

In pursuance of the provisions of Clause (3) of Article 348 of the Constitution of India, the Governor is pleased to order the publication of the following English translation of notification no. 1044/1/2013-5/14/2009, dated June 27, 2013 for general information :

No. 1044/1/2013-5/14/2009  
Dated Dehradun, June 27, 2013

NOTIFICATION

Solar Energy Policy of Uttarakhand - 2013

Energy is a vital input for the progress of any country and for its economic and social development. It is one of the basic needs and a means to increase productivity, enhance employment opportunities and improve the quality of life of the people.

India is facing an acute energy scarcity which is hampering its industrial growth and economic progress. Setting up of new power plants is inevitably dependent on import of highly volatile fossil fuels. Thus, it is essential to tackle the energy crisis through judicious utilization of abundant renewable energy resources, such as solar energy and wind energy. Apart from augmenting the energy supply, renewable resources will help India in mitigating climate change. India is heavily dependent on fossil fuels for its energy needs. Most of the power generation is carried out by coal which contributes heavily to greenhouse gases emission.

India's need to increase energy provision for its population and fast growing economy poses a formidable challenge which is perceived as both a great opportunity as well as a necessity for the country to increase the share of renewable in the overall energy mix. At the same time there is a need to provide energy access to rural areas and reduce import dependence on fossil fuels. India's approach is to meet its energy needs in a responsible, sustainable and eco-friendly manner.

India is endowed with rich solar energy resource. Solar energy has vast potential with more than 300 sunny days and an average solar radiation ranging from 4-7 Kwh/m<sup>2</sup> in India. The total Solar Power generation capacity has increased tremendously recently with lots of players setting up solar power Plants. Solar Energy is still in nascent stage in India.

Uttarakhand is richly endowed with natural renewable resources for generating electricity. Uttarakhand has multiple micro-climatic zones. The hilly areas are close to 'cold and sunny' and 'cold and cloudy' climatic zones, while some locations like Dehradun lie under semi-moderate climate. In addition, the plains of the state like Haridwar, Roorkee, Kashipur and Rudrapur lies in the composite climatic zone. The entire state receives good amount of solar insolation, about 4.5-5.5 kWh/m<sup>2</sup>. The Government of Uttarakhand wants to promote the harnessing of solar energy in the state.

The Policy Endeavour's to create an enabling environment to attract public & private investments in generation of solar energy based projects. The Uttarakhand Solar Energy Policy – 2013 aims to provide a comprehensive policy for promotion of solar energy in the state of Uttarakhand.

**Objectives of the Policy**

The Uttarakhand Government introduces the Solar Policy – 2013 with the following objectives:

- (a) Promoting green and clean power using solar energy to reduce the dependence on conventional source of energy like coal, gas and oil.
- (b) Aims to target to set up 500 MW of solar power plants by the year 2017.
- (c) To create direct and indirect employment opportunities in the State.
- (d) To create conditions conducive to the involvement of investors in RE projects.
- (e) To enhance the use of solar energy source that assist in mitigating environmental pollution.

**RESOLUTION**

**1. Title**

The policy short title shall be "Uttarakhand Solar Power Policy 2013".

**2. Operational Period**

This policy will come into effect from date of issuance. However, if required, necessary modifications may be made by Government of Uttarakhand.

**3. Applicability**

This policy shall be applicable to all Solar Photovoltaic and Solar Thermal Power Projects.

**4. Nodal Agency**

The Uttarakhand Renewable Energy Development Agency (UREDA) shall be the nodal agency and the Govt. of Uttarakhand shall act as facilitator for implementation of "Uttarakhand Solar Power Policy – 2013".

**5. Capacity Cap**

The minimum capacity allocation to each Solar Power developer will be 100 KW and the maximum capacity allocation will be 50 MW. However there shall not be any maximum capacity cap for project allocation to Central and State Govt. Corporations.

**6. Type of Solar Projects under the Policy**

Type I	:	Projects selected as per the competitive bidding process for selling power to Uttarakhand DISCOM for meeting their RPO Obligation as specified by UERC from time to time.
Type II	:	Projects set up on private land for captive use or sale of power to 3 <sup>rd</sup> party within or outside the state or project setup on private land under Renewable Energy Certificate (REC) Mode.

Type III	Projects set up on Government land for captive use or sale of power to 3 <sup>rd</sup> party within or outside the state or project setup on Government land under Renewable Energy Certificate (REC) Mode.
Type IV	: Solar Power Projects established under Jawaharlal Nehru National Solar Mission Programme of MNRE, Govt. of India.

#### 7. Eligible Units

All registered companies, firms, institutions, societies, central and state govt. power generation companies and public/private sector solar power project developers shall be eligible for setting up of Solar Power Project under this policy.

#### 8. Selection of Solar Power Developers

(a) **Type I Projects:** Government of Uttarakhand (GoUK) will promote setting up of Solar Power Projects for direct sale of electricity to DISCOM of Uttarakhand (UPCL). The total capacity of project under this category will be as per the RPO target specified by UERC from time to time or as decided by GoUK.

GoUK/UREDA shall invite proposals from time to time for selection of Solar Power projects through tariff based competitive bidding process. There shall be a set of qualification criteria fixed by GoUK/UREDA for the prospective Developers of Solar projects. Only project capacities to be installed in the state of Uttarakhand shall be eligible for incentives under this Policy.

(b) **Type II Projects:**

Under this type, any prospective developer can establish solar power projects (Solar PV/Solar Thermal) on Private land. GoUK/UREDA shall invite proposals from the prospective developers who want to setup Solar Power project on private land in the state of Uttarakhand. Prospective developers shall submit their proposals with all the required informations/documents as per the application form available in **Annexure-I**.

Under this type, solar power projects to be installed in the state of Uttarakhand shall be eligible for incentives.

(c) **Type III Projects:**

Under this type, GoUK/UREDA shall invite proposals from the prospective developers who want to setup Solar Power project on Government land (if available) in the state of Uttarakhand on the prescribed format as per **Annexure-II (A)** and **Annexure-II (B)**. Separate offer would be invited by GoUK/UREDA for identified government land

The prospective developer shall submit their proposals in two separate envelopes containing all the required documents/informations as per annexure-II (A) in first envelope and its offer for providing maximum free energy (in MUs) per MW as per the form available in Annexure-II (B) in second envelope.

The sealed envelope containing application form with all the required documents/informations as per annexure-II (A) shall be marked as "Application form for submitting proposals for Type-III projects under Uttarakhand Solar Power Policy, 2013" and the second sealed envelope containing the offer for providing maximum free energy (in MUs) per MW shall be marked as "Offer for the maximum free energy (in MUs) per MW for Type III projects under Uttarakhand Solar Power Policy, 2013".

The second envelope of only those developers shall be open whose applications are shortlisted by Technical Appraisal Committee (TAC)

The application of the prospective developer shall not be accepted if it submits the application form as per annexure-II (A) and its offer for providing maximum free energy per MW as per annexure-II (B) together in a same envelope.

**Allotment of Government land to the successful bidder:**

- (a) GoUK/UREDA in accordance with the existing land revenue rules/law of Uttarakhand (which may be amended from time to time) shall identify the govt. land owned by Revenue Department, Gram Panchayat, Village Panchayat, Van Panchayat or any other State Government Department. The GoUK shall take possession of the land and subsequently give permission for use of land on lease to the successful Developer.
- (b) The Government land (if available) shall be provided to the project developer on long term lease for 30 years as per the applicable land revenue rules/law of Uttarakhand for the installation of Solar Power Project.
- (c) The permission for utilization of Government land (if available) will be done as per the provision of Uttarakhand Land Revenue Rules/Laws.
- (d) Only such selected projects shall be eligible for incentives under this Policy.
- (e) In case the government land is found to be used for purposes other than related to the project, the lease permission will be cancelled with immediate effect. The construction carried out by the Developer and equipments on such land will be seized and vested in the GoUK.
- (f) After completion of lease period the land along with all equipments, evacuation arrangements and all other facilities shall be vested in the State government. However the amount equivalent to book value of the infrastructure shall be paid to the concerned developer by the GoUK/UREDA

**d) Type IV Projects:**

GoUK/UREDA shall invites proposal from the prospective developers as per the Guidelines issued by Ministry of New and Renewable Energy, Govt of India under JNNSM and as amended time to time.

**9. Land Requirement**

(a) For setting up Solar Power Plant (Solar PV or Solar Thermal) on different technology, maximum land use permission for Govt. land, if available, to the Solar Power Developer shall be 2.5 Hectare per MW.

**(b) Identification of Private Land**

- (I) Developer may identify any suitable land for their project within the state of Uttarakhand.
- (II) If the developer purchase private land for the project, than they will be eligible for an exemption of 50% on stamp duty and if they do not install the solar project on this land within the stipulated time period, then the given exemption will be withdrawn and recovery will be made as per the procedure.
- (III) In case Developer is using the agriculture land for establishing Solar power plant under this policy then he would be exempted from paying any conversion rate (if any).
- (IV) In case the land is found to be used for purposes other than related to the project, the land use permission will be cancelled with immediate effect. The construction carried out by the Developer and equipments on such land will be seized and be treated as vested in the GoUK.
- (V) All the statutory clearances/approvals shall be obtained by the developer of the solar power plant.

It is further stated that the purchase of land by the private developer would be in accordance with the existing land revenue rules/law of Uttarakhand (which may be amended from time to time).

**10. Use of fossil fuels**

No fossil fuel viz: coal, gas, lignite, naphtha, diesel, wood etc shall be allowed to be used in grid connected solar thermal power projects.

**11. Tariff****(a) Type I Projects:**

For the projects allotted under tariff based competitive bidding route for sale of power to DISCOM of Uttarakhand, the Power Purchase Agreement will be executed between DISCOM of Uttarakhand and successful bidders as per the tariff arrived by the process of tariff-based bidding. However the rates shall not be more than the rates specified by the UERC.

**(b) Type II Projects and Type III Projects:**

In case of third party sale within or outside the state or for captive use, the Power Purchase Agreement will be executed between the Power Producer and the Procurer on mutually agreed rates.

In case of solar power projects established under REC mechanism, the Power Purchase Agreement as required, will be executed between solar power producers and the Procurer as per the Regulations/Orders of CERC and/or UERC issued from time to time in this regard.

A separate Agreement will be executed for banking of power with DISCOM of Uttarakhand for such banking. The wheeling agreement with Power Transmission Corporation of Uttarakhand Ltd (PTCUL)/ DISCOM of Uttarakhand / or with other grid or network as appropriate will be executed separately.

**(c) Type IV Projects:**

For projects under JNNSM, the Power Purchase Agreement will be executed between the solar power producer and the Procurer as per Guidelines of MNRE, Govt of India under JNNSM.

**12. Wheeling Charges**

The wheeling charges shall be applicable as decided by UERC from time to time.

**13. Open Access**

If Open Access is granted to any developer or beneficiary they shall have to pay the applicable Open Access charges and losses as approved by UERC from time to time. However, the Cross Subsidy Surcharge shall not be applicable for Open Access obtained for third party sale within the state.

**14. Third Party Sale**

Third party sale will be eligible as per Electricity Act 2003 and orders by the UERC, from time to time, for which purchase rate can be mutually decided between generating station and consumer unit.

**15. Time Schedule**

The following is the time schedule for completing solar projects under this policy:

(a) **For Solar PV:** 18 months from the date of Project Allotment.

(b) **For Solar Thermal:** 30 months from the date of Project Allotment.

**16. Procedure for Allotment of Project:-**

- I. For each type of projects, GoUK/UREDA shall invite proposals from interested developers through advertisement in News Papers in accordance with the Procurement Rules of the Govt. of Uttarakhand from time to time.

The developers interested in Type-II projects will submit the application to GoUK/UREDA in the prescribed Performa's appended with the Policy at **Annexure-I** and

the developers interested in Type-III projects will submit the application to GoUK/UREDA in the prescribed Performa's appended with the Policy at **Annexure-II (A)** and **Annexure-II (B)**.

The following documents, as applicable will be required for both Type-II projects and Type-III projects:-

- i. A certified copy of the Memorandum & Article of Association of the Company.
- ii. Certified copy of the registration certificate.
- iii. Certified copy of the partnership deed (if applicable).
- iv. Certified copy of the Authority conferring powers on the person(s) who are competent to execute the MOU/the agreement with Go UK/UREDA/DISCOM of Uttarakhand
- v. Solar Data Assessment Report for the site where the plant is to be developed.
- vi. Detailed Project Report (in two hard copies and one soft copy). The Detailed Project Report should include location of land, technology proposed, financing arrangement, arrangement of power evacuation system and availability of water (in case of Solar Thermal Power Plant).
- vii. Demand Draft for processing fees (non-refundable) @ Rs. 25,000 per MW and part thereof in favor of Director, UREDA payable at Dehradun.
- viii. Annual Report of the Company for last three years.
- ix. Certificate from the Chartered Account showing the "Net Worth" of the Company.
- x. Tie-up/ collaborations/supply letter with the copy of agreements of solar power developer with technology/ equipment suppliers.
- xi. Documentary regarding evidence for technical ability of the company/Consortium to ensure and meet the schedule for project completion and commencement of the power supply along with its undertaking on company letter head.
- xii. Undertaking for PV modules/inverter systems to be deployed are compliant with applicable latest IEC standards and compliant with applicable standards as specified by Central Electricity Authority.
- xiii. Undertaking for meeting technical requirements specified by MNRE for Grid Solar Power Plant.
- xiv. In case the applicant wants to get benefits under clause 27. (ii) of this Solar Energy Policy, he shall have to file Entrepreneurs Memorandum Part-I/ Industrial Entrepreneurs Memorandum Part-A, in concerned District Industry Centre/Ministry of Commerce & Industry, Department of Industrial Policy & Promotion, Secretariat

of Industrial Assistance, Govt. of India for setting up solar energy project and a copy of its acknowledgement shall have to be enclosed with the proposal.

- II. The proposals received within stipulated time frame from the prospective developers under each type of projects shall be scrutinize and shortlisted by the Technical Appraisal Committee (TAC) formulated by GoUK/UREDA based on the prescribed financial and technical qualification criteria as per **Annexure-III**.
- III. The list of shortlisted prospective developers under each type of projects shall be published on the website of GoUK/UREDA.
- IV. The allotment of the project to the prospective bidders shall be done by the Project Approval Committee (PAC) as per following:-
  - i. **Under type-I project:** The project will be allotted though tariff based competitive bidding amongst the shortlisted prospective developers.
  - ii. **Under type-II project:**  
The project will be allotted to the shortlisted prospective developers.
  - iii. **Under type-III project:**  
The project will be allotted to the shortlisted prospective developers who provide maximum free energy (in MUs) per MW.
  - iv. **Under type-IV project:**  
The allotment of the project shall be done as per the guidelines/orders/regulations issued by Ministry of New and Renewable Energy, Govt. of India under JNNSM and as amended time to time.

#### 17. Security Deposit

After the approval from PAC, UREDA will issue letter of award to the successful developer for security deposit to UREDA. The amount of security shall be as per the following:

- i. **The Project installed on Govt. land:** The successful developer shall be required to deposit Bank Guarantee @ Rs 10 Lakhs per MW or part thereof to UREDA as security. The Validity of Bank Guarantee shall be 24 months for Solar PV Projects and 36 months in case of Solar Thermal Projects.
- ii. **The Project installed on Private land:** The successful developer shall be required to deposit Bank Guarantee @ Rs 5 Lakhs per MW or part thereof to UREDA as security. The Validity of Bank Guarantee shall be 24 months for Solar PV Projects and 36 months in case of Solar Thermal Projects.
- iii. After receiving Bank Guarantee from the successful developer, project allotment letter shall be issued by UREDA to the successful bidder alongwith permission of use of identified land in case the project is proposed on Govt. land.



In case successful developer fails to achieve commercial operation within time period mentioned in Para 15 this policy, the allotment of project will be cancelled and deposited security amount shall be forfeited. However the Bank Guarantee shall be refunded, if successful developer achieves commercial operation within time period mentioned in the policy.

#### **18. Technical Appraisal Committee:**

The Technical Appraisal Committee (TAC) will consist of following members:-

- (1) Under Secretary/Deputy Secretary Renewable Energy, Govt of Uttarakhand.
- (2) Under Secretary/Deputy Secretary Finance Dept. Govt of Uttarakhand.
- (3) Chief Project Officer, UREDA
- (4) GM/DGM (Commercial), UPCL
- (5) GM/DGM (Project), PTCUL
- (6) Electrical Inspector, Govt. of Uttarakhand
- (7) Dy. Chief Project Officer (Solar), UREDA.

#### **19. Project Approval Committee:**

The Project Approval Committee (PAC) will consist of following members:-

- (1) Principal Secretary/Secretary, Energy/Renewable Energy, GoUK (Chairman).
- (2) Principal Secretary/Secretary/Additional Secretary, Industrial Department, GoUK (Member).
- (3) Principal Secretary/Secretary/Additional Secretary, Revenue Department, GoUK (Member).
- (4) Principal Secretary/Secretary/Additional Secretary, Finance Department, GoUK (Member).
- (5) Director, Uttarakhand Renewable Energy Development Agency, (Member- Secretary).
- (6) MD, Uttarakhand Power Corporation Limited, (Member).
- (7) MD, Power Transmission Corporation of Uttarakhand Limited, (Member)
- (8) Principal Chief Conservator of Forest, Uttarakhand (Member).
- (9) District Collector of concerned District- Special Invitee.

#### **20. Plant and Machinery**

Only new Plant & Machinery shall be eligible for installation under this policy.

#### **21. Metering of Electricity**

Metering arrangement shall be made as per Central Electricity Authority (Installation & Operation of Meters) Regulations, 2006, the Grid Code, the metering Code and other relevant regulations issued by UERC/CERC in this regard.

#### **22. Power Evacuation and Grid Interfacing Facility**

Power evacuation and grid interfacing arrangement will be as per the regulation/procedures defined by CERC or UERC and as amended time to time.

**23. Reactive Power Charges**

The drawl of reactive power shall be charged as per the UERC order, as amended from time to time.

**24. Solar Purchase Obligation**

DISCOMS or open access consumers or captive consumers are liable to meet solar purchase obligations as specified by UERC as may be amended time to time.

**25. Non compliance of Solar Power Purchase Obligation**

DISCOMS or open access consumers or captive consumers failing to meet the minimum solar power purchase obligation specified by UERC as may be amended time to time, are liable to pay a penalty at a rate of forbearance price of Renewable energy certificate during that financial year or as decided by UERC from time to time.

**26. Clean Development Mechanism**

The project developer shall pass on the benefits of Clean Development Mechanism as per the directions provided by CERC/UERC from time to time.

**27. Other Facilities**

- I- All Solar energy equipments, components, application products and items related to the solar equipments will be exempted from entry tax and VAT.
- II- If any, financial/infrastructural support is provided by Govt. of India for pollution free green technologies under National Manufacturing Policy, the benefits of this support shall also be admissible for the projects setup under Solar Energy Policy.

**28. Power to remove Difficulties**

If any difficulty arises in giving effect to this policy, Renewable Energy Department, GoUK is authorized to issue clarification as well as interpretation to such provisions, as may appear to be necessary for removing the difficulty either on its own motion or after hearing those parties who have represented for change in any provision.

**APPLICATION FORM FOR SUBMITTING PROPOSALS**  
**FOR TYPE-II PROJECTS**  
**UNDER UTTARAKHAND SOLAR POWER POLICY, 2013**

Application for setting up of ..... (Title of the Project with capacity in KW/MW) on .....(full address of the private land) for..... (Captive Use or Sale of Power to 3<sup>rd</sup> party within the state or Sale of power to other states through open access or project setup under REC Mode).

**I. COMPANY DETAILS**

- 1 Name of the applicant / organization :
- 2 State whether the applicant /organization is a
  - (a) Company registered under Indian Companies Act 1956; :
  - (b) Co-operative Society; :
  - (c) Any other corporate entity. :
- 3 Address:
  - i. Office
    - (a) Telephone No. :
    - (b) Fax No. :
    - (c) Email Address :
  - ii. Name and Address of the authorized person
    - (a) Name :
    - (b) Address :
    - (c) Telephone No. :
    - (d) Fax No. :
    - (e) Email Address :
- 4 In case of any other corporate entity, give details of partners / directors/ owners :
- 5 Whether income tax assessee. If yes, please state the year up to which assessment made (copies of assessment for last three years to be enclosed) :
- 6 If answer to 5 is No, state whether the promoter is an assessee. :
- 7 Income tax permanent A/c. No. :

- 8 Present activity/business carried on by the applicant/ organization.
- 9 Give details of the turn over of the organization in last three years (copies of the profit and loss account and Balance Sheet / Annual Report to be enclosed).
- 10 Do you propose to set up the plant in the name of existing company or SPV or propose some sister concern.

## II. PROPOSED POWER PROJECT

- 1
  - (a) Proposed Gross Capacity (MW)
  - (b) Auxiliary Consumption (MW)
  - (c) Net Capacity (MW)
  - (d) Plant Load Factor (PLF) %
  - (e) Net expected power generation per annum : .....lacs kWh
- 2
  - (a) Location of proposed site with details
  - (b) Land details of the power plant site
    - i. Name of village
    - ii. Khasra Nos.
    - iii. Area of land from each Khasra No.
    - iv. Land map with clear markings of land required for the project
    - v. Name of the owner of Pvt. Land
    - vi. Type of land (agriculture or other)
- 3 Nearest Railway Station
- 4 Name of the manufacturer with address for supply, installation and commissioning of the power generation system, if identified.
- 5 Financing Arrangement
  - (a) Own funds (promoters)
  - (b) Financial Institution /Commercial Banks
  - (c) Equity
  - (d) Others
- 6 Time frame and pert chart for major activities.
  - i. Acquisition of land
  - ii. Signing of PPA
  - iii. Expected financial closure
  - iv. Date of commissioning / synchronization
  - v. Proposed Commercial Operation Date (COD)
- 7 Power Plant proposed to be set up for/under
  - (a) Captive use
  - (b) Sale of Power to third party within the state
  - (c) Sale of Power to third party outside the state

- (d) Renewable Energy Certificate (REC) mode  
(if yes, then to whom the generating  
electricity from the proposed project shall  
be sold and at what rate)

### III. ELECTRICAL DETAILS

1. Transmission of Power & Evacuation :  
plan/interconnection facility for the  
proposed plan
2. Interfacing scheme proposed :
3. For captive power plant
  - i. Present consumption of Electricity
    - a) From DISCOM of Uttarakhand :
    - b) Captive Generation :
  - ii. Connected load of the company :
  - iii. HT/LT consumer :
  - iv. Nearest Sub-station of DISCOM and distance :  
from the proposed power plant
  - v. Voltage ratio of the DISCOM Sub-station :

### IV. FINANCIAL DETAILS

1. Estimated cost of the project proposed :
2. Cost of power generation per unit (Please enclose : ..... Rs./kWh  
Cash Flow Chart also)
3. How do you propose to raise the required finance :  
for the project
  - a) Equity share capital :
  - b) Promoters contribution :
  - c) Term Loans :
4. Do you envisage any foreign collaboration, if so  
please furnish the details
5. Details of the application/processing fee remitted
  - (a) Amount Rs. :
  - (b) Demand Draft/Cheque No. :
  - (c) Date :
  - (d) Banker's Name and Address :
6. Can you get / access bilateral grants/concessional :  
loans from any agency/FI to provide soft loan for  
your project (if yes, give details of the agency and  
preliminary terms and conditions)

### V. ANY OTHER RELEVANT INFORMATION

### VI. DECLARATION

- i. I/We certify that all information furnished is true to the best of my/our  
knowledge.

- ii. I/We agree that GoUK/UREDA is the final authority to allot us the project.
- iii. I/We shall not have any dispute with GoUK/UREDA for non-allotment of the project.
- iv. I/We agree to sign necessary agreement with GoUK/ UREDA/DISCOM.
- v. I/We agree to comply with the terms and conditions of Uttarakhand Solar Power Policy, 2013

Signature of the authorized  
Signatory of the Organisation with Seal

Place:

Date:

**VII. DOCUMENTS TO BE ENCLOSED (as applicable):-**

- i. A certified copy of the Memorandum & Article of Association of the Company
- ii. Certified copy of the registration certificate.
- iii. Certified copy of the partnership deed.
- iv. Certified copy of the Authority conferring powers on the person(s) who are competent to execute the MOU/the agreement with GoUK/UREDA/DISCOM of Uttarakhand.
- v. Solar Data Assessment Report.
- vi. Detailed Project Report
- vii. Processing fee in the form of D.D. No. .... Dated ..... in favour of Director, UREDA payable at Dehradun for Rs.....
- viii. Annual Audited accounts of the Company for last three years and for the current year un-audited, if available.
- ix. Certificate from the Chartered Account showing the "Net Worth" of the Company.
- x. Tie-up/ collaborations/supply letter with the copy of agreements of solar power developer with technology/ equipment suppliers.
- xi. Documentary regarding evidence for technical ability of the company/Consortium to ensure and meet the schedule for project completion and commencement of the power supply along with its undertaking on company letter head.
- xii. Undertaking for PV modules/inverter systems to be deployed are compliant with applicable latest IEC standards and compliant with applicable standards as specified by Central Electricity Authority.
- xiii. Undertaking for meeting technical requirements specified by MNRE for Grid Solar Power Plant.

**APPLICATION FORM FOR SUBMITTING PROPOSALS**  
**FOR TYPE-III PROJECTS**  
**UNDER UTTARAKHAND SOLAR POWER POLICY, 2013**

Application for setting up of ..... (Title of the Project with capacity in KW/MW) on..... (full address of the govt. land) for..... (Captive Use or Sale of Power to 3<sup>rd</sup> party within the state or Sale of power to other states through open access or project setup under REC Mode).

**I. COMPANY DETAILS**

- 1 Name of the applicant / organization :
- 2 State whether the applicant /organization is a
  - (a) Company registered under Indian Companies Act 1956; :
  - (b) Co-operative Society; :
  - (c) Any other corporate entity. :
- 3 Address:
  - iii. Office :
  - (a) Telephone No. :
  - (b) Fax No. :
  - (c) Email Address :
- iv. Name and Address of the authorized person
  - (a) Name :
  - (b) Address :
  - (c) Telephone No. :
  - (d) Fax No. :
  - (e) Email Address :
- 4 In case of any other corporate entity, give details of partners / directors/ owners :
- 5 Whether income tax assessee. If yes, please state the year up to which assessment made (copies of assessment for last three years to be enclosed) :
- 6 If answer to 5 is No, state whether the promoter is an assessee. :
- 7 Income tax permanent A/c. No. :

- 8 Present activity/business carried on by the :  
applicant/ organization.
- 9 Give details of the turnover of the organization in :  
last three years (copies of the profit and loss  
account and Balance Sheet / Annual Report to be  
enclosed).
- 10 Do you propose to set up the plant in the name of :  
existing company or SPV or propose some sister  
concern.

## II. PROPOSED POWER PROJECT

- 1 (a) Proposed Gross Capacity (MW) :  
(b) Auxiliary Consumption (MW) :  
(c) Net Capacity (MW) :  
(d) Plant Load Factor (PLF) % :  
(e) Net expected power generation per annum : .....lacs kWh
- 2 (a) Location of proposed site with details :  
(b) Land details of the power plant site :  
i. Name of village :  
ii. Khasra Nos. :  
iii. Area of land from each Khasra No. :  
iv. Land map with clear markings of land :  
required for the project
- 3 Nearest Railway Station :
- 4 Name of the manufacturer with address for supply, :  
installation and commissioning of the power  
generation system, if identified.
- 5 Financing Arrangement :  
(a) Own funds (promoters) :  
(b) Financial Institution /Commercial Banks :  
(c) Equity :  
(d) Others :
- 6 Time frame and pert chart for major activities. :  
i. Acquisition of land :  
ii. Signing of PPA :  
iii. Expected financial closure :  
iv. Date of commissioning / synchronization :  
v. Proposed Commercial Operation Date (COD) :
- 7 Power Plant proposed to be set up for/under :  
(a) Captive use :  
(b) Sale of Power to third party within the state :  
(c) Sale of Power to third party outside the state :  
(d) Renewable Energy Certificate (REC) mode :  
(if yes, then to whom the generating :  
electricity from the proposed project shall be  
sold and at what rate)



**III. ELECTRICAL DETAILS**

1. Transmission of Power & Evacuation :  
plan/interconnection facility for the  
proposed plan
2. Interfacing scheme proposed :
3. For captive power plant
  - i. Present consumption of Electricity
    - a) From DISCOM of Uttarakhand
    - b) Captive Generation
  - ii. Connected load of the company
  - iii. HT/LT consumer
  - iv. Nearest Sub-station of DISCOM and distance  
from the proposed power plant
  - v. Voltage ratio of the DISCOM Sub-station

**IV. FINANCIAL DETAILS**

1. Estimated cost of the project proposed :
2. Cost of power generation per unit (Please enclose  
Cash Flow Chart also) : ..... Rs./kWh
3. How do you propose to raise the required finance :  
for the project
  - (a) Equity share capital
  - (b) Promoters contribution
  - (c) Term Loans
4. Do you envisage any foreign collaboration, if so  
please furnish the details
5. Details of the application/processing fee remitted
  - (a) Amount Rs.
  - (b) Demand Draft/Cheque No.
  - (c) Date
  - (d) Banker's Name and Address
6. Can you get / access bilateral grants/concessional  
loans from any agency/FI to provide soft loan for  
your project (if yes, give details of the agency and  
preliminary terms and conditions)

**V. ANY OTHER RELEVANT INFORMATION****VI. DECLARATION**

- i. I/We certify that all information furnished is true to the best of my/our  
knowledge.
- ii. I/We agree that GoUK/UREDA is the final authority to allot us the project.
- iii. I/We shall not have any dispute with GoUK/UREDA for non-allotment of  
the project.

- iv. I/We agree to sign necessary agreement with GoUK/ UREDA/DISCOM.
- v. I/We agree to comply with the terms and conditions of Uttarakhand Solar Power Policy, 2013

Signature of the authorized  
Signatory of the Organisation with Seal

Place:

Date:

**VII. DOCUMENTS TO BE ENCLOSED (as applicable):-**

- i. A certified copy of the Memorandum & Article of Association of the Company
- ii. Certified copy of the registration certificate.
- iii. Certified copy of the partnership deed.
- iv. Certified copy of the Authority conferring powers on the person(s) who are competent to execute the MOU/the agreement with GoUK/UREDA/DISCOM of Uttarakhand.
- v. Solar Data Assessment Report.
- vi. Detailed Project Report
- vii. Processing fee in the form of D.D. No. .... Dated ..... in favour of Director, UREDA payable at Dehradun for Rs.....
- viii. Annual Audited accounts of the Company for last three years and for the current year un-audited, if available.
- ix. Certificate from the Chartered Account showing the "Net Worth" of the Company.
- x. Tie-up/ collaborations/supply letter with the copy of agreements of solar power developer with technology/ equipment suppliers.
- xi. Documentary regarding evidence for technical ability of the company/Consortium to ensure and meet the schedule for project completion and commencement of the power supply along with its undertaking on company letter head.
- xii. Undertaking for PV modules/inverter systems to be deployed are compliant with applicable latest IEC standards and compliant with applicable standards as specified by Central Electricity Authority.
- xiii. Undertaking for meeting technical requirements specified by MNRE for Grid Solar Power Plant.

**OFFER FOR THE MAXIMUM FREE ENERGY PER MW**  
*(To be filled by the shortlisted prospective developers)*  
**FOR TYPE-III PROJECTS**  
**PROPOSED ON GOVT. LAND**  
**UNDER UTTARAKHAND SOLAR POWER POLICY, 2013**

Location of the Govt. Land and its Area where Solar Power Project is Proposed to be Installed .....

**I. COMPANY DETAILS**

1. Name of the applicant / organization :
2. Address:
  - i. **Office**
    - (a) Telephone No. :
    - (b) Fax No. :
    - (c) Email Address :
  - ii. **Name and Address of the authorized person**
    - (a) Name :
    - (b) Address :
    - (c) Telephone No. :
    - (d) Fax No. :
    - (e) Email Address :

**II. DETAILS OF THE GOVERNMENT LAND WHERE SOLAR POWER PROJECT IS PROPOSED TO BE INSTALLED**

1. Govt. Land details of the Solar Power Project Site (shall be provided by UREDA at the time of availability)
  - (a) Name of the village :
  - (b) Khasra Nos. :
  - (c) Area of Land from each khasra No. :
2. Total area of the Land (shall be provided by UREDA at the time of availability) :

**III. PROPOSED SOLAR POWER PROJECT ON THE GOVT. LAND**

- (a) Proposed Gross Capacity (MW) :  
 (b) Auxiliary Consumption (MW) :  
 (c) Net Capacity (MW) :  
 (d) Plant Load Factor (PLF) % :  
 (e) Net expected power generation per annum : .....Lacs Kwh

**IV. Free energy offered by ..... (Name of the developer)**

Free energy offered per MW per annum : ..... Lacs Kwh/MW

Signature of the authorized  
 Signatory of the Organisation with Seal

Place:  
 Date:

**Annexure-III**

**The Developer desirous to set up Solar Power Plant in State of Uttarakhand must fulfill the following minimum financial criteria and technical criteria.**

**A-Financial Qualification Criteria for Solar PV Projects and Solar Thermal Projects:**

**Net Worth**

The "Net Worth" of the company should be equal to or greater than the value calculated at the rate of Rs 3 Crore or equivalent US\$ per MW of the project capacity. The computation of Net Worth shall be based on unconsolidated audited annual accounts of the company. For the purpose of the computation of net worth, the best year in the last four years shall be considered. The Company, would thus be required, to submit annual audited accounts for the last three financial years and current year (Un-Audited) if available., while indicating the year, which should be considered for evaluation, along with a certificate from the Chartered Accountant to demonstrate the fulfillment of the criteria.

For companies, which are newly incorporated, the Net Worth criteria should be met seven days prior to the date of submission of application by the Project Developer. To demonstrate fulfillment of the criteria, the Project Developer shall submit a certificate from a Chartered Accountant certifying the Net Worth on the date seven days prior to submission of application. Further, the Project Developer shall submit the un-audited financial statements of the company for the date on which the Certificate of Chartered Accountant has been obtained.

{Note: For the Qualification Requirements, if data is provided by the Project Developer in foreign currency, equivalent rupees of Net Worth will be calculated using bills selling exchange rates (card rate) USD/INR of State Bank of India prevailing on the date of closing of the accounts for the respective financial year as certified by the Project Developer's banker.

For currency other than USD, Project Developers shall convert such currency into USD as per the exchange rates certified by their banker prevailing on the relevant date and used for such conversion.}

#### Net Worth

=	Paid up share capital
Add:	Reserves
Subtract:	Revaluation Reserves
Subtract:	Intangible Assets
Subtract:	Miscellaneous Expenditures to the extent not written off and carry forward losses

For the purposes of meeting financial requirements only unconsolidated audited annual accounts shall be used. However, audited consolidated annual accounts of the Project Developer may be used for the purpose of financial requirements provided the Project Developer has at least twenty six percent (26%) equity in each company whose accounts are merged in the audited consolidated account and provided further that the financial capability of such companies (of which accounts are being merged in the consolidated accounts) shall not be considered.

In case of a Consortium the financial requirement to be met by each Member of the Consortium shall be computed in proportion to the equity commitment made by each of them in the Project Company. Supply of power to; incorporate a Project Company with equity participation by the Members before signing the PPA. The Project Developer may seek qualification on the basis of financial capability of its Parent Company and / or its Affiliate(s) for the purpose of meeting the Qualification Requirements. In case of the Project Developer being a Bidding Consortium, any Member may seek qualification on the basis of financial capability of its Parent Company and / or its Affiliate(s).

In case, any Company desirous to develop both Solar PV Project as well as Solar Thermal Project, the Company will have to meet the total Net Worth requirement for all the Projects selected and submit the proof for the same within one month from the date of application.

**B -Technical Qualification for Solar PV Projects and Solar Thermal Projects:**

- I. Solar Power Developer should have Firm Technology tie-up/ collaborations/supply agreements with technology/ equipment suppliers.
- II. Solar Power Developer should provide documentary evidence for technical ability of the company/Consortium to ensure and meet the schedule for project completion and commencement of the power supply.
- III. Solar Power Developer shall provide undertaking for PV modules/inverter systems to be deployed shall be compliant with applicable latest IEC standards and compliant with applicable standards as specified by Central Electricity Authority.
- IV. Solar Power Developer shall provide undertaking document for meeting technical requirements specified by MNRE for Grid Solar Power Plant.

**Note:** Tie up would mean any of (i) MOU for Technology Transfer, (ii) Technology or document sale agreement, (iii) EPC Contract, (iv) Project specific assurance to support with design and construction of the plant.

**B. P. PANDEY,**  
*Principal Secretary.*