

Application, Procedures, and Terms and Conditions for  
Interconnecting a Certified Inverter-Based Small  
Generating Facility No Larger than 10 kW  
(10 kW Inverter Process)

## Procedures

- 1.0 The Interconnection Customer (“Customer”) completes the Interconnection Request (“Application”) and submits it to the Distribution Provider (“Pioneer Electric Cooperative”).
- 2.0 Pioneer Electric Cooperative acknowledges to the Customer receipt of the Application within three Business Days of receipt.
- 3.0 Pioneer Electric Cooperative evaluates the Application for completeness and notifies the Customer within ten Business Days of receipt that the Application is or is not complete and, if not, advises what material is missing.
- 4.0 Pioneer Electric Cooperative verifies that the Small Generating Facility can be interconnected safely and reliably using the screens contained in the Fast Track Process in the Small Generator Interconnection Procedures (SGIP). Pioneer Electric Cooperative has 15 Business Days to complete this process. Unless Pioneer Electric Cooperative determines and demonstrates that the Small generating Facility cannot be interconnected safely and reliably, Pioneer Electric Cooperative approves the Application and returns it to the Customer. Note to Customer: Please check with Pioneer Electric Cooperative before submitting the Application if disconnection equipment is required.
- 5.0 After installation, the Customer returns the Certificate of Completion to Pioneer Electric Cooperative. Prior to parallel operation, Pioneer Electric Cooperative may inspect the Small Generating Facility for compliance with standards which may include a witness test, and may schedule appropriate metering replacement, if necessary.
- 6.0 Pioneer Electric Cooperative notifies the Customer in writing that interconnection of the Small Generating Facility is authorized. If the witness test is not satisfactory, Pioneer Electric Cooperative has the right to disconnect the Small Generating Facility. The Customer has no right to operate in parallel until a witness test has been performed, or previously waived on the Application. Pioneer Electric Cooperative is obligated to complete this witness test within ten Business Days of the receipt of the Certificate of Completion. If Pioneer Electric Cooperative does not inspect within ten Business Days or by mutual agreement of the Parties, the witness test is deemed waived.
- 7.0 Contact Information – The Customer must provide the contact information for the legal applicant (i.e. the Interconnection Customer). If another entity is responsible for interfacing with the Company, that contact information must be provided on the Application.
- 8.0 Ownership Information – Enter the legal names of the owner(s) of the Small Generating Facility. Include the percentage ownership (if any) by any utility or public utility holding company, or by any entity owned by either.
- 9.0 UL1741 Listed – This standard (“Inverters, Converters, and Controllers for Use in Independent Power Systems”) addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL1741. This “listing” is then marked on the equipment and supporting documentation.

# Application for Interconnecting a Certified Inverter-Based Small Generating Facility No Larger than 10kW

This Application is considered complete when it provides all applicable and correct information required below. Additional information to evaluate the Application may be required.

## Processing Fee

A non-refundable processing fee of \$100 must accompany this Application.

## Interconnection Customer

Name:

Contact Person:

Address:

City:

State:

Zip:

Telephone:

E-Mail Address:

## Contact (if different from Interconnection Customer)

Name:

Address:

City:

State:

Zip:

Telephone:

E-Mail Address:

Owner of the facility (include % ownership by any electric utility):

## Small Generating Facility Information

Location (if different from above):

Electric Service Company: Pioneer Electric Cooperative

Account Number:

Inverter Manufacturer:

Inverter Model:

Inverter Nameplate Rating in kW and AC volts:

Is the inverter single phase or three phase:

System design capacity:

Please Select Prime Mover:

Is this equipment UL1741 Listed:

Estimated Installation Date:

Estimated In-Service Date:

The 10 kW inverter Process is available only for inverter-based Small Generating Facilities no larger than 10 kW that meet the codes, standards, and certification requirements of Attachments 3 and 4 of the Small Generator Interconnection Procedures (SGIP), or the Distribution Provider has reviewed the design or tested the proposed Small Generating Facility and is satisfied that it is safe to operate.

List components of the Small Generating Facility equipment package that are currently certified:

Equipment Type:

Certifying Entity:

Interconnection Customer Signature:

I hereby certify that, to the best of my knowledge, the information provided in this Application is true. I agree to abide by the terms and conditions for Interconnecting an Inverter-Based Small Generating Facility No Larger than 10kW and return the Certificate of Completion when the Small Generating Facility has been installed.

Signed:

Title:

Date:

Contingent Approval to Interconnect the Small Generating Facility

(For Pioneer Electric Cooperative use only)

Interconnection of the Small Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting an Inverter-Based Small Generating Facility No Larger than 10kW and return of the Certificate of Completion.

Company Signature:

Title:

Date:

Application ID Number:

Company waives inspection\witness test?

# Small Generating Facility Certificate of Completion

Is the Small Generating Facility owner-installed?

Interconnection Customer:

Contact Person:

Address:

Location of the Small Generating Facility if different from above:

Address:

City:

State:

Zip:

Telephone:

Email Address:

## Electrician

Name:

Address:

City:

State:

Zip:

Telephone:

Email Address:

License Number:

Date Approval to Install Facility granted by Pioneer Electric Cooperative:

## Inspection

The Small Generating Facility has been installed and inspected in compliance with the local building\electrical code of:

Signed (Local electrical wiring inspector, or attach signed electrical inspection):

Print Name:

Date:

As a condition of interconnection, you are required to send a copy of this form along with a copy of the signed electrical permit to:

Pioneer Electric Cooperative

c/o Kristen Koehn, Ross Riley

PO Box 368

Ulysses, KS 67880

[kkoehn@pioneerelectric.coop](mailto:kkoehn@pioneerelectric.coop)

[rriley@pioneerelectric.coop](mailto:rriley@pioneerelectric.coop)

Approval to Energize the Small Generating Facility (For Pioneer Electric Cooperative use only)

Energizing the Small Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting an Inverter-Based Small Generating Facility No Larger than 10kW.

Company Signature:

Title:

Date:

## Terms and Conditions for Interconnecting an Inverter-Based Small Generating Facility No Larger than 10kW

### 1.0 Construction of the Facility

The Interconnection Customer (the "Customer") may proceed to construct (including operational testing not to exceed two hours) the Small Generating Facility when the Distribution Provider (Pioneer Electric Cooperative) approves the Interconnection Request (the "Application") and returns it to the Customer.

### 2.0 Interconnection and Operation

The Customer may operate Small Generating Facility and interconnect with Pioneer Electric Cooperative's electric system once all of the following have occurred:

2.1 Upon completing construction, the Customer will cause the Small Generating Facility to be inspected or otherwise certified by the appropriate local electrical wiring inspector with jurisdiction, and

2.2 The Customer returns the Certificate of Completion to the Company, and

2.3 Pioneer Electric Cooperative has either:

2.3.1 Completed its inspection of the Small Generating Facility to ensure that all equipment has been appropriately installed and that all electrical connections have been made in accordance with applicable codes. All inspections must be conducted by Pioneer Electric Cooperative, at its own expense, within ten Business Days after receipt of the Certificate of Completion and shall take place at a time agreeable to the Parties. Pioneer Electric Cooperative shall provide a written statement that the Small Generating Facility has passed inspection or shall notify the Customer of what steps it must take to pass inspections as soon as practicable after the inspection takes place; or

2.3.2 If Pioneer Electric does not schedule an inspection of the Small Generating Facility within ten business days after receiving the Certificate of Completion, the witness test is deemed waived (unless the Parties agree otherwise); or

2.3.3 The company waives the right to inspect the Small Generating Facility.

2.4 Pioneer Electric Cooperative has the right to disconnect the Small Generating Facility in the event of improper installation or failure to return the Certificate of Completion.

2.5 Revenue quality metering equipment must be installed and tested in accordance with applicable ANSI standards.

### 3.0 Safe Operation and Maintenance

The Customer shall be fully responsible to operate, maintain and repair the Small Generating Facility as required to ensure that it complies at all times with the interconnection standards to which it has been certified.



#### 4.0 Access

Pioneer Electric Cooperative shall have access to the disconnect switch (if the disconnect switch is required) and metering equipment of the Small Generating Facility at all times. Pioneer Electric Cooperative shall provide reasonable notice to the Customer when possible prior to using its right of access.

#### 5.0 Disconnection

The Company may temporarily disconnect the Small Generating Facility upon the following conditions:

5.1 For scheduled outages upon reasonable notice.

5.2 For unscheduled outage or emergency conditions.

5.3 If the Small Generating Facility does not operate in the manner consistent with these terms and conditions.

5.4 Pioneer Electric shall inform the Customer in advance of any scheduled disconnection, or as is reasonable after an unscheduled disconnection.

#### 6.0 Indemnification

The Parties shall at all times indemnify, defend, and save the other Party harmless from, any and all damages, losses, claims, including claims and actions relating to injury to or death of any person or damage to property, demand, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the other Party's action or inactions of it obligations under this agreement on behalf of the indemnifying Party, except in the case of gross negligence or intentional wrongdoing by the indemnified Party.

#### 7.0 Insurance

The Parties each agree to maintain commercially reasonable amounts of insurance.

#### 8.0 Limitation of Liability

Each party's liability to the other party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either party be liable to the other party for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever, except as allowed under paragraph 6.0.

#### 9.0 Termination

This agreement to operate in parallel may be terminated under the following conditions:

9.1 By the Customer

By providing written notice to Pioneer Electric Cooperative.

9.2 By Pioneer Electric Cooperative

If the Small Generating Facility fails to operate for any consecutive 12 month period or the Customer fails to remedy a violation of these Terms and Conditions.

#### 9.3 Permanent Disconnection

In the event this Agreement is terminated, Pioneer Electric Cooperative shall have the right to disconnect its facilities or direct the Customer to disconnect its Small Generating Facility.

#### 9.4 Survival Rights

This Agreement shall continue in effect after termination to the extent necessary to allow or require either Party to fulfill rights or obligations that arose under the Agreement.

#### 10.0 Assignment/Transfer of Ownership of the Facility

This agreement shall survive the transfer of ownership of the Small Generating Facility to a new owner when the new owner agrees in writing to comply with the terms of this Agreement and so notifies Pioneer Electric Cooperative.