

Application for Interconnection – Indiana

Level 2* or Level 3*

Please see Appendix 1 on page 3 of this application for a description of application fees and additional required application information.



APPLICANT INFORMATION

_____			_____		
Customer Name			Account number		
_____			_____		
Customer Address			Phone number		Email address (optional)
_____			_____		
City	State	ZIP code			
_____			_____		
Project contact person (if different than above)			Phone number		Email address (optional)

Provide names and contact information for other contractors, installers or engineering firms involved in the design and installation of the generating facilities:

GENERATING FACILITY INFORMATION

Total generating capacity of customer-generator facility: _____

Type of generator: Inverter-based Synchronous Induction

Energy source: Solar Wind Diesel-fueled reciprocating engine Gas-fueled reciprocating engine
 Gas turbine Microturbine Other – specify: _____

Is the equipment certified as defined by IURC 170 IAC 4-4.3-5? Yes No

Indicate all possible operating modes for this generator facility:

- Emergency/standby – Operated when Duke Energy 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 – describe: _____

Will the generation facility export power? Yes No If so, how much? _____

Level of interconnection review requested: Level 2* Level 3*

Fees (describe here the application fee due): _____

Adequate documentation and information must be submitted with this application to be considered complete. Typically this should include the following:

1. Single-line diagram of the customer’s system showing all electrical equipment from the generator to the point of interconnection with Duke Energy’s distribution system, including generators, transformers, switchgear, switches, breakers, fuses, voltage transformers and current transformers.

*Level 2 or Level 3 as defined in IURC 170 4-4.3-4(a)

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, AC power rating and operating manual or link to manufacturer's website containing such manual.
9. For synchronous generators, manufacturer and model number, nameplate ratings and impedance data (X_d , X'_d and X''_d).
10. For induction generators, manufacturer and model number, nameplate ratings and locked rotor current.

**Certified as defined in IURC 170 IAC 4-4.3-5

Appendix 1

Required for informal interconnection process

APPLICATION FEE

Level 2 Non-Refundable Application Fee: \$50 plus \$1.00 per kW_{AC}

Level 3 Non-Refundable Application Fee: \$100 plus \$2.00 per kW_{AC}

Please make checks payable to Duke Energy Indiana and submit with application to:

Duke Energy Indiana

Attention: Customer Owned Generation – Mail Code ST13A

P.O. Box 1010

Charlotte, NC 28201

Email: CustomerOwnedGeneration@duke-energy.com

Overnight Mailing Address:

Duke Energy Indiana

Attention: Customer Owned Generation – Mail Code ST13A

400 South Tryon Street

Charlotte, NC 28202

ADDITIONAL APPLICANT INFORMATION

- Application is for: _____ New Generating Facility
 _____ Capacity Change to a Proposed or Existing Generating Facility
 _____ Change of Ownership of a Proposed or Existing Generating Facility to a new legal entity
 _____ Change of Control of a Proposed or Existing Generating Facility of the existing legal entity

If capacity addition to existing Generating Facility, please describe: _____

ADDITIONAL GENERATING FACILITY INFORMATION

Generating Facility Address: _____

Street address

City

State

ZIP code

County

Generating Facility is: Customer-Owned or Customer-Leased

APPLICANT SIGNATURE

I hereby certify that, to the best of my knowledge, all information provided in this Application for Interconnection is true and correct.

For Interconnection Customer:

Signature _____
(Authorized Agent of the Legal Entity)

Date: _____

Print Name _____