



# INTERCONNECTION APPLICATION FOR MEMBER-CONSUMER OWNED GENERATION GREATER THAN 10kW

**I. PROVIDE MEMBER-CONSUMER PROJECT INFORMATION**

**1. Member-consumer**

<b>Member-consumer Name</b>	<b>Project Contact Person</b>	<b>Contact Phone</b>	<b>Contact Email Address</b>
<b>Facility Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>

**2. Facility**

<b>Reason for Application</b>	<b>If there are multiple meters at this address, specify which location will be net-metered</b>
<input type="checkbox"/> New Facility <input type="checkbox"/> Increased Capacity <input type="checkbox"/> Transfer Ownership	<i>Example: "House", "Garage", etc.</i>
<b>Type of Generator</b>	<b>Power Source</b>
<input type="checkbox"/> Inverter-based <input type="checkbox"/> Synchronous <input type="checkbox"/> Induction	<input type="checkbox"/> Solar <input type="checkbox"/> Wind <input type="checkbox"/> Micro-turbine <input type="checkbox"/> Diesel-fueled reciprocating engine <input type="checkbox"/> Gas-fueled reciprocating engine <input type="checkbox"/> Gas Turbine <input type="checkbox"/> Other _____
<b>Total Generation Capacity of Member-consumer-Generator Facility (kW)</b>	<b>Equipment Certification</b>

<b>Operating Modes</b>	
<input type="checkbox"/> Indicate all possible operating modes for this generator facility. <input type="checkbox"/> Emergency / Standby - Operated when KV REMC service is unavailable. Paralleling is for short durations. <input type="checkbox"/> Peak Shaving - Operated during peak demand periods. Paralleling is for extended times. <input type="checkbox"/> Base Load Power - Operated continuously at a pre-determined output. Paralleling is continuous. <input type="checkbox"/> Cogeneration - Operated primarily to produce thermal energy. Paralleling is extended or continuous. <input type="checkbox"/> Renewable Non-dispatched - Operated in response to an available renewable resource such as solar or wind. Paralleling is for extended times. <input type="checkbox"/> Other _____	
<b>Will the Member-consumer generator facility export Power?</b>	<b>Fees (For internal use only)</b>
<input type="checkbox"/> Yes <input type="checkbox"/> No	\$100 Evaluation Fee + \$1.00 per kW connected.

**3. Professional Services (Contractor/Installer/Engineering Firm)**

<b>Contractor/Installer Name</b>	<b>Contact Phone</b>	<b>Contact Email Address</b>	
<b>Contractor/Installer Name Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>

<b>Engineering Firm Name</b>	<b>Contact Phone</b>	<b>Contact Email Address</b>	
<b>Engineering Firm Name Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>

<b>Self Install</b>
<input type="checkbox"/> Please check if you are installing yourself.

**II. REQUIRED DOCUMENTATION**

For this application to be considered complete, adequate documentation and information must be submitted that will allow Kankakee Valley REMC to determine the impact of the generation facilities on KV REMC's electric system and to confirm compliance by KV REMC's requirements. Typically this should include the following:

*(Continued on back)*



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### II. REQUIRED DOCUMENTATION (CONTINUED)

1. **Single-line diagram of the member-consumer's system** showing all electrical equipment from the generator to the point of interconnection with Kankakee Valley REMC's distribution system, including generators, transformers, switchgear, switches, breakers, fuses, voltage transformer and current transformers.
2. **Control drawings for relays and breakers.**
3. **Site Plans** showing the physical location of major equipment.
4. **Relevant ratings of equipment.** Transformer information should include capacity ratings, voltage ratings, winding arrangements and impedance.
5. **If protective relays are used, settings applicable to the interconnection protection.** If programmable relays are used, a description of how the relay is programmed to operate as applicable to interconnection protection.
6. **For certified\* equipment, documentation confirming that a nationally recognized testing and certification laboratory has listed the equipment.**
7. **A description of how the generator system will be operated,** including all modes of operation.
8. **For inverters, the manufacturer name, model number, and AC power rating, operating manual** or link to manufacturer's web site containing such manual.
9. **For synchronous generators, manufacturer and model number, nameplate ratings and impedance data ( $X_d$ ,  $X'_d$ , &  $X''_d$ ).**
10. **For induction generators, manufacturer and model number, nameplate ratings and locked rotor current.**

This application is subject to further consideration and study by Kankakee Valley REMC and the possible need for additional documentation and information from Member-consumer.

### III. SUBMIT YOUR APPLICATION

#### Submit application electronically

To submit the application electronically, save the completed document to your local drive, and attach it to an email. Send to [dgrequest@kvremc.com](mailto:dgrequest@kvremc.com).  
Be sure to attach ALL required documentation.

#### Submit application manually

Please send your completed application and all required documentation to: **Kankakee Valley REMC**, PO Box 157, Wanatah, IN 46390