



# HOMESTEAD ENERGY SERVICES APPLICATION FOR INTERCONNECTION OF CUSTOMER-OWNED RENEWABLE GENERATION SYSTEMS

Select One:

TIER 1 - 15 KW or Less

TIER 2 - Greater than 15 KW and Less Than or Equal to 100 KW

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

The City of Homestead (the “City”) acting by and through the City’s electric utility department known as Homestead Energy Services (HES), requires that any customers who install customer-owned renewable generation systems (RGS) and desire to interconnect those facilities and operate in parallel with HES’ electrical system shall comply with City Ordinance No. \_\_\_\_\_ which established a Net Metering Program for customer-owned renewable generation systems, and are required to complete this application. When the completed application and fees are returned to HES the process of completing the appropriate Interconnection Agreement can begin. This application and copies of the Interconnection Agreements may be obtained in person at the HES office located at 675 N. Flagler Avenue , Homestead FL 33030, or by sending a request to:

- (i) CustomerService@cityofhomestead.com, or
- (ii) Visiting HES website at [http://ci.homestead.fl.us/pages/city\\_hall/utilities.aspx](http://ci.homestead.fl.us/pages/city_hall/utilities.aspx).

## 1. HES Customer Information

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

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

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

Phone Number: \_\_\_\_\_ Alternate Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_ Fax Number: \_\_\_\_\_

HES Customer Account Number: \_\_\_\_\_

## 2. RGS Facility Information

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

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

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

Manufacturer’s Address: \_\_\_\_\_

\_\_\_\_\_

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

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

Inverter Manufacturer: \_\_\_\_\_ Model # \_\_\_\_\_

### **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 \$400 for Tier 2 and \$1,000 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 \$2,000 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 the actual costs of the study as determined upon HES review, in its sole and absolute discretion. Should the actual cost of the study be greater than the deposit the customer shall be required to pay the additional amount prior to the completion of the Interconnection Agreement, should the 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 customer must provide the following information to Homestead Energy Services’ satisfaction, in its sole and absolute discretion.

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.
4. National Electrical Safety Code, National Electric Code 2008 or latest version, Florida Building Code, and local codes and regulations.

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

C. General Liability Insurance Requirements

1. Proof of general liability insurance in the amount not less than \$100,000 for Tier 1 generators.

2. Proof of general liability insurance in the minimum amount shown below naming the City of Homestead, acting through the City's electric utility department, Homestead Energy Services, "HES" as an additional insured:

Tier 2 - \$1,000,000.00;  
Tier 3 - \$2,000,000.00

D. Completed W-9 Form for revenue reporting due to any excess credits at the end of each calendar year.

**Customer**

By: \_\_\_\_\_ Date: \_\_\_\_\_  
(Print Name)

\_\_\_\_\_  
(Signature) Title: \_\_\_\_\_