

Indiana customer generation application for interconnection (levels 2 and 3)



Levels 2 and 3* (generation greater than 10kW)

I. PROVIDE CUSTOMER & PROJECT INFORMATION

1. Customer

Customer name	Project contact person	Contact phone	Contact Email address (optional)	
Customer address	City	State	Zip code	
Project contractors and firms				
Provide names and contact information for other contractors and engineering firms involved in the design and installation of the generation facilities.				

2. Facility

Reason for application	Multiple meters at this address
New Facility Other (e.g. upgrades that increase the capacity of the facility, repairs/updates which do not increase the capacity of the facility, or transfer of ownership) _____ _____	Specify which location will be bi-directional metered. Example: "House", "Garage", etc.
Type of generator	Power source
Inverter-based Synchronous Induction	Gas Turbine Microturbine Diesel-fueled reciprocating engine Gas-fueled reciprocating engine Solar Wind Other _____
Total generating capacity of customer-generator facility (kW)	Equipment certification
	Is the equipment "certified" as defined by 170 Indiana Administrative Code ("IAC") 4-4.3-5? Yes No
Operating modes	
Indicate all possible operating modes for this generator facility. Emergency/standby - Operated when Southern Indiana Gas and Electric Company d/b/a CEI South Indiana South ("CEI South") 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 pre-determined 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 resource such as solar or wind. Paralleling is for extended times. Other	
Will the customer-generator facility export power?	Level of Interconnection Review Requested
Yes (If Yes, how much? (kW) _____) No	Level 2* Level 3*
Fees (please describe the application fee due)	

II. REQUIRED DOCUMENTATION

For this application to be considered complete, adequate documentation and information must be submitted that will allow CEI South to determine the impact of the generation facilities on CEI South's electric system and to confirm compliance by Customer with the provisions of 170 IAC 4-4.3 and CEI South's requirements. Typically this should include the following:

(Continued on back)

* Level 2 and Level 3 as defined in 170 IAC 4-4.3-4(a)
 All positions and references are in accordance to Company's TARIFF FOR ELECTRIC SERVICE (I.U.R.C. No. E-13) and are subject to future changes.

II. REQUIRED DOCUMENTATION (CONTINUED)

1. **Single-line diagram of the customer's system** showing all electrical equipment from the generator to the point of interconnection with CEI South's 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 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 (Xd, X'd, and 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 CEI South and the possible need for additional documentation and information from Customer.

III. SUBMIT YOUR APPLICATION

Submit application electronically

Select the button below and attach all required documentation.

Note: This option may not be available in some PDF viewers.

Submit application manually

Please send your completed application and all required documentation by email to **NewService@CenterPointEnergy.com** or by fax to **888-287-2770.**