

For Office Use Only		
Reference Number	Date (y/m/d)	Initials

Form ID: 178521

Application Summary

Project Name *(Project identifier to be used as a reference in correspondence)*
Penn Energy - VanDorp

Project Description Summary
(This summary should reflect the description in the documents upon which consultation has been completed and if it does not, the difference should be highlighted)

The proposed project is a Class 3 Solar Power Generation Facility located in the Municipality of Port Hope, Northumberland County, with a total Electrical Energy Generation Capacity of not more than 10.0 megawatts (MW) of AC power. The facility will consist of photo-voltaic (PV) modules installed on immobile, ground-mounted rack structures. The panels will be oriented towards the Southern sky and tilted at a fixed angle toward the sun. Natural features found onsite by a NHA/EIS found no natural features within the project location and two significant natural features within 120m. These include generalized significant wildlife habitat along the north of the project location boundary and a wetland feature to the northwest. The project components are located within previously cleared, crop/grazing lands.

Required Information	Completed (yes or no)
<input checked="" type="checkbox"/> Project Name & Description	Yes
<input checked="" type="checkbox"/> Section 1: Applicant Information	Yes
<input checked="" type="checkbox"/> Section 2: Project Information	Yes
<input checked="" type="checkbox"/> Section 3: Site Information	Yes
<input checked="" type="checkbox"/> Section 4: Required Documents	Yes

Application Status: FORM COMPLETE.

Summary:

Type of Application New Application	Type of Renewable Energy Generation Facility Solar Photo Voltaic Class 3.
Total Maximum Name Plate Capacity 10 MW	
Total Expected Generation Capacity 10 MW	

Section 1: Applicant Information

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1.1 Applicant Information *(Owner of works/facility)*

Applicant Name <i>(legal name of individual or organization as evidenced by legal documents)</i>		Business Identification Number
Port Hope Solar Farm Partnership		220747000
Business Name <i>(the name under which the entity is operating or trading - also referred to as trade name)</i>		<input checked="" type="checkbox"/> same as Applicant Name
Port Hope Solar Farm Partnership		
Applicant Type:	North American Industry Classification System (NAICS) Code	
<input type="checkbox"/> Corporation	<input type="checkbox"/> Federal Government	221119 Other Electric Power Generation
<input type="checkbox"/> Individual	<input type="checkbox"/> Municipal Government	
<input checked="" type="checkbox"/> Partnership	<input type="checkbox"/> Provincial Government	
<input type="checkbox"/> Sole Proprietor	<input type="checkbox"/> Other <i>(describe):</i>	
Business Activity Description <i>(a description of the business endeavour, this may include products sold, services provided or machinery/equipment used, etc.)</i>		
Developing and operating solar energy farms; selling solar-generated electricity.		



1.2 Applicant Physical Address

Civic Address- Street information <i>(includes street number, name, type and direction)</i>		Unit Identifier <i>(i.e. apartment number)</i>	
1 Yonge Street		Suite 1801	
Survey Address <i>(Not required if Street Information is provided)</i>	Lot	Conc.	Part
Municipality /Unorganized Township	County/District	Province/State	Country
Toronto		Ontario	Canada
			Postal Code
			M5E 1W7
Telephone Number <i>(include area code & ext.)</i>	Fax Number <i>(include area code)</i>	Mobile Number <i>(include area code)</i>	E-mail Address
(610)668-0300 ext. 1000	(610)668-0365		Glen@PennEnergyRenewables.com




1.3 Applicant Mailing Address

Same as Applicant Physical Address? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(if no, please provide site address information below)</i>	
Civic Address - Street information <i>(civic numbering and street information including street number, name, type and direction)</i>	
620 Righters Ferry Road	
Delivery Designator	Delivery Identifier
Municipality /Unorganized Township	Province/State
Bala cynwyd	Pennsylvania
Country	Postal Code
USA	19004



1.4 Statement of Applicant

I, the undersigned hereby declare that, to the best of my knowledge:		
<ul style="list-style-type: none"> The information contained herein is complete and accurate in every way and I am aware of the penalties against providing false information as per s.184(2) of the <i>Environmental Protection Act</i>. I understand that by submitting this form, I am guaranteeing the completeness and accuracy of all the information provided on this form and included in the draft reports. Failure to submit the correct information will result in an incomplete application being returned. The Project Technical Information Contact identified below is authorized to act on my behalf for the purpose of obtaining approval under section 47.3 of the EPA for the Project identified herein. 		
Name of Signing Authority <i>(please print)</i>	Title	
Glen Tomkinson	Project Manager/REA Coordinator	
Telephone Number <i>(including area code & extension)</i>	Fax Number <i>(including area code)</i>	E-mail Address
(610)668-0300 ext. 1000	(610)668-0365	Glen@PennEnergyRenewables.com
Mobile Number <i>(including area code)</i>	Signature	Date <i>(y/m/d)</i>
(484)888-3107		

Section 2: Project Information

Form ID: 178521

2.1 Application Type

Type of Application:

- New Renewable Energy Approval
 Amendment to Renewable Energy Approval

Where Applicable provide Existing Renewable Energy Approval Number:

Application Initiated by:

- Proponent Environmental Assessment and Approvals Branch Provincial Officer Order (attach copy) Other (specify):

Current Certificate(s) of Approval (please attach a separate list if more space is required)

Certificate of Approval Number	Date of Issue (yyyy/mm/dd)	Certificate of Approval Number	Date of Issue (yyyy/mm/dd)

Current Permit(s) to Take Water (please attach a separate list if more space is required)

Permit Number	Date of Issue (yyyy/mm/dd)	Permit Number	Date of Issue (yyyy/mm/dd)

Project Schedule

Estimated date for start of construction/installation (yyyy/mm/dd) 2013/06/01	Estimated date for start of operation (yyyy/mm/dd) 2013/12/01
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2.2 Statement of Project Technical Information Contact

Is the Project Technical Information Contact the same as the Applicant (identified in Section 1)? Yes No

I, the undersigned hereby declare that, to the best of my knowledge:

- The information contained herein and the information submitted in support of this application (electronically and in hard copy) is complete and accurate in every way and I am aware of the penalties against providing false information as per s.184(2) of the *Environmental Protection Act*.
- I understand that by submitting this form, I am guaranteeing the completeness and accuracy of this form and the draft documents. Failure to submit the correct information will result in the application being returned as incomplete.
- That the information contained in the electronically submitted application form is the same as the information submitted in the hard copy submission.
- I have used the most recent application form (as obtained from the "publications" section of the Ministry of the Environment website at www.ene.gov.on.ca or from the Environmental Assessment and Approvals Branch at 1-800-461-6290).

Name of Project Technical Information Contact Max Frable	Company N/A
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Telephone Number (include area code & ext.) (610)668-0300 ext. 1007	Fax Number (include area code) (610)668-0365	Mobile Number (include area code) (610)213-4827	E-mail Address Max@PennEnergyRenewables.com
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Signature (hard copy submission MUST be signed)	Date (yyyy/mm/dd)
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Address Information:

Same as Applicant Mailing Address? Yes No (If no, please provide technical information contact address information below)

Civic Address - Street information (civic numbering and street information including street number, name, type and direction) 620 Righters Ferry Road	Unit Identifier (i.e. apartment number)
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Delivery Designator	Delivery Identifier	Postal Station
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Municipality /Unorganized Township Bala cynwyd	Province/State Pennsylvania	Country USA	Postal Code 19004
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2.3 Other Approvals for Facility – Please attach a separate list if more space is required

Separate list attached? Yes No

List all other environmental approvals/permits applied for related to this project or received in relation to this project

Approval Number	Approval Date (yyyy/mm/dd)	Approval Number	Approval Date (yyyy/mm/dd)	Approval Number	Approval Date (yyyy/mm/dd)

Ontario Power Authority (OPA) Registration ID (if applicable)
FIT-Z958C

Ontario Power Authority (OPA) Reference Number (if applicable)
FIT-FLTV77L

2.4 Type of Renewable Energy Generation Facility (select all that apply)

Wind Facility	Biofuel / Biogas / Other	Anaerobic Digestion Facility	Thermal Treatment Facility	Solar Photo Voltaic Facility
<input type="checkbox"/> Class 2	<input type="checkbox"/> Biofuel	<input type="checkbox"/> Class 1	<input type="checkbox"/> Class 1	<input checked="" type="checkbox"/> Class 3
<input type="checkbox"/> Class 3	<input type="checkbox"/> Biogas	<input type="checkbox"/> Class 2	<input type="checkbox"/> Class 2	
<input type="checkbox"/> Class 4	<input type="checkbox"/> Other	<input type="checkbox"/> Class 3	<input type="checkbox"/> Class 3	
<input type="checkbox"/> Class 5	If other, please describe:			

2.5 Generation of Electricity

Total Maximum Name Plate Capacity		Total Expected Generation Capacity	
10.0	MW (1 MW = 1000 kW / 1 kW = 0.001 MW)	10.0	MW (1 MW = 1000 kW / 1 kW = 0.001 MW)
Days and Hours of Operation			
365 days/year; 24 hours/day			

Section 3: Site Information

Form ID: 178521

3.1 Project Location - (the site/location where project will be located)

Same as Applicant Physical Address? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If no, please provide site address information below)					
Civic Address- Street information (includes street number, name, type and direction)					Unit Identifier (i.e. apartment number)
2300 Wesleyville/Morrish Church Road (approx)					none
Survey Address (Legal description of the site)	Lot	Conc.	Part	Reference Plan	
	23,24	2	PT 23-24	9R2113	
Municipality / Unorganized Township	County/District		Postal Code		
Municipality of Port Hope	Northumberland county		L1A 3V7		
Non Address Information (where the project spans many locations or a large rural area, specify how the project area relates to the address provided)					
The project area covers one +/-132 acre property located at the northwest corner of Wesleyville/Morrish Church Road and Mail Road, directly south of Highway 401, Port Hope.					
Geo Reference (southwest corner of property)					
Map Datum	Zone	Accuracy Estimate	Geo Referencing Method	UTM Easting	UTM Northing
NAD83	17	na	Google Earth	709432.00	4869631.00

3.2 Municipal or local authority Information - (List all municipal or board authorities where the project is located)

Local Municipality / Unorganized Township (Include each Single Tier or Lower Tier in which the project location is situated. Attach a separate list if more space is necessary)					
Name of Municipality		Address		Phone	
Municipality of Port Hope		56 Queen St, Port Hope ON L1A 3Z9		(905)885-4544	
Clerk's Name		Clerk's Phone/Fax		E-Mail Address	
Ms. Sue Dawe		(905)885-0507		sdawe@porthope.ca	
Is the project location situated in one or more Upper Tier Municipality? (i.e., county, regional or district municipality.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
List all Upper Tier Municipalities that the project location is situated in. Attach a separate list if more space is necessary					
Name of Municipality		Address		Phone	
Northumberland County		26 Francis St, Lindsay, ON K9V 5R8		(905)372-3329 2238	
Clerk's Name		Clerk's Phone/Fax		E-Mail Address	
Diane Cane		(905)372-3329		caned@northumberlandcounty.ca	
Is the project location situated in a Local Roads Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
List all Local Roads Areas that the project location is situated in. Attach a separate list if more space is necessary					
Name of local roads board		Address		Phone	
Secretary-treasurer's Name		Secretary-treasurer's Phone/Fax		E-Mail Address	
Is the project location situated in a Local Service Board area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
List all Local Service Board areas the project location is situated in. Attach a separate list if more space is necessary					
Name of Local Service Board		Address		Phone	
Secretary's Name		Secretary's Phone/Fax		E-Mail Address	

3.3 Site Information - (information about the site/location where project will be located)

Site Name Penn Energy - Port Hope	MOE District Office Peterborough District Office
Is in any portion of the Project location on federally owned land or a reserve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is in any portion of the Project location on Crown Land? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the Project location that is the subject of this application owned by the Applicant? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, please attach the owner's name, address and a signed letter granting consent for the installation and operation of the facilities</i>	
Is the Applicant the operating authority of the facility that is the subject of this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, please attach the operating authority name, address and phone number</i>	
Is the Project location in the area of the Niagara Escarpment Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the Project location in the area subject to the Oak Ridges Moraine Conservation Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the Project location in the Protected Countryside as shown in Schedule 1 to the Greenbelt Belt Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the Project location in the Lake Simcoe Watershed as defined in the Lake Simcoe Protection Act, 2008? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the Project location in the Central Pickering Development Planning Area as shown in Schedule 1 to the Central Pickering Development Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Has an Archaeological Report (s. 22) been prepared as part of the complete submission? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Has a Heritage Report (s.23) been prepared as part of the complete submission? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Has an Environmental Impact Study Report (s.38, s. 41 or s. 43) been prepared as part of the complete submission? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Has a Water body Report (s.39, s. 40, s.44 s. 45) been prepared as part of the complete submission? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Section 4: Required Documents – Table 1 of the Regulation

Form ID: 178521

4.1 Supporting Information Checklist - This is a list of all supporting information to this application and is subject to the FOIPPA and EBR.

Mandatory	Attachment	Attached	Reference	Confidential* (√)	
★	Yes	Proof of Legal Name of Applicant	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Attachment 1: Corporate Documents	<input type="checkbox"/>
★	Yes	A map that identifies the project location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Attachment 2	<input type="checkbox"/>
		Name, Address and Phone Number of the Operating Authority	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/>
		Name, Address and consent of land/site owner for the installation/construction and operation of the facility	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/>
★	Yes	Project Description Report	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Binder A	<input type="checkbox"/>
★	Yes	Design and Operations Report	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Binder A	<input type="checkbox"/>
★	Yes	Decommissioning Plan Report	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Binder A	<input type="checkbox"/>
★	Yes	Construction Plan Report	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Binder A	<input type="checkbox"/>
★	Yes	Consultation Report	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Binder B	<input type="checkbox"/>
		Development Permit under the <i>Niagara Escarpment Planning and Development Act</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/>
★	Yes	A copy of this application has been sent to the local district office(s)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Attachment 3	<input type="checkbox"/>
Other Information Submitted in Support of the Application for a Renewable Energy Project					
	Title	Reference		Confidential* (√)	
★	Acoustic Assessment Report	Binder A		<input type="checkbox"/>	
★	Cultural Heritage Screening Results	Binder A		<input type="checkbox"/>	
★	Archaeological Stage 1 & 2 Assessment	Binder A		<input type="checkbox"/>	
★	MTC Concurrence Letter for Archaeological Assessment	Binder A		<input type="checkbox"/>	
★	Natural Heritage Assessment	Binder A		<input type="checkbox"/>	
★	MNR Confirmation Letter for NHA	Binder A		<input type="checkbox"/>	
★	Water Assessment/Water Bodies Report	Binder A		<input type="checkbox"/>	
★	Proposed Site Plan with Aerial Photo	Binder A - rear pocket		<input type="checkbox"/>	
★	Proposed Site Plan with Existing Topography	Binder A - rear pocket		<input type="checkbox"/>	
				<input type="checkbox"/>	
★	Completed Checklist for Requirements under O. Reg. 359/09	with cover letter; MOE form #7746e		<input type="checkbox"/>	
★	REA Application Fee (check for \$12,844)	with cover letter; check #1526		<input type="checkbox"/>	
★	Port Hope Solar Farm Partnership Corporate Documents	Attachment 1 with cover letter		<input checked="" type="checkbox"/>	
★	Project Location Map	Attachment 2 with cover letter		<input type="checkbox"/>	
★	Letter to MOE Peterborough District Office	Attachment 3		<input type="checkbox"/>	
	Are you attaching an additional list of attachments? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If there is not enough space to list all of the attachments included in this application package, please include an additional listing of these attachments.		<input type="checkbox"/>	

***Please note:** the release of information contained in application forms and documentation submitted in support of applications for approval is subject to the provisions of the *Freedom of Information and Protection of Privacy Act*. This Act defines what may and may not be disclosed to the public, and is used to assess all requests for information contained in the documents on file with an application for approval. The information submitted with an application for approval may also be subject to the *Environmental Bill of Rights*. In those situations, the application and the associated non-confidential supporting documentation is made available for review by members of the public. The applicants should therefore identify all documents or portions of documents as noted above which are to be considered confidential and must provide detailed evidence in support of this claim. This evidence will be one of the factors the ministry would consider when making a decision regarding disclosure of specific documents on file.

 **PORT HOPE SOLAR FARM PARTNERSHIP**

a Penn Energy Renewables, Ltd. company

December 6, 2013

VIA ELECTRONIC MAIL

Ms. Sarah Raetsen
Senior Project Evaluator, Environmental Approvals Branch
Ontario Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario M4V 1L5
CANADA

**RE: MOE Reference Number # 8439-937QH7– Proposed Changes
“Penn Energy – Van Dorp” REA Application Amendment**

Dear Ms. Raetsen,

Please accept this submission of proposed changes to the “Penn Energy – Van Dorp” REA application currently under your technical review.

The proposed changes primarily concern the configuration and location of inverter houses and internal laneways within the Project Location Boundary (“PLB”). These changes are being proposed to realize certain efficiencies recognized during project engineering. We are proposing **no** change whatsoever to the PLB and anticipate achieving a more efficient project footprint without any increase in site impacts. As reflected in the attached site plans, the overall number of inverter houses would be reduced from ten (10) to six (6). There will be minor re-arrangement of the solar arrays and access lanes within the PLB as a result of this consolidation of the inverter houses, which in itself constitutes a decrease in associated infrastructure. No additional mitigation measures are anticipated to be necessary as the proposed changes – which are all taking place within the previously established PLB – have no negative impacts to the environment.

As mentioned above, attached please find a plan depicting the Van Dorp project’s previous configuration (dated June 22, 2012) as originally submitted with the REA application package, and a plan depicting the proposed configuration (dated November 1, 2013) that articulates the aforementioned minor changes.

The REA documents that were revised due to the proposed changes are attached and labeled as such. The following table lists any revisions/updates made to each REA document as a result of the proposed project change(s), where applicable:

REA Document	Impact or Necessary Change
Project Description Report	Revised Document Attached; Page 2 Edited to Reflect Consolidation of Inverter Houses
Design & Operations Report	Revised Document Attached; Page 7 Edited to Reflect Consolidation of Inverter Houses; Page 24 New Proposed Site Plan Inserted
Construction Plan Report	Proposed Changes N/A
Decommissioning Plan Report	Proposed Changes N/A
Cultural Heritage Report	Proposed Changes N/A
Archaeological Assessment Report	Proposed Changes N/A; See Attached MTCS Re-Confirmation Letter
Natural Heritage Assessment Report	Proposed Changes N/A; See Attached MNR Re-Confirmation Letter
Water Bodies Assessment	Proposed Changes N/A
Acoustic Assessment Report	Revised Document Attached; Reflects Inverter House Re-Situation and Consolidation
Consultation Report	Proposed Changes N/A
Site Plan	Revised Document Attached; Reflects Inverter House Re-Situation and Consolidation, Minor Internal Laneway Reconfiguration

I have also attached e-mail correspondence from the Ministry of Tourism, Culture and Sport (dated November 21, 2013) and the Ministry of Natural Resources (dated November 22, 2013) which confirms their respective comfort with the proposed changes. These re-confirmation letters came in response to my sharing the original and revised plans with each Ministry for their review.

Lastly, please find attached a final, revised AAR for the Van Dorp project that takes into account the proposed changes.

I look forward to your feedback on these items. Please do not hesitate to contact me with any additional questions or concerns, or if you'd like to discuss any other aspects of the project; thank you very much.

Sincerely,

Cyrus Tingley