



Self-Generator Programme
Grenada, Carriacou and Petit Martinique

April 2021

Table of Contents

1.0	Legislative and Regulatory Framework	3
2.0	Self-Generator Programme	3
2.1	Eligible Customers	3
2.2	Metering Arrangement.....	3
2.3	Interconnection Costs.....	4
2.4	Interconnection Agreement	4
2.5	Tenure of Agreement	4
2.6	Interim Net Metering Arrangement	4
2.7	Customer Credit.....	5
2.8	Maintenance.....	5
2.9	Permits.....	5
2.10	Insurance	5
2.11	Technical Requirements	6
2.12	Disconnection	6

1.0 Legislative and Regulatory Framework

The Electricity Act No. 19 of 2016 (Sections 4(h); 13.3 & 25) provides a framework for the planning process required to identify the long term needs for the addition of generation capacity. In this respect, it establishes the basis to secure for Grenada the timely addition of sustainable generation capacity to meet the demand for electricity. Specific to self-generation, the Act provides a framework for self-generators to be permitted to operate their systems, interconnect to the grid selling their excess generation to the Network Licensee. The PURC has the responsibility of establishing the Self-Generator Programme and defining the parameters for eligibility under the programme.

2.0 Self-Generator Programme

This self-generator programme makes provision for persons to install generation capacity primarily for their own use and to be interconnected to the Network Licensee's grid. The programme allows for both residential and non-residential customers of the electricity utility to install stipulated generation capacity for their own use and the sale of excess generation to the Network Licensee.

The Commission has determined that this arrangement will be initially implemented under a pilot programme limited to **12 months** commencing April 12th, 2021 and capped at an aggregate installed capacity of **1 MW**. An ongoing assessment of the impact on the Licensee's network will be done and also at the end of the period with a view to revise the cap as deemed appropriate by the Commission.

2.1 Eligible Customers

Participation in the Self-Generator Programme is open to residential and non-residential customers of the Network Licensee who wish to generate electricity on their premise for their own use from renewable energy sources using a facility which:

- a) has a capacity of :
 - i. Not more than **1.2** times of the current average annual kWh consumption of residential customers.
 - ii. Not more than **0.6** times of the current average annual kWh consumption in the case of non-residential customers.

2.2 Metering Arrangement

Based on the sizing of the Self generator's installation, supplemental power may be needed from the Network Licensee from time to time, and on occasion they may have excess energy available for sale to the Network Licensee. These installations will be allowed to exchange power with the electricity grid under PURC's net metering arrangement which involves the following:

- **Metering Requirements** - a single meter with two registers. The two-register meter configuration will prevent reverse registration.
- **Meter Installation**- the Network Licensee will be responsible for the installation and maintenance of the meters.

In satisfying Section 36 (2) of the Electricity Act, 2016, the Permit Holder is mandated to keep a record of his or her generation to allow the determination of the overall consumption of electricity in the country. Consequently, the Permit Holder requires the installation of an additional standard kilowatt-hour meter by GRENLEC.

2.3 Interconnection Costs

GRENLEC is allowed to charge a reasonable fee for the interconnection which may include the cost of a new meter and relevant materials if it is determined by GRENLEC that a new meter is required. The fixed interconnection fee **without** the meter will be a standard charge of \$270 XCD for both single phase and three phase connections. If a new meter is required by the Self Generator the costs, which is inclusive of the standard charge, are as outlined in Table 1 below.

Table 1: Interconnection fee

Type of connection	\$XCD
Single phase connection with meter and materials	700
Three phase connection with meter and materials	1950

2.4 Interconnection Agreement

An Interconnection agreement is to be executed by the Network Licensee and the self-generator/customer, which will specify the technical stipulations for interconnections (System Impact Study, equipment specification sheets, equipment test certificate).

2.5 Tenure of Agreement

The Commission has determined that customers will enter into the agreement, to be net-metered and to sell excess energy generated, with the Network Licensee for a term of (15) fifteen years, after which the said agreement can be renewed, modified or extended on terms to be determined between the parties and shall include any applicable regulations of the Commission.

2.6 Interim Net Metering Arrangement

During the six (6) month period dated from August 20th, 2021 the equivalent of the customer consumption from GRENLEC shall be paid as follows:

- a. The first 50% of generation supplied to GRENLEC by the Permit Holder will be netted off (set off at a 1:1 rate equivalent to Renewable energy rate) by electricity supplied by GRENLEC during the monthly billing period. The Permit Holder if so desired can redeem its credits in legal tender in quarterly periods or multiples of the said quarterly period.
- b. The next 50% of generation supplied to GRENLEC shall be at the equivalent Renewable energy rate.
- c. All excess electricity will be paid at the Renewable energy rate as applicable.

This Interim Net Metering Agreement shall be for a term of six (6) months and thereafter shall automatically terminate **provided that** the PURC shall in its sole discretion shall be at liberty to terminate this agreement at any time during the term of this agreement. In such a case, upon the termination of this agreement, Self-Generators shall enter into a new agreement to govern the Permit Holder’s interconnection upon such terms and subject to such conditions as the PURC after consultation with GRENLEC shall determine.

2.7 Customer Credit

The Permit Holder shall pay or be paid for the net amount of electricity actually taken or supplied as the case may be by GRENLEC in accordance with the established rate as per the customer class and the Renewable energy rate as established by the Commission for the Class of renewable energy installation. Self-Generators will be credited at the rate outlined in Table 2 in accordance with the PURC’s Interim Net Metering Arrangement.

Table 2: Self Generator Rate Bands

Tier	kW System	Rate ¹ \$XCD per kWh
1	$x \leq 3$	0.30
2	$3 < x \leq 30$	0.29
3	$30 < x \leq 100$	0.26
4	$x > 100$	0.23

The rates specified in Table 2, includes an injection charge of \$0.01 XCD chargeable per kWh which is paid to the Network Licensee. The customer will pay the retail tariff for energy consumed from the electricity grid as is applicable to the customer’s rate and class.

The Permit Holder if desired can redeem its credits in legal tender in quarterly periods or multiples of the said quarterly period.

2.8 Maintenance

The customer is required to properly maintain the generating facility and retain proper maintenance records.

2.9 Permits

All relevant environmental permits to be obtained by the customer in connection with the customer’s renewable energy generation facility are required to be maintained and complied with by the customer throughout the term of the agreement.

2.10 Insurance

Customers are recommended to establish and maintain insurance coverage for loss and damage resulting from the operation of its generating facility.

¹ These rates may be subject to change subsequent to an in-depth review by the Commission.

2.11 Technical Requirements

The customer's generation facility shall be properly tested, commissioned and certified by the Government Electrical Inspectorate Department.

2.12 Disconnection

Self-generators have non-discriminatory access to the Network Licensee's grid however the Network Licensee may disconnect the customer's generation facility from the electricity grid for safety and breach of agreements and non-payment of sums owing by the customer to Network Licensee.