



## CEB Public Sector Entities Renewable Energy Scheme 2024



Limited to the deployment of 5 MW rooftop solar photovoltaic systems on Government buildings under the GCF Project '*Accelerating the transformational shift to a low carbon economy in the Republic of Mauritius*'

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### OVERVIEW OF THE CEB PUBLIC SECTOR ENTITIES RE SCHEME 2024

This Scheme is a subcategory of the **CEB Public Sector Entities Renewable Energy Scheme**, which was initiated by CEB to implement the measure "*towards a clean and sustainable environment*" announced in the Budget Speech 2019-2020.

The target is to deploy 4500 kilowatts and 500 kilowatts of solar photovoltaic (PV) systems on public buildings in Mauritius and Rodrigues respectively. The combined 5000 kilowatts (5 megawatts) solar PV will be cofinanced in the shares of 73% from Government of Mauritius and 27% from Green Climate Fund (GCF) through the United Nations Development Programme (UNDP) under the GCF Project '*Accelerating the transformational shift to a low carbon economy in the Republic of Mauritius*'.

Through this Scheme, CEB will integrate 5 MW of Small-Scale Distributed Generation (SSDG) and Medium-Scale Distributed Generation (MSDG) solar photovoltaic (PV) systems set up by Public Sector Entities. Public Sector Entities include Statutory Bodies, government-owned entities and government-controlled entities.

Interconnection of the SSDG/MSDG RE projects shall be made strictly in accordance with the applicable Grid Codes ([download Grid Codes](#)) and the terms & conditions defined for the Scheme.

In a spirit of collaboration to promote the use of local renewable energy and support the Public Sector to decarbonize its activities, the CEB will undertake the responsibilities for the procurement, supply, design, installation, testing and commissioning of the solar PV systems on behalf of the PSEs.

The CEB will also provide support for the operation and maintenance (O&M) of the solar PV systems. O&M contracts will be established between the parties in due course.

The initial capacity of each solar PV system will be determined based on preliminary information that the applicant (PSE) should furnish in the relevant application form. The final decision to install the solar PV system on the public building of the PSE shall be based on the outcomes of the technical assessment (survey) which will be carried out by the selected suppliers-installer (contractor).

The solar PV system, placed on concrete ballasts where warranted, will be installed on the rooftop of the public building of the PSE purposely to ensure integrity of waterproofing.

For effective planning of the procurement and the deployment of the 5 MW solar PV systems, an eligible Public Sector Entity (PSE) should make an application for the fully funded solar photovoltaic system by filling in and submitting the relevant Application Form.

The Application Form is available for download at <https://ceb.mu/projects/pse2024>. The duly filled Application Form, along with requested documents, should be sent by email to [psegcf@ceb.mu](mailto:psegcf@ceb.mu) and by registered post or delivered to the CEB Registry. **The initial deadline for the submission of the Application Form has been set for 13<sup>th</sup> December 2024.**

**The earmarked capacity of 5 MW will be allocated to the number of applications received by the deadline, subject to rooftop areas available on the public buildings of interested PSEs. Application submitted after the deadline may be considered if there will be capacities remaining out of the 5 MW.**

**Interested PSEs are strongly advised to take full cognizance of the main CEB Public Sector Entities Renewable Energy Scheme by reading carefully the details at <https://ceb.mu/projects/ceb-public-sector-entities-renewable-energy>**

## KEY TERMS & CONDITIONS OF THE SCHEME 2024

The key terms and conditions of the Scheme 2024 are: -

1. After having received an invitation letter, the authorised representative of each Public Sector Entity should fill in and submit the relevant application form with full details.
2. The charge for the applicable non-refundable processing fee ([click to view the applicable processing fee](#)) will be raised in the PSE's electricity contract account, given in the application form, and shall be paid as part of the electricity bill. Payment of the processing fee does not guarantee registration into the Scheme 2024.
3. The Public Sector Entity's premises', where the solar PV system will be installed, electrical load is effectively declared to CEB. If required, CEB will perform a site survey to ascertain the accuracy of declared load. For this purpose, the Public Sector Entity would authorize and provide CEB's personnel necessary permission and access to carry out the detailed load survey.
4. As would be warranted, the declared or assessed electrical load of the Public Sector Entity's premises, linked to an active electricity contract account, will be updated in the CEB's information system for billing purposes.
5. The PSE should commit and collaborate to enable installation of the solar PV system within a period of 1 year as from the date of the signing of the Connection Agreement.
6. The solar PV system shall at all times comply with all requirements of the relevant applicable Grid Code ([download the Grid Codes](#)) including its subsequent amendments.
7. The Public Sector Entity agrees that CEB keeps web-link access, free of charge, for the downloading of the power generation profile of the solar PV system.

8. The Public Sector Entity agrees that CEB has full free access for downloading data series directly from the inverter and/or energy management system of the solar PV system. For the on-site and/or off-site data downloading, the Public Sector Entity agrees that CEB keeps a free copy of the required operating software and application(s).
9. As and when required, the Public Sector Entity shall give full and free access to CEB personnel and/or its associate(s) to the solar PV system.
10. The Public Sector Entity shall pay all relevant charges and costs, including the connection fee, for the setting up of the solar PV system. These charges shall be raised in the relevant electricity contract account(s) and net off from electricity sales revenues.
11. Cost for network enhancement / expansion for the grid interconnection of the solar PV system shall be borne by PSEs. Minor costs for the grid interconnection, if not included in the capital costs for the solar PV system, will be recovered from revenue generated from the sale of electricity produced by the solar PV systems.
12. Until properly remedied, a solar PV system not complying with the applicable Grid Code, not satisfying all terms and conditions of this Scheme and other regulatory requirements will not be considered for the grid interconnection.
13. The Public Sector Entity has obtained all necessary authorization(s), licenses, permits, etc. prior to the commissioning by CEB of the solar PV system.
14. Where applicable, the total monthly electricity (kWh) consumption of the concerned accounts of the Public Sector Entity shall be calculated by the formula below.

$$C = P + I - E$$

*Where,*

**C** is the total monthly electricity (kWh) consumption;  
**P** is the total energy (kWh) production by the RE facility;  
**I** is the total energy (kWh) imported from CEB; and  
**E** is the total energy (kWh) exported to CEB.

**Note:** Where an electricity contract account linked to the Public Sector Entity's solar PV system is in a 3<sup>rd</sup> party name, prior to the signing of the Connection Agreement, the concerned Public Sector Entity shall obtain the written acceptance of the 3<sup>rd</sup> party for the above formula and for reclassifying the account in a specific CEB Customer Category for the purpose of billing and invoicing of the monthly electricity consumption of the account.

15. Further to the network impact assessment or network survey, whichever would be warranted, the Public Sector Entity or any of its associates would have no objection to the addition of other necessary terms and/or conditions for the grid interconnection of the solar PV system.
16. As notified by CEB, the Public Sector Entity shall implement all recommendations of the network impact assessment or network survey, whichever would be applicable, in time.
17. If applicable, for each solar PV system, the Public Sector Entity should submit the Certificate of Compliance confirming compliance with the applicable Grid Code, CEB's network impact

assessment's or network survey's recommendations and terms & conditions of the Scheme. The Certificate of Compliance shall be certified by an independent qualified technical officer or an independent registered engineer, whichever would be applicable, after the latter has performed all technical and non-technical verifications.

- 18.** The capital costs for the deployment of the solar PV installations on the public buildings in Mauritius (4.5 MW) and Rodrigues (0.5 MW) will be fully funded by Government (73%) and GCF grant (27%) through the United Nations Development Programme (UNDP) unless the PSE would prefer an alternative arrangement, which would need the agreement of all parties.
- 19.** 73% Government funding shall be reimbursed over a period of 240 equal instalments through the sale of solar energy to CEB. The participating Public Sector Entity (PSE) will thereafter benefit from reduction in its electricity payment.
- 20.** The initial capacity of the solar PV system will be determined based on preliminary information that the applicant (PSE) should furnish in the relevant application form.
- 21.** The selection of the public building of the PSE for installing the solar PV system shall be based on the outcomes of the technical assessment (survey), which will be carried out by the selected suppliers-installer (contractor).
- 22.** The solar PV system, placed on concrete ballasts where warranted, will be installed on the rooftop of the public building of the PSE purposely to ensure integrity of waterproofing.
- 23.** The CEB will undertake the responsibilities for the procurement, supply, design, installation, testing and commissioning of the solar PV system on behalf of the PSE.
- 24.** The CEB will also provide support for the operation and maintenance (O&M) of the solar PV systems. O&M contracts will be established between the parties in due course.
- 25.** Where required, the PSE should obtain necessary clearances / approval preferably prior to the submission of the duly filled Application Form. Application from PSEs who do not meet requirements and set timelines will be rolled down the list.
- 26.** As part of the contractual agreements (Installation-Asset Transfer Agreements and Connection Agreements), PSEs shall take ownership of their solar PV systems following the commissioning. Where applicable, the contractual agreements shall be entered into between the Government of Mauritius and the CEB.
- 27.** The Public Sector Entity shall sign the Installation-Asset Transfer and Connection Agreement as and when requested.
- 28.** In accordance with the gross-metering principle, as formulated for this Scheme, all energy produced by the Public Sector Entities RE projects (solar PV systems) shall be injected or shall be considered as injected into the grid.
- 29.** In accordance with the terms and conditions of the Scheme, as from the commercial operation date (COD) of a solar PV system, developed under this Scheme, CEB will buy all the energy (kWh) production, as metered by the production meter, after adjusting for technical losses, at the Tariff (T).

30. The Tariff (T), denominated in Mauritian rupees, will be revised as and when necessary. It is expected that the revised T will be determined and approved by the Utility Regulatory Authority (URA) after it has been filed by CEB. For the present, **T is fixed at MUR 4.20 per kWh**. T will be allocated at the time of the signing of the Connection Agreement.

**Note:** Where an electricity tariff(s) lower than the Tariff (T) has/have been allocated to the electricity contract account(s) linked to the intended solar PV project, the Tariff (T) will be adjusted to the Tariff (Tw), which shall be a weighted average of T and the applicable electricity tariff(s) allocated to the account(s). The weights will be the shares of energy imported, under each electricity contract account, and the energy production by the solar PV project.

31. A minimum of twenty (20) square meters of free accessible space should be provided on the public building of the PSE to qualify for the Scheme 2024.
32. Public Buildings having largest roof spaces may be prioritized for the deployment of the solar PV systems.
33. If required, the solar PV systems will be designed and developed to maximize available roof spaces of qualified public buildings of PSEs. The deployment will be made in descending order starting with the largest capacity.

## **SIZING OF SOLAR PV SYSTEMS UNDER THIS SCHEME**

In line with the CEB PSEs RE Scheme, for the purpose of the deployment of the limited 5 MW solar PV systems, the final capacity (size) of each solar PV system shall be determined after the network impact assessment or network survey carried out by CEB and the total electrical load declared in the active electricity contract account(s) linked to the intended solar PV system.

## **ELIGIBILITY TO APPLY FOR THE SCHEME**

This Scheme is open to all Public Sector Entities willing to set up a solar PV power generation facility under the gross metering method.

A party who is in litigation with CEB, unless the litigation is effectively settled, or already operating an SSDG/MSDG under another Scheme, unless the existing agreement is terminated, will not be considered for this Scheme.

## **HOW TO APPLY FOR THE SCHEME 2024?**

Following CEB's invitation by letter / press communiqué, the authorised representative of each Public Sector Entity should fill in and submit the **APPLICATION FOR SOLAR PHOTOVOLTAIC SYSTEM** for the CEB Public Sector Entities (PSEs) Renewable Energy Scheme - Deployment of 5 MW Solar PV Installations on Public Buildings under GCF Project '*Accelerating the Transformational Shift to a Low Carbon Economy in the Republic of Mauritius*'

The Application Form should be downloaded from the webpage <https://ceb.mu/projects/pse2024> from the CEB website <https://ceb.mu>

## WHERE TO SUBMIT THE APPLICATION FORM?

The duly filled relevant Application Form, together with all relevant requested documents, should be sent by email at [psegcf@ceb.mu](mailto:psegcf@ceb.mu) and by registered post or delivered to the CEB Registry at:

**Ag. Head of Corporate Planning & Research Department,  
CEB Corporate Office,  
Central Electricity Board  
Rue du Savoir,  
Cyber City, Ebène  
Republic of Mauritius**

## FOR MORE INFORMATION ON THE SCHEME

Interested Public Sector Entities, wishing to benefit from this Scheme, can obtain additional information on the Scheme: -

- On CEB's website <http://ceb.intnet.mu/>. This is highly recommended to save time and effort.
- By sending an email to [psegcf@ceb.mu](mailto:psegcf@ceb.mu), or
- By contacting CEB Corporate Planning & Research Department on telephone numbers 404-2038 or 404-2037.

## IMPORTANT ADVICE

- To avoid delays in the implementation of the solar PV system, ensure that all documentation together with the application form is submitted to the CEB. Ensure the form is submitted as indicated.
- The solar PV system is an investment which brings benefits. Therefore, it is necessary to ensure its security all through its life. This will enable maximizing the return on the investment. In addition, carrying out regular maintenance of the solar PV system, with the support of a technically qualified person or the supplier of the equipment, will also contribute to maximizing profit.
- Securing a Connection Agreement for grid interconnection of the intended solar PV system is mandatory. Make sure it has been agreed and signed as and when requested by CEB.
- Whenever needed, seek the support services of CEB, who may provide useful guidance. Keep regular contacts and work closely with CEB.
- Ensure full compliance, at all times, with the applicable Grid Code and its amendments and the Connection Agreement.
- Modification of the setup of the solar PV system, without prior CEB's authorization, will result in an automatic disconnection of the solar PV system from CEB's network and the suspension of the Connection Agreement and thereof all CEB's therein obligations.

## **BENEFITS OF THE SCHEME 2024**

The benefits of the Scheme are as follows: -

- The Public Sector Entities will secure revenue stream from the sale of electricity, generated from the solar PV systems, to CEB, without undertaking the investment in the solar PV systems, for a period of 20 years.
- Subject to the compulsory network impact assessment or network survey, whichever would be warranted, and apportionment of the 5 MW allocated capacity, concerned Public Sector Entities will participate in the production of clean electricity; hence, moving towards carbon neutral.
- The Public Sector Entities' solar PV systems will be supported by CEB grid to stabilize the intermittent power generation of the solar PV systems; hence no investment for energy storage system.
- The Public Sector Entities will be able to lower the investment costs of their SSDG/MSDG projects as an energy storage system (ESS) will not be required. This will enable the Public Sector Entities to minimize their exposure to financial, technological and/or operational risks associated with ESS.
- By developing the solar PV projects, the Public Sector Entities will participate in promoting the use of renewable energy; hence, upholding national and international commitment for sustainable energy development as part of the goal to combat climate change.
- The Public Sector Entities will have the opportunity to contribute to national energy security and protection of the environment, while participating in the strengthening and inclusive development of the National Power System.