 MW. A 115 kV transmission line will connect these Projects to the provincial electricity distribution network. These Projects require a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act.*

Northland Power is continuing a public consultation program in support of the Projects and has planned a public meeting on Thursday October 4, 2012, as outlined in the enclosed Notice of Public Meeting. This Notice will also be published in *Cochrane Times Post* on Thursday September 20, 2012, and Thursday September 27, 2012. The Public Meeting is being held to provide further information on the proposed 115 kV transmission line associated with the Projects.

As you may be aware, copies of the draft supporting documents were made available on June 21, 2012, at:

- the Town of Cochrane municipal office
- the Hunta Mennonite Church (please contact Robert Landis at 705-272-6306 for a viewing)
- online at the Project websites:
 - northlandpower.ca/abitibi
 - northlandpower.ca/empire
 - northlandpower.ca/martinsmeadows
 - northlandpower.ca/longlake



Safety

 Quality

 Sustainability

 Innovation



We would appreciate any comments, queries or information you may have that are relevant to the proposed Projects.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Sincerely,

5 m

Sean K. Male SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake





September 18, 2012

Doris Dumais, Director Ministry of the Environment Environmental Assessment and Approvals Branch 2 St. Clair Ave., W, 12A Floor Toronto, ON M4V 1L5

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Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Sincerely,

5 II

Sean K. Male SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake



McRae, Elizabeth

From: Sent:	Telford, Jennifer (MNR) [jennifer.telford@ontario.ca] Thursday, May 19, 2011 4:21 PM
То:	Male, Sean
Cc:	Clement, Denis (MNR); Dosser, Sandra (MNR); Ferguson, Larry (MNR)
Subject:	Comments on Records Review for Cochrane District Solar Sites

Hi Sean,

Here are the comments Cochrane District as well as Northeast Region MNR staff had on the Records Review for the four Northland solar projects in this district:

Abitibi

• Records review indicates no wetlands in or within 120m of project location. Site investigations will need to confirm this. Wetlands may be associated with the stream between Martin Meadows and Abitibi.

Empire

• Wetlands identified within 120m of the project. The status of these wetlands will need to be determined and any unevaluated wetlands found within 120m will require an OWES evaluation to determine their significance.

Long Lake

- Identifies map square 17NQ04. This is the wrong map square for this project, should be 17MQ74. Appendix A does show that 17MQ74 was used though.
- Bald Eagle identified as possibly occurring. If suitable habitat outside of the 120m buffer (i.e. around Syndicate Lake and Kennedy lake, extends into the 120m buffer then it does need to be considered as candidate SWH.)
- Wetlands identified within 120m of the project. The status of these wetlands will need to be determined and any unevaluated wetlands found within 120m will require an OWES evaluation to determine their significance.
- Syndicate and Kennedy lakes identified as waterfowl staging areas in MNR NRVIS data. Wetlands and the stream associated with these lakes could also be used by migratory birds.

Martin Meadows

- Records review indicates no wetlands in or within 120m of project location. Site investigations will need to confirm this. Wetlands may be associated with the stream between Martin Meadows and Abitibi.
- North eastern corner of Empire and south western corner of martin meadows have overlapping buffers with a stream between them. Stream actually looks to be within empires project location. This is one area that the site investigations need to be looking at, what kind of stream is this? Are there wetlands associated with them?

General

• Did not include the following in any of the four Records Reviews as a possible/candidate SWH:

Open country breeding birds habitats

- While not required it is strongly recommended using and providing aerial map/satellite imagery during records
 review stage as allows for a better understanding of the various key habitat components that need investigated.
 Allows for consultant to scope the project, determining where the most effort in site investigations is required. As
 well as can aid in identifying potential candidate SWH. As mentioned in a previous e-mail, FRI imagery can be
 purchased from Land Information Ontario.
- Empire, Martin Meadows & Abitibi Solar Polar Project these projects are within map block 17NQ04, although would also consider blocks 17MQ94, 17NQ03, and 17MQ93 as these projects are close to and on the boarder of these boundaries. By including the additional Blocks gives a good understanding of some of the species that could be encountered during Site Investigations.

- All four projects look to include a considerable amount of woodland; does the design of these projects intend to clear all the forested areas within the project locations?
- Records to be requested from MNR included records relating to ANSI's, wetlands, and wildlife habitat. Cochrane
 District MNR does not have records for ANSI's within 1km of these projects as there are no ANSI's in these
 areas. Records for wetlands and wildlife habitat for these areas do not exist as these areas have never been fully
 evaluated. Our NRVIS data will be the same as that at LIO and are the only records that have been found for
 these four solar projects. A quick review of wetlands, habitat etc. in our NRVIS layers has shown very little for
 these four projects. Site Investigations will be crucial to determined if wildlife habitat or wetlands do exist and
 what the significance of the habitat or wetland is. Wetlands in these areas should be considered unevaluated.
 Lake inventories do exist for Kennedy Lake and Syndicate Lake.

Feel free to call me if you have any questions regarding these comments. I will be away from the office tomorrow and out of the office for a portion of Tuesday of next week but in for the rest of the week.

Thank You,

Jennifer Telford District Planner

Ministry of Natural Resources, Cochrane District Phone (705) 272-7130 Fax (705)272-7183 jennifer.telford@ontario.ca

McRae, Elizabeth

From: Sent: To: Subject: Telford, Jennifer (MNR) [jennifer.telford@ontario.ca] Monday, June 06, 2011 9:43 AM Male, Sean Cochrane District Solar values check

Hi Sean,

I had our GIS officer search out database quickly and he found no nests in the area of Syndicate or Kennedy Lake. So, if there is something it would be a newer nest but we have nothing showing up in NRVIS. He also informed me that Syndicate isn't too hard to get to by either walking along the creek or with a canoe should you have the time to get in there. I would suggest asking people at the open house if they have seen any eagles in the area as they may be the best source of information.

Thanks, Jenn

Jennifer Telford District Planner

Ministry of Natural Resources, Cochrane District Phone (705) 272-7130 Fax (705)272-7183 jennifer.telford@ontario.ca



Please consider the environment before printing this email.

REOT

NHA Review Checklist Template

Wind, Solar, Biomass Ministry of Natural Resources Renewable Energy Operation Team June 25, 2011

Natural Heritage Assessment Review Checklist

Project Name:	Long Lake Solar Project			
Project Location:	MNR District Cochrane	Municipality		Geo.Twp, Lot & Con Calder, Lots 2 and 3, concession rd
				8
Applicant:	Northland Power Solar Long Lake L.P.	_ake L.P.	Phone #:	
Consultant:	Hatch		Phone #:	
Generation type:	wind onshore	wind offshore	🛛 solar	🗌 biomass/biogas
Nameplate Capacity (MW):	10 MW			
MNR Reviewer(s):	Angela de Geus; Larry Ferguson; Todd Copeland	son; Todd Copeland		
Date Reviewed:	November 21 – December 1, 2011	011		
Date NHA Received:	^{1st submission} October 20, 2011	2 nd submission (if applicable)		3 rd submission (if applicable)
Report Version Code(s):	^{1^s submission} RR Rev. C; SIR Rev. A; EOS Rev. A; EIS Rev. A	(ev. A; (if applicable)		3 rd submission (if applicable)

Final Review Summary Checklist (to be completed as review of each report is finalized)

Report	Meets REA Requirements (0.Reg 359/09)	equirements 359/09)	Not Required √
Records Review	Section 25		
Site Investigation	Section 26		
Evaluation of Significance	Section 27		
Environmental Impact Study	Section 38		
When all items have been completed to MNR's Satisfaction a Confirmation Letter will be issued	o MNR's Satisfaction	n a Confirmation	

Date NHA confirmation letter issued

ATTACH A COPY OF THE NHA CONFIRMATION LETTER

NHA Final Review Summary Table (this table should be completed as you review each report)

U	Feature ID (unique identifier applied to each feature)	RR SI	<u><</u> 0	EOS ح	nce/Non-Significance a met by significant woodland, etc.)	≺ Eis	Mitigation for Significant Features (setbacks, timing windows, etc.)	MNR in Agreement? √
adian Shield?								
adian Shield?								
] Coastal								
at								
: located in? 2E □ 1E □ 0E v								
oregions in bold								
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Records Review Report (Section 25)

Content Requirements	Complete	Page#	Section#	MNR Comments	If revision requested was it completed? (include version code of report and page# where revision(s) completed)
Identifies list of records searched	•	4-9	2		
Identifies a summary of the results obtained, including the following sources:	cluding the	e following	g sources:		
1. MNR records that relate to provincial parks and conservation reserves	4	4	2.1	NRVIS data layers	
2. Records related to natural features that are maintained by the:	naintained	l by the:			
i. MNR	N	4,6-9	2.1	OBM, LIO, NHIC, Cochrane District (FRI, ANSI, wetland mapping, wildlife habitats)	
ii. the Crown in the right of Canada and, if applicable	1	9	2.2	Natural Resources Canada, Canadian Wildlife Service, Environment Canada	
iii. a conservation authority	4	4	2.0	N/A	
iv. each local and upper-tier municipality	4	4	2.0	N/A	
v. the planning board	٩.	4	2.0	N/A	
vi. the municipal planning authority	4	4	2.0	N/A	
vii. the local roads board	4	9	2.3	Hunta Local Roads Board	
viii. the Local Services Board	4	4	2.0	N/A	
ix. the Niagara Escarpment Commission	N/A				
Identifies if the project location is <u>in or within 120 metres</u> of a Provincial Park or Conservation Reserve.	V	11	Table 3.1	No parks or conservation reserves identified on or within 120 m of the Project location	
If the project location is in a Provincial Park or Conservation Reserve, provides evidence that engaging in the project is not prohibited by or under the <i>Provincial Parks and</i> <i>Conservation Reserves Act, 2006</i> .	N/A				
Identifies if the project location is <u>in or within</u> <u>50 metres</u> of an Earth Science ANSI	4	11	3.2	No ANSIs were identified on or within 120 m of the Project location	

Identifies if the project location is in or within 120 metres	0 metres	of:		
ANSI (Life Science)	4	11	3.2	No ANSIs were identified on or within 120 m of the Project location
Coastal wetland	N/A			
Northern wetland	4	11	3.3	One wetland identified within 120 m of the Project
Southern wetland	N/A			
Wildlife habitat	5	11-15	3.4	Report indicates that no specific wildlife habitat features have been identified, but then follows this with identifying that a waterfowl staging area 120m outside of project area and suitable habitat for species of conservation concern that may be found within 120m of project for: Jefferson-blue-spotted Salamander, Bald Eagle, Canada Warbler, Common nighthawk, and Olive-sided Flycatcher. These results should also be expressed in section 4 (summary of results) as there is some potential for their occurrence on site.
Valleyland (if south or east of the Canadian Shield)	N/A			
Woodland (if south or east of the Canadian Shield)	N/A			
If the project location is in the Oak Ridges Moraine Conservation Plan Area or the Natural Heritage of either plan area), identifies whether the project location is in or within 120 metres of:	ine Conse ct locatior	ervation F i is <u>in or v</u>	'lan Area c vithin 120 i	r the Natural Heritage System of the Greenbelt Plan (other than in settlement areas netres of:
Sand barren	N/A			
Savannah	N/A			
Tallgrass prairie	N/A			
Southern wetlands that are not provincially significant	N/A			
Areas of natural and scientific interest (life science) that are not provincially significant	N/A			
Alvars (only in the Natural Heritage System of the Greenbelt Plan)	N/A			

List any additional records searched (non-legislated):

Ontario Wind Resource Atlas Ontario Breeding Bird Atlas Atlas of the Mammals of Ontario Important Bird Areas of Canada website

Did not identify ELC, OWES, SWHTG as guidelines or manuals used in their review.

NOTE: When all items deemed complete return to the "Final NHA Review Summary" box on the first page and mark the Records Review Report as complete √

Additional Comments:

- What was looked for in the biodiversity explorer? i.e. S1 S3 for plants, mammals, birds, amphibians etc... How large of an area was searched around the project location? i.e. 10 km^2
- A Class 2 MAFA was identified in the wetland evaluation but wasn't discussed as a specialized habitat for wildlife

a) type c) composition c) A summary of investigation methods a) Date and times of the beginning and end of site investigation and duration of b) attributes Information relating to each natural heritage feature identified, including its: records review (e.g., additional features, etc.) A summary of any corrections made to the Assessment of the results of the records review to determine if they are correct, including: e) The field notes kept by site investigators who conducted the site investigation d) The name and qualifications of person(s) investigation b) Weather conditions during the site investigation Evidence that a physical or alternative site investigation of the air, land and water within 120 metres of the project location was conducted, including: **Content Requirements** Feature identifier(s): Feature type: 🛛 wetland 🗍 wildlife habitat 🗍 woodland 🗍 valleyland 🗍 ANSI (earth) 🗍 ANSI (life) 🗍 Sand barren 🗍 Savannah 🗍 Tallgrass prairie 🗍 Alvar Complete \times \times Ę Ę Ę 7, 8, 9, 10, 11, 12 10, 11, 12 12-18 100 ° ' 1 7, 8, 9, Page # 1 Appendix B 3.2.1.2, 3.2.2.2, 3.2.3.2, 3.2.4.1, 3.2.5.1 3.2.1.1, 3.2.2.1, 4-5 4.2.5 3.2.2.3, ω .1 3.2.4.2, 3.2.5.2 3.1.2, 3.2.3.1, 3.1.1, Appendix Appendix 3.2.3.3 B, 3.2.1.3 Section # ⊳ cloudy?) Cloud cover during site investigation 4&5 not identified (although 5 indicates its raining so likely This information needs to be included for each feature identified well identified/belong in the evaluation of significance OWES protocols, other investigation methods are not This information needs to be included for each **MNR** Comments If revision requested was it completed? (include version code of report and page# where revision(s) completed)

feature identified

Site Investigation Report (Section 26)

	×	c) the distance from the project location to the boundaries of identified natural features
Map should delineate Habitat types not species associations. Preferable using the provincial ELC classification	×	b) the location and type of natural heritage features in relation to the project location
This information needs to be included for each feature identified Map should identify the boundaries of each natural feature identified. Where are the 9 wetlands? It all just looks like one wetland. Are all the forested areas wetlands/swamps?	×	a) boundaries of any identified natural features (including provincial parks and conservation reserves) within 120 metres of the project location
		A map showing:
This information needs to be included for each feature identified	×	d) function

Additional Comments:

- Section 4.1 pg 12 only identifies 9 wetlands, none of which are the wetland identified in the records review. The wetland evaluations look at 11 wetlands and are identified differently than the wetlands in table 4.1 so it is difficult to determine what is what.
- done between 2014 and 2045 Site investigation 3 – "in accordance with marsh monitoring program protocols" surveys are completed after 2200 hrs – but the survey was
- the surveys were completed including the waterfowl nesting survey. Where were the surveys conducted? - identify locations on a map (i.e. amphibian surveys, transects routes, etc.). It is not clear how some of
- investigations instead of determining what habitat was present and applying it to the species matrix to determine what species were possible. It seems like the consultant went out and did the site surveys to determine if habitat was present based on the species they saw in the site
- Specialized habitat for wildlife should also include: Forests providing a high diversity of habitats; Moose calving areas; Moose aquatic teeding areas; Mineral lick
- Reference to MNR, 2009 is not included in the references
- recommended method of finding these features. Is the habitat present? Search of Mink, Otter, Marten, and Fisher denning sites is not listed as a purpose for site investigation 2. In SWHTG, searches are not a
- Specialized raptor-nesting habitat The Red-tailed hawk nest should be considered as SWH and carried over to the EOS
- Surveys did not find presence of Canada warbler, olive-sided flycatchers or common nighthawk but is the candidate habitat present?
- EOS report. The SI report should contain habitat delineation not "critter studies". Transect surveys, point counts, "critter studies" etc... belong in the
- Is there SWH outside of the project area where an 120 buffer would extend into the project area?
- in the records review and carried forward into the Site Investigation. All species of conservation concern that could potentially occur in the project location or 120 m of the project location should be identified
- evaluators Appendix B states that Eastern Cottontail were observed on site - this is most likely incorrect and brings into question credibility of

NOTE: When all items deemed complete return to the "Final NHA Review" Summary" box on the first page and mark the Site Investigation Report as complete v

Evaluation of Significance (Section 27)

Feature type: ⊠wetland ⊠wildlife habitat ⊡woodland ⊡valleyland Feature identifier:

Content Requirements	Complete	Page#	Section#	MNR Comments	If revision requested was it completed? (include version code of report and page# where revision(s) completed)
For each natural feature that the project location is closer to than 120 metres (other than ANSIs, as previously been confirmed as provincially significant by the MNR):	n is closer icant by th	to than 12 e MNR):	0 metres (oth	ier than ANSIs, as the applicant is only required to consider ANSIs that have	r ANSIs that have
 a) A summary of the evaluation criteria or procedures used in determining significance/provincial significance of a feature 	5	7-16	3-4		
Note: an evaluation of significance identified through the records review is an acceptable determination of significance, provided that the evaluation was done using evaluation criteria or procedures established/accepted by MNR and evidence of the procedures used is submitted by the applicant.					
Evidence of how information related to natural features obtained during records review, site investigation and consultation with the public, aboriginal communities, municipalities and local authorities was considered by the applicant on the evaluation of significance.	R.	7	N	No evidence of consultation with the public or aboriginal communities	
b)The name and qualifications of person(s) who applied the evaluation criteria or procedures	4	16	3.4		
c) The dates of the beginning and completion of the evaluation	*	15	3.2		

Additional Comments

- Is the wetland supporting amphibian breeding habitat and the animal movement corridor the exact same boundary?
- How were the boundaries determined?
- "unknowns" identified in the wetland evaluation there is possibility of this wetland being underscored Wetland is only 14 points away from being significant. Biological features scored high; only 8 points away from 200. With several
- evaluating for significance? Is ~5hrs in the morning and 2 hours at night of Bird Surveys, conducted during Site investigation to determine species present, sufficient for
- investigation is not sufficient. Need a better explanation of the methodology used for the Evaluation of Significance. A proper study for waterfowl is needed, the site
- The EOS needs to be a repeatable study the methodology needs to be detailed enough that anyone can repeat the studies
- Habitat for moose (3.1.2.1) needs to be linked to the specific habitat important to their life cycle
- Break out area sensitive species into habitat types (Woodland, Grassland, Wetland) instead of breaking out each species separately

Environmental Impact Study Report (Section 38(2))

Feature type: 🗌 wetland 🛛 wildlife habitat 🗍 woodland 🗍 valleyland 🌐 ANSI (earth) 🗌 ANSI (life) 🗍 PPorCR 🗍 Sand barren 🗍 Savannah 🗌 Tallgrass prairie _Alvar

Feature identifier: _wetlands supporting amphibian breeding habitats, animal movement corridor associated with Smith Creek and associated riparian habitat_

An EIS is required where the project location is within 50 m of a provincially significant earth science ANSI, or within 120m of a provincially significant wetland, provincially significant life science ANSI, significant wildlife habitat, a provincial park or conservation reserve, or a significant woodland or valleyland that is south or east of the Canadian Shield.

Content Requirements	Complete	Page#	Section#	MNR Comments	If revision requested was it completed? (include version code of report and page# where revision(s) completed)
Identifies and assesses any negative environmental effects on the natural feature, provincial park or conservation reserve	4	11-14	4	4 .1.1 I assume there is a typo in the 5 th paragraph Also on pg 12 in the 3 rd paragraph from the bottom. Is there tile drainage in the agricultural field?	
Identifies mitigation measures in respect of any negative environmental effects	4	11-12	4.1.1		
Describes how the ENVIRONMENTAL EFFEC including a description of:	TS MONIT	ORING P	LAN (part of t	Describes how the ENVIRONMENTAL EFFECTS MONITORING PLAN (part of the design and operations report) addresses any negative environmental effects, including a description of:	re environmental effects,
 performance objectives in respect of the negative environmental effects, 	4	17	Table 5.1		
ii. mitigation measures to assist in achieving the performance objectives,	•	17	Table 5.1		
iii. a program for monitoring negative environmental effects for the duration of the time that the project is engaged in, including a contingency plan to be implemented if any mitigation measures fail.	\$	17	Table 5.1		
Describes how the CONSTRUCTION PLAN REPORT addresses any negative environmental effects, including a description of:	PORT ad	dresses ar	ny negative e	nvironmental effects, including a description of:	
 any negative environmental effects that may result from construction or installation activities on the feature, 	4	14-15	6	Separate Construction Plan Report.	
ii. mitigation measures in respect of any negative environmental effects.	*	14-15 17	6 Table 5.1		

Envirc Study	Evaluation of Significan not been	nce (for fe evaluate		at have	Site Ir	Recor	
Environmental Impact Study	Wildlife Habitat	Valleylands (south and east of Canadian Shield)	Woodlands (south and east of Canadian Shield)	Wetlands (southern, northern and coastal)	Site Investigation	Records Review	Natural Heritage Assessment
 Draft Natural Heritage Assessment Guide for Renewable Energy Projects <u>Natural Heritage Reference Manual 2nd ed.</u> Specific guides: Bat and Bird Guides; <u>Significant Wildlife Decision Support System</u> Provincial Parks: Contact <u>Ontario Parks</u> Conservation Reserves: Contact <u>MNR District Offices</u> 	 Draft Natural Heritage Assessment Guide for Renewable Energy Projects <u>Ecological Land Classification or Forest Ecological Classification</u> <u>Terrestrial and Wetland Ecosites of Northwestern Ontario</u> <u>Significant Wildlife Habitat Technical Guide (2000 version).</u> <u>Draft addendum to the SWHTG and Ecoregion criteria schedules:</u> <u>Natural Heritage Reference Manual 2nd ed.</u> <u>Oak Ridges Moraine technical series paper on SWH.</u> Draft <u>Bat and Bat Habitats Guidelines for Wind Power Projects (2010)</u> Draft Bird and Bird Habitats Guidelines for Wind Power Projects (2010, pending approval) 	 Draft Natural Heritage Assessment Guide for Renewable Energy Projects <u>Natural Heritage Reference Manual 2nd ed.</u> 	 Draft Natural Heritage Assessment Guide for Renewable Energy Projects <u>Natural Heritage Reference Manual 2nd ed.</u> 	 <u>Ontario Wetland Evaluation System Southern Manual</u> (for wetlands in Ecoregions 6E and 7E) <u>Ontario Wetland Evaluation System Northern Manual</u> (Ecoregions north of 6E) Coastal wetlands included in the southern and northern manuals 	 Draft Natural Heritage Assessment Guide for Renewable Energy Projects <u>Ecological Land Classification for Southern Ontario</u> Valleylands - <u>Adaptive Management of Stream Corridors in Ontario including Natural Hazards Technical Guides, and</u> Understanding Natural Hazards; <u>Conservation Authorities</u> Woodlands - <u>Oak Ridges Moraine Conservation Plan Technical Paper Series #7</u>; Wildlife Habitat - <u>Significant Wildlife Habitat Technical Guide & Appendices; Bat and Bat Habitats Guidelines for Wind Power Projects (2010, pending approval)</u> ANSI - <u>MNR District Offices</u> Natural features in provincial plan areas - <u>Oak Ridges Moraine Conservation Plan Technical Paper Series #1</u> 	 Draft Natural Heritage Assessment Guide for Renewable Energy Projects 	tural Heritage Procedures

McRae, Elizabeth

From: Sent: To: Subject: Attachments: Telford, Jennifer (MNR) [jennifer.telford@ontario.ca] Friday, December 02, 2011 11:34 AM Male, Sean Long Lake Comments NHAReviewLongLakeSolar_AD_TC_LF.doc

Hi Sean,

I've attached a template the regional office uses for NHAs that have our comments for the Long Lake project. Our Bio is still working on this and hopes to have his comments ready by Monday. When I do receive his comments I will forward them on to you. I thought I'd send the other comments now to give you something to start with.

If you have questions I will be in all of next week.

Thanks, Jenn

Jennifer Telford District Planner

Ministry of Natural Resources, Cochrane District Phone (705) 272-7130 Fax (705)272-7183 jennifer.telford@ontario.ca Review Notes on Long Lake Solar project Draft Natural Heritage Environment Impact

Dec 5th, 2011.

- The evaluated wetland scored 586 points; 192 Biological, 98 Social, 185 hydrological, 111 Special Features. For reasons outlined in Angela de Geus' review (NHA Review Checklist) of the evaluation we believe the associated wetland complex may be provincially significant according to the NOWES. Revisions to the WE may be required. *This could include additional plant inventory during the growing season on project elements on Crown land eg transmission line corridor.*
- Development can still proceed within feature if EIS adequately addresses impacts. Table 2: Pg 8 Natural Heritage Assessment Guide for Renewable Energy Projects.
- Project footprint is on private land already disturbed.
- Proposed setbacks from Smith Creek wetland community and wildlife movement corridor are acceptable.
- Proposed dust mitigation is acceptable.
- Proposed grading of land should not affect surface runoff quantity or quality. Grubbing and grading should be kept to a minimum.
- Disturbed soils will be prevented from entering waterbodies.

Recommendation: Accept Site Investigations Report, EIS and Records Review documents. Request Angela's comments on the OWE be addressed.

Chris Chenier Dec 5th, 2011.

McRae, Elizabeth

From:	Telford, Jennifer (MNR) [jennifer.telford@ontario.ca]
Sent:	Tuesday, December 06, 2011 10:41 AM
To:	Male, Sean
Subject:	Long Lake NHA Comments
Attachments:	Review Notes on Long Lake Solar project Draft Natural Heritage Environment Impact (2).doc
Follow Up Flag:	Follow up
Flag Status:	Completed
Categories:	Northland

Hi Sean,

Here are the biologist's comments on Long Lake.

Thanks,

Jennifer Telford District Planner

Ministry of Natural Resources, Cochrane District Phone (705) 272-7130 Fax (705)272-7183 jennifer.telford@ontario.ca Review Notes on Long Lake Solar project Draft Natural Heritage Environment Impact

Dec 5th, 2011.

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- Disturbed soils will be prevented from entering waterbodies.

Recommendation: Accept Site Investigations Report, EIS and Records Review documents. Request Angela's comments on the OWE be addressed.

Chris Chenier Dec 5th, 2011.

McRae, Elizabeth

From:	Telford, Jennifer (MNR) [jennifer.telford@ontario.ca]
Sent:	Friday, December 16, 2011 2:06 PM
То:	Male, Sean
Subject:	More comments for Long Lake

Hi Sean,

Here is the clarification on the comments you asked about:

1 It seems like the consultant went out and did the site surveys to determine if habitat was present based on the species they saw in the site investigations instead of determining what habitat was present and applying it to the species matrix to determine what species were possible.

The species matrix in is reference to Appendix G of the SWHTG.

2 Is there SWH outside of the project area where a 120 buffer would extend into the project area?

It is Important to extend surveys beyond the 120m should the project design change. This could prevent the need for additional studies. Also, some natural features may be located outside of the 120m study area but their habitat/buffer may extend into the study area.

3 All species of conservation concern that could potentially occur in the project location or 120 m of the project location should be identified in the records review and carried forward into the Site Investigation.

During the records review the exercise is to go through the SWH technical guide to determine what is potentially occurring. Anything that is potentially occurring (candidate) needs further investigation and is therefore carried forward to the site investigation. SAR species that are threatened or endangered are not to be discussed in the NHA. I don't have a specific list without going through Appendix G of the SWHTG in detail; that would be the list to start with. It doesn't look like any vegetation species (Appendix G – Table G-5 of the SWHTG) were considered.

Here are additional comments our regional bio has sent to me in recent days:

- Site investigation, Appendix B talks about using FEC and ELC to classify upland vegetation but the information doesn't seem to be presented in the report
- Site investigation, Appendix B indicates that the locations of the amphibian call stations are shown on the vegetation map in Appendix II but there doesn't seem to be one.
- The breeding bird surveys refer to polygons a map should be included
- The nocturnal bird surveys refer to stations a map should be included
- Evening Bird Surveys were done following a standard for species such as whip-poor-will however weather conditions during the evening bird surveys indicate that there was 100% cloud cover and light rain. Therefore, the moon would not be visible; which is a requirement for whip-poor-will surveys.
- Site investigation, Appendix B has a table of Species Observed Area Sensitive Species that were observed are not all included in section 4.2.2 (American bittern, American redstart, woodpecker sp.). Also, I think snapping turtle was included in the table in error.

We will have more comments to come about the wetland review so I have to thank you for your patience as we work through our review.

Jenn

Phone (705) 272-7130 Fax (705)272-7183 jennifer.telford@ontario.ca

McRae, Elizabeth

From: Sent:	Telford, Jennifer (MNR) [jennifer.telford@ontario.ca] Tuesday, January 24, 2012 1:44 PM
То:	Male, Sean
Cc:	Chenier, Chris (MNR)
Subject:	Long Lake Project Comments

Hi Sean,

As a result of having a certified OWES evaluator review the Long Lake Solar Project Cochrane District has some specific comments to be addressed for the Evaluation of Significance and Environmental Impact Study. We want to address these comments as the Wetland Evaluation will be filed and used in the future. Rationale and documentation for how the evaluation has been done will be important for future use of the evaluation.

- 1. Wetland mapping is missing flow lines and direction. The small wetland units (WET-004 to WET-008) appear "isolated" on the map provided because the intermittent flows are not shown. These units have been scored as palustrine, and they do appear to be connected to the nearby stream and to each other by intermittent streams or swales. This is covered in the manual here:
 - a. In some cases, consideration of contour lines on a topographic map may help to delimit types from each other. Always document the direction of flow or absence of water in drains, creeks, inflows and outflows in the wetland and in its immediate periphery while in the field. This information on directions and amounts of flow should be entered on the wetland map. (page 33 4th paragraph of the Northern OWES Manual)
- Defining the wetland complex Evaluations must include documentation of the rationale for complexing wetlands together. The Long Lake evaluation doesn't include an explanation of how the outside boundary of the complex was determined and what units are included within it.
- Regionally significant birds Some observations of regionally significant birds appeared in some of the field work but were not scored in the evaluation. A review of the field work records is necessary to see whether the birds meet the criteria to receive scoring under 4.1.2.3. Appendix B of the Site Investigation Report identifies Sandhill Crane, Vesper Sparrow and Connecticut Warbler. These birds are considered regionally significant in Site Region 3E.
 - a. For a species to score as regionally or locally significant there must be evidence of breeding or feeding during the breeding season, or repeat observations of use in at least two different years within a 10 year period during migration (page 90, last paragraph).
- 4. Waterfowl staging and/or moulting (and breeding) –District knowledge of this wetland suggests it could also receive points under for staging and moulting under 4.2.3 (and we didn't talk about it over the phone but perhaps also waterfowl breeding under 4.2.4). You can give it 10 points for staging and 10 for moulting if it is "known to occur" (doesn't matter how many birds stage or moult there, but include documentation such as observation by district staff). You may also want to consider whether you can give the wetland 10 points for waterfowl breeding the threshold there is just "habitat suitable" (and if you've seen even just one pair nesting than it is!).
 - a. See pages 94-5
- 5. Vegetation communities It looks like there was some confusion over scoring. When scoring 1.2.2 you only tally the number of communities with specific vegetation forms (not the number of times they occurred within the wetland, even if they might have different dominant species in different parts of the wetland).
 - a. Pages 40-45 are helpful here, Appendix 1 may help too
 - b. Each community is scored only once regardless of how many times it occurs in the wetland and regardless of whether the dominant species are different in different parts of the wetland. (page 41, 3rd paragraph).

These with our previous comments will need to be addressed for the final reports.

Thanks, Jenn

Jennifer Telford District Planner

Ministry of Natural Resources, Cochrane District Phone (705) 272-7130 Fax (705)272-7183 jennifer.telford@ontario.ca Ministry of Natural Resources Cochrane District

2-4 Highway 11 Bouth P.O. Box 730 Cochrane ON POL 1C0

Telephone: 705-272-7137 Faceimile: 705-272-7183 Tol Free: 1-800-867-1940 Ministère des Richesses naturelles District de Cochrane

2-4 route 11 aud C.P. 730 Cochrane ON POL 100

Telephone : 705-272-7137 Telecopieur : 705-272-7183 Sans Italis : 1-800-667-1945



11

April 18, 2012

Mike Lord General Manager, Solar Development Northland Power Inc. 30 St. Clair Avenue West 17th Floor Toronto, Ontario, Canada M4V 3A1

Dear Mr. Lord:

RE: NHA Confirmation for Long Lake Solar Project

In accordance with the Ministry of the Environment's (MOE's) Renewable Energy Approvals (REA) Regulation (O.Reg.359/09), the Ministry of Natural Resources (MNR) has reviewed the natural heritage assessment and environmental impact study for Long Lake Solar Project in Hunta submitted by Northland Power Solar Long Lake L.P. on October 31, 2011.

In accordance with Section 28(2) and 38(2)(b) of the REA regulation, MNR provides the following confirmations following review of the natural heritage assessment:

- The MNR confirms that the determination of the existence of natural features and the boundaries of natural features was made using applicable evaluation criteria or procedures established or accepted by MNR.
- The MNR confirms that the site investigation and records review were conducted using applicable evaluation criteria or procedures established or accepted by MNR, if no natural features were identified.
- The MNR confirms that the evaluation of the significance or provincial significance of the natural features was conducted using applicable evaluation criteria or procedures established or accepted by MNR.
- The MNR confirms that the project location is not in a provincial park or conservation reserve.
- The MNR confirms that the environmental impact study report has been prepared in accordance with procedures established by the MNR.

In accordance with Section 28(3)(c) and 38(2)(c), MNR also offers the following comments in respect of the project:

Although the raptor nest identified during the site investigation (shown on the map to be in the northwest corner of the project location) was not determined to be significant wildlife habitat, the nest does have protection under the Migratory Birds Regulations (pursuant to the Migratory Birds Convention Act). Section 6 of the Migratory Birds Regulation states: "Subject to subsection 5(9), no person shall (a) disturb, destroy or take a nest, egg, nest shelter, eider duck shelter or duck box of a migratory bird, or (b) have in his possession a live migratory bird, or a carcass, skin, nest or egg of a migratory bird except under authority of a permit therefor."

The species was identified by investigators as Red-Tailed Hawk and therefore is a migratory bird and is protected under the Migratory Birds Convention Act. Section 26.2 of the Migratory Birds Regulations speaks to permits for the removal of nests. MNR Cochrane District urges you to contact the appropriate Federal agency for permits and approvals under the Migratory Birds Convention Act.

This confirmation letter is valid for the project as proposed in the natural heritage assessment and environmental impact study, including those sections describing the Environmental Effects Monitoring Plan and Construction Plan Report. Should any changes be made to the proposed project that would alter the NHA, MNR may need to undertake additional review of the NHA.

Where specific commitments have been made by the applicant in the NHA with respect to project design, construction, rehabilitation, operation, mitigation, or monitoring, MNR expects that these commitments will be considered in MOE's Renewable Energy Approval decision and, if approved, be implemented by the applicant.

In accordance with S.12 (1) of the Renewable Energy Approvals Regulation, this letter must be included as part of your application submitted to the MOE for a Renewable Energy Approval.

Please be aware that your project may be subject to additional legislative approvals as outlined in the Ministry of Natural Resources' Approvals and Permitting Requirements Document. These approvals are required prior to the construction of your renewable energy facility.

If you wish to discuss any part of this confirmation or additional comments provided, please contact Jennifer Telford at 705-272-7130.

Yours sincerely,

Roger[®]P. Roy A/District Manager Cochrane District - OMNR

÷.

cc. Jim Beal, Renewable Energy Provincial Field Program Coordinator, Regional Operations Division, MNR

k

Narren Santos, Environmental Assessment and Approvals Branch, MOE

Ministry of Tourism and Culture

Culture Programs Unit Programs and Services Branch 401 Bay Street, Suite 1700 Toronto, ON M7A 0A7 Telephone: (416)-314-7691 Facsimile: (416)-314-7175 Email : Ian.Hember@ontario.ca

December 8, 2010

Tom Hockin Northland Power Inc. 30 St. Clair Avenue West 17th Floor Toronto, ON M4V 3A1

Ministère du Tourisme et de la Culture

Unité des programmes culturels Direction des programmes et des services 401 Rue Bay, Suite 1700 Toronto, ON M7A 0A7 Téléphone: (416)-314-7691 Télécopieur: 416-314-7175 Email : lan.Hember@ontario.ca



RE: Long Lake Solar Project, Part Lots 2 & 3, Concession 8, Township of Calder, District of Cochrane, Ontario. FIT-FE8GSGA. MTC File HD00541. PIF P007-280-2010

Dear Proponent:

This letter constitutes the Ministry of Tourism and Culture's written comments as required by s. 22(3)(a) of O. Reg. 359/09 under the *Environmental Protection Act* regarding archaeological assessments undertaken for the above project.

Based on the information contained in the report(s) you have submitted for this project, the Ministry believes the archaeological assessment complies with the *Ontario Heritage Act's* licensing requirements, including the licence terms and conditions and the Ministry's 1993 Archaeological Assessment Technical Guidelines. Please note that the Ministry makes no representation or warranty as to the completeness, accuracy or quality of the Report(s).*

The report(s) recommends the following:

- That project re-design to avoid impacts to the vicinity of Findspot 1 be discussed with the proponent; and
- That the remaining project lands be released from further heritage concerns.

If avoidance is not possible, then it is recommended that:

- Findspot 1 be subjected to Stage 3 archaeological assessment
- All project work crews, contractors, and subcontractors should be made aware of the findspot
- No construction should take place within 50m of the artifact scatter until the archaeological resource has been mitigated

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48 (1) of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of the site

immediately and engage a licenced (sic) consultant archaeologist to carry out archaeological fieldwork in compliance with Section 48(1) of the Ontario Heritage Act. This condition provides for the potential for deeply buried or enigmatic local sites not typically identified in evaluations of potential.

The Cemeteries Act requires that any person discovering human remains must immediately notify the police or coroner and the Registrar of Cemeteries, Ministry of Small Business and Consumer Services. All work in the vicinity of the discovery will be suspended immediately. Other government staff may be contacted as appropriate, however, media contact should not be made in regard to the discovery.

Archaeological sites recommended for further archaeological fieldwork or protection remain subject to Section 48(1) of the Ontario Heritage Act, and may not be altered, or have artifacts removed, except by a person holding an archaeological licence.

The Ministry is satisfied with these recommendations.

This letter does not waive any requirements which you may have under the Ontario *Heritage Act*. A separate letter addressing archaeological licensing obligations under the Act will be sent to the archaeologist who completed the assessment and will be copied to you.

This letter does not constitute approval of the renewable energy project. Approvals of the project may be required under other statutes and regulations. It is your responsibility to obtain any necessary approvals or licences.

Please feel free to contact me if you have questions or require additional information.

Sincerely,

Archaeology Review Officer

c. Paul Racher, Archaeological Research Associates Kimberly Arnold, Hatch, Ltd

^{*}In no way will the Ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the

Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.



Appendix G Correspondence with Municipalities





June 1, 2011

Jean Pierre Ouellette, CAO, Town of Cochrane 171 4th Avenue Cochrane, ON POL 1C0

Subject: Notice of a Proposal and Notice of Public Meeting - Northland Power -Long Lake Solar Project

Northland Power is proposing to construct a solar project in the unorganized township of Calder, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. The Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09 as amended by Ontario Regulation 521/10. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and we would like to invite you to the upcoming Public Consultation Meeting. Please find attached a "Notice of a Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 2, 2011 and Thursday June 9, 2011. The Public Meeting will provide the public with an opportunity to learn more about the Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, a draft "Project Description Report" and associated information pertaining to the Project and about Northland Power can be found online at: northlandpower.ca/longlake. As well, hardcopies are available at the Driftwood Truck Stop, (intersection of Highway 655 and Highway 11) Lot 16, Concession 6, Calder, Driftwood, Ontario. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator SM:srg Attachment: Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project





June 23, 2011

Jean Pierre Ouellette, CAO, Town of Cochrane 171 4th Avenue Cochrane, ON P0L 1C0

Subject: Notice of Change in Public Meeting Date -Updated Draft Project Description Report for Public Review -Long Lake Solar Project

Northland Power is proposing to construct a solar project in the unorganized township of Calder, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. The Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09 as amended by Ontario Regulation 521/10. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

As previously notified in a letter dated, May 31, 2011, Northland Power is undertaking a public consultation program in support of the Projects. Due to a change in Project location, the previously notified date of Tuesday July 5, 2011 for the first Public Meeting is to be rescheduled to Wednesday July 27, 2011. We apologize for any inconvenience. Please find attached a "Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 23, 2011 and Thursday June 30, 2011.

In accordance with Section 16 (3) of Ontario Reg. 359/09, an updated draft "Project Description Report" and associated information pertaining to the Project and about Northland Power can be found online at: northlandpower.ca/longlake. As well, updated hardcopies are available at the Driftwood Truck Stop, (intersection of Highway 655 and Highway 11) Lot 16, Concession 6, Calder, Driftwood, Ontario. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator SM:srg Attachment: Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project





May 24, 2012

Jean Pierre Ouellette, CAO, Town of Cochrane 171 4th Avenue Cochrane, ON P0L 1C0

Subject: Notice of Public Meeting and Renewable Energy Approvals Documents -Long Lake Solar Project

As you are aware, Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled the Long Lake Solar Project. Northland has commenced with the Renewable Energy Approval (REA) process, as required, and described in Ontario Regulation 359/09 under the *Environmental Protection Act*. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and has planned a public meeting on Tuesday, August 21, 2012, as outlined in the enclosed Notice of Public Meeting. This Notice will also be published in *Cochrane Times Post* on Thursday, May 24, 2012 and Thursday, July 26, 2012. The Public Meeting will provide the public with an opportunity to learn more about the Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, draft supporting documents, including the Project Description Report, Executive Summary, Design and Operations Report, Construction Plan Report, Decommissioning Plan Report, Noise Assessment Report, Stage 1 and 2 Archaeological Assessment Report, Natural Heritage Assessment Reports and Water Body Assessment Reports, are to follow and will be made available by Thursday, June 21, 2012 at the Hunta Mennonite Church (please contact Robert Landis at 705-272-6306 for a viewing) or on-line at northlandpower.ca/longlake. We would appreciate any comments, queries or information you may have that are relevant to the proposed Projects.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Sincerely,

Sean K. Male, M.Sc. REA Coordinator SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Long Lake Solar Project,

cc: Tom Hockin, Northland Power Carol-Ann Fletcher, Northland Power





September 18, 2012

Richard Vallée, Building and Planning Town of Cochrane 171 4th Avenue Cochrane, ON P0L 1C0

Dear Mr. Vallée:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

Northland Power is proposing to construct four solar projects in northeastern Ontario; three in the Town of Cochrane, just southeast of the community of Genier, and a fourth near the community of Hunta. The proposed projects are named the Abitibi Solar Project, the Empire Solar Project, the Martin's Meadows Solar Project and the Long Lake Solar Project (the "Projects") and will each have an installed nominal capacity of 10 MW. A 115 kV transmission line will connect these Projects to the provincial electricity distribution network. These Projects require a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act*.

Northland Power is continuing a public consultation program in support of the Projects and has planned a public meeting on Thursday October 4, 2012, as outlined in the enclosed Notice of Public Meeting. This Notice will also be published in *Cochrane Times Post* on Thursday September 20, 2012, and Thursday September 27, 2012. The Public Meeting is being held to provide further information on the proposed 115 kV transmission line associated with the Projects.

As you may be aware, copies of the draft supporting documents were made available on June 21, 2012, at:

- the Town of Cochrane municipal office
- the Hunta Mennonite Church (please contact Robert Landis at 705-272-6306 for a viewing)
- online at the Project websites:
 - northlandpower.ca/abitibi
 - northlandpower.ca/empire
 - northlandpower.ca/martinsmeadows
 - northlandpower.ca/longlake





We would appreciate any comments, queries or information you may have that are relevant to the proposed Projects.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Sincerely,

5-11

Sean K. Male SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake





Evelyn Schier Secretary-Treasurer Hunta Local Roads Board c/o Heavener's Variety 249 5th Street Cochrane, ON POL 1CO

Dear Mrs. Schier:

Subject: Notice of a Proposal and Notice of Public Meeting -Draft Project Description Report for Public Review -Northland Power - Long Lake Solar Project

Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled Long Lake Solar Project. Northland is commencing with the Renewable Energy Approval (REA) process as required and described in Ontario Regulation 359/09 as amended by Ontario Regulation 521/10 under the *Environmental Protection Act*. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project, and we are providing the attached document to commence this consultation. As discussed, please find enclosed a copy of the Draft "Project Description Report" for the proposed Project. The Project Description Report provides a summary of the proposed Project's design and of the preliminary findings of the environmental and associated studies.

Also, please find attached a copy of the "Notice of a Proposal by Northland Power to Engage in a Renewable Energy Project and Notice of Public Meeting". This Notice will be published in the *Cochrane Times Post* on June 2, 2011 and June 9, 2011.

The Draft Project Description Report and further information about this Project and about Northland Power can also be found on-line at: www.northlandpower.ca/longlake.

If you have any questions, please do not hesitate to contact the undersigned at 905-374-5200 or smale@hatch.ca.

Yours truly,

Sean Male, M.Sc. REA Coordinator SKM:mg

Attachments: Notice of a Proposal/Notice of Public Meeting : Long Lake Solar Project Project Description Report: Long Lake Solar Project





Steven Pomerleau Driftwood Truck Stop (intersection of Highway 655 and Highway 11) Lot 16, Concession 6, Calder, Driftwood, ON POL 1E0

Dear Mr. Pomerleau:

Subject: Notice of a Proposal and Notice of Public Meeting -Draft Project Description Report for Public Review -Northland Power - Long Lake Solar Project

Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled Long Lake Solar Project. Northland is commencing with the Renewable Energy Approval (REA) process as required and described in Ontario Regulation 359/09 as amended by Ontario Regulation 521/10 under the *Environmental Protection Act*. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project, and we are providing the attached document to commence this consultation. As discussed, please find enclosed a copy of the Draft "Project Description Report" for the proposed Project. The Project Description Report provides a summary of the proposed Project's design and of the preliminary findings of the environmental and associated studies. In accordance with the Ministry of Environment (MOE)'s requirements, can you please ensure that this report is available for public review within your business. If you are unable to make these reports available for public review, please notify us, so we can make alternate arrangements. Again, thank you for your participation.

Also, please find attached a copy of the "Notice of a Proposal by Northland Power to Engage in a Renewable Energy Project and Notice of Public Meeting". This Notice will be published in the *Cochrane Times Post* on June 2, 2011 and June 9, 2011. If possible, could you display this ad within your business.

The Draft Project Description Report and further information about these Projects and about Northland Power can also be found on-line at: www.northlandpower.ca/longlake.

If you have any questions, please do not hesitate to contact the undersigned at 905-374-5200 or <u>smale@hatch.ca</u>.

Yours truly,

Sean Male, M.Sc. REA Coordinator SKM:mg Attachments: Notice of a Proposal/Notice of Public Meeting : Long Lake Solar Project Project Description Report: Long Lake Solar Project





June 1, 2011

Evelyn Schier, Secretary-Treasurer Hunta Local Roads Board General Delivery Hunta, On POL 1P0

Subject: Notice of a Proposal and Notice of Public Meeting - Northland Power -Long Lake Solar Project

Northland Power is proposing to construct a solar project in the unorganized township of Calder, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. The Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09 as amended by Ontario Regulation 521/10. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and we would like to invite you to the upcoming Public Consultation Meeting. Please find attached a "Notice of a Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 2, 2011 and Thursday June 9, 2011. The Public Meeting will provide the public with an opportunity to learn more about the Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, a draft "Project Description Report" and associated information pertaining to the Project and about Northland Power can be found online at: northlandpower.ca/longlake. As well, hardcopies are available at the Driftwood Truck Stop, (intersection of Highway 655 and Highway 11) Lot 16, Concession 6, Calder, Driftwood, Ontario. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator SM:srg Attachment: Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project cc: Mike Lord, Northland Power Tom Hockin, Northland Power





June 20, 2011

Evelyn Schier Secretary-Treasurer Hunta Local Roads Board c/o Heavener's Variety 249 5th Street Cochrane, ON POL 1CO

Dear Mrs. Schier:

Subject: Notice of Change in Public Meeting Date -Updated Draft Project Description Report for Public Review -Northland Power - Long Lake Solar Project

Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled Long Lake Solar Project. Northland is commencing with the Renewable Energy Approval (REA) process as required and described in Ontario Regulation 359/09 as amended by Ontario Regulation 521/10 under the *Environmental Protection Act*. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

As previously notified in a letter dated, May 31, 2011, Northland Power is undertaking a public consultation program in support of the Projects. Due to a change in Project location, the previously notified date of Tuesday July 5, 2011 for the first Public Meeting is to be rescheduled to Wednesday July 27, 2011. We apologize for any inconvenience. Please find attached a "Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 23, 2011 and Thursday June 30, 2011.

Enclosed is an updated copy of the Draft "Project Description Report" for the proposed Project. The Project Description Report provides a summary of the proposed Project's design and of the preliminary findings of the environmental and associated studies. In accordance with the Ministry of Environment (MOE)'s requirements, this document is provided to the Hunta Local Roads Board for review.

The updated Draft Project Description Report and further information about the Project and about Northland Power can also be found online at: www.northlandpower.ca/longlake.

If you have any questions, please do not hesitate to contact the undersigned at 905-374-5200 or <u>smale@hatch.ca</u>.

Yours truly,

Sean Male, M.Sc. REA Coordinator SKM:mg

Attachments: Notice of a Proposal/Notice of Public Meeting : Long Lake Solar Project





June 20, 2011

Steven Pomerleau Driftwood Truck Stop (intersection of Highway 655 and Highway 11) Lot 16, Concession 6, Calder, Driftwood, ON POL 1E0

Dear Mr. Pomerleau:

Subject: Notice of Change in Public Meeting Date -Updated Draft Project Description Report for Public Review -Northland Power - Long Lake Solar Project

Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled Long Lake Solar Project. Northland is commencing with the Renewable Energy Approval (REA) process as required and described in Ontario Regulation 359/09 as amended by Ontario Regulation 521/10 under the *Environmental Protection Act*. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

As previously notified in a letter dated, May 31, 2011, Northland Power is undertaking a public consultation program in support of the Projects. Due to a change in Project location, the previously notified date of Tuesday July 5, 2011 for the first Public Meeting is to be rescheduled to Wednesday July 27, 2011. We apologize for any inconvenience. Please find attached a "Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 23, 2011 and Thursday June 30, 2011. If you could display this notification in place of the previously updated Notice of Public Meeting, sent with a letter dated June 8, 2011, that would be great. Again, thank you for all your help.

Enclosed is an updated copy of the Draft "Project Description Report" for the proposed Project. The Project Description Report provides a summary of the proposed Project's design and of the preliminary findings of the environmental and associated studies. In accordance with the Ministry of Environment (MOE)'s requirements, can you please ensure that this report is available for public review. If you are unable to make these reports available for public review, please notify us, so we can make alternate arrangements.

If you have any questions, please do not hesitate to contact the undersigned at 905-374-5200 or smale@hatch.ca.

Yours truly,

Sean Male, M.Sc. REA Coordinator SKM:mg Attachments: Notice of a Proposal/Notice of Public Meeting : Long Lake Solar Project





June 23, 2011

Evelyn Schier, Secretary-Treasurer, Hunta Local Roads Board General Delivery Hunta, On POL 1PO

Subject: Notice of Change in Public Meeting Date -Updated Draft Project Description Report for Public Review -Long Lake Solar Project

Northland Power is proposing to construct a solar project in the unorganized township of Calder, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. The Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09 as amended by Ontario Regulation 521/10. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

As previously notified in a letter dated, May 31, 2011, Northland Power is undertaking a public consultation program in support of the Projects. Due to a change in Project location, the previously notified date of Tuesday July 5, 2011 for the first Public Meeting is to be rescheduled to Wednesday July 27, 2011. We apologize for any inconvenience. Please find attached a "Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 23, 2011 and Thursday June 30, 2011.

In accordance with Section 16 (3) of Ontario Reg. 359/09, an updated draft "Project Description Report" and associated information pertaining to the Project and about Northland Power can be found online at: northlandpower.ca/longlake. As well, updated hardcopies are available at the Driftwood Truck Stop, (intersection of Highway 655 and Highway 11) Lot 16, Concession 6, Calder, Driftwood, Ontario. We would appreciate any comments, queries or information you may have that are relevant to the proposed Project.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Yours truly,

Sean Male, M.Sc. REA Coordinator SM:srg Attachment: Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project





May 11, 2012

Evelyn Schier, Secretary Treasurer Hunta Local Roads Board c/o Heaverner's Variety 249 5th Street Cochrane, On P0L 1C0

Dear Mrs.Schier

Subject: Long Lake Solar Project - REA Reports for Review

As you are aware, Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled Long Lake Solar Project. Northland has commenced with the Renewable Energy Approval (REA) process, as required, and described in Ontario Regulation 359/09 under the *Environmental Protection Act.* Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Enclosed are copies of the complete set of REA documents, including Executive Summary, Project Description Report, Construction Plan Report, Design and Operation Report, Decommissioning Plan Report, Natural Heritage Assessment Reports, Water Body Assessment Reports, Stage 1 and 2 Archaeological Assessment Report and Noise Assessment Report, as well as the Municipal Consultation Form. In accordance with the Ministry of Environment (MOE)'s requirements, these document are provided to the Hunta Local Roads Board for review. We request that you provide any comments you may have and provide the completed Municipal Consultation Form, previously provided, by the end of the 90-day review period.

A public meeting is also to occur in the future, for which you will receive additional notification.

If you have any questions, please do not hesitate to contact the undersigned at 905-374-5200 or <u>smale@hatch.ca</u>.

Yours faithfully,

5_ lh

Sean Male - REA Coordinator SM:mg Attachment(s)/Enclosure Draft Project Description Report – Long Lake Solar Project Draft Construction Plan Report – Long Lake Solar Project Draft Design and Operations Report – Long Lake Solar Project



H334844-0000-90-218-0141



Evelyn Schier, Secretary Treasurer Hunta Local Roads Board May 11, 2012

Draft Decommissioning Plan Report – Long Lake Solar Project Stage 1 and 2 Archaeological Assessment Report – Long Lake Solar Project Draft Natural Heritage Assessment Reports – Long Lake Solar Project Draft Water Body Assessment Reports – Long Lake Solar Project Draft Noise Assessment Report – Long Lake Solar Project Draft Executive Summary – Long Lake Solar Project Municipal Consultation Form – Long Lake Solar Project

cc: Mike Lord, Northland Power Carol-Ann Fletcher, Northland Power





May 24, 2012

Evelyn Schier, Secretary-Treasurer, Hunta Local Roads Board General Delivery Hunta, ON P0L 1P0

Subject: Notice of Public Meeting and Renewable Energy Approvals Documents -Long Lake Solar Project

As you are aware, Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled the Long Lake Solar Project. Northland has commenced with the Renewable Energy Approval (REA) process, as required, and described in Ontario Regulation 359/09 under the *Environmental Protection Act*. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and has planned a public meeting on Tuesday, August 21, 2012, as outlined in the enclosed Notice of Public Meeting. This Notice will also be published in *Cochrane Times Post* on Thursday, May 24, 2012 and Thursday, July 26, 2012. The Public Meeting will provide the public with an opportunity to learn more about the Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, draft supporting documents, including the Project Description Report, Executive Summary, Design and Operations Report, Construction Plan Report, Decommissioning Plan Report, Noise Assessment Report, Stage 1 and 2 Archaeological Assessment Report, Natural Heritage Assessment Reports and Water Body Assessment Reports, are to follow and will be made available by Thursday, June 21, 2012 at the Hunta Mennonite Church (please contact Robert Landis at 705-272-6306 for a viewing) or on-line at northlandpower.ca/longlake. We would appreciate any comments, queries or information you may have that are relevant to the proposed Projects.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Sincerely,

Sean K. Male, M.Sc. REA Coordinator SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Long Lake Solar Project,

cc: Tom Hockin, Northland Power Carol-Ann Fletcher, Northland Power



McRae, Elizabeth

From:Male, SeanSent:Tuesday, June 05, 2012 11:40 PMTo:'Evelyn Shier'Cc:'Tom Hockin'; Carol-Ann Fletcher; 334844Subject:RE: public meeting

Hi Evelyn,

Thank you for your comment. We can certainly accommodate that request. For the meeting in Hunta we will plan to have a presentation from 4:30 to 5, followed by a question and answer session/open house until 6:30.

Thank you,

Sean

Sean K. Male, M.Sc.

Terrestrial Ecologist, Environmental Assessment & Management Tel: +1 905 374 0701 ext. 5280 Niagara Falls, ON

From: Evelyn Shier [mailto:05shier@puc.net] Sent: Sunday, June 03, 2012 3:19 PM To: Male, Sean Subject: public meeting

Good Morning -In reference to your correspondence regarding a public meeting to be held Tuesday, August 21, 2012. The trustees of the Hunta Local Roads Board feel it would be more beneficial for your representative to do a presentation on your project followed by a question and answer portion. Would this be possible? Your comments will be appreciated. Thank you Evelyn Shier, secretary



September 18, 2012

Evelyn Schier, Secretary-Treasurer Hunta Local Roads Board c/o Heaverner's Variety 249 5th Street Cochrane, ON P0L 1C0

Dear Ms. Schier:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

Northland Power is proposing to construct four solar projects in northeastern Ontario; three in the Town of Cochrane, just southeast of the community of Genier, and a fourth near the community of Hunta. The proposed projects are named the Abitibi Solar Project, the Empire Solar Project, the Martin's Meadows Solar Project and the Long Lake Solar Project (the "Projects") and will each have an installed nominal capacity of 10 MW. A 115 kV transmission line will connect these Projects to the provincial electricity distribution network. These Projects require a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act.*

Northland Power is continuing a public consultation program in support of the Projects and has planned a public meeting on Thursday October 4, 2012, as outlined in the enclosed Notice of Public Meeting. This Notice will also be published in *Cochrane Times Post* on Thursday September 20, 2012, and Thursday September 27, 2012. The Public Meeting is being held to provide further information on the proposed 115 kV transmission line associated with the Projects.

As you may be aware, copies of the draft supporting documents were made available on June 21, 2012, at:

- the Town of Cochrane municipal office
- the Hunta Mennonite Church (please contact Robert Landis at 705-272-6306 for a viewing)
- online at the Project websites:
 - northlandpower.ca/abitibi
 - northlandpower.ca/empire
 - northlandpower.ca/martinsmeadows
 - northlandpower.ca/longlake





We would appreciate any comments, queries or information you may have that are relevant to the proposed Projects.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Sincerely,

5-11

Sean K. Male SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake



Gibson, Melissa

From:	Gibson, Melissa
Sent:	Friday, September 28, 2012 8:19 AM
То:	'05shier@puc.net'
Cc:	Male, Sean; 334844
Subject:	Municipal Consultation Form for Proposed Northland Power Solar Facilities
Attachments:	Long Lake- Municipal Consultation Form.pdf; Abitibi_ Municipal Consultation Form.pdf;
	Empire_Municipal Consultation Form.pdf; Martins Meadows_Municipal Consultation Form.pdf

Hi Evelyn,

As mentioned, please find the attached municipal consultation forms in regards to the Long Lake Solar Project, Abitibi Solar Project, Empire Solar Project and Martin's Meadow Solar Project. As was requested, please provide any comments on the proposed Projects in the municipal consultation forms. Copies of the reports are available on line at the links below:

Long Lake: http://northlandpower.ca/longlake/microsite.taf

Abitibi: http://northlandpower.ca/abitibi/microsite.taf

Empire: http://northlandpower.ca/empire/microsite.taf

Martin's Meadows: http://northlandpower.ca/martinsmeadows/microsite.taf

Thanks and please let me know if I can do anything to help, Melissa

Melissa Gibson B.Sc

Environmental Scientist/Environmental Assessment & Management



Tel: +1 905 374 0701 ext. 5385 Fax: +1 905 374 1157 4342 Queen Street, Suite 500, Niagara Falls, Ontario Canada L2E 7J7



Please consider the environment before printing this e-mail



Appendix H List of Aboriginal Communities from Ministry of the Environment



Ministry of the Env

Environmental Asses Approvals Branch

223

2 St. Clair Avenue W Floor 12A Toronto ON M4V 1L Tel: 416 314-8001

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None of the of abo You s comm asser





Appendix I Letters to Aboriginal Communities





Chief Dwight Sutherland and Council Taykwa Tagamou Nation New Post New Post 69 PO Box 3310, RR 3 Cochrane, On POL 1C0

Dear Chief and Council:

Subject: Notice of Proposal and Notice of Public Meeting - Northland Power Inc. -Long Lake Solar Project

Northland Power is proposing to construct a solar project in the district of Cochrane, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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- 1) "have or may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project, or
- 2) otherwise may be interested in any negative environmental effects of the project".

Your community was included in the MOE's list and as such you will be included in our Project's consultation program and you will be provided with the reports and summaries required by Section 17 of Ontario Reg. 359/09, as soon as they are available.

Northland Power is commencing its public consultation program in support of the Projects and we would like to invite you to the upcoming Public Consultation Meeting. Please find attached a "Notice of a Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 2, 2011 and Thursday June 9, 2011. The Public Consultation Meeting will provide all stakeholders with an opportunity to learn more about our Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Regulation 359/09 as amended by Ontario Regulation 512/10, a draft "Project Description Report" is enclosed and further information pertaining to this Project and about Northland Power can be found on-line at: www.northlandpower.ca/longlake.





Correspondence should be directed to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

 Phone:
 905-374-0701 Ext 5280

 Fax:
 905-374-1157

 Email:
 smale@hatch.ca

We thank you for your interest in this Project and look forward to your participation.

Yours truly,

Sean Male. M.Sc REA Coordinator SM:mg

Attachments:

Project Description Report Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project





Chief Murray Ray and Council Flying Post Flying Post 73 33 First Street East Nipigon, On POT 2J0

Dear Chief and Council:

Subject: Notice of Proposal and Notice of Public Meeting - Northland Power Inc. -Long Lake Solar Project

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Northern Lights Métis Council Urgil Courville, President PO Box 2690 275 Fifteenth Ave., Cochrane, On POL 1C0

Dear President:

Subject: Notice of Proposal and Notice of Public Meeting - Northland Power Inc. -Long Lake Solar Project

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Métis Nation of Ontario – Timmons 347 Spruce St. South Timmins, On P4N 2N2

To Whom It May Concern:

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Chief Dwight Sutherland and Council Taykwa Tagamou Nation c/o Town of Cochrane 171 Fourth Avenue Cochrane, On POL 1C0

Dear Chief and Council:

Subject: Notice of Change in Public Meeting Date -Updated Draft Project Description Report for Public Review -Northland Power - Long Lake Solar Project

Northland Power is proposing to construct a solar project in the district of Cochrane, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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As previously notified in a letter dated, May 31, 2011, Northland Power is undertaking a public consultation program in support of the Projects. Due to a change in Project location, the previously notified date of Tuesday July 5, 2011 for the first Public Meeting is to be rescheduled to Wednesday July 27, 2011. We apologize for any inconvenience. Please find attached a "Notice of Public Meeting", which details the time and date of the planned meeting. This Notice will also be published in *Cochrane Times Post* on Thursday June 23, 2011 and Thursday June 30, 2011.

In accordance with Section 16 (3) of Ontario Regulation 359/09 as amended by Ontario Regulation 512/10, an updated draft "Project Description Report" is enclosed and further information pertaining to this Project and about Northland Power can be found on-line at: www.northlandpower.ca/longlake.





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June 8, 2011

Chief Dwight Sutherland and Council Taykwa Tagamou Nation New Post 69 PO Box 3310, RR 3 Cochrane, On POL 1C0

Dear Chief Dwight Sutherland and Council:

Subject: Notice of Error: Correction in the Notice of Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting

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Please note, that the previous Notice of Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting as advertised in the *Cochrane Times Post* on June 2, 2011, and mailed to yourself on May 31, 2011, incorrectly identified the unorganized township in which the Project is located. The Project is located in the unorganized township of Calder. We apologize for any misunderstanding. If you have any questions please do not hesitate to contact the below:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

 Phone:
 905-374-0701 Ext 5280

 Fax:
 905-374-1157

 Email:
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We thank you for your interest in this Project and look forward to your participation.

Yours truly,

Sean Male. M.Sc REA Coordinator SM:mg

Attachments:

Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project





June 8, 2011

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Sean Male. M.Sc REA Coordinator SM:mg

Attachments:

Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project





June 8, 2011

Urgil Courville, President Northern Lights Métis Council PO Box 2690 275 Fifteenth Ave. Cochrane, On POL 1C0

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Attachments:

Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project

cc: Mike Lord, Northland Power Tom Hockin, Northland Power





June 8, 2011

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To Whom it May Concern Métis Nation of Ontario - Consultation Unit 500 Old St. Patrick St, Unit 3 Ottawa, On K1N 9G4

Subject: Notice of Error: Correction in the Notice of Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting

Northland Power is proposing to construct a solar project in the district of Cochrane, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Please note, that the previous Notice of Proposal to Engage in a Renewable Energy Project and Notice of Public Meeting as advertised in the *Cochrane Times Post* on June 2, 2011, and mailed to yourself on May 31, 2011, incorrectly identified the unorganized township in which the Project is located. The Project is located in the unorganized township of Calder. We apologize for any misunderstanding. If you have any questions please do not hesitate to contact the below:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7

Phone: 905-374-0701 Ext 5280 Fax: 905-374-1157 Email: <u>smale@hatch.ca</u>

We thank you for your interest in this Project and look forward to your participation.

Yours truly,

Sean Male. M.Sc REA Coordinator SM:mg

Attachments: Notice of a Proposal/Notice of Public Meeting: Long Lake Solar Project

cc: Mike Lord, Northland Power Tom Hockin, Northland Power





May 11, 2012

Métis Nation of Ontario – Timmons 347 Spruce St. South Timmins, On P4N 2N2

Dear Sirs:

Subject: Long Lake Solar Project - REA Documents for Review

As you are aware, Northland Power is proposing to construct a solar project in the district of Cochrane, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

As part of the REA process (Section 14 (b) O. Reg, 359/09), the Ministry of the Environment (MOE) has provided Northland Power with a list of Aboriginal communities who, in the opinion of the MOE Director:

- 1) "have or may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project, or
- 2) otherwise may be interested in any negative environmental effects of the project".

Your community was included in the MOE's list and as such you will be included in our Project's consultation program. This package provides you with the complete set of REA reports and summaries required by Section 17 of Ontario Reg. 359/09 for your consideration and review.

Additionally, please be aware that a public meeting will be planned in the future to provide information on the proposed Project. A letter and Notice of Public Meeting will be sent at a later date advising of this public meeting.

We respectfully request that your community provide (in writing) to us any information available that in your opinion, should be considered when preparing the reports required for the REA process, and in particular, any information the community may have regarding adverse impacts that this Project may have on constitutionally protected aboriginal or treaty rights, as well as any measures for mitigating those adverse impacts.



H334844-0000-90-218-0142



Addressee Company May 11, 2012

Correspondence should be directed to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701 Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

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Yours faithfully,

Sean Male - REA Coordinator SM:mg Attachment(s)/Enclosure Draft Project Description Report – Long Lake Solar Project Draft Construction Plan Report – Long Lake Solar Project Draft Design and Operations Report – Long Lake Solar Project Draft Decommissioning Plan Report – Long Lake Solar Project Stage 1 and 2 Archaeological Assessment Report – Long Lake Solar Project Draft Natural Heritage Assessment Reports – Long Lake Solar Project Draft Water Body Assessment Reports – Long Lake Solar Project Draft Noise Assessment Reports – Long Lake Solar Project Draft Executive Summary – Long Lake Solar Project

cc: Mike Lord, Northland Power Carol-Ann Fletcher, Northland Power





May 11, 2012

Chief Dwight Sutherland and Council Taykwa Tagamou Nation c/o Town of Cochrane 171 Fourth Avenue Cochrane, On POL 1C0

Dear Sirs:

Subject: Long Lake Solar Project - REA Documents for Review

As you are aware, Northland Power is proposing to construct a solar project in the district of Cochrane, northwest of the Town of Cochrane. The proposed project is named the Long Lake Solar Project (the "Project") and will have an installed nominal capacity of 10 MW. This Project requires a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

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cc: Mike Lord, Northland Power Carol-Ann Fletcher, Northland Power





May 11, 2012

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Subject: Long Lake Solar Project - REA Documents for Review

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cc: Mike Lord, Northland Power Carol-Ann Fletcher, Northland Power





May 11, 2012

Northern Lights Métis Council Urgil Courville, President 275 Fifteenth Ave. Cochrane, On P0L 1C0

Dear Sirs:

Subject: Long Lake Solar Project - REA Documents for Review

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cc: Mike Lord, Northland Power Carol-Ann Fletcher, Northland Power





May 11, 2012

Chief Murray Ray and Council Flying Post Flying Post 73 33 First Street East Nipigon, On P0T 2J0

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Subject: Long Lake Solar Project - REA Documents for Review

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cc: Mike Lord, Northland Power Carol-Ann Fletcher, Northland Power





Chief and Council Taykwa Tagamou Nation PO Box 3310, RR 3 Cochrane, ON POL 1C0

Subject: Notice of Public Meeting and Renewable Energy Approvals Documents -Long Lake Solar Project

As you are aware, Northland Power Solar Long Lake L.P. is proposing to develop a 10-MW solar photovoltaic project titled the Long Lake Solar Project. Northland has commenced with the Renewable Energy Approval (REA) process, as required, and described in Ontario Regulation 359/09 under the *Environmental Protection Act*. Northland Power has retained Hatch to assist in fulfilling the requirements of the REA process.

Northland Power is undertaking a public consultation program in support of the Project and has planned a public meeting on Tuesday August 21, 2012, as outlined in the enclosed Notice of Public Meeting. This Notice will also be published in *Cochrane Times Post* on Thursday May 24, 2012 and Thursday July 26, 2012. The Public Meeting will provide the public with an opportunity to learn more about the Project proposal and about Northland Power.

In accordance with Section 16 (3) of Ontario Reg. 359/09, draft supporting documents, including the Project Description Report, Executive Summary, Design and Operations Report, Construction Plan Report, Decommissioning Plan Report, Noise Assessment Report, Stage 1 and 2 Archaeological Assessment Report, Natural Heritage Assessment Reports and Water Body Assessment Reports, are to follow and will be made available by Thursday, June 21, 2012 at the Hunta Mennonite Church (please contact Robert Landis at 705-272-6306 for a viewing) or on-line at northlandpower.ca/longlake. We would appreciate any comments, queries or information you may have that are relevant to the proposed Projects.

Please direct any correspondence(s) to:

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Sincerely,

Sean K. Male, M.Sc. REA Coordinator SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Long Lake Solar Project





Chief and Council Flying Post P.O. Box 1027 Nipigon, ON P0T 2J0

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Attachment(s)/Enclosure Notice of Public Meeting – Long Lake Solar Project





Urgil Courville, President Northern Lights Metis Council PO Box 2690, 275 Fifteenth Ave. Cochrane, ON POL 1C0

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Attachment(s)/Enclosure Notice of Public Meeting – Long Lake Solar Project





To Whom it May Concern Métis Nation of Ontario 347 Spruce St. South Timmins ON P4N 2N2

Subject: Notice of Public Meeting and Renewable Energy Approvals Documents -Long Lake Solar Project

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Attachment(s)/Enclosure Notice of Public Meeting – Long Lake Solar Project





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Attachment(s)/Enclosure Notice of Public Meeting – Long Lake Solar Project





September 18, 2012

Chief Dwight Sutherland and Council Taykwa Tagamou Nation c/o Town of Cochrane 171 Fourth Avenue Cochrane, ON POL 1C0

Dear Chief Sutherland and Council:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

Northland Power is proposing to construct four solar projects in northeastern Ontario; three in the Town of Cochrane, just southeast of the community of Genier, and a fourth near the community of Hunta. The proposed projects are named the Abitibi Solar Project, the Empire Solar Project, the Martin's Meadows Solar Project and the Long Lake Solar Project (the "Projects") and will each have an installed nominal capacity of 10 MW. A 115 kV transmission line will connect these Projects to the provincial electricity distribution network. These Projects require a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act.*

Northland Power is continuing a public consultation program in support of the Projects and has planned a public meeting on Thursday October 4, 2012, as outlined in the enclosed Notice of Public Meeting. This Notice will also be published in *Cochrane Times Post* on Thursday September 20, 2012, and Thursday September 27, 2012. The Public Meeting is being held to provide further information on the proposed 115 kV transmission line associated with the Projects.

As you may be aware, copies of the draft supporting documents were made available on June 21, 2012, at:

- the Town of Cochrane municipal office
- the Hunta Mennonite Church (please contact Robert Landis at 705-272-6306 for a viewing)
- online at the Project websites:
 - northlandpower.ca/abitibi
 - northlandpower.ca/empire
 - northlandpower.ca/martinsmeadows
 - northlandpower.ca/longlake





We would appreciate any comments, queries or information you may have that are relevant to the proposed Projects.

Please direct any correspondence(s) to:

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Sincerely,

5 m

Sean K. Male SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake





September 18, 2012

Chief Dave Babin and Council Wahgoshig First Nation c/o Purolator Depot, Matheson Office Tanny Convenience Store 362 MacDougall St. Matheson, ON P0K 1N0

Dear Chief Babin and Council:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

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Safety • Quality • Sustainability • Innovation



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Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake





September 18, 2012

Chief Murray Ray and Council Flying Post Flying Post 73 33 First St. East Nipigon, ON POT 2J0

Dear Chief Ray and Council:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

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5 m

Sean K. Male SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake





September 18, 2012

Chief Alex Batisse and Council Matachewan First Nation Matachewan 72, Lot 72 363 Georgina St. Matachewan, ON P0K 1M0

Dear Chief Batisse and Council:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

Northland Power is proposing to construct four solar projects in northeastern Ontario; three in the Town of Cochrane, just southeast of the community of Genier, and a fourth near the community of Hunta. The proposed projects are named the Abitibi Solar Project, the Empire Solar Project, the Martin's Meadows Solar Project and the Long Lake Solar Project (the "Projects") and will each have an installed nominal capacity of 10 MW. A 115 kV transmission line will connect these Projects to the provincial electricity distribution network. These Projects require a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act.*

Northland Power is continuing a public consultation program in support of the Projects and has planned a public meeting on Thursday October 4, 2012, as outlined in the enclosed Notice of Public Meeting. This Notice will also be published in *Cochrane Times Post* on Thursday September 20, 2012, and Thursday September 27, 2012. The Public Meeting is being held to provide further information on the proposed 115 kV transmission line associated with the Projects.

As you may be aware, copies of the draft supporting documents were made available on June 21, 2012, at:

- the Town of Cochrane municipal office
- the Hunta Mennonite Church (please contact Robert Landis at 705-272-6306 for a viewing)
- online at the Project websites:
 - northlandpower.ca/abitibi
 - northlandpower.ca/empire
 - northlandpower.ca/martinsmeadows
 - northlandpower.ca/longlake



Safety • Quality • Sustainability • Innovation



We would appreciate any comments, queries or information you may have that are relevant to the proposed Projects.

Please direct any correspondence(s) to:

Sean Male, M.Sc., REA Coordinator Hatch Ltd. 4342 Queen St., Suite 500 Niagara Falls, ON, L2E 7J7 Phone: 905-374-0701, Ext 5280 Fax: 905-374-1157 Email: smale@hatch.ca

Sincerely,

5 m

Sean K. Male SKM:mg

Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake





September 18, 2012

Urgill Courville, President Northern Lights Metis Council 275 Fifteenth Ave. Cochrane, ON P0L 1C0

Dear Mr. Courville:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

Northland Power is proposing to construct four solar projects in northeastern Ontario; three in the Town of Cochrane, just southeast of the community of Genier, and a fourth near the community of Hunta. The proposed projects are named the Abitibi Solar Project, the Empire Solar Project, the Martin's Meadows Solar Project and the Long Lake Solar Project (the "Projects") and will each have an installed nominal capacity of 10 MW. A 115 kV transmission line will connect these Projects to the provincial electricity distribution network. These Projects require a Renewable Energy Approval (REA) issued in accordance with the provisions of the Ontario *Environmental Protection Act.*

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Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake





September 18, 2012

Metis Nation of Ontario – Timmins 275 Fifteenth Ave. Cochrane, ON P0L 1C0

To Whom It May Concern:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

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Sincerely,

5 m

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Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake





September 18, 2012

Metis Nation of Ontario Consultation Unit 500 Old St. Patrick St., Unit 3 Ottawa, ON K1N 9G4

To Whom It May Concern:

Subject: Notice of Public Meeting - Abitibi, Empire, Martin's Meadows and Long Lake Solar Projects

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Sincerely,

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Attachment(s)/Enclosure Notice of Public Meeting – Abitibi, Empire, Martin's Meadows and Long Lake





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ul Knowledge (TK) and Introduction to GES of GIS Training Arthur Street, Thunder Bay

nore information and to register: n@northrmgis.ca estact Jordan by phone: 807-620-6097





Interesting photos by Depty Reader

The Sevenn River fall Hunt was a big success, with 62 hunters in 31 loads beeding out from Bearskin Lake on Sept. 10. The hunters returned to Bearphin Lake on Sept. 20 with their haul, and the commuwhy spent the next here days hearting. Brandon Roos, bottom left, was one of the big winners of the hunding competition. He and his hunding partner wort Soy,oco for their hunding provens.

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Appendix J Correspondence with Aboriginal Communities



Gibson, Melissa

From:	Gibson, Melissa
Sent:	Thursday, October 04, 2012 9:15 AM
To:	'andyl@metisnation.org'
Cc:	334844 Nation of Dublic Meeting for Four Dropped Salar Facilities
Subject:	Notice of Public Meeting for Four Proposed Solar Facilities
Attachments:	Notice of Public Meeting - cover letter.pdf; Notice of Public Meeting - Northland Power.pdf

Hello Andy,

Please find attached a letter and Notice of Public Meeting for four proposed solar facilities for this evening in Cochrane. We apologize for the short notice as unfortunately our mailed letter was returned. Thanks, Melissa

Melissa Gibson B.Sc Environmental Scientist/Environmental Assessment & Management



Tel: +1 905 374 0701 ext. 5385 Fax: +1 905 374 1157 4342 Queen Street, Suite 500, Niagara Falls, Ontario Canada L2E 7J7



Please consider the environment before printing this e-mail

McRae, Elizabeth

From: Sent:	Rob Miller [Rob.Miller@Northlandpower.ca] Tuesday, September 18, 2012 10:19 PM
To:	jm_prevost@hotmail.com; ljob@taykwatagamounation.com;
	rarchibald@taykwatagamounation.com; barchibald@taykwatagamounation.com; parchibald@taykwatagamounation.com
Cc:	TimRichardson; Male, Sean
Subject:	Follow-up to Taykwa Tagamou Nation Meeting

Hello everyone,

I wanted to follow–up and say thank you for your time this morning. It was a pleasure meeting you. I hope I got Peter's e-mail correct?

Please let me know if you have any questions or comments regarding Northland's proposed 40 MW's of solar development and 22 km of associated transmission line. Sean Male from Hatch is also available to answer any questions that you may have.

The project web sites are below, which is where all of the studies and reports are contained in electronic format.

Martins Meadows	http://www.northlandpower.ca/martinsmeadows	
Abitibi	http://www.northlandpower.ca/abitibi	
Empire	http://www.northlandpower.ca/empire	
Long Lake	http://www.northlandpower.ca/longlake	

As discussed, we would be pleased to participate in a dedicated public meeting for the Taykwa Tagamou Nation. Tentatively, we're wondering if Wednesday, October 3 would work for you. We currently have 2 meetings scheduled for the general public on Thursday, October 4, one in Cochrane (5:00 to 7:00) and the other in Hunta (7:30 to 9:30).

Peter, I'm interested in speaking with you directly to determine what might be required from Northland in order to facilitate Northland's consultation and accommodation. I have a copy of TTN's protocol.

Thanks again for everyone's time today. I'm looking forward to working with you in the future.

Regards,

Rob.

Rob Miller, M.Sc., P.Eng. | Manager, Solar Development Northland Power Inc. 30 St. Clair Avenue West, 12th Floor, Toronto, ON M4V 3A1 d: 647.288.1066 | c: 416.305.1235



McRae, Elizabeth

From:	ljob@taykwatagamounation.com
Sent:	Wednesday, July 25, 2012 9:59 AM
То:	Male, Sean
Cc:	Justine Prevost; Roger Archibald; Bruce Archibald; Tina Gagnon; Peter Archibald; Tracey
	Prevost; archibaldfranc@gmail.com
Subject:	Northland Power Solar Project & TTN Protocol
Attachments:	TTN Consultation Protocol - Final January 2011_392155 (1).PDF

Hi Sean,

Following up on our brief conversation this morning, find attached Taykwa Tagamou Nation Consultation Protocol and information for Ontario Microfit program that was announced on July 12, 2012, at the following web link: <u>http://microfit.powerauthority.on.ca/who-can-apply</u>

We look forward to meeting with you and discussing aboriginal participation in the project.

Also please send us another copy of the draft support documents for the project.

Thank you.

Linda Job Chief Taykwa Tagamou Nation

Cc: TTN Council Francis Archibald, Business Development Advisor