

**Application Format  
for**

**Grid Interactive Solar PV Power Generation Projects**

**Chhattisgarh Renewable Energy  
Development Agency (CREDA)  
VIP Road (Airport Road)  
Near Energy Education Park  
Raipur  
[www.creda.co.in](http://www.creda.co.in)**

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Grid Interactive Solar PV Power Generation Projects**

**A. GENERAL**

1.	Name and Mailing address of the registered office of the Company Telephone No. Fax No. Email: Web site:	
2.	Legal Status of the Company	
3.	Date of Incorporation	
4.	Present activity of the Company	
5.	Turnover of the Company	
6.	Profit / Loss during previous year	
7.	Number of Employees	
8.	Name, and address of the Chief Executive Telephone No. Fax No. Email:	
9.	Name & address of authorized contact person for the Project Telephone No. Fax No. Email:	

**B. EXPERIENCE IN RENEWABLE ENERGY SECTOR**

1.	Nature of business in RE (Manufacturing /System Integrator/ Marketing / Others)	
2.	Number of years in RE Business	
3.	Main RE products of the company	
4.	Indian / International Certification on RE products obtained by the Company	
5.	Turnover of the RE business of Company	
6.	Profit / Loss during previous three year, ITO where returns are filed	
7.	Number of Employees in RE	
8.	Details of RE business in India	
9.	Details of RE business in other countries	
10.	Details of previous Experience in PV business in India / Other Countries (Please provide information separately)	
11.	Number of projects proposed for grid PV power generation and the locations - India - Other countries	

### C. PROPOSED PROJECT

1.	Proposed Project Capacity in MWp	
2.	Project Location Address: Telephone: Fax: E-mail	
3.	a) Nature of the land Urban / Rural / Industrial / Agricultural b) Land Area Required / Obtained c) Owner of the Land as per the title of the land d) Whether the land has been purchased or on long term lease (Minimum of 20 years) or allotted by the State Government? e) Whether all legal clearances obtained for possession of land and its use for setting up a PV power plant? f) Actual date of possession of land g) Access to the site Railhead Road	
4.	DPR has been enclosed (Yes /No)	
5.	Source of technology (own/tie up from technology providers/others) Please specify & give details	
6.	Project Cost (Rs. in Lakhs)	
7.	Equity of the Project Developer / company	
8.	Source of Funding and Tie up of funds	
9.	Estimated annual generation from the Grid PV power plant (million kWh/year)	
10.	Estimated generation cost and proposed sale price (Rs. per kWh)	
11.	Estimated life of the plant	
12.	Name and address of the Utility	
13.	Name and address of contact person in Utility Telephone No. Fax No. Email:	
14.	Whether the SERC has announced the power purchase rate for Solar Power; and the rate if already announce (enclose copy of SERC order)	
15.	Details of Power Purchase rate agreed by the utility and period of PPA. Copy of PPA enclosed	
16.	Copy of PPA and proof of obtaining other legal and procedural clearances enclosed (Yes/No)	
17.	Place of evacuation of power	
18.	Whether permission obtained for evacuation of power? Please enclose support documents	

19.	Status of necessary legal and procedural clearances obtained for setting up of the Grid PV power plant at the proposed site (Please enclose separate copies for each approval obtained)	
20.	Time schedule for installation and commissioning of the Grid PV power plant	
21.	Manpower for the proposed Project (Direct, partial in man-days and indirect)	

If more than one legal entity proposes to set up the plant, company related information must be Provided for each legal entity.

## D. TECHNICAL DETAILS OF THE PROJECT

1.	<p>a) Meteorological parameters for the site (Full details and source to be provided in DPR)</p> <ul style="list-style-type: none"> <li>- Height above sea level</li> <li>- Solar radiation data</li> <li>- Temperature data</li> <li>- Wind data</li> </ul>	
2.	<p>PV Module Type (Please mention the technology used to make cells/modules)</p> <p>Whether Indian/International certification obtained for PV modules (Please enclose a copy of the recent certificate)</p>	
3.	<p>Technical details PV Module</p> <ul style="list-style-type: none"> <li>- Technical Specifications of PV modules as per data sheet</li> <li>- PV module power output at STC</li> <li>- Dimensions of a single module</li> <li>- Total no. of Module to be used</li> <li>- Total PV array capacity</li> <li>- Details of series/parallel combination</li> <li>- Out put of the PV array (s) to be connected to the PCU</li> </ul>	
4.	<p>Power Conditioning Unit</p> <ul style="list-style-type: none"> <li>- Technical Specifications (Enclose data sheet)</li> <li>- Rated capacity of the PCU</li> <li>- Input voltage range</li> <li>- Out put voltage &amp; frequency</li> <li>- Voltage &amp; frequency tolerance limit</li> <li>- Efficiency of the PCU</li> <li>- Number of units to be used</li> </ul> <p>Whether Indian/International certification obtained for PCU (Please enclose a copy of the recent certificate)</p>	
5.	<p>Details of mounting arrangements Proposed tilt angle Tracking arrangements, if any</p>	

6.	Estimated power losses at various stages and system design details	
7.	Details of the Monitoring and Data logging Instruments to be installed at the project site (Please give item wise details)	
8.	<p>Details for Power Evacuation Arrangements</p> <p>Voltage &amp; frequency of the grid to which PV power will be fed</p> <p>Distance of substation from the project site</p> <p>Capacity of substation</p> <p>Transformer rating</p> <p>Power factor at the bus</p>	
9.	Any other salient feature of the Grid connected PV power plant project	
10.	Whether the project will be implemented directly or through other agency, please provide details	

## **DECLARATION (TO BE SUBMITTED ON THE LETTER HEAD OF THE COMPANY)**

We, M/s ----- hereby agree and undertake to abide by the following:

- a) We have gone through the Guidelines announced by the Ministry and agree to terms and conditions of the Guidelines.
- b) We agree to fully meet the technical and performance requirements as given in the Guidelines.
- c) We agree that the Company will maintain and provide all technical information to the Ministry and CREDA or to any other agency authorized by them, including information on daily solar radiation availability, hours of sunshine, duration of plant operation and the quantum of power fed to the grid etc. The project developer will install suitable instruments, meters and data loggers for this purpose.
- d) We agree that the project will not avail accelerated depreciation under Section 32 of the Income Tax Act 1961, as amended from time to time.
- e) We agree that we will not use any other source of power generation along with Solar PV power project at the same project site for feeding power to the grid.
- f) We agree that we will allow representative from MNRE / CREDA and any independent organization authorized by MNRE / CREDA to inspect as well as to study performance of the plant from time to time
- g) We agree that the Ministry has a right to modify the guidelines at any time.
- h) We agree to abide the guideline / procedures announced by Ministry and CREDA.
- i) We agree to abide by the laws and other regulatory requirements announced by the local bodies, Central and State Government from time to time
- j) We agree to make timely payment of all fees, taxes and other charges to the local bodies/State and Central Government, as applicable for implementation of the project at the project site.
- k) We agree to complete the installation and commissioning of the grid interactive PV power project within the stipulated time frame, as intimated by the Ministry/CREDA.
- l) We agree to comply and fully meet all safety related requirements for setting up a grid interactive PV power plant and feeding power to the grid from the plant.
- m) We understand that the Ministry will give priority to projects which are submitted by the project developers for installation of Grid PV power projects in the states where the SERC has announced or notified the tariff for solar power.
- n) We are eligible and we have not been debarred for receiving any grant from the Central Government.

- o) We do not have any outstanding dues to be paid to CREDA for any other project taken up by any of our group companies.
- p) We agree to abide by any condition(s) as to be stipulated during approval of the project.

We enclose herewith the copies of the following documents, with our application:

1. Detailed Project Report
2. Solar PV tariff policy as announced by the State Electricity Regulatory Commission
3. PPA Agreement with the Utility.
4. Title of the land in favor of the company / lease agreement
5. Clearance / no objection certificates from local/state/central bodies required for acquiring land and setting up the power project at that site  
(Please mention and enclose item wise information for each clearance obtained)
6. Certificates for compliance to various quality / performance related standards  
(Please mention and enclose separate copies for each certificate)
7. Documentary proof of other information furnished in the application for fulfillment of guidelines
8. Month wise project implementation schedule
9. Other documents (as considered necessary by the applicant)

The above information as submitted by us is true to the best of our knowledge. In case any information given by us in this application or attached documents is found to be false we understand that the Ministry may not consider our proposal for generation based incentive and debar us from consideration of incentive for any other project for which we are an applicant.

(Authorized Signatory)  
Designation & Seal  
Tel No.  
Fax No.  
E-mail

Date & Place



Three copies each of the complete application duly filled along with all enclosures, Non-Refundable processing fee @ Rs.25000=00 + 18 % GST per MWp (DD in Favor of Director CREDA) and a copy of the DPR for the proposed project may be submitted to the following:

Director  
Chhattisgarh Renewable Energy Development Agency (CREDA)  
VIP Road (Airport Road)  
Near Energy Education Park  
Raipur