

GOVERNMENT OF UTTARAKHAND

Solar Energy Policy of Uttarakhand - 2013

Notification No. 1044/1/2013-5/14/2009 Dated 27.6.2013 and

Amendment No. 1050/1/2015-5/14/2009 Dated 1.10.2015

Sl. No.	Description	Summary
1.	Title	Solar Energy Policy of Uttarakhand – 2013 Dated 27.6.2013 and Amendment No. 1050/1/2015-5/14/2009 Dated 1.10.2015
2.	Applicability/Operative Period	<ul style="list-style-type: none"> • Policy to come into effect from date of issuance. However, if required, modifications may be made by Government of Uttarakhand. • Policy to be applicable to all Solar Photovoltaic and Solar Thermal Power Projects.
3.	Objectives	<ul style="list-style-type: none"> • Promoting green and clean power using solar energy to reduce the dependence on conventional source of energy • Aims to target to set up 500 MW of solar power plants by the year 2017. • To create direct and indirect employment opportunities in the State. • To create conditions conducive to the involvement of investors in RE projects. • To enhance the use of solar energy source that assist in mitigating environmental pollution.
4.	Nodal Agency	Uttarakhand Renewable Energy Development Agency (UREDA)
5.	Capacity Cap	<ul style="list-style-type: none"> • Minimum capacity allocation to each Solar Power developer to be 100 KW and maximum 50 MW. • There shall not be any maximum capacity cap for project allocation to Central and State Govt. Corporations.
6.	Type of Solar Projects	<p>Type I Projects selected as per the competitive bidding for sale of power to Uttarakhand DISCOM for meeting their RPO Obligation as specified by UERC</p> <p>Type II Projects set up on private land for captive use/sale of power to third party within or outside the state or on private land under Renewable Energy Certificate (REC)</p> <p>Type III Projects set up on Government land for captive use/sale of power to third party within or outside the state or on Government land under REC mode</p> <p>Type IV Projects established under Jawaharlal Nehru National Solar Mission Programme of MNRE, Govt, of India.</p>
7.	Eligible Units	All registered companies, firms, institutions, societies, central and state gov., power generation companies and public/private sector solar power project developers

8.	Selection of Solar Power Developers	<p>Type I Projects</p> <ul style="list-style-type: none"> • Government of Uttarakhand (GoUK) to promote setting up of Solar Power Projects (SPP) for sale of electricity to DISCOM of Uttarakhand (UPCL). • Total capacity of project to be as per RPO target specified by UERC from time to time/ decided by GoUK. • GoUK/UREDA to invite proposals for selection of SPPs through tariff based competitive bidding process as per qualification criteria • Only project capacities installed in the state of Uttarakhand to be eligible for incentives under this Policy. <p>Type II Projects</p> <ul style="list-style-type: none"> • Developer can establish SPPs (Solar PV/Solar Thermal) on Private land. • GoUK/UREDA to invite proposals for the same. • Developers to submit proposal with all the required information/documents as per application form available in Annexure-I. • SPPs installed in the state of Uttarakhand to be eligible for incentives. <p>Type III Projects:</p> <ul style="list-style-type: none"> • GoUK/UREDA to invite proposals for setting up SPP on Government land in the state of Uttarakhand on the prescribed format as per Annexure-II (A) and Annexure-II (B) of Policy. • Separate offer to be invited by GoUK/UREDA for identified government land • Developer to submit proposals in two separate envelopes containing the required documents/informations as per Annexure-II(A) in first envelope and offer for providing maximum free energy (in MUs) per MW in second envelope. • Second envelope of only those developers to be opened whose applications are shortlisted by Technical Appraisal Committee (TAC) • Application shall not be accepted if the application forms as per annexure-II(A) & Annexure-II (B) are in the same envelope. <p>Allotment of Government Land to the Successful Bidder</p> <ul style="list-style-type: none"> • GoUK/UREDA in accordance with the existing land revenue rules/law of Uttarakhand to identify govt. land owned by Revenue Department, Gram Panchayat, Village Panchayat, Van Panchayat or any other State Government Department. • GoUK to take possession of the land and subsequently give permission for use of land on lease to the successful Developer. • Government land (if available) to be provided to the project developer on long term lease for 30 years for installation of SPP as per the provision of Uttarakhand Land Revenue Rules/Laws. • Only selected projects to be eligible for incentives under this Policy. • In case the government land is found to be used for purposes other than related to the project, lease permission to be cancelled with immediate effect. The construction carried out by the Developer and equipments on such land to be seized and vested in the GoUK. • 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 <p>Type IV Projects GoUK/UREDA to invite proposal from the developers as per the Guidelines issued by Ministry of New and Renewable Energy, Govt of India under JNNSM and as amended time to time</p>
9.	Land Requirement	<ul style="list-style-type: none"> • For setting up SPPs on different technology, maximum land use permission for Govt. land to be 2.5 Hectare per MW • Developer may identify land for their project within the state of Uttarakhand • Developer purchasing private land for the project, to be eligible for exemption of 50% on stamp duty. In case of non- installation of the project within the stipulated time, exemption to be withdrawn and recovery made as per the procedure. • In case Developer uses agriculture land for establishing SPP under this policy, he would be exempted from paying any conversion rate

		<ul style="list-style-type: none"> In case the land is found to be used for purposes other than related to the project, land use permission to be cancelled with immediate effect. The construction carried out by the Developer and equipments on such land to be seized and treated as vested in the GoUK. All the statutory clearances/approvals to be obtained by the developer Purchase of land by the private developer to be in accordance with the existing land revenue rules/law of Uttarakhand
10.	Use of fossil fuels	No fossil fuel viz: coal, gas, lignite, naphtha, diesel, wood etc allowed to be used in grid connected solar thermal power projects.
11.	Tariff	<p>Type I Projects</p> <ul style="list-style-type: none"> Power Purchase Agreement (PPA) to be executed between DISCOM of Uttarakhand and successful bidders as per the tariff arrived by tariff-based bidding. Rates to be not more than the rates specified by the UERC. <p>Type II Projects and Type III Projects</p> <ul style="list-style-type: none"> In case of third party sale within or outside the state or for captive use, PPA to be executed between the Power Producer and the Procurer on mutually agreed rates. For SPPs established under REC mechanism, PPA to be executed between producers and the Procurer as per the Regulations/Orders of CERC and/or UERC issued from time to time A separate Agreement to be executed for banking of power with DISCOM of Uttarakhand for such banking. Wheeling agreement with Power Transmission Corporation of Uttarakhand Ltd (PTCUL)/ DISCOM of Uttarakhand / or with other grid or network as appropriate to be executed separately <p>Type IV Projects: For projects under JNNSM, PPA to be executed between the producer and the Procurer as per Guidelines of MNRE</p>
12.	Wheeling Charges	Applicable as decided by UERC from time to time.
13.	Open Access	<ul style="list-style-type: none"> For open Access, developer or beneficiary to pay the applicable Open Access charges and losses as approved by UERC Cross Subsidy Surcharge not applicable for Open Access obtained for third party sale within the state
14.	Third Party Sale	Third party sale to be as per Electricity Act 2003 and UERC orders for which purchase rate to be mutually decided between generating station and consumer unit.
15.	Time Schedule	<p>(a) Solar PV: 12 months from the date of Project Allotment.</p> <p>(b) Solar Thermal: 30 months from the date of Project Allotment.</p>
16.	Procedure for Allotment of Project	<ul style="list-style-type: none"> GoUK/UREDA to invite proposals through advertisement in News Papers for each type of projects Developers to submit the application for Type-II projects to GoUK/UREDA in the prescribed Performa's appended with the Policy at Annexure-I and for Type-III projects in the prescribed Performa's appended with the Policy at Annexure-II (A) and Annexure-II (B) with the Demand Draft for processing fees (non-refundable) @ Rs, 25,000 per MW and part thereof in favour of Director, UREDA payable at Dehradun and other documents listed in the policy. Proposals received within stipulated time frame under each type of projects to be scrutinized and shortlisted by the TAC formulated by GoUK/UREDA based on the prescribed financial and technical qualification criteria as per Annexure-III. List of shortlisted prospective developers under each type of projects to be published on the website of GoUK/UREDA. Allotment of the project to be done by the Project Approval Committee (PAC) as per following <ul style="list-style-type: none"> Type-I project: To be allotted through tariff based competitive bidding amongst the shortlisted developers. Type-II project: To be allotted to the shortlisted developers. Type-III project: To be allotted to the shortlisted developers who provide maximum free energy (MUs) per MW. Type-IV project: To be allotted as per the 'guidelines/orders /regulations issued by MNRE under JNNSM , as amended

17.	Security Deposit	<ul style="list-style-type: none"> • After approval from PAC, UREDA to issue letter of award to the successful developer for security deposit as per the following: <ul style="list-style-type: none"> – Project installed on Govt, land: Developer to deposit Bank Guarantee (BG) @ Rs 10 Lakhs per MW or part thereof to UREDA. Validity of BG to be 24 months for Solar PV Projects and 36 months for Solar Thermal Projects. – Project installed on Private land: Developer to deposit BG @ Rs 5 Lakhs per MW or part thereof to UREDA as security. Validity of Bank Guarantee to be 15 months for Solar PV Projects and 36 months for Solar Thermal Projects. • After receiving BG, project allotment letter to be issued by UREDA to the successful bidder along with permission of use of identified land in case the project is proposed on Govt. land. • In case developer fails to achieve commercial operation within time period, project allotment to be cancelled and deposited security amount forfeited. • BG to be refunded, if developer achieves commercial operation within time period.
18.	Plant and Machinery	Only new Plant & Machinery to be eligible for installation under this policy
19.	Metering of Electricity	As per CEA (Installation & Operation of Meters) Regulations, 2006, the Grid Code, the Metering Code and other relevant regulations issued by UERC/CERC in this regard.
20.	Power Evacuation/ Grid Interfacing	Power evacuation and grid interfacing arrangement as per the regulation/procedures defined by CERC or UERC as amended
21.	Reactive Power Charges	To be charged as per the UERC order
22.	Solar Purchase Obligation(SPO)	DISCOMS/open access consumers/ captive consumers are liable to meet SPO as specified by UERC
23.	Non compliance of SPO	DISCOMS/open access consumers/ captive consumers failing to meet the minimum SPO as specified by UERC are liable to pay penalty @ of forbearance price of Renewable energy certificate during that financial year or as decided by UERC
24.	Clean Development Mechanism (CDM)	Developer to pass on the CDM benefits as per directions of CERC /UERC
25.	Other Facilities	<ul style="list-style-type: none"> • All Solar energy equipments, components, application products and items related to the solar equipments exempted from entry tax and VAT. • 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 this Policy.
26.	Power to remove Difficulties	Vested with Renewable Energy Department, GoUK.