

REC 16-107

STILL UNDER REVIEW

Knollwood Energy of MA LLC
P.O. Box 30
Chester, New Jersey 07930

REC 13 JAN 16 AM 11:14

January 8, 2016

Debra A. Howland
Executive Director
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

Dear Ms Howland,

Enclosed please find applications for 10 systems to be part of the Knollwood Energy of MA LLC (NH-II-13-089) Class II Photovoltaic aggregation for New Hampshire Renewable Energy Certificates (RECs) generated from customer-sited sources, pursuant to New Hampshire Code of Administrative Rules Puc 2506.

Also enclosed are the Simplified Process Interconnection Application and Service Agreement, and the Certificate of Completion.

Electronic versions have been entered into the new online application system under batch number KN0415.

Paul Barker	Bill Haig
Darren Blood	John Hanson
Mike Blichmann	Peter and Elaine Klose
Rod Gagnon	Charlie Lovett
Zachary Gardner	Robert McDonald

Please feel free to contact me with any questions or further instructions.
Thank you for your consideration,

Linda Modica
New England REC Operations Manager
Knollwood Energy of MA LLC
973.879.7826
linda@knollwoodenergy.com

Who is submitting this request?

Aggregator

Aggregator Batch Number

KN0415

Aggregator name

Knollwood Energy

Aggregator Email

linda@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Robert McDonald

Owner Prefix

Mr.

Facility Owner email

robert.k.mcdonald@comcast.net

Owner Phone

603-493-2285

Facility Address

1 Park Place

Facility Town/City

Raymond

Facility State

NH

Facility Zip

03077

Is the facility address the same as the owner's mailing address

- Yes
- No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact (who should we call with questions)

Contact Phone

Other Email Address

Facility Information

Class

Utility

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

Facility Operator Name, if applicable

Panel Quantity

Panel Make

Panel Model

Panel Rated Output

System capacity based on panels

Inverter Quantity

Inverter Make

Additional Inverter Make

Rated Output - Primary Inverter

Rated Output - Additional Inverter

System capacity based on single inverter make

System capacity based on inverters

System capacity in mW as stated on the interconnection agreement

Revenue Grade Meter Make

Meter Model

Other

Was this facility installed directly by the customer (no electrician involved)?

Yes

No

Electrician Name & Number

Bill Levay13139M

Other Electrician Name

Sign-off Electrician's License Number

Installation Company

ReVision Energy

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name

Paul Button

Monitor Company Name

Energy Audits Unlimited

Monitor Company Name

Monitor Company Name

Monitor Company Name

Other Monitor Company Name

Is the installer also the equipment vendor?

- Yes
 No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

https://fs30.formsite.com/jan1947/files/f-5-99-5834662_xz6qtZ92_McDonald_SPIA.pdf

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

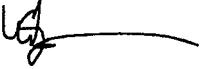
https://fs30.formsite.com/jan1947/files/f-5-168-5834662_aC0otSTd_McDonald_COC.pdf

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-5834662_Pq0Y6Ljr_McDonald_NHOS.pdf

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Linda Modica

Date Signed

01/07/2016

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA
Simplified Process Interconnection Application and Service Agreement

RECEIVED
DEC 08 2014
SESD

PSNH Application Project ID#: N 3271

Contact Information:

Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)

Customer or Company Name (print): Robert McDonald

Contact Person, if Company: _____

Mailing Address: 1 Park Place

City: Raymond State: NH Zip Code: 03077

Telephone (Daytime): 603-493-2285 (Evening): _____

Facsimile Number: _____ E-Mail Address: robert.k.mcdonald@comcast.net

Alternative Contact Information (e.g., System installation contractor or coordinating company, if appropriate):

Name: ReVision Energy, LLC contact Sara Bogue

Mailing Address: 7 Commercial Drive

City: Exeter State: NH Zip Code: 03833

Telephone (Daytime): 603-679-1777 (Evening): _____

Facsimile Number: _____ E-Mail Address: sbogue@revisionenergy.com

Electrical Contractor Contact Information (if appropriate):

Name: Same as Alternative Contract

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone (Daytime): _____ (Evening): _____

Facsimile Number: _____ E-Mail Address: _____

Facility Site Information:

Facility (Site) Address: 1 Park Place ✓

City: Raymond State: NH Zip Code: 03077

Electric

Service Company: PSNH Account Number: 56194880035 ✓ Meter Number: G62450448 ✓

Account and Meter Number: Please consult an actual PSNH electric bill and enter the correct Account Number and Meter Number on this application. If the facility is to be installed in a new location, please provide the PSNH Work Request number.

PSNH Work Request # _____

Non-Default' Service Customers Only:

Competitive Electric

Energy Supply Company: _____ Account Number: _____

(Customer's with a Competitive Energy Supply Company should verify the Terms & Conditions of their contract with their Energy Supply Company.)

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

Facility Machine Information:

Generator/
Inverter Manufacturer: SMA ✓ Model Name & Number: Sunny Boy 6000TL-US ✓ Quantity: 2 ✓
Nameplate Rating: 6 ✓ (kW) (kVA) 240 (AC Volts) Phase: Single Three
Nameplate Rating: *The AC Nameplate rating of the individual inverter.*
System Design Capacity: 12 ✓ (kW) (kVA) Battery Backup: Yes No
System Design Capacity: *The system total of the inverter AC ratings. If there are multiple inverters installed in the system, this is the sum of the AC nameplate ratings of all inverters.*
✓ Net Metering: If Renewably Fueled, will the account be Net Metered? Yes No
Prime Mover: Photovoltaic Reciprocating Engine Fuel Cell Turbine Other _____
✓ Energy Source: Solar Wind Hydro Diesel Natural Gas Fuel Oil Other _____

Inverter-based Generating Facilities:

UL 1741 / IEEE 1547.1 Compliant (Refer To Part Puc 906 Compliance Path For Inverter Units, Part Puc 906.01 Inverter Requirements)
Yes No
✓ The standard UL 1741.1 dated May, 2007 or later, "Inverters, Converters, and Controllers for Use With Independent Power Systems," addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers choose to submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL 1741.1. This term "Listed" is then marked on the equipment and supporting documentation. *Please include, any documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.*

External Manual Disconnect Switch:

✓ An External Manual Disconnect Switch shall be installed in accordance with 'Part Puc 905 Technical Requirements For Interconnections For Facilities, Puc 905.01 Requirements For Disconnect Switches and 905.02 Disconnect Switch.'
Yes No
Location of External Manual Disconnect Switch: _____

Project Estimated Install Date: April 2015

Project Estimated In-Service Date: May 2015

Interconnecting Customer Signature:

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the **Terms and Conditions for Simplified Process Interconnections** attached hereto:

Robert K. McDonald
Customer Signature: Robert K. McDonald (Dec 8, 2014) Title: Homeowner Date: Dec 8, 2014

Please include a one-line and/or three-line diagram of proposed installation. Diagram must indicate the generator connection point in relation to the customer service panel and the PSNH meter socket. Applications without such a diagram may be returned.

For PSNH Use Only

Approval to Install Facility:

Installation of the Facility is approved contingent upon the Terms and Conditions For Simplified Process Interconnections of this Agreement, and agreement to any system modifications, if required.

Are system modifications required? Yes No To be Determined

Company Signature: Michael Motta Title: JR. ENG. NEEL Date: 12.9.14

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA (Continued)

Exhibit B - Certificate of Completion for Simplified Process Interconnections

Installation Information:

(Check if owner-installed)

Customer or Company Name (print): Robert McDonald

Contact Person, if Company: _____

Mailing Address: 1 Park Place

City: Raymond State: NH Zip Code: 03077

Telephone (Daytime): 603-493-2285 (Evening): _____

Facsimile Number: _____ E-Mail Address: robert.k.mcdonald@comcast.net

meter #: 62 450 448

Address of Facility (if different from above): _____

City: _____ State: _____ Zip Code: _____

Generation Vendor: ReVision Energy, LLC Contact Person: ~~William Cook~~ SARA BOGUE

I hereby certify that the system hardware is in compliance with Psc 900. sbogue@revisionenergy.com

Vendor Signature: ~~William Cook~~ Sen Bor

Date: 12/10/14

Electrical Contractor's Name (if appropriate): ReVision Energy

Mailing Address: Commercial Drive

City: Exeter State: NH Zip Code: 03833

Telephone (Daytime): 603-679-1777 (Evening): _____

Facsimile Number: _____ E-Mail Address: ~~william@revisionenergy.com~~ sbogue

License number: 13139M

Date of approval to install Facility granted by the Company: 12/10/14 Installation Date: _____

Application ID number: N3271

Inspection:

The system has been installed and inspected in compliance with the local Building Electrical Code of

Raymond
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): Paul Hammond

Name (printed): PAUL HAMMOND

Date: 9-29-15

Customer Certification:

I hereby certify that, to the best of my knowledge, all the information contained in this Interconnection Notice is true and correct. This system has been installed and shall be operated in compliance with applicable electrical standards. Also, the initial start up test required by Psc 905.04 has been successfully completed.

Customer Signature: [Signature] Date: 9/29/15

New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

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The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Robert McDonald

Printed Name of signature owner


[robert McDonald \(Nov 12, 2015\)](#)

Signature of system owner