



CEB ICT SECTOR CARBON NEUTRAL (ISCN) RENEWABLE ENERGY (RE) SCHEME

INFORMATION LEAFLET

INTRODUCTION

The strategy to increase the shares of renewable energy in the national electricity generation mix is under implementation with several projects in the categories Small-Scale Distributed Generation (SSDG), Medium-Scale Distributed Generation (MSDG) and Utility-Scale.

In the last national Budget Speech 2024-2025 (*ref: Paragraph 156*), it has been stipulated that “... to accelerate the transition towards renewable energy, the CEB will launch an ICT Sector Carbon Neutral Scheme with excess electricity exported at Rs 4.20 per kWh.” This is another measure to widen the scope for the development of more renewable energy projects by end-users.

In line with the expressed measure, a new renewable energy scheme aiming at carbon neutrality in the Information, Communication and Technology (ICT) Sector has been conceptualized following consultation with the Outsourcing & Telecommunications Association of Mauritius (OTAM).

The details of the new scheme, named as **CEB ICT SECTOR CARBON NEUTRAL (ISCN) RENEWABLE ENERGY (RE) SCHEME**, is presented in this information leaflet.

In the initial and current phase of the ISCN RE Scheme, the CEB will consider application for renewable energy (RE) projects (**solar and wind sources only**) from **Customers registered in the Electricity Tariff Categories 245 and 250**, both in Mauritius and Rodrigues.

A total cumulated capacity of **twenty (20) megawatts (MW)** has been earmarked for the present phase of the Scheme in Mauritius. For Rodrigues, the allocation of capacity will be determined based on the outcomes of the *Rodrigues Ile Verte* study.

In any case, the combined capacity of RE projects, under the Scheme, should not exceed fifteen (15) MW ac.

Interconnection of each RE project to the CEB grid shall strictly be made in accordance with the applicable legislations, codes and CEB’s requirements.

Under this Scheme, the **eligible CEB Customers can form and legally elect a cooperative entity, which should be duly registered, to represent their interests in the setting up of one or more joint RE facilities.** For each RE facility set up under the Scheme, **the cumulated energy (MWh) generation should not exceed 150% of the total annual electricity (kWh) consumption of the eligible Customers.** An electricity contract account cannot be assigned to more than one RE facility.

The testing and commissioning of RE projects for grid connection will be carried out in sequential order based on the state of readiness of compliant projects. Projects which cannot be commissioned will be rolled over to next phases of the Scheme. The next phases of the Scheme will be opened in accordance with the grid absorption capacity.

In line with the rolling-over principle, CEB customers in the Tariff Categories 245 and 250, eligible for this Scheme, can submit application for grid connection of RE facilities throughout the year.

The CEB ISCN RENEWABLE ENERGY (RE) SCHEME is officially launched on 20 September 2024.

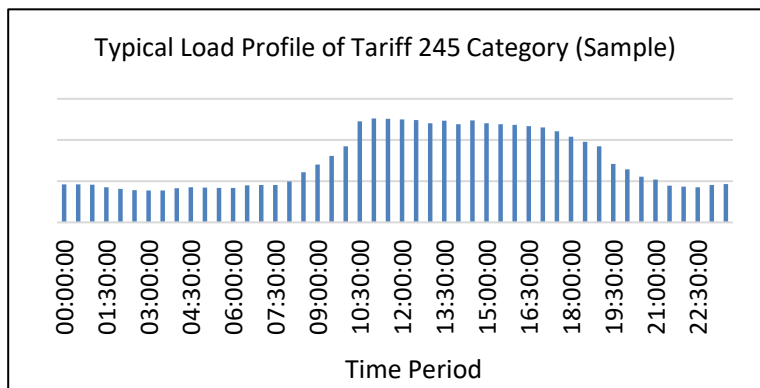
In the following sections, important information on the Scheme is given. Eligible CEB Customers in the Electricity Tariff Categories 245 and 250 and the public at large are advised to read carefully the information provided hereunder.

MAIN GOALS OF THE ISCN RE SCHEME

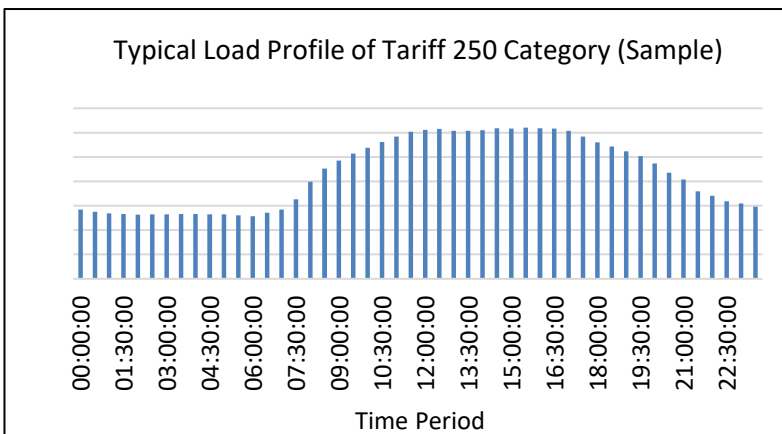
The ISCN RE Scheme is in line with Government strategy to support the ICT Sector in its quest towards carbon neutrality while pursuing and accelerating the decarbonisation of the national grid.

The Scheme can contribute to speed up actions to meet the national target of 60% shares of RE in the electricity mix by 2030 pursuant to the Renewable Energy Roadmap 2030.

The Scheme offers the opportunity to eligible CEB Customers in the ICT Sector to engage in clean, renewable electricity production through the formation of cooperative entities, who in such arrangement shall be the entities responsible for the commercial operation of the RE facilities.



Through this Scheme, CEB confirms its support to its qualified Customers in the setting up of RE projects with the common objective of ensuring sustainable development of the national Power System.



The consent of participating CEB Customers in the Tariff Categories 245 and 250 should be formally obtained and submitted prior to the signing of the applicable Agreements (Connection or Interconnection).

WHAT IS THE ISCN RE SCHEME?

The ISCN RE Scheme will provide an option to CEB Customers in the Tariff Categories 245 and 250 to invest in renewable energy power generation (solar and wind sources only) for their own consumption and export up to 50% of excess electricity generated. Amongst others, the Scheme aims to provide the eligible Customers an option to mitigate partly the impact of recent electricity tariff increase.

Under the present phase of the Scheme, CEB plans to integrate a total cumulated capacity of **20 MW of renewable energy (solar and wind sources only) facilities (SSDG, MSDG and Utility-Scale¹)** into the Mauritian grid.

All proposed RE projects, under this Scheme, will be subject to either a network impact assessment or a network survey, whichever would be warranted. Thereafter, the qualified Customer or the cooperative entity representing the interests of group of qualified Customers will have to implement all the recommendations of the assessment/survey prior/during the setting up of the RE facility.

KEY FEATURES OF THE ISCN RE SCHEME

The key features of the ISCN RE Scheme are as follows: -

1. Each eligible CEB Customer engaging in the Scheme will be considered as a Prosumer, irrespective of the ownership and siting of the RE facility, which may be located on-the-site or off-the-site.
2. The Scheme will operate under the principle of off-setting of energy exported against energy imported from the grid with the mandatory application of an unbundled time-of-use tariff which the CEB will allocate.
3. The typical structure of the unbundled time-of-use tariff, which will be filed to the Utility Regulatory Authority (URA) for publication, applicable on a monthly basis to accounts presently registered in the **Tariff Code 245** is shown in the table below.
 - Until further notice, the Running Charge (energy import) rates for the different time of the day shall have the differentials whereby the evening (peak) rate shall be 48.2% higher than the day rate and the night rate shall be 35.4% below the evening (peak) rate.

Running (Energy) Charge	Import Tariff		Export Tariff
	Identifier	Rate (Rs per kWh)	Rate (Rs per kWh)
Day period (06.00 to 18.00 hours)	[A]	Running Charge rate of existing Tariff applicable to Customer's electricity contract account as per General Notice No. 1804 of 2022	Same as [A]
Evening (Peak) period (18.00 to 21.00 hours)	[B]	48.2 percent higher than [A]	Same as [A]
Night period (21.00 to 06.00 hours)	[C]	35.4 percent lower than [B]	Same as [C]

¹ SSDG is Small-Scale Distributed Generation of capacity not exceeding 50 kW; MSDG is Medium-Scale Distributed Generation of capacity ranging from 50 kW to 2 MW; and Utility-Scale Power Generation facilities of capacity above 2 MW.

Other Charges²		
System Operator Service	Rs 0.040 per kWh consumed	-
Transmission Service	Rs 0.400 per kWh consumed	-
Single Buyer Service	Rs 0.015 per kWh consumed	-
Fixed Demand Charge	Rs 125 per kVA (apparent power supplied) for 5 kVA	-
Service Charge	Rs 427.00 per month	-
Contribution (Solidarité Tarifaire)	Rs 3.104 per kWh consumed	-

The **Minimum Charge, Power Factor Clause, Security Deposits** and **Meter Rentals** applicable to electricity end-users under Tariff Code 245 as per the General Notice No. 1804 of 2022 shall be applied under the ISCN RE Scheme and shall be billed as per existing billing practice.

- For the purpose of calculating the monthly bill, the total monthly electricity (kWh) consumption of the concerned Prosumer 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.

- The typical structure of the unbundled time-of-use tariff, which will be filed to the Utility Regulatory Authority (URA) for publication, applicable on a monthly basis to accounts presently registered in the **Tariff Code 250** is shown in the table below.

- Until further notice, the Running Charge (energy import) rates for the different time of the day shall have the differentials whereby the evening (peak) rate shall be 48.2% higher than the day rate and the night rate shall be 35.4% below the evening (peak) rate.

Running (Energy) Charge	Import Tariff		Export Tariff
	Identifier	Rate (Rs per kWh)	Rate (Rs per kWh)
Day period (06.00 to 18.00 hours)	[A]	Running Charge rate of existing Tariff applicable to Customer's electricity contract account as per General Notice No. 1804 of 2022	Same as [A]
Evening (Peak) period (18.00 to 21.00 hours)	[B]	48.2 percent higher than [A]	Same as [A]
Night period (21.00 to 06.00 hours)	[C]	35.4 percent lower than [B]	Same as [C]

Other Charges³		
System Operator Service	Rs 0.040 per kWh consumed	-
Transmission Service	Rs 0.400 per kWh consumed	-
Single Buyer Service	Rs 0.015 per kWh consumed	-
Fixed Demand Charge	Rs 242 per kVA (apparent power supplied) subject to a minimum of 20 kVA	-
Service Charge	Rs 427.00 per month	-
Contribution (Solidarité Tarifaire)	Rs 3.628 per kWh consumed	-

² The Other Charges will be lumped into and appeared as a single-line item on the electricity bill.

³ The Other Charges will be lumped into and appeared as a single-line item on the electricity bill.

The **Minimum Charge, Power Factor Clause, Security Deposits** and **Meter Rentals** applicable to electricity end-users under Tariff Code 250 as per the General Notice No. 1804 of 2022 shall be applied under the ISCN RE Scheme and shall be billed as per existing billing practice.

- For the purpose of calculating the monthly bill, the total monthly electricity (kWh) consumption of the concerned Prosumer 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.

5. The structure / rates of the above-referred unbundled time-of-use (ToU) tariffs shall be subject to future revision, as and when necessary. Nonetheless, as far as possible, consideration will be given to ensure that the Running Charge (energy import) rates for the different time of the day shall have the differentials whereby the evening (peak) rate shall be 48.2% higher than the day rate and the night rate shall be 35.4% below the evening (peak) rate.
6. The Prosumer will be allowed to benefit from renewable energy produced from the on-site or off-site RE facilities that can generate up to 150 percent of its annual electricity requirements to which its electricity contract account is linked. The annual electricity requirements shall be calculated based on the latest available monthly consumption.
7. Each RE facility will be identified by a unique electricity contract account number assigned by the CEB. The cooperative entity, legally elected for the commercial operation of the RE facility, shall provide the percentage shares in which the produced renewable energy should be shared among the qualified electricity contract accounts listed in the Agreement (Connection or Interconnection).
8. **The rate for the purchase of excess energy shall be Rs 4.20 per kWh.**
9. A Letter of Commitment (LOC) as proof of the RE Project's implementation shall be provided two weeks after the issue of the Letter of Intent (LoI) by the CEB.

SIZING OF THE RE FACILITY

Under this Scheme, an eligible Customer will be allowed to install a renewable energy facility to meet up to 150 percent of its total annual electricity requirements.

The eligible Customer can opt to join and form part of a cooperative entity who will be responsible for the commercial operation of the joint facility.

In any case, the maximum capacity per facility should not exceed fifteen (15) megawatts (MW) ac. For RE facility of capacity above 2 MW, the CEB will provide the grid interconnection and network expansion requirements in due course.

The final capacity (size) of each RE facility shall be determined after the network impact assessment (NIA) or network survey (NS) has been carried out by CEB and the declared electrical load of the active electricity contract account(s) linked to the intended RE facility is effectively updated in the CEB information system.

Upon the completion of NIA and/or NS, the eligible Customer will have to implement all the recommendations made by the CEB within given deadline(s).

Subject to the terms and conditions for the Scheme, each eligible Customer should determine the capacity of its each RE facility based on its expected annual electricity (kWh) demand, calculated on the basis of the latest available monthly consumption; **oversizing of the RE facility to generate up to 150% of the Customer annual electricity (kWh) requirement will be allowed.**

METERING REQUIREMENTS UNDER THE ISCN RE SCHEME

Although the Scheme will operate under the principle of energy offsetting, separate metering equipment will be required, especially in cases where the RE facilities would be located off-site.

For metering purpose, all RE projects to be developed under this Scheme shall be equipped with production and import-export meters. The meters will be provided by the CEB. The latter will keep total administrative and technical control of the meters and their associated metering equipment. All related costs for metering shall be borne by the concerned Customers (Prosumers).

The location of the meters and metering equipment within the electrical setup of each concerned RE facility will be determined during the mandatory network impact assessment or mandatory network survey, whichever would be warranted.

On a case-to-case basis, special consideration will be given to ensure the optimal solution for the metering of the RE project purposely to ensure best commercial practices and billing requirements.

KEY TERMS & CONDITIONS OF THE ISCN RE SCHEME

The key terms and conditions of the ISCN RE Scheme are: -

1. Every eligible Customer should fill and submit the relevant application form (for RE facility capacity of up to 2 MW) or project proposal document (for RE facility above 2 MW), together with full details of the intended renewable energy project.
2. Upon the submission of the duly filled application form or project proposal document, the Customer should pay the applicable non-refundable processing fee ([click to view the applicable processing fee](#)) to enable processing the application. Payment of the processing fee does not guarantee registration into the Scheme.
3. The electrical load of the Customer's relevant electricity contract account(s) is effectively declared to CEB. If required, CEB will perform a site survey to ascertain the accuracy of the declared load. For this purpose, the Customer 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, linked to an electricity contract account, will be updated in the CEB's information system for billing purposes.
5. For RE facility of capacity up to 2 MW Agreement, the Customer (or designated project developer – the cooperative entity) shall complete the construction of the facility within a period of 12 months as from the date of the signing of the Connection Agreement (CA).

6. For RE facility of capacity above 2 MW Agreement, the Customer (or designated project developer – the cooperative entity) shall complete the construction of the facility within a period of 17 months as from the date of the signing of the Interconnection Agreement (IA).
7. A Letter of Commitment (LOC) as proof of the RE Project’s implementation shall be provided two weeks after the issue of the Letter of Intent (LoI).
8. The RE facility shall at all times comply with all requirements of the relevant applicable Grid Code ([download the Grid Codes](#)) including its subsequent amendments.

Note: For safety and quality reasons, the concerned Customer is strongly advised to seek the support of a qualified person in the field of RE technology prior to filling and submitting the application.

9. The Prosumer (or its designated project developer – the cooperative entity) shall provide CEB with web-link access, free of charge, for the downloading of the power output of the RE facility.
10. Where necessary, as and when required, the Prosumer (or its designated project developer – the cooperative entity) shall give full free access to CEB for downloading data series directly from the inverter and/or energy management system of the RE facility. For the on-site and/or off-site data downloading, the Prosumer (or its designated project developer – the cooperative entity) shall provide CEB a free copy of the required operating software and application(s).
11. Following a notice from CEB, the Prosumer (or its designated project developer – the cooperative entity) shall give full and free access to CEB personnel and/or its associate(s) to the RE facility.
12. The Prosumer (or its designated project developer – the cooperative entity) shall pay all relevant charges and costs, including the connection fee, for the setting up of the RE facility.
13. Until properly remedied, a RE facility not complying with the applicable Grid Code and not satisfying all terms and conditions of this Scheme and other regulatory requirements, will not be considered for the grid interconnection and/or disconnected from the grid.
14. The Prosumer (or its designated project developer – the cooperative entity) shall obtain all necessary applicable authorizations, licenses, permits, etc. prior to the commissioning of the RE facility by the CEB.
15. Where applicable, the total monthly electricity (kWh) consumption of the concerned Prosumer (or designated project developer – the cooperative 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 RE facility is in a 3rd party name, prior to the signing of the Agreement (CA or IA), the concerned Prosumer (or designated project developer – the cooperative entity) shall obtain the written acceptance of the 3rd 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.

16. Further to the network impact assessment or network survey, whichever would be warranted, the Prosumer and any of its associates would have no objection to the addition of other necessary terms and/or conditions for the grid connection/interconnection of the RE facility.
17. As notified by CEB, the Prosumer (or its designated project developer – the cooperative entity) shall implement all recommendations of the network impact assessment or network survey, whichever would be applicable, within the given time.
18. For each RE facility, the Prosumer (or its designated project developer – the cooperative entity) should submit the Certificate of Compliance confirming compliance to 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 for RE capacity not involving installation of HT switchgear or an independent registered engineer for RE system involving installation of HT switchgear, whichever would be applicable, after the latter has performed all technical and non-technical verifications.
19. The Prosumer (or its designated project developer – the cooperative entity) shall sign the legally binding CA for RE facility up to 2 MW and relevant IA for capacity above 2 MW as per given deadlines.
20. By submitting an application, either in the application form or a project proposal document, whichever is applicable, the Customer and its representatives unreservedly authorize CEB or its associates, suppliers, contractors, etc. to share the information provided therein. In addition, the Customer (or its designated project developer – the cooperative entity) would have no objection that any of the mentioned parties contact it for administrative or non-administrative matters in respect of the setting up of the RE project (facility).
21. Other terms and conditions shall be provided in the relevant Agreement (CA or IA). The key features of the Scheme are inherent part of the Agreement. Not complying to the Agreement would entail automatic rejection of the RE project under the Scheme.

APPLYING FOR THE ISCN RE SCHEME AND SIGNING OF AGREEMENT

The application and signing of the relevant Agreement procedure for the ISCN RE Scheme is explained in this section.

1. Eligible Customers willing to participate in the Scheme should submit the duly filled-in **relevant Application Form or Project Proposal Document (PPD)** together with all required documents for the proposed renewable energy projects.
2. **For RE project of capacity up to two megawatts (2 MW)**, the eligible Customer (or its designated project developer – the cooperative entity) should **submit the relevant Application Form as from 30 September 2024**. The relevant application form ([click to download the Application Form](#)) is available for download from the CEB website <http://ceb.mu> .
3. **For RE project of capacity above 2 MW**, the eligible Customer (or its designated project developer – the cooperative entity) should **submit the detailed RE Project Proposal Document (PPD) as from 30 September 2024**. The standard template of the PPD ([click to download](#)) is available on the CEB website.

4. After a project has been accepted under the Scheme, the CEB will issue a Letter of Intent (LoI) to the concerned eligible and qualified Customer (or its designated project developer – the cooperative entity).
5. The **LoI will remain valid for a period of two months**, within which the Customer (or its designated project developer – the cooperative entity) shall submit the duly filled-in signed Agreement (CA or IA), whichever would be applicable, to the CEB. The model IA and standard CA will be available for download on the CEB website shortly.
6. As from the date of the signing of the relevant Agreement, except for unforeseen justifiable reasons, the Customer (or its designated project developer – the cooperative entity) shall start the commercial operation of the RE facility **within a period of 17 months for RE project above 2 MW and within a period of 12 months for RE project of up to 2 MW**; failing which relevant provisions of the Agreement shall be exercised.

ELIGIBILITY TO APPLY FOR THE SCHEME

The Scheme is opened to **all CEB Customers registered under the Tariff Codes 245 and 250**.

The RE project of a party who is in litigation with the CEB will be kept into abeyance, until the litigation is effectively settled.

Application from an eligible Customer holding an Agreement under another RE Scheme with the same electricity Contract Account Number will not be considered.

WHERE TO SUBMIT THE APPLICATION?

The duly filled-in **Application Form** (for projects of capacity up to 2 MW) or the duly filled-in **Project Proposal Document** (for projects above 2 MW), together with all required documents should be submitted in a CEB Customer Services Center (CSC) **as from 30 September 2024**. Contact details and addresses of CEB CSCs are available on the CEB website <https://ceb.mu>

Note:

- Application received prior to dates mentioned above will not be considered.
- The applicable processing fee ([click to view the applicable processing fee](#)) is payable upon submission of the application (Application Form or Project Proposal Document).
- Processing of the application will start only after payment of the applicable processing fee.

FOR MORE INFORMATION ON THE ISCN RE SCHEME

Interested eligible CEB Customers, wishing to benefit from the ISCN RE Scheme, can obtain additional information on the Scheme: -

- On CEB's website <http://ceb.mu> . This is highly recommended to save time and effort.
- By sending an email to queryiscnscheme@ceb.mu , or
- By contacting CEB Corporate Planning and Research Department and Renewable Energy Department (SSDG Unit or MSDG Unit) on telephone numbers 404-2000 and 601-1100 respectively.

BENEFITS OF THE ISCN RE SCHEME

Amongst others, the benefits of the Scheme are as follows: -

- Subject to the compulsory network impact assessment (NIA) or network survey (NS), whichever would be warranted, interested eligible Customers (Prosumers) will participate in the production of clean electricity.
- The Customer can opt to join and form part of a cooperative entity, who will be responsible to develop a joint RE facility and also undertake the commercial operation of the facility. This ownership model could be a more efficient investment with potential benefit from economies-of-scale in financing, procurement, operation, etc.
- The Prosumers will net off their electricity import from the grid with the energy generated by the RE facility pursuant to the applicable attractive unbundled time-of-use tariff; thus, reducing their monthly electricity bills for a period of 20 years.
- The Prosumers will receive revenue from exporting up to 50% of the excess electricity generation. The rate for the energy export will be Rs 4.20 per kWh.
- The RE facilities will be supported by CEB grid to stabilize the intermittent power generation; hence no investment for energy storage system is required at the present.
- By engaging into this Scheme, the Prosumers will promote the use of renewable energy; hence, upholding national and international commitment for sustainable energy development. At the same time, they will improve the carbon footprint of their respective business activities, by extension enhancing the appeal of their products or services.
- The Prosumers will have the opportunity to contribute towards national energy supply security and environment protection, while participating in the strengthening and supporting the inclusive development of the national Power System.

IMPORTANT ADVICE

- Pursuant to the prevailing Electricity Act and ensuing regulations, every person (individual or entity) is legally required to register with the Utility Regulatory Authority (URA) and thereof apply for a relevant electricity generation licence. For more information on this legal obligation, contact the URA. Information in this regard is available at <https://uramauritius.mu/>.
- Given the technicalities and financial implications in setting up of renewable energy project, sufficient care should be exerted when soliciting third party's supports. Contracting the services of an experienced consultant in the field is strongly recommended.
- The RE facility has to be fully compliant with the applicable Grid Code. In order to design properly the RE facility, seek support from knowledgeable qualified people who shall be able to prepare not only the technical part but equally the financial assessment of your investment in the RE facility. Keep regular contacts and work closely with the CEB.
- To avoid delays in the implementation of the project, ensure that all documentation together with the application form or project proposal document are submitted to the CEB. Ensure that the submission is made as instructed.
- Securing a Connection Agreement (CA) or Interconnection Agreement (IA), whichever is relevant, for the grid interconnection of the intended RE project (facility) is mandatory. Make sure that it

has been agreed and signed prior to the setting up of the project (facility). It is strongly advised that payment(s) for equipment of the facility be initiated only after all agreements, licenses and permits, as applicable, have been properly secured.

- Whenever needed, seek the support services of the CEB, who will provide useful guidance.
- The RE project/facility is an investment which shall bring benefits. Therefore, it is necessary to ensure its security all over its life. This will enable maximizing the return on the investment. In addition, carrying out regular maintenance of the project (facility), with the support of a technically qualified person or the supplier of the equipment, will also contribute in maximizing gain.
- Ensure full compliance, at all times, with the applicable Grid Code and its amendments and the Agreement (CA or IA).
- Modification of the setup of the RE facility, without prior CEB's authorization, will result in an automatic disconnection of the RE facility from CEB network and the suspension of the Agreement (CA or IA) and thereof all CEB's therein obligations.