Application for Interconnection and Operation of:

 **Solar Generation and Optional Battery Storage**

Residential Member-Owned Distributed Generation

*To be provided to consumer-member requesting interconnection and*

*to be returned to the Electric Cooperative.*

This application must be completed and returned to the Cooperative so the request for interconnection may be reviewed and processed. This application is used by our Cooperative to identify the proposed location and what may be required to enable the interconnection. Every effort should be made to supply as much information as possible. This is an application only and permission to interconnect is not granted until an Interconnection Agreement or Contract has been executed by the Operator/Applicant and the Cooperative. Please refer to *Consumer-Member Guidelines for Electric Power Distributed Generation Installation and Interconnection* for additional information.

**PART 1 – General Information**

**OPERATOR / APPLICANT**

Company / Consumer Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Electric Cooperative Account Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ City: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_County: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_State: \_\_\_\_\_\_\_ Zip Code: \_\_\_\_\_\_\_\_\_\_\_ Contact Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fax Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PROPOSED INTERCONNECTION LOCATION (if known)**

Street Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_County: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_State: \_\_\_\_\_\_\_ Zip Code: \_\_\_\_\_\_\_\_\_\_\_

Account and/or Meter Number (if located at an existing account): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Any additional project location information that will help to identify the proposed location (cross streets, towns, pole numbers, etc.): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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

**DESIGNER / ENGINEER (if applicable)**

Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mailing Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ City: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_County: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_State: \_\_\_\_\_\_\_ Zip Code: \_\_\_\_\_\_\_\_\_\_ Contact Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Fax Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## CONTRACTOR / INSTALLER (if applicable)

Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mailing Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ City: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_County: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_State: \_\_\_\_\_\_\_ Zip Code: \_\_\_\_\_\_\_\_\_\_ Contact Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Fax Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PART 2 – Technical Information**

**Complete all applicable information.**

**TYPE:** **Choose All that Apply**:

Photovoltaic (Solar) \_\_\_\_\_\_\_\_ Battery \_\_\_\_\_\_\_\_ Electric Vehicle (EV) \_\_\_\_\_\_\_\_

If Solar, will the panels be mounted on the rooftop? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PANEL DATA**

Manufacturer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total number of units: \_\_\_\_\_\_\_\_ Rated Power (for one unit. STC): \_\_\_\_\_\_\_\_W or \_\_\_\_\_\_\_\_VA

Rated Power Factor (%): \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Rated Voltage: \_\_\_\_\_\_\_\_\_\_\_\_ Rated Amperes: \_\_\_\_\_\_\_\_\_

**INVERTER DATA**

Manufacturer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rated Power Factor (%): \_\_\_\_\_\_\_ Rated Voltage (Volts): \_\_\_\_\_\_\_\_\_ Rated Amperes: \_\_\_\_\_\_\_\_\_\_\_

Inverter Type (step, pulse-width modulation, etc): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total number of units: \_\_\_\_\_\_\_\_ Type commutation: Forced \_\_\_\_\_\_ Line \_\_\_\_\_\_

Harmonic Distortion:

Maximum Single Harmonic (%) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Maximum Total Harmonic (%) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Complies with standards (check all that apply):

UL1741: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ UL 1741 SA: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

IEEE 154-2018: \_\_\_\_\_\_\_\_\_\_\_ IEEE 1547.1-2020: \_\_\_\_\_\_\_\_\_\_\_\_\_ Others: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Note: Inverters may be required to comply with UL 1741 and the most recent IEEE 1547 (IEEE 1547-2018) standards. To find the standards with which the inverter complies, please look at the specification sheet or the inverter manual. If the inverter is not in compliance with these standards, it does not necessarily mean that the application for connection will be denied. The co-op distributed generation interconnection expert will be able to provide guidance on how to proceed.***

**BATTERY STORAGE (if applicable)**

Technology (e.g., Li-ion, lead-acid, etc.): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Manufacturer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

AC Power (kW): \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Capacity (kWh):\_\_\_\_\_\_\_\_\_\_\_\_ Duration (hours):\_\_\_\_\_\_\_\_\_\_

AC Roundtrip efficiency (%): \_\_\_\_\_\_ Rated Voltage (Volts): \_\_\_\_\_\_\_\_ Rated Amperes: \_\_\_\_\_\_\_\_

Complies with standards (check all that apply):

UL1974: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ UL 9540: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ NFPA 855: \_\_\_\_\_\_\_\_\_\_\_\_

IEEE 1547-2018: \_\_\_\_\_\_\_\_ IEEE 1547.1-2020: \_\_\_\_\_\_\_\_\_ Others: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Note: To find the standards with which the battery storage complies, please look at the specification sheet or the battery storage manual. If the battery storage is not in compliance with these standards, it does not necessarily mean that the application for connection will be denied. The co-op distributed generation interconnection expert will be able to provide guidance on how to proceed.***

**DESCRIPTION OF PROPOSED INSTALLATION AND OPERATION**

Give a general description of the proposed installation, including a detailed description of its planned location, the date you plan to operate the generator, the frequency with which you plan to operate it, and whether you plan to operate it during on or off-peak hours.

**PART 3 – Signature**

The Applicant understands that this application is non-binding and does not confer any rights; and that the Applicant must still successfully execute an Interconnection Agreement or Contract with the Cooperative in order to receive permission to interconnect to the Cooperative’s system. This application serves only to initiate the process of request for interconnection and provides essential information for discussion and evaluation of the Applicant’s intended plans for interconnection of a distributed generation source.

Operator / Applicant (Printed)

Operator / Applicant (Signature) Date