



CENTRAL ELECTRICITY BOARD

CEB AGRIVOILTAIC (CAV) SCHEME APPLICATION FORM

FOR RENEWABLE ENERGY (RE) FACILITY OF CAPACITY BELOW 500kWac



Instructions for application

1. The Scheme is opened to all potential project developers in the Agricultural Sector. This includes planters, and breeders.
2. **Application for renewable energy project of capacity 500kWac and above will not be considered.**
3. Submit all requested documents with this Application Form to prevent delay in processing the application.
4. **A non-refundable processing fee (consult CEB website) is payable upon submission of this Application Form.**
5. **Submit the Application Form together with all requested documents in a nearest CEB Customer Service Centre during normal business hours as from 29 July 2024.**
6. Information provided in this Application Form will be used for the technical and administrative verification of the application in accordance with the requirements of the Scheme and the relevant Grid Code.
7. Information submitted in this Form may be used to update the applicant records in the CEB's database.
8. The person signing this Application Form and the Connection Agreement should be duly authorized.
9. Any modification, except for filling in required information, of this Form will result into its rejection.
10. Where applicable, the applicant should secure all necessary authorizations/permissions from the concerned electricity account holder(s) prior to the submission of the Application Form.
11. **Take full cognisance of the terms and conditions of the Scheme (download the Scheme Information Leaflet from CEB website <https://ceb.mu>) prior to submit the application.** For information concerning the application, please contact CEB MSDG Unit on telephone number 601 1100.

1.0	The Applicant Information		
1.1	Name of the Applicant as per Certificate of Incorporation or National Identity Card		
1.2 (a)	Name of the Authorised Official representing the Applicant		
1.2 (b)	Designation of the person (Director, GM, etc.) representing the Applicant		
1.3	Official Address		
1.4	Telephone Number	Landline Number	Mobile Number
1.5	Tax Account Number		
1.6	VAT Registration Number		
1.7	Business Registration Number		
1.8	Email Address of the Applicant of the person representing the Applicant		

Signature of the Applicant/ Authorized Official: _____

Date: _____

2.0	The Installer of the Renewable Energy (RE) Facility Contact Details		
2.1	Name of the 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 the RE Facility ^{Note 1}		
2.7	Qualification in the field of Electrical Engineering/ Electrical installation in buildings or similar (Electrical Contractor or Installer) ^{Note 2}		
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:	
		LV <input type="checkbox"/>	MV <input type="checkbox"/>
		Tel:	
		Others <input type="checkbox"/>	

Note 1: In the interest of the Customer/project owner/promoter/customer and for safety reasons, the CEB shall accept a Certificate on the RE installation from a local or foreign institution OR from the supplier of the RE equipment certifying that the installer is well-versed with the installation of the RE technology. Furthermore, the topics covered (RE technology such as- 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 RE technology 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 installations involving MV switchgear, the installer will need to demonstrate relevant training/certification (for the installer itself or the designated sub-contractor). Moreover, as mentioned in the MSDG Grid Code, the Certificate of Installation will have to be signed by a Registered Professional Engineer. 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 the Applicant/ Authorized Official: _____ **Date:** _____

3.0	The Agrivoltaics Project Details			
3.1 (a)	Site address of the Agrivoltaics Project			
3.1 (b)	GPS coordinates of Site		3.1 (c)	Status of Site (confirmed or intended) ^{Note 3}
3.1 (d)	Agricultural Activity on the Site (breeder or planter)			
3.1 (e)	Date of registration/recognition of agricultural activity ^{Note 4(a)}		3.1 (f)	Age of planter ^{Note 4(b)}
3.2	Telephone Number (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 the Customer electricity bill for the installation site)			
3.5	Total electrical load as declared in the CEB electricity contract account(s) of the Agrivoltaics facility (please consult your CEB Customer Service Centre)	(kW/kVA)		
3.6 (a)	Is the site located within the internal electricity network of a medium-voltage CEB customer? (Yes / No)			
3.6 (b)	Distance of the Agrivoltaics facility from the CEB Network	(m)		
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 if LV or MV metering) on the site			
4.2	For Low Voltage (LV) Metering	Is the building being supplied by a dedicated CEB transformer? (Yes / No)		
4.3	For Medium Voltage (MV) Metering:	Manufacturer & Model of MV Switchgear		
		Is existing client-side MV cubicle equipped with Circuit Breaker or Fuse?		

Note 3: Priority will be given to applicants who provide written confirmation of the sites of the agrivoltaics projects.

Note 4(a): Date of registration/recognition of agricultural activity made after **31 Dec 2023** will be considered as new.

Note 4(b): Planters below the age of 35 years will be considered as young planters. Priority will be given to younger planters.

Signature of the Applicant/ Authorized Official: _____ Date: _____

5.0	The RE Installation Details	
5.1	Type of RE Technology - Solar PV/ Wind.	
5.2	Total proposed capacity of the RE Facility ^{Note 5} (Capacity of 500kWac and above will not be considered)	kW _{ac}
5.3	Expected annual generation	MWh
5.4	Will the RE installation be Ground or Roof mounted?	
5.5	Any other known SSDG/MSDG on the installation site? (Yes/No) If yes, specify capacity & RE technology if known.	
5.6	Manufacturer, Model & Type of RE Installation	
5.7	Country of Origin of the RE Installation	
5.8	Manufacturer, Model & Type of Inverter/Alternator, etc.	
5.9	Country of Origin of Inverter/Alternator, etc.	

Note 5:

- The total proposed capacity of RE installation of the Agrivoltaics should correspond to the AC output capacity.
- In case the total inverter output capacity exceeds the RE capacity applied for, the inverter AC active power has to be limited.
- The total installed DC capacity of solar panels/RE technology shall **not exceed 2%** of the applied AC capacity.
- An official application for a separate electricity supply for the RE facility, which shall be metered through a dedicated set of metering equipment under a specific electricity contract account, will be required.

Signature of the Applicant/ Authorized Official: _____

Date: _____

RE System Guaranteed Particulars

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

6.0 Guaranteed Particulars							
6.1	Rating of PV Panel or Turbine		To specify Wattage				
6.2	Number of PV Panels or Turbine		To specify Nos.				
6.3	Central Inverter, Alternator or Micro inverter, etc.		To specify				
6.4	Manufacturer's Inverter, Alternator Reference, etc.		To specify				
6.5	No. of Inverter, Alternator, etc. & Capacity (No. & kW)		To specify		No.	kW	
6.6	Inverter Output (3 phase/ single phase)		To specify				
7.0	Parameters ^{Note 6}		Requirements		To specify System settings		
	Protection Parameters Settings (applicable to Inverters only)		Trip Setting	Clearance Time	Trip Setting	Clearance Time	Trip Indication Provided
7.1	SSDG up to 50 kW ^{Note 7a}	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	MSDG Greater than 50 kW up to 2 MW ^{Note 7b}	Over Voltage (230/400 V + 9 %)	250.7/436 V	0,2 s			
7.8		Over Voltage (230/400 V + 6 %)	243.8/424 V	1,5 s			
7.9		Under Voltage (230/400 V – 10 %)	207/360 V	3 s			
7.10		Over Frequency (50 Hz + 2 %)	52 Hz	0,5 s			
7.11		50 < MSDG <= 500 kW	Under Frequency (50 Hz - 6 %)	47 Hz	3 s		
7.12		500 < MSDG <= 2 MW	Under Frequency (50 Hz - 6 %)	47 Hz	3 s		
7.13		Loss of Mains (df/dt - Vector shift)	2.5 Hz/s 10 degrees	0,5 s			

Signature of the Applicant/ Authorized Official: _____

Date: _____

8.0	Parameters ^{Note 6}	Requirements	To specify System settings
	Protection Parameters Settings		
8.1	Islanding Detection	Yes / No	
8.2	Isolated Generation possible	Yes / No	
8.3	Reconnection Time	3 mins.	
8.4	Max. DC Current injection to grid (if applicable)	To specify	
8.5	Rated AC output Current per phase (A)	To specify	
8.6	Total Harmonics Distortion (Voltage)	To specify	
8.7	Total Harmonics Distortion (Current)	To specify	
8.8	Surge Withstand Capability (kV)	To specify	
8.9	Power Factor (leading & lagging)	0.95	
8.10	Will the isolators in the Joint-Use-Facility (if applicable) have visible contacts with lockable facilities in open position?	Yes	
8.11	Will Earthing System be TT?	Yes	
8.12	Will Batteries be Installed? (Yes/No and capacity)	Yes / No	
8.13	Is a standby generator installed on site?	Yes / No	

Note 6: For RE technologies other than inverters, to submit proposal of appropriate protection settings for review and approval.

Note 7a: Refer to the SSDG Grid Codes for parameters settings.

Note 7b: Refer to the MSDG Grid Codes for parameters settings.

Signature of the Applicant/ Authorized Official: _____

Date: _____

9.0 Checklist for Documents to be submitted with the Application Form		
Documents Submitted		(Y/N)
1(a)	Copy of National Identity Card or Passport of the Applicant (Breeder or Planter)	
1(b)	Copy of National Identity Card or Passport of the Authorized Person (whichever is applicable) representing the Applicant	
2	Official letter authorizing the Authorized Person to sign the Application Form stating the name and position of the person signing the document.	
	Copy of National Identity Card or Passport of a high-ranked official of the Applicant signing the letter of authorization (whichever is applicable)	
3	Copy of Project Developer recent CEB electricity bill (if available)	
4	Copy of Project Developer Business Registration Card	
5	Copy of Project Developer VAT Registration Certificate (if available)	
6 (a)	Copy of Project Developer Certificate of Incorporation	
6 (b)	Copy of Registration or Recognition Card/Letter from local public authority confirming engagement in Agricultural Activity	
7	If joining a cooperative entity: <ul style="list-style-type: none"> • Cooperative entity official registration certificate/card • Letter, duly signed by the parties, confirming affiliation and delegation to the cooperative entity and consent of the project developer. 	
8	If the Applicant is the owner of the installation site: Copy of Registered Title Deed	
9	If the Applicant 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 Authorization from owner.	
10	Installer Training Certificate in the field of installation of the RE systems	
11	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).	
12	Electrical schematic diagram as per the CEB Grid Code requirements	
13	Location/Site Plan of installation site	
14	Manufacturer datasheet of the RE equipment (e.g., solar PV panels, turbines, etc.)	
15	Type Test Certificate of the RE equipment (e.g., solar PV panels) from Independent Lab	
16	Manufacturer datasheet of inverter/ alternator, etc.	
17	Type Test Certificate of inverter/ alternator, etc. from Independent Lab	
18	Manufacturer's Declaration for Inverter's / alternator's, etc. Conformance to the CEB SSDG Grid or MSDG Grid Codes (whichever is applicable) and CEB requirements.	
19	Certificate of Compliance with the Electrical Equipment Safety Regulations and/or the Electromagnetic Compatibility Regulations (CE marked)	

Signature of the Applicant/ Authorized Official: _____

Date: _____

**Declaration - To be completed by Applicant / Authorized Official
(as applicable) Note 8(a)**

(a) "I declare that the RE installation 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 of the CEB Agrivoltaics (CAV) Scheme, 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 the Applicant is not in litigation with the CEB."

Name of the Applicant / Authorized Official		
Designation (e.g. GM / PS / Director, etc.)		
National Identity Card (NIC) or Passport No.		
Signature:		Date:

To be completed by the person submitting this Application Form Note 8(b)

Name of Person submitting this Application Form		
Position or Relationship with the Applicant		
National Identity Card (NIC) No. or Passport of the Person		
Signature:		Date:

To be completed by CEB Representative *(for office use)*

Serial No. <small>Note 9</small>		Application Date:	
Applicant SSDG/MSDG Contract Account Number:			
Name:			
Title of the Officer (CSA or CSO):			
CEB Customer Service Centre:			
Signature:		Date:	

Note 8(a): 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 may reject the application if the missing, incomplete or incorrect information are not submitted by the deadline given to the applicant/installer.

Note 8(b): The person submitting this Application Form, whether a private individual or an employee of the Applicant, should produce a duly authorized letter signed by the Applicant or the Authorized Official of the Applicant, whichever is applicable, when submitting the Application Form.

Note 9: Serial No. to be filled by CEB MSDG Unit or SSDG Unit.