

February 26, 2013

Ian Parrott, Acting Director,
Environmental Assessment and Approvals Branch
Ministry of the Environment
2 St. Clair Avenue, Floor 12A
Toronto, ON M4V 1L5

**Subject: Proposed Changes
Renewable Energy Approval (No. 1565-8ULQT7)
Glendale Solar Project**

Northland Power Inc. is proposing to develop and operate a 10-megawatt (MW) solar photovoltaic (Solar PV) facility on Boundary Road in the Township of South Glengarry in the United Counties of Stormont, Dundas and Glengarry. This Project is hereafter referred to as the “Glendale Solar Project” or the “Project”. The Ministry of the Environment (MOE) issued a Renewable Energy Approval (REA) for the Project (No. 1565-8ULQT7) on June 26, 2012.

Northland is currently completing detailed design of the proposed Project, and as a result of constraints with respect to available space on the Project location, are proposing to make changes to the Project location boundary along the eastern and western property boundaries, and to complete further archaeological investigations on the Project location in order to develop areas previously subject to setbacks.

This letter summarizes the proposed changes to the Project, including the rationale for each change, and identifies the amendments to each of the supporting documents prepared for the REA application to incorporate the proposed Project changes. This letter also provides an assessment of the potential for new negative effects not addressed in the initial REA supporting documentation, and an assessment of the category of amendment required.

1. Proposed Project Changes

The proposed changes are as follows:

- Project boundary along the eastern and western lot lines of the Project location will be located immediately adjacent to the property boundary (as opposed to set back 10 m as is described within the current site plan included in the Project’s Construction Plan Report)
- Northland is currently considering completing further archaeological investigations on the find spots of potential archaeological significance identified by Archaeological Research Associates within their report *Stage 1-2 Archaeological Assessment, Glendale Solar Project*. Should they be completed, these investigations would be done in order to permit these sites for development as part of the Project.

A proposed revised site plan, assuming the archaeological find spots are cleared for development, is provided in Attachment A. Should clearing of some or all of the archaeological find spots not be possible, the layout would be modified by removing panels from the current location. This change would not have any impact on the environmental effects of the project.

Table 1.1 (in Attachment B) provides a description of each proposed change, the rationale for the change, an assessment of potential for altered environmental effects and any additional mitigation or monitoring required. Overall, the proposed Project changes have negligible additional negative effects following effective implementation of mitigation measures. Other changes in site layout (e.g., solar panel locations, access roads) are not anticipated to result in any additional negative effects not discussed in the original REA application and supporting documents. There will be no changes to the locations of noise generating equipment as a result of this change.

Based on the above, the proposed changes are determined to be Project Design Change (Minor) Amendment.

2. Summary of Revisions to REA Supporting Documents

This section identifies the amendments to each of the supporting documents submitted with the original REA Application that are required to address the proposed Project changes.

The supporting documents that are amended by this letter include

- Construction Plan Report
- Design and Operations Report.

Though the location of the Project in relation to the property boundaries is changing within the site plans, all Project assessments (Natural Heritage, Waterbodies, Archaeological), considered the full extent of the property, to the property boundary. Therefore, a number of the REA supporting documents do not require revisions as a result of the proposed changes, including

- Executive Summary Report
- Project Description Report
- Decommissioning Plan Report
- Stage 1 and 2 Archaeological Assessment Report
- Noise Assessment Report
- Natural Heritage Reports
- Waterbodies Reports.

In addition to the above, Hatch has consulted with the Ministry of Tourism, Culture and Sport (MTCS) around the potential for completing a Stage 3 investigation of the potential find spots. The MTCS has indicated that a revision to the Stage 1 and 2 Archaeological Assessment reports is not required at this time (see Attachment C).

The following sections identify the amendments to each of the REA supporting documents as a result of the proposed Project changes. For each amended report, a table is provided identifying the original text,

the amended text and the original page and section of the text being amended. The tables provide the text submitted with the original REA application, the application to amend the REA and the most recent revisions in response to the currently proposed Project changes.

2.1 Construction Plan Report

Table 2.1 identifies the amendments to the Construction Plan Report, as a result of the changes discussed in this letter.

Table 2.1 Construction Plan Report Amendments

Page	Section	Original Text	Amended Text
n/a	Appendix A	Original Site Plan	See attached revised site plan (Attachment A).

2.2 Design and Operations Report

Table 2.2 identifies the amendments to the Design and Operations Report, as a result of the changes discussed in this letter.

Table 2.2 Design and Operations Report Amendments

Page	Section	Original Text	Amended Text
n/a	Appendix A	Original Site Plan	See attached revised site plan (Attachment A).

As noted previously, given that the proposed changes outlined in this letter do not result in any additional negative effects not addressed in the original REA application, it is our assessment that these proposed changes constitute a Project Design Change (Minor) Amendment.

Accordingly, we have notified via letter on February 28, 2013, the public, Aboriginal communities, agencies and the municipalities about these proposed changes. A sample notification and the mailing list used to distribute this notice are provided in Attachment D.

If you have any questions, please do not hesitate to contact me at 905-374-0701, Ext. 5280.

Yours truly,

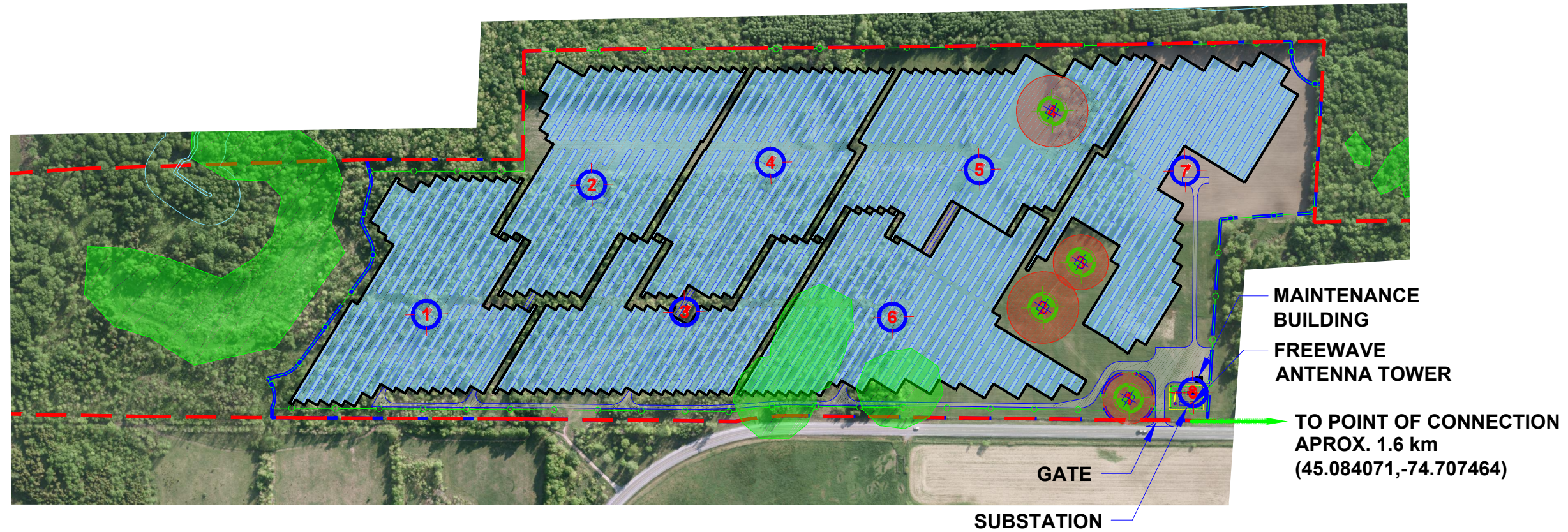


Sean Male
Environmental Coordinator
SM:mg











cc: Rob Miller, Northland Power

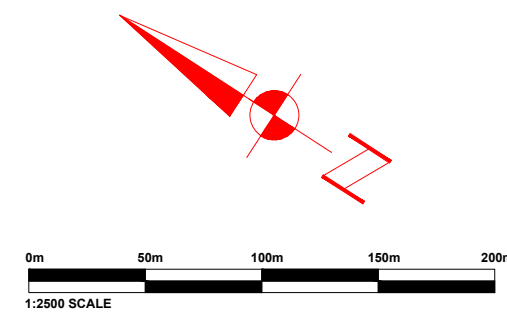
Attachment A

Revised Site Plan



LEGEND:

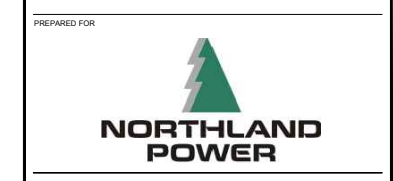
-  GRAVEL ACCESS ROAD
-  OVERHEAD 27.6 kV LINE
-  PROPERTY BOUNDARY
-  AVAILABLE AREA BOUNDARY
-  FENCE LINE
-  SOLAR BLOCK
-  AREA NOT AVAILABLE FOR CONSTRUCTION ACTIVITIES
-  ARCHAEOLOGICAL FIND SPOT
-  SEASONAL/ENVIRONMENTAL SET BACK. AVOID DURING THE BREEDING PERIOD FROM APRIL 15 TO THE END OF JULY
-  INVERTER'S TRANSFORMER & SUBSTATION'S TRANSFORMER



REVISIONS			
NO	DATE	SYMBOL	REMARKS
P0	DEC 2010		ISSUED FOR CONSTRUCTION PLAN REPORT
P1	APR 2011		GROUP 1 RELOCATED AND PROPERTY BOUNDARY REVISED
P2	JULY 2011		LAYOUT & INVERTER LOCATION CHANGED
P3	AUG 2011		P1 TO P4 INVERTERS LOCATION CHANGED
P4	NOV/24 2011		GENERAL UPDATE
P5	FEB/12 2013		REVISED BOUNDARIES & LAYOUT

STAMP	
-------	--

THIS DRAWING IS THE PROPERTY OF COGENERATION Associates Limited AND IS LOANED UPON CONDITION THAT IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO OTHERS, OR FOR ANY OTHER PURPOSE DETRIMENTAL TO THE INTEREST OF COGENERATION Associates Limited, AND WILL BE RETURNED UPON REQUEST



PROJECT
NORTHLAND POWER SOLAR GLENDALE

DRAWN BY	TIEN PHAM	VERIFIED BY	
SCALE	N.T.S.	VERIFIED BY	
DATE	DEC 2010	APPROVED BY	

PROJECT No.	
TITLE	SOLAR FARM PROJECT SITE PLAN
DRAWING No.	SP-02 (GLENDALE) Rev.P5

**PRELIMINARY LAYOUT
NOT FOR CONSTRUCTION**

Attachment B

Table 1.1

Table 1.1 Table of Proposed Changes, Rationale for Change, Altered Effects and Additional Mitigation Measures and Monitoring

Change	Change Details	Rationale for Change	Altered Effect	Additional Mitigation/Monitoring Required
Location of Project along eastern and western property boundary	In the site plan provided within the construction plan report, a 10 m setback from property boundaries was shown. Northland is revising the site plan to show works (fencing, drainage ditches) immediately adjacent to the property boundary.	In order to increase the space available for Project activities, and to protect public safety from accidental injuries on the lands available for the Project	Fenceline to be located adjacent to the property boundary. The only potential additional impact is visual. The potential visual impact is considered to be negligible given the small change in distance of 10 m, and no current residences along the eastern or western boundaries of the Project. The eastern boundary is adjacent to a wooded area, and therefore will not be visible to any nearby receptors. There is a municipal road allowance between the Project boundary and agricultural fields west of the Project location that have been identified by the landowners as a potential housing development. Northland will maintain a 5 m buffer from the municipal road allowance in this area, and will endeavour to leave existing vegetation that is not over the top of the fence. Northland will trim trees on its property, but not anything in the unopened road allowance.	None
Development within archaeological find spots 1 to 4	In order to avoid a Stage 3 survey, Northland had previously agreed to provide a 20-m setback from the archaeological find spots. Northland is considering completing the Stage 3 investigation for the purpose of using these lands for the Project.	In order to increase the space available for Project activities.	Potential impact to archaeological resources.	Stage 3 archaeological investigation would be completed in accordance with Ministry of Tourism, Culture and Sport guidelines. Any recommendations from that survey would be followed. Effective mitigation will prevent any impact to the archaeological find spots. No additional monitoring required.

Attachment C

Ontario Ministry of Tourism Culture and Sport Correspondence

Girodat, Sharon

From: Hember, Ian (MTCS) [Ian.Hember@ontario.ca]
Sent: Friday, February 01, 2013 11:08 AM
To: Male, Sean
Cc: Rob Miller; 334844
Subject: RE: Northland Power - Glendale Solar Project - MTC File No. HD00503, PIF No. P007-245-2010

Hi Sean,

From time to time, archaeologists determine that they will not be able to follow previous recommendations in whole or in part. This happens for a wide variety of reasons, including changes to development plans, property boundaries or project locations. In these cases, the archaeologist undertaking the follow-up work must document the rationale for any differences between the fieldwork they actually do and what had been previously recommended. This is laid out in Section 7.5.8, Standards 4 and 5 of our *Standards and Guidelines for Consultant Archaeologists*, by which all consultant archaeologists must abide. Essentially, the follow-up report needs to account for the differences from previous recommendations, but the previous recommendations themselves don't need to be changed to conform with follow-up work. The preceding report does not need to be modified.

In this case, based on my understanding of this particular project, there are sites that were recommended for avoidance and protections, but such measures have proven impractical or impossible and now excavation is the remaining option. The archaeologist undertaking this excavation will need to include a discussion in his or her report about why avoidance and protection were no longer possible, including documentation of any discussions with you, the landowner, or others involved.

I hope this adequately answers your questions, but if you want to discuss it further, please don't hesitate to get in touch.

Cheers,

Ian

Ian Hember

Archaeology Review Officer
Ministry of Tourism, Culture and Sport
416-314-7691 | Ian.Hember@ontario.ca
www.ontario.ca/archaeology

From: Male, Sean [mailto:SMale@Hatch.ca]
Sent: February 1, 2013 10:38 AM
To: Hember, Ian (MTCS)
Cc: Rob Miller; 334844
Subject: RE: Northland Power - Glendale Solar Project - MTC File No. HD00503, PIF No. P007-245-2010

Hi Ian,

I spoke with MOE about the Glendale Solar Project this week.

They would like us to provide some documentation from MTCS providing the guidance we discussed on the phone with respect to going ahead with Stage 3 surveys at the Glendale Solar Project should Northland decide to pursue those areas. Are you able to provide me with either a letter or e-mail that states that there would be no revision required to the Stage 2 survey and associated confirmation letter, and that we would have to document within the Stage 3 report the rationale for going against the recommendations of the Stage 2 report?

Thanks,

Sean

Sean K. Male, M.Sc.

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

From: Male, Sean
Sent: Tuesday, January 29, 2013 10:40 AM
To: 'ian.hember@ontario.ca'
Cc: 'Rob Miller'; 334844
Subject: Northland Power - Glendale Solar Project - MTC File No. HD00503, PIF No. P007-245-2010

Hi Ian,

In 2010/2011 you reviewed Archaeological Research Associates' Stage 1 and 2 report on the Glendale Solar Project. As part of that report there were several findspots that would have required Stage 3 surveys, however through discussion with yourself, it was determined that Stage 3 surveys could be avoided by setting back 20 m from the findspots.

As a result of some space constraints on that Project site, Northland is currently investigating the possibility of clearing those findspots from archaeological concerns (i.e., moving ahead with the Stage 3 survey, and potential Stage 4 if required). If Northland were to do so, would there be a requirement to amend the initial Stage 1 and 2 report or associated confirmation letter, or would we simply be able to provide MTCS with a formal notification of that change that you could then acknowledge?

Thanks,

Sean

Sean K. Male, M.Sc.

Environmental Coordinator/Environmental Assessment & Management



Tel: +1 905 374 0701 ext. 5280
Fax: +1 905 374 1157
4342 Queen Street, Suite 500, Niagara Falls, Ontario, Canada, L2E 7J7

NOTICE - This message from Hatch is intended only for the use of the individual or entity to which it is addressed and may contain information which is privileged, confidential or proprietary. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, arrive late or contain viruses. By communicating with us via e-mail, you accept such risks. When addressed to our clients, any information, drawings, opinions or advice (collectively, "information") contained in this e-mail is subject to the terms and conditions expressed in the governing agreements. Where no such agreement exists, the recipient shall neither rely upon nor disclose to others, such information without our written consent. Unless otherwise agreed, we do not assume any liability with respect to the accuracy or completeness of the information set out

Attachment D

Amendment Notification

February 26, 2013

Addressee
Company
Full Address

To Whom It May Concern:

**Subject: Glendale Solar Project -
Notice of Project Change**

As you are aware, Northland Power Solar Glendale L.P. is developing a solar project within the Township of South Glengarry. The proposed project is named the Glendale Solar Project and will have an installed nominal capacity of 10 MW upon completion. In accordance with the provisions of the Ontario *Environmental Protection Act* Part V.0.1 and Ontario Regulation 359/09, Northland Power Solar Glendale L.P. applied to the Ontario Ministry of the Environment (MOE) for a Renewable Energy Approval (REA). REA Number 1565-8ULQT7 was issued on June 26, 2012.

This notice is provided to make you aware that Northland Power Solar Glendale L.P. is applying to the MOE for an amendment to the REA. The amendment entails adjusting the location of the fence in relation to the property boundary along the eastern and western portions of the Project, along with potentially completing further archaeological investigations on the Project location. The relocation of the fence is being completed in order to correct an error on the site plan provided in the Construction Plan Report. The additional archaeological investigations are being completed in order to develop areas previously subject to setbacks. The revised site plan is provided. These changes are minor in nature and are not expected to have an impact on significant natural features, archaeological resources or waterbodies.

In addition, the amendment application form and details of any associated changes to the REA supporting documents will be made available on the Project website at: <http://glendale.northlandpower.ca/>
Your comments, queries or information relevant to the proposed Project changes would be greatly appreciated.

Correspondence should be directed to:

Sean Male, Environmental 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,



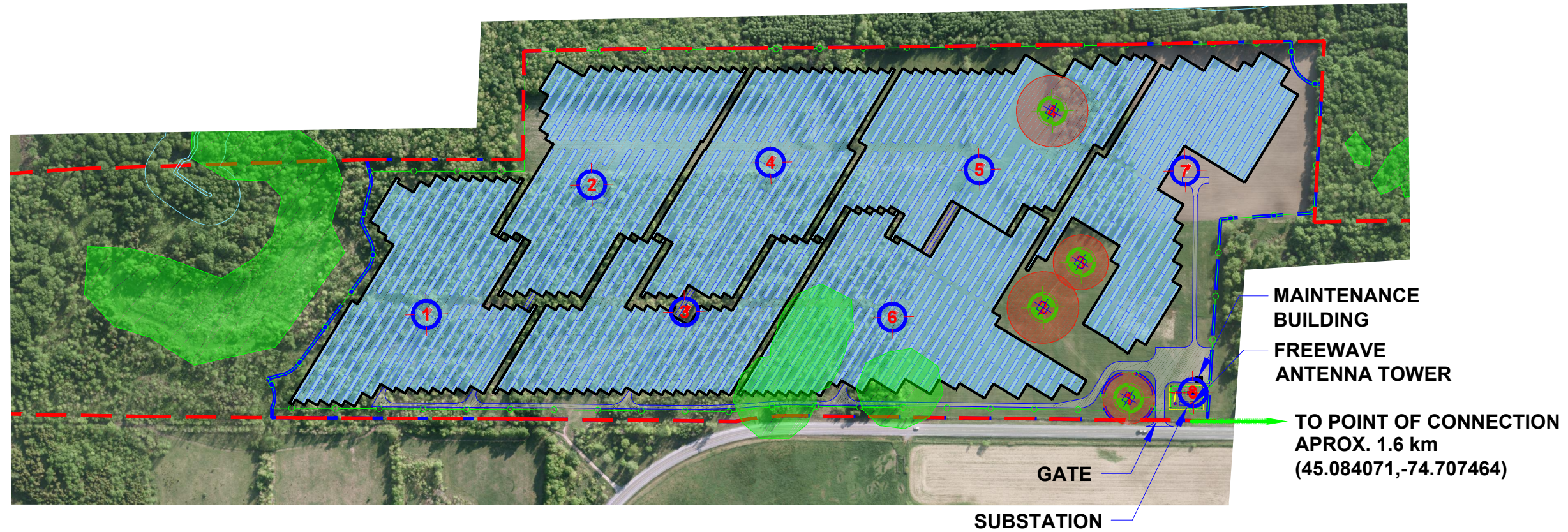
Sean Male
SM:mg

EnclosureDraft Revised Site Layout













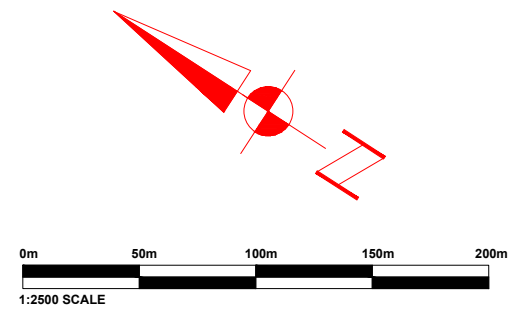
Safety • Quality • Sustainability • Innovation

H334844-0000-90-218-0206, Rev. 0



LEGEND:

-  GRAVEL ACCESS ROAD
-  OVERHEAD 27.6 kV LINE
-  PROPERTY BOUNDARY
-  AVAILABLE AREA BOUNDARY
-  FENCE LINE
-  SOLAR BLOCK
-  AREA NOT AVAILABLE FOR CONSTRUCTION ACTIVITIES
-  ARCHAEOLOGICAL FIND SPOT
-  SEASONAL/ENVIRONMENTAL SET BACK. AVOID DURING THE BREEDING PERIOD FROM APRIL 15 TO THE END OF JULY
-  INVERTER'S TRANSFORMER & SUBSTATION'S TRANSFORMER



REVISIONS

NO	DATE	SYMBOL	REMARKS
P0	DEC 2010		ISSUED FOR CONSTRUCTION PLAN REPORT
P1	APR 2011		GROUP 1 RELOCATED AND PROPERTY BOUNDARY REVISED
P2	JULY 2011		LAYOUT & INVERTER LOCATION CHANGED
P3	AUG 2011		P1 TO P4 INVERTERS LOCATION CHANGED
P4	NOV/24 2011		GENERAL UPDATE
P5	FEB/12 2013		REVISED BOUNDARIES & LAYOUT

STAMP	
-------	--

THIS DRAWING IS THE PROPERTY OF COGENERATION Associates Limited AND IS LOANED UPON CONDITION THAT IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO OTHERS, OR FOR ANY OTHER PURPOSE DETRIMENTAL TO THE INTEREST OF COGENERATION Associates Limited, AND WILL BE RETURNED UPON REQUEST



PROJECT
NORTHLAND POWER SOLAR GLENDALE

DRAWN BY	TIEN PHAM	VERIFIED BY	
SCALE	N.T.S.	VERIFIED BY	
DATE	DEC 2010	APPROVED BY	

PROJECT No.	
TITLE	SOLAR FARM PROJECT SITE PLAN
DRAWING No.	SP-02 (GLENDALE) Rev.P5

**PRELIMINARY LAYOUT
NOT FOR CONSTRUCTION**

Samuel Cain
18085 County Road 19, RR 2 LCD 1
Cornwall, ON
K6H 5R6

Lance McKay
11050 Harding Road
Laurel, MD, United States
20723

Kristi Runions
18064 Glen Falloch Road
Martintown, ON
K0C 1S0

Garry Runions
18118 Glen Falloch Road
Martintown, ON
K0C 1S0

Raisin River Farm Inc.
2598 South Branch Road, RR 2
Cornwall, ON
K6H 5R6

Arthur and Janice Buckland
18065 Glen Falloch Road
Martintown, ON
K0C 1S0

Michael Jarvo
18025 County Road 44, RR 1
Long Sault, ON
K0C 1P0

Ian Parrott ,Acting Director
Environmental Approvals Branch, Ministry of the
Environment
2 St. Clair Ave., W, 12A Floor
Toronto, ON
M4V 1L5

Marilyn Lebrun, Clerk
Township of South Glengarry
6 Oak Street, PO Box 220
Lancaster, ON
K0C 1N0

HelenThomson, Clerk
United Counties of Stormont Dundas and Glengarry
26 Pitt Street
Cornwall, ON
K6J 3P2

District Manager, Cornwall Area Office
Ontario Ministry of the Environment
113 Amelia St.
Cornwall, ON
K6H 3P1

JoanneMcDonald-Haley, General Manager
Community Services
6 Oak Street, PO Box 220
Lancaster, ON
K0C 1N0

Michael Otis
County Planner
26 Pitt Street
Cornwall, ON
K6J 3P2

Audrey and Jennifer Blair
RR 2
Williamstown, ON
K0C 2J0

Daniel Morse
19215 Leitch Road
Williamstown, ON
K0C 2J0

Ken Sandmoen
1569 Michael Street
Ottawa, ON
K1B 3T3

Dana Keller
C/O Township of South Glengarry
6 Oak Street, PO Box 220
Lancaster, ON
K0C 1N0

Natalie Mader
RR 1
Lancaster, ON
K0C 1N0

Joanne Hag
C/O Township of South Glengarry
6 Oak Street, PO Box 220
Lancaster, ON
K0C 1N0

Bill McKenzie
22163 Old Highway 2
Bainsville, ON
K0C 1H0

Jim McDonell
19538 County Road 19
Williamstown, ON
K0C 2J0

Tracy Sleeman
18025 County Road 44, RR 1
Long Sault, ON
K0C 1P0

Neil Thomson
20580 Old Montreal Road
South Lancaster, ON
K0C 2C0

Lynne and Andie Poirier
6065 City Road 34
Lancaster, ON
K0C 1N0

Gail and Graham Wells
19082 Muno Mills
Apple Hill, ON
K0C 1B0

Melissa Lee
8 Esterlawn Prt
Ottawa, ON
K2A 4B3

Carol-Ann and John Rattray
19715 Loyalist Road, RR 1
Williamstown, ON
K0C 2J0

Paul Dicaire
RR 1
Apple Hill, ON
K0C 1B0

Donald Thomson
18315 Glen Falloch Rd
Martintown, ON
K0C 1S0

Marie Gourley
21879 County Road 10, PO Box 33
Glen Robertson, ON
K0B 1H0

To Whom it May Concern
RR 2
Cornwall, ON
K6H 5R6

Kim McDowell
19530 South Branch Road
Williamstown, ON
K0C 2J0

Chief and Council
Mohawks of Akwesasne
PO Box 579
Cornwall, ON
K9H 5T3

Chief Donald Maracle and Council
Mohawks of the Bay of Quinte
13 Old York Rd
Tyendinaga Mohawk Territory, ON
K0K 1X0

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

Daniel Gilbeau
President of Ottawa Métis Council
676 Seyton Drive
Ottawa, ON
K2H 1A1

James Wagar, Lands and Resources
Métis Nation of Ontario
75 Sherbourne Street, Suite 222
Toronto, ON
M5A 2P9