**Application for Interconnection**

**Level 2\*\* - Certified\* Inverter-Based Generation Equipment**

**2MW or Less**

Application Date: Click or tap here to enter text.

**Applicant Information**

Customer (Applicant) Name: Click or tap here to enter text.

Applicant Address: Click or tap here to enter text.

City/State/Zip Code: Click or tap here to enter text.

Contact Person:

Phone: Click or tap here to enter text. Email Address: Click or tap here to enter text.

**Generation Site Information**

Service (Site) Address: Click or tap here to enter text.

City/State/Zip Code: Click or tap here to enter text.

Phone Number: Click or tap here to enter text. Lat/Long: Click or tap here to enter text.

Map-Pole Number: Click or tap here to enter text. Meter Number: Click or tap here to enter text.

**Developer Information**

Project Developer Name: Click or tap here to enter text.

Project Development Address: Click or tap here to enter text.

Phone: Click or tap here to enter text. Email Address: Click or tap here to enter text.

Please provide names and contact information for other Contractor and Engineering firms involved in the design and installation of the general facilities:

Click or tap here to enter text.

Click or tap here to enter text.

**Interconnection Information**

Total Generating Capacity Output of Customer Facility (AC Power and Voltage): Click or tap here to enter text.

Type of Generator:  Inverter-Based  Synchronous  Induction

Power Source:  Solar  Wind  Diesel-fueled Reciprocating Engine

Gas-Fueled Reciprocating Engine  Gas Turbine  Microturbine

Other (specify) Click or tap here to enter text.

Battery (If Used) Model: Click or tap here to enter text. Size: Click or tap here to enter text.

Generating Facility is:  Customer Owned  Customer Leased

If the Equipment “Certified”\* as defined by the 10 Administrative Code (“IAC”) 4-4.3-5

Yes  No

Indicate all possible operating modes for this generator facility:

Emergency / Standby – Operated when AES Indiana service is not available. Paralleling is for short durations.

Peak Shaving – Operated during peak demand periods. Paralleling is for extended times.

Base Load Power – Operated continuously at a predetermined output. Paralleling is continuous.

Cogeneration – Operated primarily to produce thermal energy. Paralleling is extended or continuous.

Renewable non-dispatched – Operated in response to an available renewable source such as solar or wind. Paralleling is for extended times.

Other – Describe: Click or tap here to enter text.

Indicate the intended use of power generated from the proposed facility, subject to all applicable regulatory approvals.

Rider 16 – Rate EDG

Sale of power to AES Indiana by Rate CGS

Internal Usage Only

Demand Response Resource

Other – Explain Click or tap here to enter text.

Level of Interconnection Review Requested:

Level 2\*\* for nameplate rating 2MW or less

For this application to be considered complete, adequate documentation and information must be submitted that will allow AES Indiana to determine the impact of the generation facilities on AES Indiana’s electric system and to confirm compliance by Customer with the provisions of and AES Indiana’s requirements. Typically, this should include the following for Level 2 applications:

1. Single-line diagram of the customer’s system showing all electrical equipment from the generator to the point of interconnection with AES Indiana distribution system, including generators, transformers, switchgear, switches, breakers, fuses, voltage transformers, 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 application 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, and AC power rating. Operating manual or link to manufacturer’s website containing such manual.
9. For synchronous generators, manufacturer and model number, nameplate ratings, and impedance data (Xd, 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 AES Indiana and the possible need for additional documentation and information from the Customer.

**Fees**

Level 2 – Initial Review $50 plus, $1/kW of nameplate capacity.

Additional Review1  Non-binding, good faith cost estimate provided to customer.

1Additional Review may be elected by the customer for the case where the facility failed to meet one or more of the applicable requirements and the Initial Review indicated that additional review may enable the Company to approve the application with minor modifications. The applicant cost to conduct the Additional Review is in addition to the initial Review Fee. Actual costs will be billed or credited to the applicant following the completion of the Additional review and minor modifications.

**Insurance Requirements**

The Applicant shall provide evidence of homeowners, commercial or other insurance that provides coverage in the amount of at least $2 million for Comprehensive General Liability and Contractual Liability.

Evidence of Insurance coverage provided with Application.

**Reference Documents**

170 IAC Customer generator interconnection standards are located at: <http://www.in.gov/legislative/iac/T01700/A00040.PDF>

**Submittal of Fees, Application and Documentation**

Fees – Payment for the Initial Review shall be sent to AES Indiana Interconnections, T&D Planning Attn: Room 208, 1230 W Morris St., Indianapolis, IN 46221. Please make checks payable to AES Indiana and include the customer’s name and address on the check.

Application and Documentation – Please send the application and all documentation electronically to [ipl.interconnection@aes.com](mailto:ipl.interconnection@aes.com). All papers copies of documentation should be scanned electronically prior to submittal to AES Indiana.