

DER Interconnection Application and Agreement

Grand Valley Rural Power Lines, Inc.

Level 1 Distributed Energy Resource Interconnection Application and Plan J Agreement for inverter-based systems of 25kW or Smaller

Application Information

Application Date: _____

Application Fee: \$350.00 must accompany this application.

Section A: Interconnection Customer Information

Name: _____

Contact Person: _____

Mailing Address: _____

City: _____, **State** _____ **Zip Code:** _____

Phone (Day): _____ **Phone (Evening):** _____ **Phone (Cell):** _____

Fax _____ **Email** _____

Section B: Engineering Firm or Installer (if Applicable)

Name: _____

Contact Person: _____

Mailing Address: _____

City: _____, **State** _____ **Zip Code:** _____

Phone (Day): _____ **Phone (Evening):** _____ **Phone (Cell):** _____

Fax _____ **Email** _____

Section C: Additional Contact and Facility Owner

Name: _____

Contact Person: _____

Mailing Address: _____

City: _____, **State** _____ **Zip Code:** _____

Phone (Day): _____ **Phone (Evening):** _____ **Phone (Cell):** _____

Fax _____ **Email** _____

Distributed Energy Resource Information

Installation Address: _____

GVP Customer Account Number: _____

Inverter Manufacturer: _____

Inverter Model: _____

Inverter Nameplate Rating: _____ kW AC / _____ kVA AC

Phase: Single Phase ____ Three Phase ____

System Design Capacity: _____ kW DC

Prime Mover: Photovoltaic ____ Reciprocating Engine ____ Fuel Cell ____

Turbine ____ Other ____

Energy Source: Solar ____ Wind ____ Hydro ____ Other ____

UL1741 Listed? Yes ____ No ____

Estimated Installation Date: _____

Estimated In-Service Date: _____

Capacity limits: Residential service locations are limited to 10 kW DC. Qualified commercial and industrial service locations are limited to 25 kW DC or 120% of the previous 12 months' consumption history at the service location, not to exceed 100 kW DC.

Energy Storage Systems and Meter Collar Adapters (MCA)

Energy storage included? Yes ____ No ____

ESS power control operating mode: Energy Storage Systems must be set to “Import only”

Battery Manufacturer: _____

Battery Model: _____ **Quantity** _____

Total Energy Capacity kWh _____ Total Output Power kW _____

Whole Home Backup ____ Critical Loads ____ TOU ____

UL Listed? _____ **UL Certification #** _____

Meter Collar Adapter (MCA) included? Yes ____ No ____

MCA Manufacturer: _____

MCA Model: _____

Installation Method:

Standalone Configuration: _____ Behind the Meter: _____

All Meter Collar Adapters must be installed by GVP Personnel only, or GVP Personnel must be present when the MCA is installed. _____

Please see **GVP.org** or email dg@gvp.org for the current list of approved MCA Devices. If an MCA is installed, a signed Meter Socket Adapter Waiver of Liability Form must accompany this Application. See **GVP.org** or email dg@gvp.com to receive this form.

Certified Components

#	Equipment Type	Certifying Entity
1	_____	_____
2	_____	_____
3	_____	_____
4	_____	_____
5	_____	_____

Customer Certifications and Utility Acceptance

I acknowledge that the equipment and operating information provided in this application is true and correct. I certify, to the best of my knowledge, that the information provided in this application is true. I agree to abide by the terms and conditions for interconnecting an inverter-based interconnection resource and to return the Certificate of Completion when the resource has been installed.

Equipment Vendor Signature: _____ **Date:** _____

Printed Name: _____ **Company:** _____

Customer Signature: _____ **Date:** _____

Printed Name: _____

For Grand Valley Power use only:

Company Signature: _____ Date: _____ Title:

System Inspection By: _____ Date: _____

Grand Valley Power waives inspection/witness test? Yes ____ No ____

Plan J Distributed Energy Resource Interconnection Agreement

This Agreement is made between Grand Valley Rural Power Lines, Inc., referred to as the Utility, and the Interconnection Customer. Service supplied under the applicable rate tariff is subject to this Agreement, the Utility's Rules and Regulations, the Utility's Interconnection Policy, and applicable rate tariffs, as each may be changed from time to time. Current rate tariffs and policies are available at GVP.org

- 1) The Interconnection Customer plans to construct, own, operate, and maintain a Distributed Energy Resource Facility interconnected with the Utility's electric system for parallel operation at the installation address with a DC design capacity of _____ kW. The Interconnection Customer may proceed to construct the Facility upon the Utility's approval of the interconnection request.
- 2) The Interconnection Customer may operate the Facility once the required electrical inspection has been obtained, a lockable AC disconnect switch labeled "Utility Disconnect Switch" has been installed, the Interconnection Agreement and Certificate of Completion have been returned, and the Utility has completed its inspection.
- 3) The Utility may disconnect the Facility in the event of improper installation, unsafe operation, failure to return the Certificate of Completion, scheduled or unscheduled outages, emergency conditions, or operation inconsistent with this Agreement, the Utility's Rules and Regulations, or the Utility's Interconnection Policy.
- 4) The Interconnection Customer is responsible for operating, maintaining, and repairing the Facility so that it always complies with applicable interconnection standards, procedures, and guidelines.
- 5) The Utility shall have access to the disconnect switch and metering equipment at all times, with reasonable notice when possible and immediate access during emergencies.
- 6) The Utility may temporarily disconnect the Facility upon the following conditions:
 - a) If, in the opinion of the Utility, the Interconnection Customer's operation of the Facility or interconnection equipment threatens to harm the Utility's personnel, equipment, or the customers' equipment, the Utility shall, at its sole discretion, cease parallel electrical generation and/or physically disconnect the Interconnection Customer's Facility from the Utility's electric system. Verbal notice of the disconnection will be provided to the Interconnection Customer's Facility operator. Written notice of the disconnection shall be provided to the Interconnection Customer no later than three (3) business days subsequent to the disconnection: or

- b) For scheduled outages, the Utility will attempt to contact the Interconnection Customer to notify and schedule the outages; or
 - c) For unscheduled outages or emergency conditions; or
 - d) If the Facility does not operate in a manner consistent with the terms and conditions of this agreement, the Utility's Rules and Regulations, or the Utility's Interconnection Policy.
- 7) Each Party shall be responsible for and shall defend, indemnify, and hold the other Party harmless from claims or causes of action for personal injury, death, losses, damages, costs, expenses, court costs, and attorney fees arising from operations, equipment, facilities, acts, or omissions on that Party's side of the point of connection, subject to applicable limitations and allocation of fault.
 - 8) For systems with a capacity of 100 kW or less, the Interconnection Customer is not required to secure additional insurance or provide general liability insurance coverage as part of this Agreement.
 - 9) Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense shall be limited to direct damages actually incurred. Neither Party shall be liable for indirect, incidental, special, consequential, or punitive damages except as otherwise allowed by the terms of this Agreement.
 - 10) This Agreement may be terminated by written notice from the Interconnection Customer, by the Utility if the Facility fails to operate for any consecutive 12-month period, or by the Utility if the Interconnection Customer fails to remedy a violation of this Agreement. Rights and obligations arising before termination shall survive as necessary.
 - 11) Upon termination, the Utility may permanently disconnect its facilities or direct the Interconnection Customer to permanently disconnect the Facility.
 - 12) The Utility shall provide, own, operate, and maintain the meter necessary to measure electric power and energy supplied by the Utility and net energy produced by the Facility. The Utility will work with the Interconnection Customer to determine appropriate meter, metering equipment, and disconnect locations.
 - 13) Utility-owned service equipment shall be installed, owned, operated, and maintained by the Utility. Service entrance materials, equipment, switches, protective devices, and Facility equipment shall be installed, owned, operated, and maintained by the Interconnection Customer unless otherwise agreed.
 - 14) The Interconnection Customer shall notify the Utility of any service failure or damage to equipment necessary for service under this Agreement. The Utility shall repair or replace Utility equipment as soon as practicable, subject to operating schedules.
 - 15) The Interconnection Customer shall be billed for electric power and energy delivered by the Utility under the applicable rate tariff, including applicable minimum charges, even

in months when negative or no net electric consumption by the Interconnection Customer results. Excess production shall be accounted for and credited under the currently approved net-metering tariff. (GEN-1)

- 16) The interconnection agreement shall survive the transfer of ownership of the generating facility to a new owner when the new owner signs the Agreement to Purchase Electric Service from Grand Valley Power. Alternatively, the new owner can enter into a new Interconnection Agreement with Grand Valley Power. This Agreement shall remain in force from the date signed until terminated by either Party by written notice to the other Party.

Execution

In witness whereof, the Parties have caused this DER Interconnection Application and Agreement to be executed in their respective names as of the dates written below.

Interconnection Customer: _____

Title: _____ **Date:** _____

Grand Valley Rural Power Lines, Inc.: _____

Title: _____ **Date:** _____