

RIDER 679
INTERCONNECTION STANDARDS

Sheet No. 3 of 16

Application For Interconnection
Level 1* - Certified Generation Less Than or Equal to 25 kW**
Level 2 or 3* - Certified Generation Greater Than 25 kW**

This application incorporates, by reference, the terms and requirements, as applicable, of: (1) Excess Distributed Generation Standard under Indiana Code 8-1-40 and 8-1-2.4-2(g); NIPSCO's Rider 679 – Interconnection Standards; NIPSCO's Rider 689 – Excess Distributed Generation Tariff; NIPSCO's Rider 678 – Purchases from Cogeneration and Small Power Production Facilities; NIPSCO's Standards ER 4-200 and ER 4-350; and 170 Indiana Code Article 4.

CUSTOMER INFORMATION

Customer Name: _____ Primary Project Contact _____
Email Address: _____ Contact Phone No.: _____
Customer Facility Address: _____
Customer Mailing or Business Address: _____
Engineering Firms/Contractors Involved in Project & Contacts _____

FACILITY INFORMATION

Program to be Applied for: ☐ EDG or ☐ Cogeneration
Level of Interconnection Review Requested: ☐ Level 1 ☐ Level 2 or ☐ Level 3
Application Request Type: ☐ New or ☐ System Revision to a Proposed or Existing Facility (Describe below)

NIPSCO Account Number: _____
Interconnection Address: _____ City: _____ State: _____ : ZIP: _____
Type of Customer Facility: ☐ Inverter-based ☐ Synchronous ☐ Induction

In kW, the total full load nameplate "AC" Continuous Output Capacity of Customer Facility: _____ (Software output limitations are not an acceptable method of reducing the applied for Customer Facility full load nameplate "AC" continuous output.)

Power Source: ☐ Solar ☐ Wind ☐ Energy Storage Systems ☐ Diesel-fueled Reciprocating Engine ☐ Gas-Fueled Reciprocating Engine ☐ Gas Turbine ☐ Microturbine ☐ Other (Specify) _____
Is the Equipment "certified" to IEEE 1547-2018 & UL 1741 as defined by 170 Indiana Administrative Code 4-4.3-5
☐ Yes ☐ No
Inverter Model Number: _____

Customer Facility Inverter Operating Modes: (Indicate all possible operating modes for the facility)
☐ Constant Power Factor Mode – Operated at a constant power factor specified by the Area EPS operator.
☐ Voltage-Reactive Power Mode – Operated to actively control its reactive power output as a function of voltage following a voltage-reactive power piecewise linear characteristic.
☐ Active Power-Reactive Power Mode – Operated to actively control the reactive power output as a function of the active power output following a target piecewise linear active power-reactive power characteristic, without intentional time delay.
☐ Constant Reactive Power Mode – Operated to maintain a constant reactive power specified by the Area EPS operator.

Issued Date
04/29/2026

Effective Date
02/27/2026



**RIDER 679
INTERCONNECTION STANDARDS**

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Level 1* - Certified Generation Less Than or Equal to 25 kW (Continued)**
Level 2 or 3* - Certified Generation Greater Than 25 kW (Continued)**

☐ Voltage-Active Power (Volt-Watt) Mode – Operated to actively limit the maximum active power as a function of the voltage following a voltage-active power piecewise linear characteristic.

☐ Other (Specify): _____

Will the customer-generated facility export power? ☐ Yes (if yes, how much (in kW)?) _____ ☐ No
Fees (describe and calculate expected application fee due: _____

REQUIRED ATTACHMENTS AND SUPPLEMENTAL DOCUMENTS

For this application to be considered complete, adequate documentation and information must be submitted that will allow NIPSCO to determine the impact of the Customer 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.

1. Single-Line Diagram (SLD) of the customer's system showing all electrical equipment from the Customer Facility to the point of interconnection with NIPSCO's distribution system, including but not limited to generators, inverters, energy storage systems, transformers, switches, Utility AC Generator Disconnect(s), service panels, breakers, fuses, voltage transformers, and current transformers.
2. Control drawings for relays and breakers.
3. Site Plans showing the physical location of major equipment including but not limited to generators, inverters, energy storage systems, switches, Utility AC Generator Disconnect(s), service panels, and the utility meter.
4. Relevant ratings of equipment which includes but is not limited to the following:
 - a. For inverters, the manufacturer name, model number, AC full load nameplate rating, and operating manual or link to manufacturer's web site containing such manual.
 - b. For synchronous generators, the manufacturer name, model number, nameplate ratings, and impedance data (Xd, X'd, & X''d).
 - c. For induction generators, the manufacturer name, model number, nameplate ratings, and locked rotor current.
 - d. Transformer information should include capacity ratings, voltage ratings, winding arrangements, and impedance.
5. If protective relays or inverter operating modes are used, settings applicable to the interconnection. 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.

RETURN COMPLETED APPLICATION AND ATTACHMENTS:

By email: cnb@nisource.com

By Postal Mail: NIPSCO-NEW BUSINESS DEPARTMENT, 801 E. 86th Ave., Merrillville, IN 46410

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

* Level 1, Level 2, and Level 3 as defined in 170 IAC 4-4.3-4(a).

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