

# **INFORMATION / GUIDELINES FOR ACCREDITATION OF RENEWABLE ENERGY GENERATION PROJECT FOR REC MECHANISM IN THE STATE OF PUNJAB**

## **1. OBJECTIVE**

**1.1.** These guidelines shall provide guidance to the entities to obtain and maintain accreditation under Renewable Energy Certificate mechanism as envisaged under Central Electricity Regulatory Commission (Terms and Conditions for recognition and issuance of Renewable Energy Certificates for Renewable Energy Generation) Regulations, 2010 notified by CERC and as amended from time to time, (hereinafter referred to as “**the CERC REC Regulations**”).

**1.2.** These guidelines are prepared in order to implement the CERC REC Regulations in the state of Punjab thro’ accreditation of the eligible entities/projects by the State Agency i.e. Punjab Energy Development Agency (PEDA) designated by Punjab State Electricity Regulatory Commission vide its notification no. PSERC/Secy/Regu/53 dt. 30.11.2010.

**1.3.** Words and expressions used in these guidelines and not defined herein but defined in the Act, the CERC REC Regulations or any other Regulations issued by the Central Commission and RPO Regulations issued by State Commission shall have the same meaning assigned to them respectively in the Act, the CERC REC Regulations or such other Regulations and RPO Regulations issued by the respective Commissions.

## **2. APPLICABILITY AND SCOPE**

**2.1.** This information/guidelines shall be applicable to all the generating companies including Captive Generating Plants (CGP) set up/ being set up in the state of Punjab based on renewable energy sources (herein after called Generating Company/eligible entity) engaged in generation of electricity from renewable energy sources such as small hydro (up to 25 MW capacity), wind, solar including its integration with combined cycle, biomass, bio fuel cogeneration, urban or municipal waste and such other sources as recognized or approved by Ministry of New and Renewable Energy for their Renewable Energy Power Projects subject to fulfillment of eligibility conditions for participating in REC mechanism in accordance with the provisions stipulated under the CERC REC Regulations.

**2.2.** PEDDA shall undertake the accreditation of any renewable energy generation project not earlier than six months prior to the proposed date of commissioning of such RE generation project. For existing eligible RE Generation Project not tied up in long term power purchase agreement, the State Agency shall undertake the accreditation of the RE Generation Project as and when the RE Generating Company makes an application for accreditation.

**2.3.** The permission granted by the State Agency in the form of accreditation certificate to the Generating Company for the accredited RE Generation Project shall be valid for a period of five years from the date of accreditation certificate unless otherwise revoked prior to such validity period in pursuance of conditions for revocation as outlined under these Guidelines.

### **3. STEP-WISE DESCRIPTION OF THE GUIDELINES**

The basic information/guidelines for accreditation of the RE generation project shall broadly cover following steps:

**3.1. STEP 1:** An application for availing accreditation shall be made by the generating company on the Web Based Application accessible on the home page of web site of REC Registry of India (<[www.recregistryindia.nic.in](http://www.recregistryindia.nic.in)>) and shall also submit the same information in physical form with the State Agency. In case, the Applicant has multiple RE generation projects then, separate Applications will have to be submitted by the Applicant for each RE generation project. Accreditation of each RE generation project shall be carried out separately. The RE Generation Project shall comply with the requirements of Connectivity standards for Grid Connectivity at particular injection voltage/grid interface point as specified by PSTCL or PSPCL, as the case may be. The Application made for accreditation of RE generation project shall be accompanied by a non-refundable processing fee and submit accreditation charges before grant of accreditation (one time and annual) as determined by the PSERC/CERC from time to time.

**3.2. STEP 2:** The State Agency shall assign a unique acknowledgement number to the Applicant for each application for accreditation of its RE generation project, for any future correspondence. The applicant shall be given a User ID and a password, for the purpose of submitting the information in the web based application system, which shall be valid for 15 days.

**3.3. STEP 3:** After receipt of hard copy of application for accreditation, the State Agency shall conduct a preliminary scrutiny to ensure Application Form is complete in all respect along with necessary documents and applicable processing fee. The State Agency shall undertake preliminary scrutiny of the Application within 5 working days from date of receipt of such Application.

**3.4. STEP 4:** After conducting the preliminary scrutiny, the State Agency shall intimate in writing to the Applicant for submission of any further information, if necessary, to further consider the application for accreditation or reject application. The reasons for rejecting the application for accreditation shall be recorded and intimated to Applicant in writing.

**3.5. STEP 5:** While considering any application for accreditation of RE generation project, the State Agency shall verify and ascertain availability of following information:

- a) 'Availability of Land' in possession for setting up generating station (Certified copy/copies of the Registered Lease / Sale Deeds for the land in possession)
- b) Power Evacuation Arrangement permission letter from the PSTCL or PSPCL, as the case may be. (Open Access approval Letter/Agreement or PPA with PSPCL for purchase on APPC)
- c) Confirmation of Metering Arrangement and Metering Location (Description of Metering arrangement and metering location with single line diagram indicating Meter type, manufacturer, model, serial number, class and accuracy). Metering arrangement and location will be indicated on existing as built Single Line Diagram (SLD) signed by field officers of PSPCL and 3 copies of the drawing will be submitted initially to State Agency. After scrutiny, 2 copies of the same will be forwarded to PSPCL for approval of metering arrangement and installation of the metering system by the generating company. After the installation of metering system and checking/testing/sealing by PSPCL, the documents thereof will be submitted by the generating company along with a copy of approved SLD to State Agency alongwith Annual and Accreditation charges after which accreditation will be granted.
- d) Letter from PSPCL/PSTCL indicating date of Commissioning of RE project for existing eligible RE Project or declaration of Date of commissioning for fully Captive/Co-gen power project or undertaking for Proposed Date of Commissioning

for new RE project for accreditation (proof of actual commissioning date to be given after commissioning but before claiming RECs)

e) Model, Make and Manufacturer's Test Certificates for critical equipment (say, Water/Wind Turbine Generator, Steam Boiler Turbine Generator, PV Module & Inverter, Bio Gas Turbo Generator etc.) for the RE Project establishing compliance of critical equipment with relevant applicable BIS, IEC or CEA Standards.

f) Undertaking for compliance with the usage of fossil fuel criteria as specified by MNRE.

g) Details of application processing fees.

h) Write up to demonstrate compliance with the eligibility conditions for accreditation/registration under REC mechanism.

i) Copies of Clearances and Approvals (from/for MoEF, Punjab Pollution Control Board, Chief Electrical Inspector, Boiler Inspector, Water usage and Fuel usage as applicable).

j) Certified true copies of Memorandum of Association, Articles of Association, and Certificate of Incorporation & commencement of Business / Byelaws of Cooperative Society as applicable.

k) Appointment of Statutory Auditor.

l) Certified true copy of latest Electricity Bill paid to PSPCL.

m) Certified true Copy of Company PAN card.

n) Copy of List of Directors.

o) Latest Audit Report & Balance Sheet signed by Chartered Accountant.

p) Board Resolution/ Power of Attorney in the name of the person signing the accreditation documents.

q) In case part capacity of CGP is bound with PSPCL under long term power purchase agreement on preferential tariff, then copy of PPA to be attached and for verification of capacity for captive consumption for which accreditation is sought, Connected load statement duly verified by SDO/DS, PSPCL is to be attached.

**3.6. STEP 6:** The State Agency, after duly inspecting/verifying documents and receipt of Annual plus Accreditation charges, shall grant 'Certificate for Accreditation' to the concerned Applicant for the proposed RE Generation project and assign a specific project code number to that effect which shall be used by the such Applicant (Eligible Entities) for all future correspondence with the State Agency. The process of

accreditation shall normally be completed within 30 days from date of receipt of complete information by State Agency. In case accreditation is not granted at this stage, the reasons for rejecting the application for accreditation shall be recorded and intimated to Applicant in writing.

**3.7. STEP 7:** On grant of accreditation, the State Agency shall also intimate accreditation of particular RE generation project to the following entities,

- a. The Central Agency
- b. The Punjab State Load Dispatch Center
- c. SE/Sr. XEN/DS of PSPCL in whose area the RE generation project is/would be located.

#### **4. FUNCTIONS, ROLES AND RESPONSIBILITIES OF ENTITIES INVOLVED**

Besides the functions of the entities involved stated in para 3 above, the other functions, roles and responsibilities of the entities are elaborated in the following paragraphs,

##### **4.1 The Generating Company (Eligible Entity)**

a) The Generating Company shall apply for accreditation, pay the prescribed fees & charges and coordinate with the State Agency for submitting the information in a timely manner. Presently one time accreditation processing fees is Rs. 5000/- (inclusive of taxes & duties) per application. The Generating Company shall pay one time accreditation charge at the rate of Rs. 30000/- per application and Annual Charges at the rate of Rs. 10000/- per application before the 'Certificate of Accreditation' is granted by the State Agency. The annual charges shall be payable by April 10, of each fiscal year or each anniversary date from date of initial accreditation. The Generating Company shall pay charges towards Revalidation/ Extension of Validity at the rate of Rs. 15000/- per application at the time of revalidation/ extension of validity of existing Accreditation at the end of five (5) years, or any such period as determined by the Commission from time to time, from the date of initial Accreditation unless otherwise revoked prior to such validity period. All fees and charges shall be payable by way of Demand Draft drawn in favor of "Punjab Energy Development Agency" payable at Chandigarh.

b) The Generating Company (Eligible Entity) shall submit a declaration or undertaking as per **Format 1. 1.**

c) The generating company shall install special energy meters (ABT), for the purpose of metering of energy injection into/drawl from the electricity grid (import & export). Further, in case ABT regime is not applicable on interface points then the meter(s) will be Energy Accounting & Audit meters (TVM) having import and export registers. For accounting of energy at the generator terminals of TGs and DGs, Auxiliary Consumption feeders and process feeders, Energy Accounting & Audit meters (TVM) will be provided. In case the generating plant has scheduling obligation, then metering complying with scheduling requirements shall be used for RE injection report. The metering system shall comprise of main & check meter(s) and dedicated CTs of 0.2s & PTs of 0.2 accuracy class and shall facilitate preparing energy balance report of generation from all generating plants in the premises plus energy import from grid, and auxiliary consumption plus energy export to grid plus captive consumption plus colony consumption (if connected to generating plant). The metering system shall be of the make approved by PSPCL and shall comply with Punjab State Grid Code-2013 /CEA (installation and operation of meters) Regulations 2006 & amendments as applicable.

d) Comply with the directions, duties and obligations specified by the Central Electricity Regulatory Commission and Punjab State Electricity Regulatory Commission in this regard, from time to time.

e) Apply for revalidation or extension of validity of existing accreditation at least three months in advance prior to expiry of existing Accreditation.

f) Whenever there is a change in the legal status of the eligible entity (e.g. change from partnership to company etc. ), the eligible entity shall immediately intimate the State Agency and the Central Agency about the said change and apply afresh for Accreditation by the State Agency and Registration by the Central Agency. In all other cases involving a change in the name of the eligible entity, only the name of the entity shall be updated with the records of the State Agency and the Central Agency based on the intimation given by the eligible entity. In such cases eligible entity shall provide relevant documents in hard copy.

## **4.2. State Agency**

- a. Comply with the directions issued by the State Commission from time to time.
- b. To scrutinize and verify the documents and all other steps as may be necessary prior to the Accreditation of RE generation project. Prior to accreditation, the activities to be undertaken by State Agency shall include but not limited to following:
  - Verification of Application
  - Review of information submitted in the application by the generating company for its completeness and accuracy
  - Independent verification of the information submitted by the Applicant
  - Review of information available with regards to the similar renewable energy projects registered with the Central Agency, if necessary.
- c. Submit recommendation for registration or reasons of rejection
- d. Extension of validity of existing accreditation upon following due process.
- e. Revocation of accreditation, upon following due process for revocation

## **5. EVENT OF DEFAULT AND CONSEQUENCES THEREOF**

### **Event of Default**

Following events shall constitute event of default by Eligible Entity and shall lead to revocation of Accreditation granted by State Agency:

- 5.1. Non-payment or delay in payment of annual Accreditation charges by Eligible Entity beyond 15 days from due date of payment of such annual accreditation charges.
- 5.2. Non-compliance of any of the terms/conditions/rules outlined under this information/guidelines by Eligible Entity.
- 5.3. Non-compliance of any of the directives issued by State Agency, so long as such directives are not inconsistent with any of the provisions of CERC REC Regulations or PSERC RPO Regulations and in accordance with the Functions and within the Powers outlined for State Agency.

### **Consequences for Event of default:**

- 5.4. Occurrence of any of the event of default by Eligible Entity shall result into revocation of Accreditation granted to such Eligible Entity for that RE Generation Project.

5.5. However, the State Agency shall provide adequate notice and chance to Eligible Entity to present its case before serving the Notice for Termination of Accreditation, which shall not be for period lower than 14 days.

5.6. In case Eligible Entity fails to address/rectify the default expressed by the State Agency in the Notice within stipulated time period of 14 days, the State Agency shall proceed with revocation of Accreditation granted to such Eligible Entity.

5.7. Upon revocation of accreditation, the State Agency shall inform the same to Central Agency, Punjab State Load Dispatch Centre and SE/Sr XEN/DS of PSPCL of the area where the plant of the entity is located, within period of 7 days from date of such revocation.

5.8. If at any stage it is found that the eligible entity has obtained accreditation and registration on the basis of false information or by suppressing material information and the accreditation of such entity is revoked at a later date, the Certificates already issued to such entity but not redeemed shall stand revoked from the date of issue of such Certificates and in respect of Certificates already redeemed, such entity shall deposit the amount realized from sale of such Certificates along with the interest with the Central Agency at the rate of two (2) percent in excess of the applicable State Bank of India Base rate per annum.

**Note:** The above information/guidelines have been framed broadly in line with the model procedure/guidelines for accreditation of RE generation project approved by CERC vide its order No. L-1/12/2010-CERC dt. 09.11.2010 and to clarify provisions regarding metering requirements and documents to be submitted along with the application for accreditation. The provisions not covered in the above information/guidelines will be as per the CERC model procedure/guidelines for accreditation of RE Generation project for REC Mechanism by State Agency.



## FORMAT- 1.1

### Declaration

Declaration to be signed by the M.D./CEO/Authorized Signatory of the Applicant and to be Notarized. (Strike out whichever not applicable,)

I/We certify that all information furnished below is/are true to the best of my/our knowledge and belief.

I/We shall abide by such terms and conditions that the Central Electricity Regulatory Commission or Punjab State Electricity Regulatory Commission may impose to participate in the Renewable Energy Certificate Mechanism from time to time.

I/We hereby confirm the availability/ possession of land as per the details mentioned below,

- (1) Project Site (Physical Address of the Site)
- (2) Location (Town/Suburb)
- (3) Category of Land (Govt. Land/ Private Land)
- (4) Land Lease (Leased/ Owned)

I/We hereby also confirm that:

- i. I/ We have not entered in to any Power Purchase Agreement (PPA) and shall not enter into PPA to sell electricity generated from the proposed renewable energy generating station at preferential tariff determined by the Appropriate Commission for \_\_\_\_MW of the capacity for which participation in REC scheme is availed.
- ii. I/We shall immediately notify the State Agency if any power purchase agreement for sale of electricity at preferential tariff, as determined by the State Commission, is executed.
- iii. A period of three years / the period up to scheduled date of expiry of power purchase agreement (PPA) (in case of scheduled date of expiry of PPA is earlier than three years, the hard copy of said PPA is also to be submitted to State Agency), has been elapsed from the date of pre-mature termination of PPA i.e. \_\_\_\_dd/mm/yyyy\_\_\_\_(termination date) due to material breach of terms and conditions of said PPA by me/ us.

OR

- iv. I/ We have prematurely terminated our PPA with obligated entity on mutual consent/ due to material breach of terms and condition of said PPA by the obligated entity for which necessary documentary evidence are also submitted by me/us in hard copy to the State Agency.
- v. I/ We have not availed or do not propose to avail any benefit in the form of concessional/promotional transmission or wheeling charges and banking facility benefit.

OR

- vi. A period of three years has elapsed from the date of forgoing the benefits of concessional transmission or wheeling charges and banking facility benefit.

OR

- vii. The benefits of concessional transmission or wheeling charges and banking facility benefit have been withdrawn by the State Electricity Regulatory Commission and/or the State Government.

I/We hereby also confirm that the electricity generated from the proposed renewable energy generating station shall be sold either to the distribution licensee at a price not exceeding the pooled cost of power purchase of such distribution licensee or to any other trading licensee or to an open access consumer at a mutually agreed price, or through power exchange.

I/We have/proposed to set up the generating project for full/partial captive consumption of the co located load/load of the entity thro' open access/dedicated feeder.

I/We hereby further declare that presently the plant is not required to declare its availability to Punjab SLDC for scheduling purpose as per Punjab State Grid Code for the capacity bound under PPA. We will inform PEDDA as and when the plant is required to operate under scheduling mechanism.

Signature of the applicant  
(Seal of the Company)

Date:

Place:

(Strike out whichever not applicable)