



**ALLAMAKEE-CLAYTON ELECTRIC COOPERATIVE**  
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**Standard Application Form and Interconnection Agreement**

**For Lab-Certified Inverter-Based Distributed Generation Facilities  
Less than 40 kVA AC**

AN APPLICATION FEE OF \$500 MUST BE SUBMITTED WITH THE APPLICATION

Application fee includes one trip to the site. If additional trips are required, a \$250 fee per trip will apply.

**Interconnection Applicant Contact Information:**

Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone (Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_  
E-Mail Address: \_\_\_\_\_ Alternate Contact: \_\_\_\_\_

**Equipment Contractor:**

Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone (Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_  
E-Mail Address: \_\_\_\_\_  
License Number: \_\_\_\_\_ Active License? Yes \_\_\_ No \_\_\_

**Distributed Generation Facility Location:**

Facility Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
**Account Number:** \_\_\_\_\_ **Service Location Number:** \_\_\_\_\_

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**Co-op Use:**  Application Received: \_\_\_\_\_  Payment Received: \_\_\_\_\_  
 Heat Meter? Configuration: \_\_\_\_\_ Service Meter Type: \_\_\_\_\_  
Existing Transformer Size: \_\_\_\_\_  Bill for Transformer Upgrade? \$ \_\_\_\_\_  
Sub: \_\_\_\_\_ Circuit: \_\_\_\_\_ Phase: \_\_\_\_\_ Revised 01/01/2023

**Electrical Contractor (if Different from Equipment Contractor):**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone (Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

License Number: \_\_\_\_\_ Active License? Yes \_\_\_\_ No \_\_\_\_

**Intent of Generation:**

Please indicate the intended use of the generation to be produced by the facility by checking the appropriate box and providing additional explanation if necessary:

**Offset Load:** Unit will operate in parallel but will not export power to Cooperative. If this option is selected, the Cooperative will not purchase any portion of the generation facility output and Attachment 2 is not applicable.

**Self-Use and Sales to the Cooperative:** Unit will operate in parallel and may export and sell excess power to Cooperative pursuant to the Cooperative's tariff and the terms set forth in Attachment 2.

**Back-up Generation:** Units that temporarily operate in parallel with the electric distribution system for more than 100 milliseconds.

(Note: Back-up units that do not operate in parallel for more than 100 milliseconds do not need an interconnection agreement. Under this option, the Cooperative will not purchase any portion of the generation facility output and Attachment 2 is not applicable).

**Other:** (Please Explain)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Distributed Generation Facility Information:

Inverter Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

Is the inverter lab certified as that term is defined in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation (199 IAC 45.1)? Yes \_\_\_\_\_ No \_\_\_\_\_

(If yes, attach manufacturer's technical specifications and label information from nationally recognized testing laboratory.)

### System Size:

Generation Facility Nameplate Rating: \_\_\_\_\_ (DC kW) \_\_\_\_\_ (AC kW) \_\_\_\_\_ (AC Volts)

### Energy Source:

WIND  SOLAR  BIOMASS  HYDRO  DIESEL  NATURAL GAS  FUEL OIL

### Energy Converter Type:

WIND TURBINE  PHOTOVOLTAIC CELL  FUEL CELL  RECIPROCATING ENGINE  OTHER

### Solar System Information:

Number of Inverters \_\_\_\_\_ Number of Panels \_\_\_\_\_ Watts per Panel \_\_\_\_\_

**Solar System Mounting:**  GROUND MOUNT  ROOF MOUNT

**Commissioning Test Date:** \_\_\_\_\_

(If the Commissioning Test Date changes, the interconnection member-consumer must inform the Cooperative as soon as it is aware of the changed date.)

**Disconnect Switch:** Identify type and location of disconnect switch: \_\_\_\_\_

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### Insurance Disclosure:

The attached terms and conditions contain provisions related to liability and indemnification and should be carefully considered by the interconnection member-consumer. **The Interconnection member-consumer shall carry general liability insurance coverage, such as, but not limited to, homeowner's insurance.**

### Other Facility Information:

One-Line Diagram – A basic drawing of an electric circuit in which one or more conductors are represented by a single line and each electrical device and major component of the installation, from the generator to the point of interconnection, are noted by symbols.

One-Line Diagram attached: \_\_\_\_\_ Yes

Plot Plan – A map showing the distributed generation facility's location in relation to streets, alleys, or other geographic markers.

Plot Plan attached: \_\_\_\_\_ Yes

Generator on site?: \_\_\_\_\_ Yes \_\_\_\_\_ No (Generator must be tied into load side of transfer switch).

**INTERCONNECTION AGREEMENT:** This Application Form and Interconnection Agreement is comprised of **1)** the Level 1 Standard Application Form and Interconnection Agreement; **2)** the Attachment 1 setting forth the Terms and Conditions for Interconnection; **3)** the Attachment 2 setting forth the terms for purchases by the Cooperative from the distributed generation facility, when applicable; and **4)** the Certificate of Completion.

**SERVICE UPGRADE COSTS:** The transformer serving the DG Facility location is required to be as large as the generation facility nameplate AC KW rating. The applicant shall reimburse the Cooperative for additional costs incurred if a transformer upgrade or other service upgrades are required.

**NET METERING:** The Cooperative offers net metering for DG Facility locations rated below 40 KW AC. If the applicant has DG Facilities at multiple Cooperative locations, the sum of the DG system name plate ratings must be less than 40 KW AC for **any** of the DG Facility locations to qualify for net metering.

**12 MONTH REQUIREMENT:** If the Certificate of Completion is not completed and returned to the Cooperative within 12 months following the Cooperative's dated conditional agreement to interconnect below, this Application Form and Interconnection Agreement will automatically terminate and be of no further force and effect.

### Customer Signature

I hereby certify that: (1) I have read and understand the terms and conditions, which are attached hereto by reference; (2) I hereby agree to comply with the attached terms and conditions; and (3) to the best of my knowledge, all the information provided in this application request form is complete and true.

Applicant Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

### Conditional Agreement to Interconnect Distributed Generation Facility

Receipt of the application fee, if any, is acknowledged and, by its signature below, the Cooperative has determined the interconnection request is complete. Interconnection of the distributed generation facility is conditionally approved contingent upon the attached terms and conditions of this Agreement, the return of the attached Certificate of Completion, duly executed verification of electrical inspection and successful witness test.

Cooperative Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

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