

# Brown County Rural Electrical Association

## Simplified Interconnection Application



Persons interested in applying for the interconnection of a distributed energy resource (DER) to the Utility’s distribution system through the Simplified Process are to fill out this Simplified Interconnection Application. The Simplified Interconnection Application is to be used for inverter-based DER technologies with the capacity of 20 kW AC or less and is to be filled out completely by the Applicant. The Simplified Application shall be returned to the Utility with the requested material information and a non-refundable \$100 application fee.

Proposed DER interconnections to the Utility’s distribution submitted under the Simplified Process may be moved into the Fast Track Process if engineering screens are failed during the Simplified Interconnection Application review. Timeline for review of the Simplified Application is as follows:

- Upon receipt of a Simplified Interconnection Application the Utility has 10 business days to review the application for completeness.
- If the application is deemed incomplete, the Utility shall notify the Applicant of what additional information material is required.
- The Applicant has 5 business days to return the missing information material or their application may lose its queue position and be deemed withdrawn.
- The Utility shall have a total of 20 business days to review the Simplified Interconnection Application, not including time waiting for additional information material to deem the application completed.
- The Utility will notify the Application if the proposed DER system is preliminary approved for interconnection or if the proposed DER system will need to be moved in the Fast Track Process.

The Interconnection Application is to be filled out completely by the applicant or as noted in each section of the application. Section that are noted with \* are required to be filled out along with bolded items.

<b>Checklist for Submission to Area EPS Operator</b>	
<i>The items below shall be included with submittal of the Interconnection Application to the Area EPS Operator. Failure to include all items will deem the Interconnection Application incomplete.</i>	
	<b>Included</b>
\$100 Non-Refundable Processing Fee	<input type="checkbox"/> Yes
One-line diagram (See TSM for more details)	<input type="checkbox"/> Yes
Documentation showing site control	<input type="checkbox"/> Yes
Site Diagram showing DER system layout (See TSM for more details)	<input type="checkbox"/> Yes
<b>Possible Additional Documentation (See TSM for more details)</b>	
<ul style="list-style-type: none"> <li>• If requesting the DER export capacity to be limited, include information material explaining the limiting capabilities.</li> <li>• Schematic drawings for all protection and control circuits, relay current circuits, relay potential circuits, and alarm/monitoring circuits (if applicable).</li> </ul>	

- Documentation that describes and details the operation of protection and control schemes (if applicable).
- Inverter Specification Sheet(s).

### Interconnection Customer/Owner \*

Full Name (match name of electric service account, if applicable):

Account Number:

Meter Number:

Mailing Address:

Email:

Phone:

### Application Agent \*

Is the Customer using an Application Agent for this application?  Yes  No

*If Interconnection Customer is not using an Applicant Agent, please continue to next section.*

Application Agent:

Company Name:

Email:

Phone:

### DER Location \*

Is the proposed DER system to be located at the Interconnection Customer's mailing address?  Yes  No

*If Yes, please continue to the next section.*

If No, will the proposed DER system be interconnected to an existing electric service?  Yes  No

Please provide the address or GPS coordinates:

If not an existing service, please state the proposed service entrance size (amps):

### General \*

Choose one of the following and provide applicable data:

Application is for a new DER

Aggregate DER nameplate rating of all generation and storage types (kW AC):

Application is for a Capacity Addition to an existing DER

Capacity of existing DER (kW AC):

Capacity proposed to be added (kW AC):

Application is for a Material Modification to an existing DER

If Material Modification to existing facility, please describe:

Distributed Energy Resource will be used for what reason? (Check all that apply):

Net Metering

To only supply power to Interconnection Customer

To only supply power to Area EPS

Installed DER System Cost (before incentives): \$	
<b>Distributed Energy Resource Information *</b>	
Phase configuration of Distributed Energy Resource(s): <input type="checkbox"/> Single-Phase <input type="checkbox"/> Three-Phase	
DER Type (Check all that apply and list aggregate capacity of each type):	
<input type="checkbox"/> Solar Photovoltaics      Size (kW AC):	<input type="checkbox"/> Wind      Size (kW AC):
<input type="checkbox"/> Storage      Size (kW AC):	<input type="checkbox"/> Other      Size (kW AC):
Please specify other:	

<b>Export Capacity Limitation *</b>
Is the Maximum Physical Export Capacity request the same as the nameplate capacity: <input type="checkbox"/> Yes <input type="checkbox"/> No
<i>If Yes, please continue to the next section.</i>
If No, what is the Maximum Physical Export Capacity Requested ( $kW_{ac}$ ):
Is the Export Capacity Limited (e.g. though the use of a control system, power relay(s), or other similar devices setting of adjustment?): <input type="checkbox"/> Yes <input type="checkbox"/> No
<i>If Yes, please attach detailed information describing the method of limiting export capacity.</i>

<b>Inverter Interconnected System Information – non ESS (if applicable) *</b>	
Aggregate Inverter Rating (kW AC):	Number of Total Inverters:
Phase configuration of inverter(s): <input type="checkbox"/> Single-Phase <input type="checkbox"/> Three-Phase	
Voltage of Inverter(s):	
Inverter Manufacturer:	
1. Model No.	Certification <input type="checkbox"/> UL 1741 <input type="checkbox"/> UL 1741-SA <input type="checkbox"/> UL 1741-SB
Inverter Rating (kW AC):	Number of Units of this Model:
2. Model No.	Certification <input type="checkbox"/> UL 1741 <input type="checkbox"/> UL 1741-SA <input type="checkbox"/> UL 1741-SB
Inverter Rating (kW AC):	Number of Units of this Model:
3. Model No.	Certification <input type="checkbox"/> UL 1741 <input type="checkbox"/> UL 1741-SA <input type="checkbox"/> UL 1741-SB
Inverter Rating (kW AC):	Number of Units of this Model:
4. Model No.	Certification <input type="checkbox"/> UL 1741 <input type="checkbox"/> UL 1741-SA <input type="checkbox"/> UL 1741-SB
Inverter Rating (kW AC):	Number of Units of this Model:

Energy Storage System Information (if applicable)	
ESS Inverter Energy Rating (kWh AC):	ESS Inverter Capacity Rating (kW AC):
<b>How will the ESS be used? Select all Use Cases that apply.</b> <input type="checkbox"/> Outage Protection/Backup Power <input type="checkbox"/> Demand Reduction <input type="checkbox"/> No Export <input type="checkbox"/> Time-of-Use Energy Management <input type="checkbox"/> Increased Self-Consumption <input type="checkbox"/> Other	
Please specify other:	
<b>What Operating Modes will be used? Select all Operating Modes that apply.</b> <input type="checkbox"/> Import Only <input type="checkbox"/> Export Only <input type="checkbox"/> No Exchange <input type="checkbox"/> Unrestricted Exchange	
If Export Only is Checked, select all that apply. <input type="checkbox"/> ESS Export is Allowed <input type="checkbox"/> Solar Export is Allowed <input type="checkbox"/> Limited Export is Allowed (please specify export limit amount in kW):	
<b>Is the ESS recharging limited to certain times of the day and/or after a power outage?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please explain:	
<i>If the ESS shares an inverter that is listed in the previous section, please skip the rest of this section.</i>	
Aggregate ESS Inverter Rating (kW AC):	Number of Total ESS Inverters:
Phase configuration of ESS inverter(s):	<input type="checkbox"/> Single-Phase <input type="checkbox"/> Three-Phase
Voltage of ESS Inverter(s):	
ESS Inverter Manufacturer:	
1. Model No.	<b>Certification</b> <input type="checkbox"/> UL 1741 <input type="checkbox"/> UL 1741-SA <input type="checkbox"/> UL 1741-SB
Inverter Rating (kW AC):	<b>Number of Units of this Model:</b>
2. Model No.	Certification <input type="checkbox"/> UL 1741 <input type="checkbox"/> UL 1741-SA <input type="checkbox"/> UL 1741-SB
Inverter Rating (kW AC):	Number of Units of this Model:
3. Model No.	Certification <input type="checkbox"/> UL 1741 <input type="checkbox"/> UL 1741-SA <input type="checkbox"/> UL 1741-SB
Inverter Rating (kW AC):	Number of Units of this Model:
4. Model No.	Certification <input type="checkbox"/> UL 1741 <input type="checkbox"/> UL 1741-SA <input type="checkbox"/> UL 1741-SB
Inverter Rating (kW AC):	Number of Units of this Model:

**Additional Documentation**

Please see the Area EPS Operator’s Technical Specification Manual (TSM) for requirements that need to be on the one-line and site diagram and for example application documentation.

Please see the Interconnection Process (C-MIP) for additional requirements related to Site Control and insurance documentation.

**Interconnection Agreement \***

*Propose DER interconnections under the Simplified Process are eligible to sign the Uniform Statewide Contract. Included in this agreement are payment terms for excess power generated by the proposed DER system the Utility may purchase. In lieu of the Utility’s Uniform Contract for Cogeneration and Small Power Production Facilities, the Interconnection Customer may choose to instead sign the Utility’s Distribution Interconnection Agreement.*

The Interconnection Customer request an Interconnection Agreement to be executed in lieu of the Utility’s Uniform Contract for Cogeneration and Small Power Production Facilities.

Yes       No

**Acknowledgements – Must be completed by Interconnection Customer \***

	Initials
The Interconnection Customer has opportunities to request a timeline extension during the interconnection process. Failure by the Interconnection Customer to meet or request an extension for a timeline outlined in the Interconnection Process could result in a withdrawn queue position and the need to re-apply.	
Propose DER interconnection to the Utility’s distribution submitted under the Simplified Process may be moved into the Fast Track Process if engineering screens are failed during the Interconnection Application review. Interconnection Customer will be contacted regarding the next steps in the Fast Track Process.	

**Application Signature – Must be completed by Interconnection Customer \***

I designate the individual or company listed as my Application Agent to serve as my agent for the purpose of coordinating with the Area EPS Operator on my behalf throughout the interconnection process.

\_\_\_\_\_   
 Initials

I hereby certify that, to the best of my knowledge, the information provided in this Interconnection Application is true and I have appropriate Site Control in conformance with the Interconnection Process. I agree to abide by the terms and conditions for Interconnecting an Inverter-based Distribution Energy Resource No Larger than 20 kW (Simplified Process) and return the Certification of Completion when the DER has been installed.

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

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

**\*\*\*Please print clearly or type and return completed along with any additional documentation\*\*\***