

BEFORE THE HON'BLE JOINT ELECTRICITY REGULATORY
COMMISSION FOR GOA AND UNION TERRITORIES
UDYOG VIHAR, PHASE-V, GURGAON

FILING NO _____
CASE NO _____

IN THE MATTER OF:

Chandigarh Renewal Energy Science & Technology
Promotion Society (CREST)

1st Floor, Paryavaran Bhawan, Sector- 19, Chandigarh **PETITIONER**

AND

IN THE MATTER OF:

Electricity Department,
UT, Chandigarh

..... **RESPONDENT**

AND

contd.....

IN THE MATTER OF:

Petition for seeking determination of Preferential Tariff under Net Metering for Rooftop Solar Photovoltaic Power Projects of CREST and for sale of such power to the Electricity Department of UT Chandigarh under section 61, 62, 86 and 181 of the Electricity Act, 2003 and as per Joint Electricity Regulatory Commission for State of Goa & Union Territories (Procurement of Renewable Energy) Regulations 2010.

AFFIDAVIT

I, Santosh Kumar, Son of Shri Bishram Pd Singh, aged 43 years, Occupation : Indian Forest Service, residing at House No-200 of Sector-7, Chandigarh the deponent named above do hereby solemnly affirm and state on oath as under:-

1. That the deponent is the Chief Executive Officer (CEO) of Chandigarh Renewal Energy Science & Technology Promotion Society, Chandigarh & is acquainted with the facts deposed to below.
2. That ,this affidavit is being filled in continuation of our earlier affidavit dated 24/9/13 on the same subject matter as additional information/submission before Hon'ble JERC for sell of Electricity from 10 Rooftop SPV Projects of CREST.
3. I, the deponent named above do hereby verify that the contents of the paragraph Nos. 1. of the affidavit and those of the paragraph No. 1 to 7 of the accompanying petition are true to my personal knowledge and that of paragraph no. 8 is a prayer before this Hon'ble Commission. I verify that no part of this affidavit is false and nothing material has been concealed.

(Deponent)

Dated:

(Santosh Kumar)
Chief Executive Officer,
CREST

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1. The Project Details:

CREST is executing Rooftop SPV Projects on behalf of Dept of Science & Technology, UT Chandigarh with Central Financial assistance from MNRE, Govt. of India.

Following are the SPV Projects for which Prayer is being made to approve sell of Solar power to Chandigarh Electricity Department:

Rooftop SPV Projects with Evacuation on HT Side(11 KVA)

Sr No.	Project Name	Capacity of the project (KWp)	Status
1	Post Graduate College, Sector-46, Chandigarh	210	Commissioned, ready for acquisition on HT side(11 KV)
2	Govt. College for Girls, Sector-42, Chd	200	Commissioned, ready for acquisition on HT side(11 KV)
3	Govt. College for Men, Sec-11, Chd	435	Likely to be commissioned on HT side by 30 th Oct/13
4	Govt. College for Girls, Sec-11, Chd	495	Likely to be commissioned on HT side by 30 th Oct/13
5	IRB Complex, Sarangpur, chd	200	Likely to be commissioned on HT side by 31 st Dec/13
6	Punjab Eng College, Sec-12, chd	1000	Tendered & Likely to be commissioned on HT side by 31 st Mar/14

Rooftop SPV Projects with Evacuation on LT Side

Sr No.	Project Name	Capacity of the project (KWp)	Status
1	Model Central Burail Jail, Sec-45, chd	100	Commissioned on LT side
2	Paryavaran Bhawan, Sec-19, Chd	50	Commissioned on LT side
3	Govt. Model Sr.Sec.School, Sec-46, Chd	50	Commissioned on LT side
4	Govt. College of Commerce & Business Administration, Sector-42, Chandigarh	50	Commissioned on LT side

The Details of the Projects with evacuation on HT side and on LT side is placed as Annexure A-1 and A-2 respectively.

The Technical Specification, work order, Sanction from MNRE, GOI & SLD of all SPV Projects are enclosed as Annexure B.

It is proposed to sell electricity generated from above Solar Photovoltaic Power Plants to Chandigarh Electricity Department (DISCOM) upon terms & conditions set out under draft Power Purchase Agreement (PPA) placed at **Annexure VI** of earlier petition.

2. ROOF TOP RENTAL:

These SPV Projects are being installed on the roof top of Govt. buildings. These projects being Govt. Projects itself, so there is no roof rental involved. CREST is not paying any rental to any institutions for this project.

3. **DEBT – EQUITY:**

These Roof top based SPV Power Projects are funded by Government in the ratio of 30:70 or 50:50 i.e. for few projects, the funding from MNRE, Govt. of India is 50% and in few projects, the funding from MNRE, GOI is 30% of the project cost. The rest 70% or 50% as the case may be is being funded by Department of Science & Technology, UT Chandigarh. The detail of funding in terms of percentage wise is as per **Annexure A-3**.

4. **DEPRECIATION:**

Since all these Roof Top SPV projects are Govt. projects without any loan or debt, so the factor of “**Depreciation**” has not taken into account.

5. **MAINTENANCE EXPENSES:**

These roof top based SPV projects have been tendered and the work has been allotted to the successful bidder which includes installation of the SPV Power plants and its operation and maintenance for next ten years. The installer of these power plants is expected to operate and maintain the power plant for next ten years. After this, the operation and maintenance shall be carried out by CREST and its expenses have been listed against each SPV power plants as per **Annexure A-4 & A-5. The Total cost of each SPV projects have been enumerated there.**

6. **EXPECTED LIFE:**

It is expected that the life of the Roof top based power plants shall not be less than 30 years.

7. **ANNUAL GENERATION OF ELECTRICITY PER SITE:**

One of the condition in the tender document as well as in work order in respect of all these SPV power plants is; that the Solar Power Plant should be able to generate minimum electricity of 1300 units(kwhr) per annum per KWp. The details of Annual Generation per site is as per **Annexure A-3**.

8. Prayer:

Followings are prayed for:

1. In view of CERC, New Delhi's Order No. CERC-243/SM/2012 dated 25.10.2012, wherein generic levelized generation tariff for Solar PV for the FY 2013-14 has been fixed @ Rs.8.75 per unit (kwh), it is requested that Hon'ble JERC may also approve the same tariff for the sale of solar energy by CREST to Chandigarh Electricity Department for HT level as well as LT level for the Projects listed at Annexure A-3 for next 30 years.
2. It is further prayed that Hon'ble JERC may approve the draft Power Purchase Agreement as at Annexure 'VI' of earlier petition as a model PPA to be signed in future between CREST and Chandigarh Electricity Department for other Solar Photovoltaic Power Plant Projects also.

Deponent

