



CEB SOLAR PV SCHEME FOR CHARGING OF ELECTRIC VEHICLES APPLICATION FORM

Instructions for application

1. The Scheme is open for CEB Domestic, Commercial and Industrial Customers who are supplied with electricity via the CEB low-voltage network and who have installed or intend to install an electric charger to power a four-wheel electric vehicle.
2. CEB will advise on the allowed capacity of the individual solar PV installation. In any case, the maximum allowed capacity shall not exceed 10 kilowatts-peak (kWp) DC.
3. Submit all requested documents to prevent delay in processing the application.
4. A processing fee of Rs 2000/- is payable upon submission of this Application Form.
5. Submit the Application Form in a nearest CEB Customer Service Centre during normal business hours.
6. Information provided in this Application Form will be used for the technical and administrative evaluation of the application as per the requirements of the Scheme and the relevant Grid Codes.
7. Information submitted in this Form may be used to update the Customer's records in the CEB's database.
8. The person signing this Application Form, if not the Customer, should be a duly authorised person.
9. Any modification, except for filling in required information, of this Form will result into its rejection.
10. The applicant should secure all necessary authorizations/permissions from the concerned electricity account holder(s) prior to submission of the Application Form.
11. Take full cognisance of the terms and conditions of the Scheme prior to submit the application. For any further information concerning the application, please contact our SSDG Unit on 601 1100.

1.0	Applicant Information		
1.1 (a)	Name of the Applicant		
1.1 (b)	Name of the Customer as on electricity bill		
1.2 (a)	Name of the person representing the Applicant		
1.2 (b)	Designation of the person (Director, GM, etc.)		
1.3	Office address of the Applicant		
1.4	Telephone Number of the Applicant	Res/Office Tel. Number	Mobile Number
1.5	Tax Account Number of the Applicant		
1.6	VAT Registration Number of the Applicant		
1.7	Business Registration No. of the Applicant		
1.8	Email Address of the Applicant		

2.0	Installer Details		
2.1	Name of Installer		
2.2	Postal Address		
2.3	Contact Person		
2.4	Telephone/Fax Number		
2.5	Email Address		
2.6	Accreditation/Qualification in installation of PV equipment <small>Note 1</small>		
2.7	Qualification in the field of Electrical Engineering/ Electrical installation in buildings or similar (Electrical Contractor or Installer) <small>Note 2</small>		
2.8	Name of Consultant, if any		
2.9	Electrical Sub-contractor (if any part of the electrical installation works is to be subcontracted)	Company name:	Tel:
		LV <input type="checkbox"/>	PV <input type="checkbox"/>

Note 1: In the interest of the applicant/project owner/promoter/customer and for safety reasons, the CEB shall accept a Certificate on PV installation from a local or foreign institution OR from the supplier of the equipment certifying that the installer is well-versed with the installation of the equipment. Furthermore, the topics covered (PV panel, inverter, protection, earthing, etc.) and the duration of the training shall be mentioned on the Certificate. The CEB may also accept companies having past experience in the installation of grid connected SSDG and/or MSDG systems.

Note 2: In the interest of the applicant/project owner/promoter/customer and for safety reasons: For three-phase electrical installation, a minimum certification in electrical installation in buildings (or equivalent) – Level 4 of the National Qualification Framework, as specified by the Mauritius Qualification Authority (MQA), is required. For certificates obtained from foreign institutions, equivalence of qualification, certified by MQA, may be accepted. The CEB may also request course content/syllabus details of the certifications or proof of experience.

Signature of Applicant: _____

Date: _____

3.0	Installation Site - Project Details		
3.1	Installation site address		
3.2	Telephone Number (installation site)		
3.3	Electricity Contract Account Number(s) of installation site		
3.4	Electricity Tariff of the electricity contract account number(s) of installation site (please refer to your electricity bill)		
3.5	Total electrical load, as declared in the CEB electricity contract account(s) (kW/kVA) (please consult your CEB Customer Service Centre)		
3.6	Is the site located within the internal electricity network of a medium voltage customer? (Yes / No)		
3.7 (a)	Is the Applicant the owner of the installation site?	If Yes, to provide copy of Registered Title Deed.	
3.7 (b)		If No, to provide copy of Registered Title Deed of owner, copy of Registered Lease Agreement, copy of National Identity card of owner (if applicable) and Letter of Authorization from owner.	
4.0	Details of Interconnection with CEB		
4.1	Existing CEB Metering (specify single-phase or three-phase)		
4.2	Is the building being supplied by a dedicated CEB transformer? (Yes / No)		
5.0	Solar PV System (small-scale only) Details		
5.1	Total proposed capacity of the Solar PV System ^{Note 3}	kW_{dc}	
5.2	Expected annual generation (MWh)		
5.3	Will the PV installation be Ground or Roof mounted?		
5.4	Any other known SSDG/MSDG on the installation site? (Yes/No) If yes, specify capacity & RE technology if known.		
5.5	Manufacturer, Model & Type of PV Panel		
5.6	Country of Origin of PV Panel		
5.7	Manufacturer, Model & Type of Inverter		
5.8	Country of Origin of Inverter		

Note 3:

- The total proposed PV capacity of SSDG installation should correspond to the DC output capacity and in no case it should be higher than the capacity CEB has allowed or as shall be determined by CEB.
- In case the total inverter output capacity exceed the SSDG applied capacity, the inverter AC active power has to be limited.
- Based on the electrical setup, declared (connected) electrical load of the premises of the Customer, capacity of the EV charger and daily electricity requirement for charging of the EV, the CEB will advise on the allowed capacity of the individual solar PV installation. In any case, the maximum allowed capacity shall not exceed 10 kilowatts-peak (kWp) DC. A three-phase electrical configuration on the premises may be required.

Signature of Applicant: _____

Date: _____

Distributed Generation (DG) Guaranteed Particulars (Maximum 10 kW)

(All information given hereunder should be substantiated by documents from the Manufacturer)

6.0 DG Guaranteed Particulars						
6.1	Rating of each PV Panel	To specify Wattage				
6.2	Number of PV Panels to be installed	To specify Nos.				
6.3	Central Inverter <i>OR</i> Micro inverter	To specify				
6.4	Manufacturer's Inverter Reference	To specify				
6.5	No. of Inverter & Capacity (No. & kW)	To specify		No.	kW	
6.6	Inverter Output (3 phase/ single phase)	To specify				
7.0	Parameters ^{Note 4}	Requirements		To specify System settings		
	Protection Parameters Settings	Trip Setting	Clearance Time	Trip Setting	Clearance Time	Trip Indication Provided
7.1	Over Voltage (230 V + 10 %)	253 V	0,2 s			
7.2	Over Voltage (230 V + 6 %)	243.8 V	1,5 s			
7.3	Under Voltage (230 V – 6 %)	216.2 V	1,5 s			
7.4	Over Frequency (50 Hz + 2 %)	51 Hz	0,5 s			
7.5	Under Frequency (50 Hz - 6 %)	47 Hz	0,5 s			
7.6	Loss of Mains (df/dt - Vector shift)	2.5 Hz/s 10 degrees	0,5 s			
7.7	Islanding Detection	Yes				
7.8	Isolated Generation possible	Yes / No				
7.9	Reconnection Time	3 mins.				
7.10	Max. DC Current injection to grid	To specify				

Note 4: Refer to the SSDG Grid Codes for parameters settings.

Signature of Applicant: _____

Date: _____

Parameters ^{Note 4}		Requirements		To specify System settings		
Protection Parameters Settings		Trip Setting	Clearance Time	Trip Setting	Clearance Time	Trip Indication Provided
7.11	Rated AC output Current per phase (A)	To specify				
7.12	Total Harmonics Distortion (Voltage)	To specify				
7.13	Total Harmonics Distortion (Current)	To specify				
7.14	Surge Withstand Capability (kV)	To specify				
7.15	Power Factor (leading & lagging)	0.95				
7.16	Will the isolators in the Joint-Use-Facility (if applicable) have visible contacts with lockable facilities in open position?	Yes				
7.17	Will Earthing System be TT ?	Yes				
7.18	Will Batteries be Installed? (Yes/No and capacity)	Yes / No				
7.19	Is a standby generator installed on site?	Yes / No				

Note 4: Refer to the SSDG Grid Codes for parameters settings.

Signature of Applicant: _____

Date: _____

8.0 Checklist for Documents to be submitted with the Application Form		
Documents Submitted		(Y/N)
1	Copy of National Identity Card or passport of Applicant or Designated Authorised Official (whichever is applicable)	
2a	Official document authorizing the designated authorised official to sign the Application Form stating the name and position of the person signing the document (where applicable)	
2b	Copy of National Identity Card or passport of the person signing the Official document (where applicable)	
3	Copy of recent CEB electricity bill	
4	Copy of Business Registration Card (if applicable)	
5	Copy of VAT Registration Certificate (if applicable)	
6	Copy of Certificate of Incorporation (if applicable)	
7	If the Customer is the owner of the installation site: Copy of Registered Title Deed	
8	If the Customer is not the owner: Copy of Registered Title Deed of owner, copy of Registered Lease Agreement, copy of National Identity card of owner (if applicable) and Letter of Authorisation from owner.	
9	Installer Training Certificate in the field of installation of solar photovoltaic systems	
10	Certification in electrical installation in buildings (or equivalent) – Level 4 of the National Qualification Framework, as specified by the Mauritius Qualification Authority (MQA) (for the electrical contractor or installer).	
11	Electrical schematic diagram as per the CEB Grid Code requirements	
12	Location/Site Plan of installation site	
14	Manufacturer datasheet of solar PV panels	
15	Type Test Certificate of solar PV panels from Independent Lab	
16	Manufacturer datasheet of inverter	
17	Type Test Certificate of inverter from Independent Lab	
18	Manufacturer’s Declaration for Inverter’s Conformance to the CEB SSDG Grid Code	
19	Certificate of Compliance with the Electrical Equipment Safety Regulations and/or the Electromagnetic Compatibility Regulations (CE marked)	

**Declaration - To be completed by Customer or Designated
Authorised Official (as applicable) ^{Note 5}**

(a) "I declare that the Solar PV installations proposed in this Application have been designed to comply with the requirements of the CEB as detailed in the prevailing applicable Grid Code and I have taken cognizance of the terms and conditions associated with the CEB Solar PV Scheme for Charging of Electric Vehicles, as detailed on the CEB website, and I also confirm that the information contained in this form is true and correct."

(b) "I declare that I am / the Customer is not in litigation with the CEB."

Name of the Customer or Designated Authorised Official (whichever is applicable)		
Designation (e.g. GM / PS / Director, etc.)		
National Identity Card (NIC) No.		
Signature		Date:

To be completed by the person submitting this Application Form ^{Note 6}

Name of Person submitting this Application Form		
Designation within the Entity or Relationship (whichever is applicable)		
National Identity Card (NIC) No. of the Person		
Signature		Date:

To be completed by CEB Representative (office use)

Serial No. ^{Note 7}		Application Date	
Customer SSDG Contract Account Number:			
Name			
Title of the Officer (CSA or CSO)			
CEB Customer Service Centre			
Signature		Date:	

Note 5: The CEB shall not be liable for delays in processing the application if wrong, incomplete or incorrect information has been provided in the Application Form. The CEB shall reject the application if the missing, incomplete or incorrect information, requested, are not submitted by the deadline given to applicant/installer.

Note 6: The person, if not the Customer, submitting this Application Form, whether a private individual or an employee of the Entity submitting the Application Form, or a representative of the Customer should produce a duly authorised letter signed by the Customer or the designated authorised official, whichever is applicable, when submitting the Application.

Note 7: Serial No. to be filled by SSDG Unit.