

**UTILITIES COMMISSION, CITY NEW SMYRNA BEACH  
APPLICATION FOR NET METERING RIDER  
INTERCONNECTION OF CUSTOMER-OWNED  
RENEWABLE GENERATION SYSTEMS**

TIER 1 - 10 KW or Less - Inverter-Based Solar Photovoltaic (PV) System

TIER 1 - 10 KW or Less – Non-Inverter-Based System

TIER 2 - Greater than 10 KW and Less Than or Equal to 100 KW

TIER 3 - Greater than 100 KW and Less Than or Equal to 2 MW

Utilities Commission, City New Smyrna Beach (hereinafter “UCNSB”) customers who install customer-owned renewable generation systems (RGS) and desire to interconnect those facilities with UCNSB’s electrical system are required to complete this application. When the completed application and fees are returned to UCNSB, the process of completing the appropriate Tier 1, Tier 2 or Tier 3 Net Metering Rider Interconnection Agreement can begin. This application and copies of the Net Metering Rider Interconnection Agreement may be obtained at the UCNSB Administration Building located at 200 Canal Street, New Smyrna Beach, Florida, or may be downloaded from UCNSB’s website at: <http://www.ucnsb.net/engineering/engineering-center.aspx>

**1. Customer Information**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Email Address: \_\_\_\_\_

Customer UCNSB Account Number: \_\_\_\_\_

**2. RGS Facility Information (Please Refer to No. 6-D – Proof of Insurance)**

TIER 1 - 10 KW or Less - Inverter-Based Solar Photovoltaic (PV) System

TIER 1 - 10 KW or Less – Non-Inverter-Based System

TIER 2 – Greater than 10 KW and Less Than or Equal to 100 KW

TIER 3 – Greater than 100 KW and Less Than or Equal to 2 MW

Facility Location: \_\_\_\_\_

RGS Manufacturer: \_\_\_\_\_

Manufacturer’s Address: \_\_\_\_\_

Reference or Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

### **3. Facility Rating Information**

Gross Power Rating: \_\_\_\_\_ (“Gross power rating” means the total manufacturer’s AC nameplate generating capacity of an on-site customer-owned renewable generation system that will be interconnected to and operate in parallel with the UCNSB’s distribution facilities. For inverter-based systems, the AC nameplate generating capacity shall be calculated by multiplying the total installed DC nameplate generating capacity by 0.85 in order to account for losses during the conversion from DC to AC.)

Fuel or Energy Source: \_\_\_\_\_

Anticipated In- Service Date: \_\_\_\_\_

### **4. Application Fee**

The application fee is based on the Gross Power Rating and must be submitted with this application. The non-refundable application fee is \$275 for Tier 2 and \$750 for Tier 3 installations. There is no application fee for Tier 1 installations.

### **5. Interconnection Study Fee**

For Tier 2 and Tier 3 installations, additional costs to review the impact of the proposed RGS system interconnection to the UCNSB’s system will be assessed. Such Interconnection costs shall be consistent with prudent utility practice, industry criteria, and shall not whatsoever require any costs, including overheads and indirects, to the UCNSB for upgrade or construction on the UCNSB's electric system. These costs will be invoiced to the customer and must be paid prior to connecting RGS system to UCNSB system.

### **6. Required Documentation**

Prior to completion of the Interconnection Agreement, the following information must be provided to the UCNSB by the Customer.

- A. Drawings submitted to Inspecting Authority showing proposed installation with proposed interconnection to UCNSB facilities.
- B. Documentation demonstrating that the installation complies with:
  - 1. IEEE 1547 (2003) Standard for Interconnecting Distributed Resources with Electric Power Systems.
  - 2. IEEE 1547.1 (2005) Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems.

- 3. UL 1741 (2005) Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources.
  - 4. ANSI Standard C37.90, IEEE Standard for Relays and Relay Systems Associated with Electric Power Apparatus.
- C. Documentation that the customer-owned renewable generation has been inspected and approved by local code officials prior to its operation in parallel with UCNSB's system to ensure compliance with applicable local codes.
- D. Proof of insurance in the amount of:

Tier 1 - \$100,000 - Inverter-Based Solar Photovoltaic (PV) System  
 Tier 1 - \$1,000,000 - Non-Inverter-Based System  
 Tier 2 - \$1,500,000  
 Tier 3 - \$2,000,000

The insurance limits are industry standard amounts and are required because the Customer/Applicant/Generator is increasing the liability risk/hazard level on their premises by installing a "parallel standby electric and/or on-site generation system" which poses significant liability risk/hazard should any protective safeguards and/or devices of this Customer/Applicant/Generator owned equipment not function properly and/or during any number of unexpected events.

**CUSTOMER**

By: \_\_\_\_\_ Date: \_\_\_\_\_  
 (Signature)

\_\_\_\_\_ (Print Name)