NORTHERN INDIANA PUBLIC SERVICE COMPANY IURC Electric Service Tariff Original Volume No. 10

Original Sheet No. 60FF

APPENDIX A TO RULE 51 GENERAL RULES AND REGULATIONS APPLICABLE TO ELECTRIC SERVICE

No. 1 of 2 Sheets

Application For Interconnection

Level 1** - Certified* Inverter-Based Generation Equipment 10kW or Smaller

Customer Name:	-		
Customer Address:			
	Daytime Phone No.:		
Email Address (Optional):		10.00	
Type of Facility:			
☐ Solar Photovoltaic ☐ Wind Turb	oine [] Other (specify)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Inverter Power Rating:	Quantity:	Total Rated "AC" Output:	
Inverter Manufacturer and Model Number:		-	
Name of Contractor/Installer:			
Address:			
	Email Address (Optional);		

^{*} Certified as defined in 170 Indiana Administrative Code 4-4.3-5.

^{**} Level 1 as defined in 170 Indiana Administrative Code 4-4.3-4(a).

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No. 2 of 2 Sheets

Attach documentation confirming that a nationally recognized testing and certification laboratory has listed the equipment.

Attach a single line diagram or sketch one below that includes all electrical equipment from the point where service is taken from Northern Indiana Public Service Company to the inverter which includes the main panel, sub-panels, breaker sizes, fuse sizes, transformers, and disconnect switches (which may need to be located outside and accessible by utility personnel).

Mail to: NIPSCO, Attn: Business Link, 801 E, 86th Avenue, Merrillyille, IN 46410



Supplemental Interconnection Information Form of Customer Owned Generation Equipment Level 1, 2 and 3

Level of Interconnection Review Requested			
☐ Level 1** for total nameplate rating of 10 kW or less			
☐ Level 2** for total nameplate rating of 2 MW or less			
☐ Level 3** for all other facilities			
Customer Name:			
NIPSCO Account Number:			
Customer Address:			
Interconnection Address:			
(if different from above)			
Project Contact Person:			
Phone No.:Email Address:			
Provide names and contact information of other contractors and engineering firms involved in the design and installation of the generation facilities:			
- W. C			
X-Y Coordinates of Interconnection Point or NIPSCO pole number:			
Longitude: Latitude:			
NIPSCO pole number:			
Inverter Power Rating: Quantity:			
Total Name Plate Generating Capacity of Customer-Generator Facility (AC):			
Will the Customer-Generator Facility export power? YES NO If yes, how much? (Please provide a basis of your estimate below)			

Are you interested in Net Metering or Feed-In-Tariff:
If this is a Feed-in-Tariff Application will any of the total nameplate capacity be utilized for Net Metering (allowable up to 1 MW): YES NO If yes, how much?
Type of Generator: □ Inverter-Based □ Synchronous □ Induction
Fuel Source: ☐ Solar ☐ Wind ☐ Diesel Reciprocating Engine Generator ☐ Natural Gas ☐ Bio-Gas ☐ Biomass ☐ Hydro
Generating System: □ Reciprocating Engine □ Gas Turbine □ Microturbine □ Hydro □ Other (Specify)
Is the Equipment Certified as defined by section 170 Indiana Administrative Code ("IAC") 4-4.3-5
Application Fees: Level 1: No fees due Level 2: Initial Review \$ 50 plus, \$1/kW of nameplate capacity Additional Review Non-binding, good faith estimate provided to customer Level 3: Initial Review \$ 100 plus, \$2/kW of nameplate capacity Impact Study Non-binding, good faith estimate provided to customer Facility Study Non-binding, good faith estimate provided to customer (Note: Additional 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)
Proof of Insurance will be required, as applicable:
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-determine 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.

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, IEEE 1547, NIPSCO Engineering Standards (ER 4-200-A and ER 4-300-B) 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.
- 8. For inverters, the manufacturer name, model number, and AC power rating. Operating manual or link to manufacture's web site 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.

Additional documentation and information may be requested from the customer.

The Feed-in Tariff and Net Metering programs are subject to tariff and technology caps. Applications are reviewed in the order received.

Mail Application and Applicable Fees to:

NIPSCO Attn: Business Link, 801 E. 86th Avenue, Merrillville, IN 46410

IT IS RECOMMENDED THAT CUSTOMERS DO NOT PURCHASE ANY EQUIPMENT UNTIL AN INTERCONNECTION AGREEMENT HAS BEEN EXECUTED.

Customer:		
Ву:		
Print	Signature	
Title:		
System Planning:		
Study Required: ☐ YES ☐ NO		
By:		
By:Signature	_	
Title:		
*Certified as defined in 170 IAC 4-4.3-5 ** Level 1, 2 and 3 as defined in 170 IAC 4-4.3-4 (a)		
201011, 2 and 3 as admired in 170 free 4 4.5 4 (a)		