

# 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*): Ministry of Education, Human Resource, Planning, Vocational Training & National Excellence  
 First Name: Chandler Last Name: Hyacinth  
 Address: 2nd Floor, Government Headquarters, Kennedy Avenue, Roseau, Dominica  
 Telephone: 767-266-3256 Mobile: 767-611-3551 Fax: .....  
 Email address: pseducation@dominica.gov.dm

### SECTION B.

Information for Location of Installation:

Name of Property Owner: Paix Bouche Primary School  
 Address: Paix Bouche, Dominica  
 Telephone: ..... Mobile: 767-276-5337 Fax: .....  
 Email address: pseducation@dominica.gov.dm  
 Type of Location: Residential Commercial Industrial Government

## 2. SYSTEM DESCRIPTION

- (a). Voltage Delivered: 1 Phase: 230 V 120/240 V 3 Phase: 400 V 11 kV  
 (b). Total Load to be Connected to System (kW): 3.6kW  
 (c). Total PV (DC) Capacity (kWp) 4.9 (d). Total Inverter (AC) Capacity (kW): 3.6kW  
 (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, corrugated metal (galvanised), timber rafters and trusses  
 (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: 1 PV Inverter 1 Battery Inverter
- (b). Manufacturer: FRONIUS VICTRON
- (c). Model #: FRONIUS PRIMO 4.0 VICTRON MULTIPLEX II 48/5000
- (d). AC Rating of Inverters: 4kW 180-270V/ 45 - 65Hz 5kW 187-265V/ 45 - 65Hz
- (e). Proposed Inverter Locations: INDOORS INDOORS
- (f). Certifications: EN-IEC 60335-1, EN-IEC 60335-2-29, EN-IEC 62109-1, EN-IEC 62109-2 DIN V VDE 0126-1-1/A1, IEC 62109-1/-2, IEC 62116, IEC 61727, AS 4777-2, AS 4777-3, G83/2, G59/3, CEI 0-21, VDE AR N4105

### 4. PV MODULE INFORMATION

- (a). Number of Modules: 14
- (b). Manufacturer: LG
- (c). Model #: NeON 2
- (d). Dimensions of each module: 1,740mm x 1,042mm x 40mm
- (e). Module Power Rating (kWp): 380w
- (f). Certifications: IEC 61215-1 / -1-1 / 2:2016, IEC 61730-1 / 2:2016, UL 61730-1:2017, UL 61730-2:2017 ISO 9001, ISO 14001 OHSAS 18001

### 5. STORAGE INFORMATION

- (a). Does the system include storage? Yes No
- (b). If Yes state the total capacity (Ah): 30.4kWh
- (c). Battery Model #: PHI3.8 48V M
- (d). Manufacturer: SIMPLIPHI POWER
- (e). Battery Type (FLA, Li-ion, etc.): LITHIUM ION
- (e). Total Voltage of Storage: 48V
- (f). Expected Daily kWh usage from storage: 4.36 kWh
- (g). Certifications: UL, CE, UN/DOT and RoHS compliant components - UL 1973, UL 1642

### 6. MOUNTING SYSTEM INFORMATION

- (a). Describe Mounting System: L-Foot
- (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:	✓
Inverters Spec. Sheet:	✓
Solar Modules spec. sheet:	✓
Storage System spec. sheet (if applicable):	✓
Mounting System spec. sheet (if applicable):	✓

## 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: Chandler Hyacinth Date: 29 June 2021

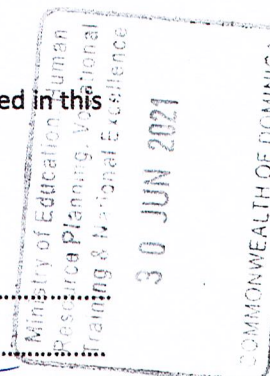
I Chandler Hyacinth hereby declare that the information contained in this application is true and accurate to the best of my knowledge.

Applicant Signature: Chandler Hyacinth Date: 29 June 2021

Applicant Name (block letters) Chandler Hyacinth

Organization (if applicable): Ministry of Education

Position in Organization (if applicable): Permanent Secretary



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

Name (block letters): .....

Address: .....

Tel. #: .....

Signature ..... Date: .....