

STATE OF VERMONT
PUBLIC UTILITY COMMISSION

Case No. 19-0856-RULE

Proposed revisions to Vermont Public Utility Commission Rule 5.500	
---	--


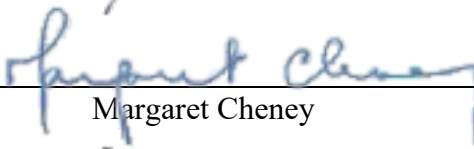
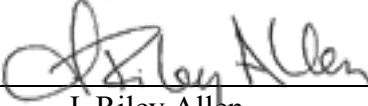
Order entered: 12/26/2023

REQUEST FOR COMMENT ON STANDARD APPLICATION FORMS

The Vermont Public Utility Commission's ("Commission") will adopt standard application forms as part of the implementation of its revisions to Rule 5.500, the interconnection rule. On October 14, 2022, Green Mountain Power Corporation filed draft standard application forms. These draft documents are attached to this Order. The Commission requests comments on whether the Commission should adopt these draft forms or make any changes to them. Comments may be filed with the Commission by no later than January 19, 2024. Any reply comments may be filed on February 2, 2024.

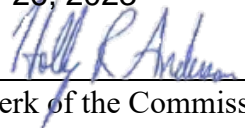
SO ORDERED.

Dated at Montpelier, Vermont, this 26th day of December, 2023.

 _____)) PUBLIC UTILITY) COMMISSION) OF VERMONT
Anthony Z. Roisman)	
_____)	
 _____)) PUBLIC UTILITY) COMMISSION) OF VERMONT
Margaret Cheney)	
_____)	
 _____)) PUBLIC UTILITY) COMMISSION) OF VERMONT
J. Riley Allen)	
_____)	

OFFICE OF THE CLERK

Filed: December 26, 2023

Attest: 
_____)
Clerk of the Commission

Notice to Readers: This decision is subject to revision of technical errors. Readers are requested to notify the Clerk of the Commission (by e-mail, telephone, or in writing) of any apparent errors, in order that any necessary corrections may be made. (E-mail address: puc.clerk@vermont.gov)

Rule 5.500 Application for Interconnection of Distributed Energy Resources Greater than 150 kW

This form should be made available in an electronically fillable format and it shall be permissible to submit the form with electronic signatures.

Preamble and Instructions:

An owner of a distributed energy resource who requests interconnection to a State-regulated distribution or transmission facility must submit an application to the Interconnecting Utility. An application is accepted as complete when it provides all applicable information required along with the required Application fee. A one-line diagram must be supplied with the Application. Additional information to evaluate a request for interconnection may be required after an Application is deemed complete.

1. Applicant Information:

Name: _____

Address [eSITE ID]: _____

City: _____ State: _____ Zip: _____

Telephone (Day): _____ (Alternate): _____

Email: _____

Utility Consumption Meter Number (if applicable): _____

Name of Utility: _____

Representative: (e.g., System installation contractor or coordinating company, if appropriate)

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone (Day): _____ (Evening): _____

Email: _____

Will the Generation Resource be used for any of the following? Check all that apply

- | | | |
|--|------------------------------|-----------------------------|
| Net-Metering? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Group Net-Metering? (If yes, please provide group information directly to your utility) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Non-Exporting? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| To participate in the SPEED Standard Offer Program? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Participate in the wholesale electricity market? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Qualifying Facility ¹ where 100% of output will be sold to Interconnecting Utility? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Qualifying Facility ¹ intending to sell power at wholesale to an entity other than Interconnecting Utility? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Other (describe): _____ | | |

¹ Evidence of FERC QF Certification will be required prior to commercial operation

For an energy storage system, check the mode of operation below: (Check all that apply)

- Peak Shaving
- Retail Demand Management
- Emergency/Back-up
- Frequency Regulation
- Wholesale market participation(describe)_____
- Other (describe)_____

2. Project Specifications:

All power ratings should be listed in AC throughout unless otherwise noted

Physical Address [eSITE ID] : Same as above

City: _____ State: _____ Zip: _____

Is this an amendment to an existing system? Check One Yes No

If YES, what is existing CPG# _____

Please describe the proposed amendment: _____

Requested Point of Interconnection (Include on site plan) _____

Requested in-service date: _____

Energy Source: Check all that apply

- Solar
- Wind
- Hydro
- Energy Storage
- Other: _____

Interconnection Configuration? Check One

- Generation Meter
- Behind Consumption Meter

Total number of inverters to be interconnected pursuant to this Application: _____

Total Aggregate Nameplate Rating for all generators (kW): _____

Generating Export Capacity ² (kW): _____

Individual Generator Data:

Provide for each Generator, use additional sheets if needed.

Type of Generator: Check One

- DC Generator or Solar (Inverter)
- Synchronous
- Induction
- Other _____

Generator Manufacturer, Model Name & Number: _____

Power Rating per generator _____

² As limited by any export controls

Photovoltaic (PV) Data

Panel Manufacturer _____ Model _____

Quantity of PV panels _____ Power Rating per panel (DC Watts) _____

Total Power Rating (DC Watts) _____

Roof Mount

Ground Mount

Tracking Capability Yes No

Individual Inverter Data (if any):

Provide for each inverter, use additional sheets if needed.

Inverter Manufacturer: _____

Model Name & Number: _____

Version Number: _____

Nameplate Rating: (kW) _____ (kVA) _____ (AC Volts) _____

If Power Factor not Unity:

Rated Power Factor: (Underexcited) _____ (Overexcited) _____

Minimum Power Factor: (Underexcited) _____ (Overexcited) _____

Do export controls apply to this inverter? (Check one) Yes No

- Is the inverter UL 1741 / IEEE 1547.1 Compliant?

Yes No

- Is the inverter certified per UL1741-SA and compliant with ISO-NE's Inverter Source Requirements Document (ISO-NE SRD)?

Yes No

- Is the inverter certified per UL 1741-SB and compliant with ISO-NE's Default IEEE 1547-2018 Setting Requirements?

Yes No

If Yes to any of above bullets, include documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.

Battery Storage/Backup Information

Is this Battery an add-on to an existing customer-generator facility? Yes No

If Yes, existing CPG #: _____

Is this Battery: Battery (DC Coupled – No Export) + Solar Yes No

Battery (AC Coupled - Export) + Solar Yes No

Battery Only (AC Coupled - Export) Yes No

Other (describe if coupled with another energy resource): _____

Does the battery share an inverter with a Renewable Energy system? Yes No

If Yes, can the battery be charged from the Electric Utility electric distribution grid? Yes No

If No, how is the battery Energy Storage System prevented from being charged by the electric distribution system? _____

Shared Inverter Information (DC coupled inverters with multiple sources)

Quantity: _____

Battery System Manufacturer: _____ Model: _____ Battery Type: _____

Battery Charge/Discharge Rating (kW AC): _____ Battery Energy Capacity (kWh): _____

DC Source/Prime Mover: _____

Do export controls apply to this inverter? (Check one) Yes No

Lagging Reactive Power Limit at Rated Real Power Output (MVAR)	
Leading Reactive Power Limit at Rated Real Power Output (MVAR)	
Lagging Reactive Power Limit at Zero Real Power Output (MVAR)	
Leading Reactive Power Limit at Zero Real Power Output (MVAR)	

- Is the inverter UL 1741 / IEEE 1547.1 Compliant?
Yes No
- Is the inverter certified per UL1741-SA and compliant with ISO-NE's Inverter Source Requirements Document (ISO-NE SRD)?
Yes No
- Is the inverter certified per UL 1741-SB and compliant with ISO-NE's Default IEEE 1547-2018 Setting Requirements?
Yes No

If Yes to any of above bullets, include documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.

Dedicated Inverter Information (inverters with only batteries for DC source)

Quantity: _____

Battery System Manufacturer: _____ Model: _____ Battery Type: _____

Battery Charge/Discharge Rating (kW AC): _____ Battery Energy Capacity (kWh): _____

DC Source/Prime Mover: _____

Do export controls apply to this inverter? (Check one) Yes No

Lagging Reactive Power Limit at Rated Real Power Output (MVAR)	
Leading Reactive Power Limit at Rated Real Power Output (MVAR)	
Lagging Reactive Power Limit at Zero Real Power Output (MVAR)	
Leading Reactive Power Limit at Zero Real Power Output (MVAR)	

- Is the inverter UL 1741 / IEEE 1547.1 Compliant?
Yes No
- Is the inverter certified per UL1741-SA and compliant with ISO-NE's Inverter Source Requirements Document (ISO-NE SRD)?
Yes No
- Is the inverter certified per UL 1741-SB and compliant with ISO-NE's Default IEEE 1547-2018 Setting Requirements?
Yes No

If Yes to any of above bullets, include documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.

Battery Intended Use and Operation

Please provide a sequence of operations explaining how the system will operate under normal and off-grid conditions (explain how the battery will disconnect and reconnect to the grid). Please provide the type of switching and indicate if it is self-contained or utilizes separate components. An example would be self-contained device with DC to AC inverter, battery charger, and integrated AC transfer switch. On your one-line diagram please label the various equipment (inverter(s), charge controllers, switches, etc.) so that your written operational equipment discussion matches the one-line diagram. If your system rated kW out flow to the grid is restricted by control logic (outflow kW is less than inverter total capacity), then indicate the worst case out-flow capacity.

Limited-Export / Non-Export / Limited-Import Data:

If multiple export control systems are used, provide for each control system and use additional sheets if needed.

Is export controlled to less than the Total Aggregate Nameplate Rating? Yes No

Method of export limitation:

- Power Control System Reverse Power Protection
Minimum Power Protection Other (describe): _____

Export controls are applied to how many generators? Multiple One

If Power Control System is used, open loop response time: _____(s)

Power Control System output limit setting: (kW) _____(kVA) _____

Energy Storage System Power Control System operating mode:

- Unrestricted Export Only Import Only No Exchange

Describe which Generators the export control system controls: _____

Rotating Machines Data:

Manufacturer, Model Name & Number: _____

Version Number: _____

Nameplate Output Power Rating: (kW) _____ (kVA) _____

Rated Power Factor: (Underexcited) _____ (Overexcited) _____

Minimum Power Factor: (Underexcited) _____ (Overexcited) _____

Single phase Three phase (check one)

List of adjustable set points for the protective equipment or software: _____

Export Capacity Requested (kW) : _____

Do export controls apply to this machine? Yes No

RPM Frequency: _____

Neutral Grounding Resistor (If Applicable): _____

List components of the Interconnection Equipment Package that are UL or IEEE Certified:

Equipment Type	Certifying Entity
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____

Synchronous Generators

Direct Axis Synchronous Reactance, Xd: _____ P.U.

Direct Axis Transient Reactance, X' d: _____ P.U.

Direct Axis Subtransient Reactance, X'' d: _____ P.U.

Generator Saturation Constant (1.0): _____

Generator Saturation Constant (1.2): _____

Negative Sequence Reactance, X2: _____ P.U.

Zero Sequence Reactance, X0: _____ P.U.

KVA Base: _____

Field Volts: _____

Field Amperes: _____

For synchronous generators, provide appropriate IEEE model block diagram of excitation system, governor system and power system stabilizer (PSS) in accordance with the regional reliability council criteria. A PSS may be determined to be required by applicable studies. A copy of the manufacturer's block diagram may not be substituted.

Induction Generators

Motoring Power (kW): _____
 I22t or K (Heating Time Constant): _____
 Rotor Resistance, Rr: _____ P.U. Rotor Reactance, Xr: _____ P.U.
 Stator Resistance, Rs: _____ P.U. Stator Reactance, Xs: _____ P.U.
 Magnetizing Reactance, Xm: _____ P.U.
 Short Circuit Reactance, Xd: _____ P.U.
 Exciting Current: _____ Amps
 Temperature Rise: _____
 Frame Size: _____
 Design Letter: _____
 Reactive Power Required in Vars (No Load): _____
 Reactive Power Required in Vars (Full Load): _____
 Total Rotating Inertia, H: _____ Per Unit on kVA Base

3. Transformer and Protective Relay Specifications

Will a transformer be used between the generator and the Point of Common Coupling?
 Yes No

Will the transformer be provided by the Interconnection Customer? Yes No

(a) Transformer Data: (if applicable, for Interconnection Customer-Owned Transformer)

Is the transformer? Single phase Three phase (check one)

Size: _____ kVA

Transformer Impedance: _____ percent on _____ kVA Base

If Three Phase:

Transformer Primary _____ Volts Delta Wye Grounded Wye

Transformer Secondary _____ Volts Delta Wye Grounded Wye

Transformer Tertiary _____ Volts Delta Wye Grounded Wye

(b) Transformer Fuse Data: (if applicable, for Interconnection Customer-Owned Fuse)

Enclose/Attach copy of fuse manufacturer's Minimum Melt and Total Clearing Time-Current Curves

Manufacturer: _____ Type: _____

Size: _____ Speed: _____

(c) Interconnecting Circuit Breaker: (if applicable)

Manufacturer: _____ Type: _____

Load Rating (Amps): _____ Interrupting Rating (Amps) _____ Trip Speed (Cycles): _____

(d) Interconnection Protective Relays: (if applicable)

If Microprocessor-Controlled:

List of Functions and Adjustable Setpoints for the protective equipment or software:

Setpoint Function	Minimum	Maximum
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____

(e) Discrete Components: (if applicable)

(Enclose/Attach Copy of any Proposed Time-Overcurrent Coordination Curves)

Manufacturer: _____ Type: _____ Style/Catalog No.: _____

Proposed Setting: _____

Manufacturer: _____ Type: _____ Style/Catalog No.: _____

Proposed Setting: _____

Manufacturer: _____ Type: _____ Style/Catalog No.: _____

Proposed Setting: _____

(f) Current Transformer Data: (if applicable)

(Enclose/Attach Copy of Manufacturer's Excitation and Ratio Correction Curves)

Manufacturer: _____

Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

(g) Potential Transformer Data: (if applicable)

Manufacturer: _____

Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

4. General Information

Enclose/Attach copy of site electrical one-line diagram showing the configuration of all Project equipment, current and potential circuits, and protection and control schemes. This one-line diagram must be signed and stamped by a licensed Professional Engineer.

Is one-line diagram enclosed? Yes No

Enclose/Attach copy of any site documentation that indicates the precise physical location of the proposed Project and all protective equipment and labels Point of Interconnection on existing electrical system (e.g., USGS topographic map or other diagram or documentation).

Is site documentation enclosed? Yes No

Enclose/Attach copy of any site documentation that describes and details the operation of the protection and control schemes.

Is available documentation enclosed? Yes No

Enclose/Attach copies of schematic drawings for all protection and control circuits, relay current circuits, relay potential circuits, and alarm/monitoring circuits (if applicable).

Are schematic drawings enclosed? Yes No

5. Applicant Signature (may be electronic)

I hereby certify that, to the best of my knowledge, all the information provided in this Interconnection Application is true and correct.

Signed: _____

Title: _____

Date: _____

Operation is contingent on Utility approval to interconnect the Project and receipt of all other required regulatory approvals.

Rule 5.500 Application for Interconnection of Distributed Energy Resources Not Greater than 150 kW

This form should be made available in an electronically fillable format and it shall be permissible to submit the form with electronic signatures.

Preamble and Instructions:

An owner of a distributed energy resource who requests interconnection to a State-regulated distribution or transmission facility must submit an application to the Interconnecting Utility. An application is accepted as complete when it provides all applicable information required.

1.Applicant:

Name: _____

Address [eSITE ID]: _____

City: _____ State: _____ Zip: _____

Telephone (Day): _____ (Alternate): _____

Email: _____

Utility Consumption Meter Number (if applicable): _____

Name of Utility: _____

Representative: (e.g., System installation Contractor or coordinating company, if appropriate)

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone (Day): _____ (Evening): _____

Email: _____

Will the Generation Resource be used for any of the following? Check all that apply

Net-Metering? Yes No

Group Net-Metering? (If yes, please provide group information directly to your utility) Yes No

Non-Exporting? Yes No

To participate in the SPEED Standard Offer Program? Yes No

Participate in the wholesale electricity market? Yes No

Qualifying Facility¹ where 100% of output will be sold to Interconnecting Utility? Yes No

Qualifying Facility¹ intending to sell power at wholesale to
an entity other than Interconnecting Utility? Yes No

Other (describe): _____

For an energy storage system, check the mode of operation below: (Check all that apply)

Peak Shaving Retail Demand Management Emergency/Back-up Frequency Regulation

Wholesale market participation(describe) _____

Other (describe) _____

¹ Evidence of FERC QF Certification will be required prior to commercial operation

2. Project Specifications:

All power ratings should be listed in AC throughout unless otherwise noted

Physical Address [eSITE ID] : Same as above

City: _____ State: _____ Zip: _____

Is this an amendment to an existing system? Check One: Yes No

If YES, what is existing CPG# _____

Please describe the proposed amendment: _____

Energy Source: Check all that apply

Solar Wind Hydro

Energy Storage Other: _____

Interconnection Configuration? Check One

Generation Meter Behind Consumption Meter

Total number of inverters to be interconnected pursuant to this Application: _____

Total Aggregate Nameplate Rating for all generators (kW): _____

Total Generating Export Capacity ² Requested (kW): _____

Individual Generator Data:

Provide for each Generator, use additional sheets if needed.

Type of Generator: Check One:

DC Generator or Solar (Inverter) Synchronous Induction Other _____

**If SYNCHRONOUS or INDUCTION generator (rotating machine), fill out Generator Technical Information in
"Application for Interconnection of Distributed Energy Resources greater than 150 kW"**

Photovoltaic (PV) Data

Panel Manufacturer _____ Model _____

Quantity of PV panels _____ Power Rating per panel (DC Watts) _____

Total Power Rating (DC Watts) _____

Roof Mount

Ground Mount

Tracking Capability Yes No

² As limited by any export controls

PV Individual Inverter Data :

Provide for each inverter, use additional sheets if needed.

Inverter Manufacturer: _____

Model Name & Number: _____

Version Number: _____

Nameplate Rating: (kW)_____ (kVA)_____ (AC Volts)_____

If Power Factor not Unity:

Rated Power Factor: (Underexcited)_____ (Overexcited)_____

Minimum Power Factor: (Underexcited)_____ (Overexcited)_____

Single phase Three phase (Check one)

Do export controls apply to this inverter? (Check one) Yes No

- Is the inverter UL 1741 / IEEE 1547.1 Compliant?

Yes No

- Is the inverter certified per UL1741-SA and compliant with ISO-NE’s Inverter Source Requirements Document (ISO-NE SRD)?

Yes No

- Is the inverter certified per UL 1741-SB and compliant with ISO-NE’s Default IEEE 1547-2018 Setting Requirements?

Yes No

If Yes to any of above bullets, include documentation provided by the inverter manufacturer describing the inverter’s UL 1741/IEEE 1547.1 listing.

Battery Storage/Backup Information

Is this Battery an add-on to an existing customer-generator facility? Yes No

If Yes, existing CPG #: _____

Is this Battery: Battery (DC Coupled – No Export) + Solar Yes No

Battery (AC Coupled - Export) + Solar Yes No

Battery Only (AC Coupled - Export) Yes No

Will the battery share an inverter with a Renewable Energy system? Yes No

If Yes, can the battery be charged from the Electric Utility electric distribution grid? Yes No

If No, how is the battery Energy Storage System prevented from being charged by the electric distribution system? _____

Shared Inverter Information (DC coupled inverters with multiple sources)

Quantity: _____

Battery System Manufacturer: _____ Model: _____ Battery Type: _____

Battery Charge/Discharge Rating (kW AC): _____ Battery Energy Capacity (kWh): _____

PF Setting: _____ DC Source/Prime Mover: _____

Do export controls apply to this inverter? (Check one) Yes No

- Is the inverter UL 1741 / IEEE 1547.1 Compliant?
Yes No
- Is the inverter certified per UL1741-SA and compliant with ISO-NE's Inverter Source Requirements Document (ISO-NE SRD)?
Yes No
- Is the inverter certified per UL 1741-SB and compliant with ISO-NE's Default IEEE 1547-2018 Setting Requirements?
Yes No

If Yes to any of above bullets, include documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.

Dedicated Inverter Information (inverters with only batteries for DC source)

Quantity: _____

Battery System Manufacturer: _____ Model: _____ Battery Type: _____

Battery Charge/Discharge Rating (kW AC): _____ Battery Energy Capacity (kWh): _____

PF Setting: _____ DC Source/Prime Mover: _____

Do export controls apply to this inverter? (Check one) Yes No

- Is the inverter UL 1741 / IEEE 1547.1 Compliant?
Yes No
- Is the inverter certified per UL1741-SA and compliant with ISO-NE's Inverter Source Requirements Document (ISO-NE SRD)?
Yes No
- Is the inverter certified per UL 1741-SB and compliant with ISO-NE's Default IEEE 1547-2018 Setting Requirements?
Yes No

If Yes to any of above bullets, include documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.

Battery Intended Use and Operation

Please provide a sequence of operations explaining how the system will operate under normal and off-grid conditions (explain how the battery will disconnect and reconnect to the grid). Please provide the type of switching and indicate if it is self-contained or utilizes separate components. An example would be self-contained device with DC to AC inverter, battery charger, and integrated AC transfer switch. On your one-line diagram please label the various equipment (inverter(s), charge controllers, switches, etc.) so that your written operational equipment discussion matches the one-line diagram. If your system rated kW out flow to the grid is restricted by control logic (outflow kW is less than inverter total capacity), then indicate the worst case out-flow capacity.

Limited-Export / Non-Export / Limited-Import Data:

If multiple export control systems are used, provide for each control system and use additional sheets if needed.

Is export controlled to less than the Total Aggregate Nameplate Rating? Yes No

Method of export limitation:

- Power Control System Reverse Power Protection
 Minimum Power Protection Other (describe): _____

Export controls are applied to how many generators? Multiple One

If Power Control System is used, open loop response time: _____(s)

Power Control System output limit setting: (kW) _____(kVA) _____

Energy Storage System Power Control System operating mode:

- Unrestricted Export Only Import Only No Exchange

Describe which Generators the export control system controls: _____

3.Applicant Signature (may be electronic)

I hereby certify that, to the best of my knowledge, all the information provided in this Interconnection Application is true and correct.

Signed: _____

Title: _____

Date: _____

Operation is contingent on Utility approval to interconnect the Project and receipt of all other required regulatory approvals.

PUC Case No. 19-0856-RULE - SERVICE LIST

Beren Argetsinger
Keyes & Fox LLP
bargetsinger@kfwlaw.com

(for Sunrun Inc.)

M. Chris Blanchard
Bristol Electronics, Inc.
PO Box 226
Bristol, VT 05443
solarchasers@gmavt.net

(for Bristol Electronics)

Victoria J. Brown, Esq.
Vermont Electric Cooperative, Inc.
42 Wescom Road
Johnson, VT 05656
vbrown@vermontelectric.coop

(for Vermont Electric
Cooperative Inc.)

Cyril Brunner
Vermont Electric Cooperative, Inc.
42 Wescom Road
Johnson, VT 05656
cbrunner@vermontelectric.coop

(for Vermont Electric
Cooperative Inc.)

Molly Connors
ISO New England, Inc.
One Sullivan Road
Holyoke, MA 01040-2841
Molly.Connors@iso-ne.com

(for ISO New England
Inc.)

Alex DePillis
Agency of Agriculture Food & Markets
116 State Street
Drawer 20
Montpelier, VT 05620-2901
Alex.DePillis@vermont.gov

(for Vermont Agency of
Agriculture, Food and
Markets)

Jonathan Dowds
Renewable Energy Vermont
33 Court Street
Montpelier, VT 05602
jonathan@revermont.org

(for Renewable Energy
Vermont)

Steven R Farman
Vermont Public Power Supply Authority
5195 Waterbury-Stowe rd
Waterbury Center, VT 05766
sfarman@vppsa.com

(for Vermont Public
Power Supply Authority)

Grace Grundhauser
Green Mountain Power Corporation
163 Acorn Lane
Colchester, VT 05446
grace.grundhauser@greenmountainpower.com

(for Green Mountain
Power Corporation)

Michael J. Hall
Stackpole & French Law Offices
PO Box 819
Stowe, VT 05672
mhall@stackpolefrench.com

(for Town of Stowe
Electric Department)
(for Village of Hyde
Park Electric
Department)

Cindy Ellen Hill, Esq.
Hill Attorney PLLC
144 Mead Lane
Middlebury, VT 05753
lawyerhill@yahoo.com

Michael Lazorchak
Town of Stowe Electric Department
PO Box 190
Stowe, VT 05672
mlazorchak@stoweelectric.com

(for Town of Stowe
Electric Department)

Tom Lyle
Burlington Electric Department
585 Pine St
Burlington, VT 05401
tlyle@burlingtonelectric.com

(for City of Burlington
Electric Department)

Thomas Melone, Esq.
Allco Renewable Energy Limited
157 Church St
19th floor
New Haven, CT 06510
thomas.melone@gmail.com

(for Allco Renewable
Energy Limited)

Liz Miller
Green Mountain Power
163 Acorn Lane
Colchester, VT 05446
Liz.Miller@greenmountainpower.com

(for Green Mountain
Power Corporation)

David John Mullett, Esq.
aLLEARTH REnewables, Inc.
94 Harvest Lane
Williston, VT 05495
dmullett@allearthrenewables.com

(for ALLEARTH
RENEWABLES, INC.)

William Powell
Washington Electric Cooperative, Inc.
PO Box 8
East Montpelier, VT 05651
bill.powell@wec.coop

(for Washington Electric
Cooperative Inc.)

Jackie Pratt
Town of Stowe Electric Department
PO Box 190
Stowe, VT 05672
jpratt@stoweelectric.com

(for Town of Stowe
Electric Department)

Chris Rauscher
595 Market Street, Floor 29
San Francisco, CA 94015
chris.rauscher@sunrun.com

(for Sunrun Inc.)

Steven Rymsha
Sunrun, Inc.
595 Market Street
29th Floor
San Francisco, CA 94105
steven.rymsha@sunrun.com

(for Sunrun Inc.)

S Mark Sciarrotta
Vermont Electric Power Company, Inc.
366 Pinnacle Ridge Road
Rutland, VT 05701
msciarrotta@velco.com

(for Vermont Electric
Power Company, Inc.)

Sky Stanfield
Shute, Mihaly & Weinberger LLP
396 Hayes Street
SAN FRANCISCO, CA 94102
stanfield@smwlaw.com

(for Interstate Renewable
Energy Council, Inc.)

Karen Wescom
Village of Hyde Park Electric Department
PO Box 400
Hyde Park, VT 05655
karen@hydeparkvt.com

(for Village of Hyde
Park Electric
Department)

Alexander Wing
Vermont Department of Public Service
112 State Street
Montpelier, VT 05620
alexander.wing@vermont.gov

(for Vermont
Department of Public
Service)

John Ross Woodward
Goodenough LLC
jwoodward@dynorganics.com

Brian Evans-Mongeon
Village of Hyde Park Electric Department
PO Box 400
Hyde Park, VT 05655
brian.evans-mongeon@utilitysvcs.com

(for Village of Hyde
Park Electric
Department)