Independent Regulatory Commission

Regulating Electricity, Promoting Our Energy

Application/Registration Form for Solar Generation

1. CONTACT AND LOCATION INFORMATION

SECTION A.

Main Applicant (*License is issued in this name, individual or organization*):

Name of Organization (*if applicable*): *Springfield Trading*

First Name: *Sean* **Last Name:** *Avril*

Address: *Goodwill Road, Roseau, Dominica, 00109, Saint George Parish*

Telephone: *767-448-2340* **Mobile:** ..... **Fax:** .....

Email address: *maintenance@dcps.dm*

SECTION B.

Information for Location of Installation:

Name of Property Owner: *S-Mart Supermarket*

Address: *Goodwill Road, P.O Box 21, Roseau*

Telephone: *767-4482340* **Mobile:** *767-275-6753* **Fax:** .....

Email address: *sti@springbel.com*

Type of Location: Residential Commercial Industrial Government

2. SYSTEM DESCRIPTION

(a). Voltage Delivered: **1 Phase**: 230 V 120/240 V **3 Phase**: 400 V/*50Hz* 11 kV

(b). Total Load to be Connected to System (kW): *120kw - 140kw*

(c). Total PV (DC) Capacity (kWp) *104,550 KWp* **(d). Total Inverter (AC) Capacity (kW):** *100KW*

(e). PV Mounting Location: On Roof On Ground Other .....

(f). Type of Structure: House Apt. Building Office Building Educational Health Care Industrial Other .....

(g). Describe Type of Roof (for roof mounted systems; sloped or flat, materials, etc.):

Sloped Galvanized Roof

(h). Will the solar PV system be connected to the National Grid? Yes No

(i). Electricity Generated by the Solar System will be used as:

Main Source Standby Supplement to utility usage Other .....

3. INVERTER INFORMATION

(a). Number of Inverters: 2

(b). Manufacturer: SMA Energy System

(c). Model #s: SMA STP 50-40 CORE 1

(d). AC Rating of Inverters: 50Kw 400V/50Hz . 3 phase

(e). Proposed Inverter Locations: Indoors

(f). Certifications: ANRE 30, AS 4777, BDEW 2008, C10/11:2012, CE, CEI 0-16, CEI 0-21, EN 50438:2013*, G59/3, IEC 60068-2-x, IEC 61727, IEC 62109-1/2, IEC 62116, MEA 2016, NBR 16149, NEN EN 50438, NRS 097-2-1, PEA 2016, PPC, RD 1699/413, RD 661/2007, Res. n°7:2013, SI4777, TOR D4, TR 3.2.2, UTE C15-712-1, VDE 0126-1-1, VDE-ARN 4105, VFR 2014, P.O.12.3, NTCO-NTCyS, GC 8.9H, PR20, DEWA

4. PV MODULE INFORMATION

(a). Number of Modules: 255

(b). Manufacturer: Axitec

(c). Model #s: AXIpremium X HC

(d). Dimensions of each module: 2008 x 1002 x 35 mm

(e). Module Power Rating (kWp): 410W

(f). Certifications: IEC 61215, IEC 61730, IEC 61701, IEC 62716, IEC 62804 PID

5. STORAGE INFORMATION

(a). Does the system include storage? Yes No

(b). If Yes state the total capacity (Ah): .....

(c). Battery Model #: .....

(d). Manufacturer: .....

(e). Battery Type (FLA, Li-ion, etc.): .....

(e). Total Voltage of Storage: .....

(f). Expected Daily kWh usage from storage: .....

(g). Certifications: .....

6. MOUNTING SYSTEM INFORMATION

(a). Describe Mounting System: L-Foot Only

(b). Manufacturer: IronRidge

(c). Model #: XR-100-168A

7. ITEMS TO SUBMIT

Please submit the following as part of your application where applicable:

ITEM (Please indicate with check mark that you have submitted)	Attached?
One-line diagram of the proposed solar system:	x
Inverters Spec. Sheet:	x
Solar Moules spec. sheet:	x
Storage System spec. sheet (if applicable):	
Mounting System spec. sheet (if applicable):	x

8. DECLARATIONS

I (we) hereby declare that I (we) own the property on which the solar system is to be installed or have the permission of the property owner to install the system on said property.

Applicant Signature: ..... **Date:** 11th/05/2021

I ***Frances Hamilton*** ..... hereby declare that the information contained in this application is true and accurate to the best of my knowledge.

Applicant Signature: ..... **Date:** 11th/05/2021

Applicant Name (block letters) ***Frances Hamilton***

Organization *(if applicable)*: ***Springfield Trading***

Position in Organization *(if applicable)*: ***Acting Manager***

If application is prepared by someone other than the main applicant please provide details below:

Name (block letters): ***ESAIAS BURNETTE***

Address: ***CANEFIELD***

Tel. #: ***265-5227***

Signature ..... **Date:** 12th/05/2021