

**APPLICATION FOR INTERCONNECTION OF
CUSTOMER-OWNED RENEWABLE
GENERATION SYSTEMS**

TIER 1 – Ten (10) kw or Less

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 two (2) MW

Town of Havana customers who install customer-owned renewable generation systems (RGS) and desire to interconnect those facilities with Town of Havana’s electrical system are required to complete this application. When the completed application and fees are returned to Town of Havana, the process of completing the appropriate Tier 1, Tier 2 or Tier 3 Interconnection Agreement can begin. This application and copies of the Interconnection Agreements may be obtained in person at the Town Hall, 711 North Main Street, Havana, FL, or may be requested by telephone by calling 850-539-2820 or requested via email to hmgr@mchsi.com.

1. Customer Information

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____ Alternate Phone Number: _____

Email Address: _____ Fax Number: _____

Customer Account Number: _____

2. RGS Facility Information

Facility Location: _____

Customer Account Number: _____

RGS Manufacturer: _____

Manufacturer’s Address: _____

Reference or Model Number: _____

Serial Number: _____

(Continued on Sheet No. 9.1)

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 utility’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 \$180.00 for Tier 2 and \$470.00 for Tier 3 installations. There is no application fee for Tier 1 installations.

5. Interconnection Study Fee

For Tier 3 installations, a deposit in the amount of \$2,500.00 will be paid along with this application in addition to the application fee referenced in Article 4 above. This deposit will be applied toward the cost of an interconnection study. The Customer will be responsible for actual costs of the study, not to exceed \$2,500.00. Should the actual cost of the study be less than the deposit, the difference will be refunded to the Customer.

6. Required Documentation

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

A. 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.

B. Documentation that the customer-owned renewable generation has been inspected and approved by local code officials prior to its operation in parallel with TOH system to ensure compliance with applicable local codes.

(Continued from Sheet No. 9.0)

- C. Proof of insurance in the amount of:
Tier 1 - \$100,000.00 is recommended.
Tier 2 - \$1,000,000.00
Tier 3 - \$2,000,000.00

Customer

By: _____ Date: _____
(Print Name)

(Signature)

**NET METERING SERVICE
RATE SCHEDULE – (NM)**

AVAILABLE: Entire Service Area

APPLICABLE: This schedule is applicable to a customer who:

1. Takes retail service from the Town of Havana under an otherwise applicable rate schedule at their premises.
2. Owns a renewable generating facility with a generating capacity that does not exceed two megawatts (2 MW) that is located on the customer's premises and that is primarily intended to offset part or all of customer's own electric requirements. Customer's facility shall fall within one of the following ranges:
 - Tier 1 = Ten (10) kw or less;
 - Tier 2 = greater than 10kw and less than or equal to 100kw;
 - Tier 3 = greater than 100kw and less than or equal to 2MW.
3. Is interconnected and operates in parallel with the Town of Havana's electric distribution system;
4. Provides the Town of Havana with an executed Standard Interconnection Agreement for Customer-Owned Renewable Generation and an executed Tri-Party Net-Metering Power Purchase Agreement by and between Florida Municipal Power Agency (FMPA) and the Town of Havana.

MONTHLY RATE:

All rates charged under this schedule will be in accordance with the customer's otherwise applicable rate schedule. A customer served under this schedule is responsible for all charges from its otherwise applicable rate schedule including monthly minimum charges, customer charges, meter charges, facilities charges, demand charges and surcharges. Charges for energy (kwh) supplied by the Town of Havana will be based on the net metered usage in accordance with Billing (see below).

METERING:

Energy metering under this schedule shall be accomplished by separately registering the flow of electricity both (1) from the Town of Havana, and (2) excess energy (kwh) generated by customer and delivered to the Town of Havana's electric system. Such metering equipment shall be installed at the point of delivery at the expense of the Town of Havana.

(Continued on Sheet No. 4.2)

Any additional meter or meters installed as necessary to measure total renewable electricity generated by the customer for the purposes of receiving Renewable Energy Certificates (or similarly titled credits for renewable energy electricity generated) shall be installed at the expense of the customer, unless determined otherwise during negotiations for the sale of the customer's credits to FMPA or the Town of Havana.

Meter readings shall be taken monthly on the same cycle as required under the otherwise applicable rate schedule.

BILLING: Customer shall be billed for its consumption and export of excess energy as follows:

- a) Customer shall be billed for the total amount of electric power and energy delivered to customer by the Town of Havana in accordance with the otherwise applicable rate schedule.
- b) Electric energy from the Customer Renewable Generation System shall first be used to serve the customer's own load and offset the customer's demand for the Town of Havana's electricity. Any kwh of electric energy produced by the customer-owned renewable generation system that is not consumed by the customer's own load and is delivered to the Town of Havana's electric system shall be deemed as "excess customer-owned renewable generation." Excess customer-owned renewable generation shall be purchased in the form of a credit on the customer's monthly energy consumption bill.
- c) Each billing cycle, customer shall be credited for the total amount of excess electricity generated by the customer-owned renewable generation that is delivered to the Town of Havana's electric system during the previous billing cycle. The credit from the Town of Havana shall be equal to the "ARP \$/kwh Renewable Generation Credit Rate" as determined by the Town's wholesale power provider, the Florida Municipal Power Agency ("FMPA"), on a quarterly basis. The "ARP \$/kwh Renewable Generation Credit Rate" is the quarterly average of the ARP energy rate, updated each April 1, July 1, October 1, and January 1.
- d) In the event that a given monthly credit for excess customer-owned renewable generation exceeds the total billed amount for customer's consumption in any corresponding month, then the excess credit shall be applied to the customer's subsequent bill. Excess energy credits produced pursuant to the preceding sentence shall accumulate and be used to offset customer's energy consumption bill for a period of not more than twelve (12) months. In the last billing cycle of each calendar year, any unused excess energy credits shall be paid by the Town of Havana to the customer, at the Town's wholesale-avoided cost rate.
- e) In the event that a customer closes an account, any of the customer's unused excess energy credits shall be paid by the Town of Havana.

(Continued to Sheet No. 4.3)

- f) Regardless of whether any excess energy is delivered to the Town of Havana's electric system in a given billing cycle, customer shall be required to pay the greater of: (1) the minimum charge as stated in the otherwise applicable rate schedule; or (2) the applicable customer charge plus the applicable demand charge for the maximum measured demand during the billing period in accordance with provisions of the otherwise applicable rate schedule.
- g) Customer acknowledges that its provision of electricity to the Town of Havana hereunder is on a first-offered first-accepted basis and subject to diminution and/or rejection in the event the total amount of electricity delivered to the Town pursuant to this Schedule, from all participating Town of Havana customers, exceeds two and one-half percent (2.5%) of the aggregate customer peak demand on the Town of Havana's electric system.

FEES: The customer shall be required to pay the following fees for the review and processing of the application as follows. Fees may be adjusted annually.

Tier 1 – No Fee

Tier 2 - \$180.00

Tier 3 - \$470.00

- a) Tier 3 - Study Fee – Deposit of \$2,500.00 - Customer to pay actual cost (not-to-exceed \$2,500.00). Should the actual cost of the study be less than the deposit, the difference will be refunded to the customer.

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(Continued from Sheet No. 9.0)

Town of Havana, Florida
(Continued from Sheet No. 9.1)

Original Sheet No. 9.2

- C. Proof of insurance in the amount of:
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Tier 3 - \$2,000,000.00

Customer

By: _____ Date: _____
(Print Name)

(Signature)

Issued by: Howard McKinnon
Town Manager

Effective: September 1, 2009