



Grenada Electricity Services Ltd

SSEG Interconnection Application Form

Version:

V5.0

Date Revised:

Dec 2017

The undersigned Interconnection Customer submits this request to interconnect a Small Scale Embedded Generation (SSEG) Facility to the distribution network of the Grenada Electricity Services Ltd (Grenlec).

This request form should be used for proposed SSEG facilities with total capacity of **30 kW (AC) or less**. The customer should submit its request to interconnect to:

The Customer Services Manager
Grenada Electricity Services Ltd
P.O. Box 381
St. George's

For further information about this form or Grenlec's DG policy please contact:

Grenada Electricity Services Ltd
Attn: Renewable Standard Offer
P.O. Box 381
St. George's
Phone# (473) 440-2097
Fax: (473) 440-6673
Email:customersupport@grenlec.com

An Interconnection Request is considered complete when it provides all applicable and correct information required in this form. This information is intended to be used at the planning stage of a SSEG system. This information must be provided to Grenlec prior to the installation of the system in order that assessment and comments can be made on the proposed system.

GRENLEC SSEG INTERCONNECTION APPLICATION FORM

1 CUSTOMER INFORMATION

Owner/Company Name:

Contact Person:

Tel No:

Email Address:

Account Name:

Account No:

Meter No:

2 PV SYSTEM TECHNICAL DATA

Site Address

Pole# & Street:

Village:

Parish:

RE Stats

Capacity (kW):

Power Factor:

Manufacturer:

Model/Type:

Energy Technology:

Interface:

Inverter

Capacity (kW):

Manufacture:

Model/Type:

Serial Numbers:

Software Version (Where applicable):

Battery

Capacity (kW):

Manufacturer:

Model/Type:

Connection

Configuration:

1 Phase

3 Phase Delta

3 Phase Wye Grounded

3 Phase Wye Ungrounded

Voltage (V):

Date Required:

3 INSTALLER DETAILS

Installer Name:

Address (Street, Village):

Address (Parish):

Telephone No:

Fax Number:

4 INFORMATION ENCLOSED

Electrical One-Line Schematic:

Yes No

Existing & Proposed Earthing Arrangement:

Yes No

Inverter Test Certificate:

Yes No

5 DECLARATION – TO BE COMPLETED BY APPLICANT

I hereby certify that, to the best of my knowledge, all the information provided in this Interconnection Request is true and correct and that I have read and understood the Standard Offer pricing mechanism.

Name:

Signature:

Date:

6 FOR INTERNAL USE ONLY

Date Application Received:

Received By:

Deposit Deficient:

Yes No

Date Resolved:

Documentation Deficient:

Yes No

Date Resolved:

Technical Data Deficient:

Yes No

Date Resolved:

Miscellaneous Deficiency:

Date Resolved:

Date Application Validated:

Validated By:



Grenada Electricity Services Ltd

P.O. Box 381
Dusty Highway
St. George's

Tel: (473) 440-2650
Fax: (473) 440-4106

Net Billing Agreement for Small Scale Embedded Generation (SSEG) 30kW (AC) or Less

Version:4.0

Last Updated: December, 2016

This agreement is made this _____ day of _____, _____, by and between _____ (hereinafter called the "Customer") on the One part, located at _____ in the parish of _____ in Grenada and the Grenada Electricity Services Ltd, the public utility authorized and existing under the laws of the Grenada (hereinafter called "Grenlec") on the Other part. Grenlec and the Customer shall hereinafter be referred to as "the Parties".

WITNESSETH

WHEREAS, the Customer has requested to interconnect its Small Photovoltaic System (SPS), Small Wind System (SWS), or other renewable energy system (RES) 30 kW (AC) or less (hereinafter referred collectively as Small Scale Embedded Generation (SSEG) system), to Grenlec's electricity service grid at a currently metered location; and

WHEREAS, the Customer requested from Grenlec, credit for all electrical energy produced by the Customer's SSEG that is fed back to Grenlec's electric service grid;

NOW, THEREFORE, for and in consideration of the mutual covenants and agreements herein set forth, the Parties hereto covenant and agree as follows:

Customer's Obligations and Responsibilities

1. The Customer agrees to allow inspection and certification of the SSEG installation by Grenlec and the Electrical Inspectorate section of the Ministry of Works and to secure all applicable permits. The certification shall ensure that the installation has met all electrical and mechanical requirements as prescribed by the above named entities.
2. The Customer agrees to provide Grenlec with the equipment specifications identifying and certifying that the SSEG, inverters and associated equipment design, installation and operation adheres to current IEEE-1547 or equivalent standard, UL-1741 Standards, the National Electric Code, and the National Building Code.
3. The Customer is responsible for protecting its generating equipment, inverters, protection devices, and other system components from the normal and abnormal conditions and operations that may occur on Grenlec's electrical system in delivering and restoring system power.
4. The Customer shall affix, to their electrical meter base, a warning sign with the caption "CAUTION" and a message in the form "POWER TO THE BUILDING IS SUPPLIED FROM "xyz" SOURCE WITH DISCONNECTS LOCATED AT "abc". Where "xyz" is the type of the alternate source (e.g. PV) and "abc" identifies the location of the switch on the building. The Customer shall affix to the lock-out switch a label identifying it as such in the form or with the words "LOCK-OUT POINT FOR "xyz" SYSTEM". All text must be made in white text on a red background with the caption at least 1.5 inches high and the message visible from at least 10 feet away.
5. The Customer shall indemnify, hold harmless and defend Grenlec from and against all liability, proceedings, suits, cost or expense for loss, damage or injury to persons or property within the Customer's compound, including the SSEG System, during periods in which the SSEG is connected to Grenlec's grid, except in those cases where the loss occurs due to the negligent actions of Grenlec.
6. The Customer is responsible for ensuring the SSEG equipment is inspected, maintained, and tested in accordance with the manufacturer's instructions to ensure the SSEG and associated equipment are operating correctly and safely.
7. The Customer agrees, at the Customer's expense, to install and maintain a manual disconnect switch of the visible load break type to provide a separation point between the AC power output of SSEG

and any Customer facilities connected to Grenlec's electrical system. This manual disconnect switch shall be mounted separate from the meter socket and shall be readily accessible at all times to Grenlec. It shall be capable of being locked in the open position by Grenlec. Grenlec may open and lock the switch, isolating the SSEG from its electrical service grid, at reasonable hours, and upon reasonable notice, or at any time without notice in the event of an emergency or hazardous condition. Grenlec shall have access to the Customer's premises for any reasonable purpose in connection with the performance of the obligations imposed on it by this Agreement or if necessary to meet its legal obligation to provide service to its Customers. In the case of an event or emergency Grenlec will make reasonable attempts to notify the Customer of its intent to disconnect the Customer's SSEG from Grenlec's electrical service grid, but shall have no liability for failure to do so.

Grenlec's Obligations and Responsibilities

8. Grenlec grants to the Customer permission to have its SSEG interconnected to Grenlec's electrical grid on the terms and conditions stated herein for a period of ten years from the "Commission Date" indicated in the signature section of this agreement with the option to renew this contract for three years unless this contract is terminated or amended. Any and all re-negotiations of terms and conditions for the ensuing contractual period shall be completed no later than 3 months prior to the expiration of this contract.
9. Grenlec endeavours to furnish regular and uninterrupted electrical service, but cannot guarantee either uninterrupted service or invariable service characteristics. Grenlec therefore disclaims any liability and the Customer agrees that Grenlec shall not be liable to the Customer for injuries, losses, or damages resulting from any interruption of service or variation in service characteristics.
10. Grenlec will furnish, install, own, and maintain metering equipment to measure the kilowatt-hours consumed by the Customer from Grenlec, the kilowatt-hours produced by the Customer's SSEG facility (all of which must be supplied to Grenlec) and if applicable, the kilowatt demand. For this account, the Customer's service will be metered with two meters which will measure the Customer's consumption and production separately.
11. The Customer shall be responsible for Grenlec's reasonable and necessary cost for the purchase, installation, operation, maintenance, testing, repair, and replacement of metering and data

acquisition equipment. The Customer's metering (and data acquisition, as required) equipment shall conform to applicable industry standards.

12. The Customer shall be billed for the energy consumed from Grenlec in accordance with the rates and charges under Grenlec's standard rate schedule applicable to the Customer. The Customer shall be credited/paid for the energy generated by their SSEG facility at a rate of EC\$0.36 per kWh
13. Grenlec shall charge a reasonable one-time non-refundable application processing fee of \$150.00.
14. Grenlec reserves the right to temporarily or permanently disconnect the Customer's SSEG at any time from its electrical service grid and upon doing so shall notify the Customer within 10 working days that it has disconnected the Customer's SSEG from its electrical Service grid. The Customer will be informed of the reasons for the disconnection. Reasons for the disconnection may include but not limited to:
 - a. Grenlec system maintenance, operation and emergency operations.
 - b. Hazardous conditions existing on Grenlec's system due to the operation of the Customer's SSEG generating or protective equipment as determined by Grenlec.
 - c. Adverse electrical effects on the electrical equipment of other Grenlec Customers as determined by Grenlec.
 - d. The presence of any condition that in the judgment of Grenlec is likely to endanger life or property or to cause a material adverse effect on the security of, or damage to the Grenlec System.
15. On the termination of this agreement or disconnection of service for non-payment, Grenlec shall open and padlock the manual disconnect switch. At the Customer's expense, the Customer agrees to permanently isolate the SSEG and associated equipment from Grenlec's electric service grid. The Customer shall notify Grenlec within 10 working days that the isolation has been completed.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be duly executed in duplicate the day and year first above written.

Customer: _____
Print or Type Name of Organization

BY: _____
Signature: Authorized Representative

Name: _____
(Print or Type Name)

Capacity: _____

Grenada Electricity Services Ltd:

BY: _____
Signature: Chief Engineer or Designate

Name: _____
(Print or Type Name)

Capacity: _____

Witness: _____
Signature: Grenlec Representative

Account Number: _____

SSEG Capacity: _____

Meter No: _____

Commission Date: _____