

Application For Interconnection
Level 2 or Level 3****

Customer Name: _____
Customer Address: _____
Interconnection Address: _____
Project Contact Person: _____
Phone No.: _____ Email Address (Optional): _____

Provide names and contact information for other contractors and engineering firms involved in the design and installation of the generation facilities:

Total Rated "AC" Output Generating Capacity of Customer-Generator Facility (kW): _____

Type of Generator: Inverter-Based Synchronous Induction

Power Source: Solar Wind Diesel-fueled Reciprocating Engine
 Gas-Fueled Reciprocating Engine Gas Turbine Microturbine
 Other (Specify) _____

Is the Equipment "Certified" as defined by 170 Indiana Administrative Code ("IAC") 4-4.3-5
 Yes No

Indicate all possible operating modes for this generator facility:

- Emergency / Standby – Operated when Northern Indiana Public Service Company ("NIPSCO") 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 Customer-Generator Facility export power? Yes No If yes, how much? _____

Level of Interconnection Review Requested:

- Level 2**
- Level 3**

Application For Interconnection
Level 2 or Level 3**** (continued)

FEES

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

For inverters, the manufacturer name, model number, and AC power rating, Operating manual or link to manufacture's web site containing such manual.

8. For synchronous generators, manufacturer and model number, nameplate ratings, and impedance data (X_d , $X'd$, & $X''d$).
9. For induction generators, manufacturer and model number, nameplate ratings, and locked rotor current.

This application is subject to further consideration and study by NIPSCO and the possible need for additional documentation and information from Customer.

Mail to:

NIPSCO: New Business Department
801 E. 86th Avenue, Merrillville, IN 46410

** Level 2 and Level 3 as defined in 170 Indiana Administrative Code 4-4.3-4(a).