



Draft Model Solar Power Policy 201X

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Government of -----
Department of New & Renewable Energy

Notification

No.

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Preamble

Access to reliable and affordable electricity is the principal requirement for the sustainable growth of the State. The Government of _____ is committed to provide 24x7 power to all in the State in a systematic manner. The Government is equally conscious towards the environment & aspects related to climate change and is committed to encourage the use of renewable energy in all of its forms.

The State, on an average basis, receives around 5.5 kWh/m²/day in its different parts for approximately 300 days. The conversion of the incident solar insolation into useful means would support the State in meeting its electricity requirement and also in reducing its dependence on electricity generation based on conventional fossil fuel. With the planned initiatives of the Government, the requirement of the electricity is expected to increase further and thus necessitates exploring all sources of energy to generate electricity in efficient manner.

Further, the Government of India has taken a pledge to have forty (40) per cent of electricity generation from non-fossil fuel based resources by the year 2030. Under these circumstances, the electricity generation based on solar energy resources shall play a significant role in enabling the Government of India in complying with the commitment as well as meeting State's future demands of electricity. Furthermore, the Government of India has revised the target for the installations based on solar power to One (1) Lakh megawatt by 2022, of which forty (40) thousand megawatt is targeted from the deployment of rooftop solar power plants. Several incentives are also announced for adopting/deploying rooftop solar power plants.

Accordingly, in order to align with the aim of the Government of India together with an objective to promote the generation of electricity based on renewable sources of energy & to harness the incident solar radiation, the Government of _____ introduces **Solar Power Plant Policy, 201X**.

1. Title of the Policy

The policy shall be known as the **Solar Power Policy, 201X**.

2. Abbreviations and Definitions

- a. "Act" means Electricity Act 2003, including amendments thereto
- b. "GST" means Goods and Services Tax
- c. "kV" means kilovolt.
- d. "kW" means kilowatt

- e. “kWh” means kilowatt hour
- f. “MNRE” means Ministry of New and Renewable Energy, Government of India
- g. “MW” means Megawatts
- h. “Nodal Agency” means the agency designated by State Government for development of Renewable Energy in the State/Centre
- i. “Obligated Entities” means entities obligated to fulfill the Renewable Power Purchase Obligation as prescribed by _____Electricity Regulatory Commission
- j. “Premises” means and includes roof-tops or any areas on the land, building or infrastructure or part or combination thereof in respect of which a separate meter has been provided by the Distribution Licensee for the supply of electricity
- k. “PV” means Photovoltaic(s)
- l. “Rooftop Solar Photo Voltaic Plant” or “Rooftop Solar PV System” or “Solar Power Plant” means the Solar Photo Voltaic Power Plant including small solar systems installed on the rooftops/ground mounted or open land of consumer premises that uses sunlight for direct conversion into electricity through photovoltaic technology;
- m. “Solar Park” means contiguous area for development of solar power generation projects, having aggregate capacity of 100 MW or more as notified by MNRE

3. Objectives

The Government introduces **Solar Power Policy, 201X** with the specific objective,

- a. to increase the dependence on renewable sources of energy & to disseminate environment awareness among the people of the State
- b. to provide a comfortable environment for enabling the investments from the private sector
- c. to enable the obligated entities of the State in complying with the Solar Purchase Obligation as specified by the _____Electricity Regulatory Commission
- d. to promote skills development and create employment opportunities for the youth of the State

4. Legislative Framework for Policy

Several provisions under the Electricity Act, 2003 mandates the Electricity Regulatory Commissions’ and the Governments’ to take necessary steps for promotion of renewable energy. The Section 108 of the Act mandates the Government to give directions to the State Commission in the matter of Policy involving public interest. Accordingly, the State Government in exercise of its powers formulates this policy.

5. Operative Period

- 1. The policy shall come into effect from the date of its notification and shall remain valid for a term of five (5) years, until superseded or modified by another Policy.

2. The Government may undertake review of this Policy at regular time intervals and modify, amend the provisions of the Policy as and when required with a view of any technological advancement and/or to remove difficulties.
3. The Eligible Entities participating under this policy shall continue to be eligible for the incentives declared under this policy, for the envisaged period.

6. Eligible Entities

Any person which shall include any company or body corporate or association or body of individuals, whether incorporated or not, or artificial juridical person shall be eligible to set up plant and receive benefits under this policy.

7. Minimum Target

1. The State shall strive to achieve the objectives of the policy and aim to comply with the targets _____ MW, as proposed by MNRE for the State, by 2022.
2. Each State Distribution Licensee shall take necessary measure and ensure that **at least** 1 MW rooftop solar power plants are installed in each division of the area of the distribution licensee on annual basis, special consideration shall be given while defining the targets for rural divisions of the Distribution Licensee.

8. Implementation Plan for Utility Scale Power Plants

The State shall aim at developing utility scale solar power plants under following segments to realize the minimum targets,

Segment I: Development Solar Power Plants under the schemes announced by Government of India

The State Government shall endeavor all its cooperation to the project developers participating in the schemes announced by the Ministry of New and Renewable Energy, from time to time. The Nodal Agency shall actively participate in the discussions/public consultations and arrange & submit the recommendations, in timely manner, to the Ministry of New and Renewable Energy, required for finalization of such scheme. The _____Electricity Regulatory Commission shall also announce suitable framework for the implementation of such scheme, if required, in a time bound manner.

Segment II: Development Solar Power Plants for Sale of Electricity to the Distribution Licensee

To support complying with the renewable (solar) purchase obligation target announced by the _____Electricity Regulatory Commission, the State Government shall promote development of solar power plants for sale of electricity generated to the Distribution Licensee. The Nodal Agency shall formulate suitable provisions for the allotment of capacity to the project developers and shall organize competitive bidding, following the reverse bidding or auction mechanism, for the selection of project developers. The _____Electricity

Regulatory Commission while formulating the regulatory framework shall include necessary provisions to adopt the tariff discovered in the competitive bidding process, if the discovered tariff is lower than or equal to the specified feed-in tariff following regulatory process.

The _____Electricity Regulatory Commission shall announce separate feed-in tariff applicable for utility scale solar photovoltaic power plants and utility scale solar thermal power plants, after considering the State specific parameters. The feed-in tariff shall act as a ceiling limit in the competitive bidding process organized by the Nodal Agency.

Segment III: Development Solar Power Plants for Sale of Electricity to any Person other than the Distribution Licensee

The State shall promote development of solar power plant for sale of electricity to any Person other than the Distribution Licensee. The Nodal Agency shall extend its support for implementation of solar power plants under this segment.

The _____Electricity Regulatory Commission shall announce suitable provisions for the development of the plants under this category.

Segment IV: Development Solar Power Plants under Renewable Energy Certificate Mechanism

The State Government shall promote the development of solar power plants under the renewable energy certificate mechanism specified by the Central Electricity Regulatory Commission. The Nodal Agency shall extend its support for the accreditation of the power plant and recommending its registration with the Central Agency in a time bound manner. In carrying out its role, the Nodal Agency shall be guided by any directions given to it by the _____Electricity Regulatory Commission for the implementation of the framework, from time to time.

Segment V: Development Solar Parks

The State shall participate in the MNRE's scheme on 'Development of Solar Parks and Ultra Mega Solar Power Project Scheme', as appropriate. The Nodal Agency shall undertake assessment of non-productive Government land and submit its report to the State Government for the development of Solar Parks on such land. While formulating the framework for the development of Solar Park, the Nodal Agency shall undertake public consultation and accordingly specify provisions. The Nodal Agency shall guide/facilitate the project developers with the approvals and clearances required from different State organisations.

The Nodal Agency shall formulate suitable provisions for the allotment of capacity to the project developers and shall organize competitive bidding, following the reverse bidding or auction mechanism, for the selection of project developers. The generated electricity shall be sold to the Distribution Licensees of the State at the discovered rate.

Segment VI: Development Solar Power Plants on Canals

The State shall promote development of Solar Power Plants on the Canal Top and on the banks of canal, after undertaking its technical feasibility. In addition, the Nodal Agency shall coordinate with the Ministry of New and Renewable Energy for implementation of its scheme announced from time to time.

The Nodal Agency shall formulate suitable provisions for the allotment of capacity to the project developers and shall organize competitive bidding, following the reverse bidding or auction mechanism, for the selection of project developers. The entire generated electricity shall be purchased by the Distribution Licensees of the State.

Segment VII: Development Solar Power Plants under any other scheme of Central or State Government

The State shall promote development of Solar Power Plants under any other scheme announced by the Central Government or the State Government, from time to time.

9. Implementation Plan for Rooftop Solar Photovoltaic Power Plants Connected with the Network of the Distribution Licensee

The State shall encourage implementation of the minimum target specified for rooftop solar photovoltaic power plants, connected with the network of the distribution licensee, under below mentioned segments. Provided that the eligible entity shall own or be in legal possession of the rooftop or terrace on which entity intends to install the PV system including the PV modules.

a) Segment I: Generation and Sale of Electricity to the Distribution Licensee of the State

In order to reap the benefits and to enable obligated entities complying with the solar purchase obligation targets specified by the _____Electricity Regulatory Commission, the State would encourage deploying rooftop solar photovoltaic power plant for generation and sale of electricity to the Distribution Licensee of the State. The Nodal Agency shall formulate suitable approach, after due public consultation process and organize a competitive bidding to discover the rate at which the electricity shall be purchased by the Distribution Licensees of the State.

The _____Electricity Regulatory Commission shall announce separate feed-in tariff applicable to rooftop solar photovoltaic power plants, after considering the State specific parameters. The feed-in tariff shall act as a ceiling limit in the competitive bidding process organized by the Nodal Agency. Provided if the _____Electricity Regulatory Commission has not specified a separate feed-in tariff for rooftop solar photovoltaic plant, the Nodal Agency shall organise competitive bidding to discover

the rate following the guidelines for Tariff based competitive bidding announced by MoP.

b) Segment II: Generation and Sale of Electricity to a Person other than Distribution Licensee

The State shall promote implementation of solar power plant and sale of electricity generated to a Person other than the Distribution Licensee. The Nodal Agency shall extend its support for implementation of solar power plants under this segment.

The _____ Electricity Regulatory Commission shall announce suitable provisions for the development of the plants under this category.

c) Segment III: Generation, Captive Consumption and injection of surplus Electricity under Net Energy Metering Mechanism

The State shall promote development of rooftop solar photovoltaic power plants implemented by any Person for meeting its own electricity requirements and injecting surplus electricity into the distribution system. The plants can be owned by the consumer or any other Person may also be permitted to implement the rooftop solar plant in the premises of the consumer.

The eligible entities shall be allowed one time irrevocable option to participate either in the net metering mechanism or feed-in tariff, as specified by the _____ Electricity Regulatory Commission, under this policy. However, the plants already implemented under the respective framework, prior to the announcement of this policy, shall continue to enjoy the benefit of the applied framework.

A suitable framework for the implementation of net energy metering mechanism shall be specified by the _____ Electricity Regulatory Commission for the development of plants to promote captive consumption of electricity.

The Nodal Agency shall submit a detailed project implementation time plan to the State Government for its scrutiny & approval. The time plan shall highlight actions to be taken up by the stakeholders, involved in the process of implementation of a rooftop solar plant. After the approval of the time plan the Nodal Agency & the Distribution Licensees shall publish it on their website for larger dissemination.

The State shall encourage implementation of grid connected rooftop solar photovoltaic power plants as under following consumer categories,

i. Residential, Institutional and Social Sector

1. Nodal Agency shall take appropriate measures to satisfy the provisions of Grid Connected Rooftop and Small Solar Power Plants Programme of MNRE for availing the Central Financial Assistance.
2. Facilitation shall be provided to avail the Central Financial Assistance, as available, for the installation of rooftop solar plant.
3. The consumers shall implement the rooftop solar plant following the framework as specified by the _____ Electricity Regulatory Commission.
4. The Nodal Agency, if required, shall assess the requirement of a suitable payment security mechanism for the Institutional and Social Sector and shall submit it to the State Government for its perusal.

ii. Government/Government Institutions

1. The Nodal Agency shall ensure active participation in the Ministry of New and Renewable Energy (MNRE) scheme on implementation of rooftop solar power plants on the premises of the State Government department and State Public Sector Units namely 'Achievement-Linked Incentive' for Government Sector or any other incentive available under any Government scheme from time to time.
2. All the government owned organisation, semi government organisation, government aided organisation etc. shall endeavor to install grid connected rooftop solar photovoltaic power plant and generate & consume some percentage of their annual electricity requirements from such plant. In all situations, the Nodal Agency shall ensure that all such government/government institution buildings with suitable rooftop area of 500 m² or above shall install a solar PV plant with a minimum (kWp) capacity computed as follows: Capacity in kWp = (Total shadow free rooftop area x 75%)/12 or 80% of the buildings' sanctioned connected load /contract demand whichever is lower.
3. The Nodal Agency shall organize a competitive bidding for the implementation for the selection of project developer or the project implementing agency, as the case may be, following a suitable mechanism.
4. The Nodal Agency shall assess the requirement of a suitable payment security mechanism and shall submit it to the State Government for its perusal.

iii. Commercial and Industrial

The State Government shall promote deployment of rooftop solar photovoltaic power plants on the premises of hotels, private guest houses, private transit hostels, private students' hostels, marriage houses, commercial establishments, cinema & theatres, private ware-houses, industries etc. All the aforementioned institutions shall be encouraged to implement rooftop solar photovoltaic power plant, of

suitable capacity, on the roof of their premises/area, generate the electricity for sale to the distribution licensee or for their self-consumption.

10. Implementation Plan for Decentralized & Off-Grid Solar Applications

The Government will also promote decentralized and off grid solar applications, to meet the requirements of electricity and thermal energy, as per the guidelines issued by Ministry of New and Renewable Energy.

To comply with the minimum targets envisaged under the policy the Nodal Agency shall identify priority areas/sectors for deployment of decentralized and off grid solar photovoltaic power plants include solar photovoltaic standalone power plants, solar home lighting systems, street lighting system, solar pumps etc. and take necessary action, in time bound manner, to implement the off grid solar systems in those priority areas/sectors with the approval of the Government.

Further, for the utilization of solar energy for thermal applications, the Nodal Agency shall take necessary action to proliferate its application in feasible sectors including residential (solar water heaters, solar cookers, in-door air heating etc.), commercial & industrial sector (solar cooling, solar air dryers, large scale solar water heaters, large scale solar cooking utilizing solar concentrator technology, process heating etc.).

The _____Electricity Regulatory Commission shall assess the benefit of the deployment of decentralized and off grid solar application for electricity and thermal applications on the overall electricity system of the State and shall introduce provision of offering suitable incentive to the eligible entities for large scale adoption in different sectors.

11. Incentives

The Nodal Agency shall assess need for financial assistance to eligible entities and submit a proposal to the State Government. The following incentives shall be available to the rooftop solar plant implemented by the eligible entities, as applicable, during the Operative Period of the policy,

A) Exemption from the payment of Electricity Duty and Cess

The electricity generated from solar power generating plant and consumed by any Person, shall be exempted from payment of the Electricity Duty and Cess as specified by the State Government, for a period of 10 years from the date of commissioning of the power plant. Provided the categories exempted from payment of the electricity duty as specified under The Electricity Duty Act and/or Rules or any other guideline, if announced, by the State Government shall be applied.

B) Industry Status

All solar plants shall be treated as ‘industry’ under the schemes administered by the State Industrial Department and incentives available to industrial units shall be available to the solar plant developers.

C) Payment of Open Access Charges

The applicability of payment of Open Access Charges and Losses will be following the terms and conditions specified by the _____Electricity Regulatory Commission, from time to time. The _____Electricity Regulatory Commission shall consider for exemption of payment of Open Access Charges for a suitable term if the Electricity is Generated and Consumed within the State.

D) Exemption from payment of Conversion Charges

The implementation of rooftop solar photovoltaic power plant shall be permitted by the State planning department, after necessary scrutiny. The residential consumers opting for implementation of rooftop solar photovoltaic power plant under sale to grid shall be exempted from conversion of house tax to commercial tax.

E) Exemption from the payment of GST

The equipment purchased for installation of solar plants shall be exempted from payment of State GST.

F) Wheeling Charges

The applicability of payment of wheeling charges and losses will be following the terms and conditions specified by the _____Electricity Regulatory Commission, from time to time. The _____Electricity Regulatory Commission shall consider for exemption of payment of Wheeling Charges for a suitable term.

G) Cross Subsidy Surcharge & Additional Surcharge

For a period of 10 years from the date of commissioning of the power plant, the cross subsidy surcharge shall not be levied for Sale of electricity to a Person other than Distribution Licensee. Provided that the Sale of electricity is taking place within the State boundary. Provided also that the buyer is maintaining its contracted demand with the Distribution Licensee. The eligible entities shall continue to pay the additional surcharge, if applicable and as specified by the _____ Electricity Regulatory Commission.

For captive consumption, cross subsidy surcharge shall not be levied.

H) Banking

The banking of electricity, under which a captive generating power plant supplies electricity to the grid with the sole intention of exercising his eligibility to draw back this power from the grid for its own use, shall be as per the directions of

_____Electricity Regulatory Commission. The _____Electricity Regulatory Commission shall consider for exemption of payment of Banking Charges for a suitable term.

I) Height of the module structure

The height of the module structure carrying rooftop solar panels, in addition to the building height, shall not be counted towards total height of the building as permitted by building bye laws, except near airports where building regulations issued by the Airports Authority of India take precedence.

No approval will be required from concerned Municipal Corporation or Urban Development Bodies for putting up solar plants in existing or new buildings. However, the Municipal Corporation or Urban Development Bodies shall undertake inspection of the plant from safety view point and suggest for necessary improvements, if any. The support structure on which rooftop solar panels are installed shall be a temporary structure. The elevated structure should not be used for any other commercial activities, if used, necessary approvals will be mandatory and fee shall be paid as per the rules of Municipal Corporation.

J) Inspection by Electrical Inspector

In compliance to the Rule 47A of Indian Electricity Rules, 1956 the installation and testing of rooftop solar power plant up to 500 kW proposed to be connected to the network of the Distribution Licensee, will be exempted from the inspection by the Electrical Inspector of the State. The appropriate Distribution Licensee shall undertake the inspection of the rooftop solar power plant up to 500 kW before commissioning.

12. Role of Nodal Agency

The Nodal Agency shall facilitate the eligible entities in implementing the solar plant and undertake following activities,

A) Announcement of Scheme

The Nodal Agency shall bring out a comprehensive scheme to implement the targets specified under the policy. The scheme should elaborate the appropriate process for invitation of bids/applications, incentives and central financial assistance, if any, targets, implementation mechanisms etc.

B) Solar Kits/Packs

The Nodal Agency shall work with rooftop solar photovoltaic power plant equipment suppliers to build solar kits/packs to facilitate the easy demonstration/buying of plants by the consumers.

C) Demand Aggregation

The Nodal Agency with the help of local urban bodies shall, from time to time, undertake the process of demand aggregation in the residential, institutional, social sector and Government/Public institutions for the deployment of rooftop solar photovoltaic power plants.

D) Allotment of the Solar Power Capacities

The Nodal Agency shall, from time to time, undertake the process for allotment of solar power capacities to the project developers. The Nodal Agency in consultation with the related stakeholders shall announce the process for allotment of solar power capacities.

E) Facilitation in Development of Power Plant

The Nodal Agency shall, facilitate the project developers in arranging right of way, supply of water, obtaining necessary clearances and approvals from different Government departments.

F) Identification of Government Land Banks and facilitation of its allotment for Solar Power Plant development

The Nodal Agency shall identify government land banks and shall coordinate with the Government departments, prepare transparent procedure, take necessary approvals and clearances for the allotment of Government Land to the project developers for the development of power plant. The Nodal Agency may specify suitable fee payable by the project developers, after due approval by the Government.

G) Support in establishing Protocols/Procedures for easy adoption of Solar Power

The Nodal Agency shall also support the distribution licensee in developing the protocols and procedures for metering, connectivity with the electricity system, and power purchase agreements etc. for easy adoption of rooftop solar photovoltaic power plants by the stakeholders.

H) Identification of Sites for Deployment of Rooftop Solar Photovoltaic Power Plants

The Nodal Agency shall facilitate the project developers in identifying the technically feasible sites/roofs under jurisdiction of the State Government for deployment of rooftop solar photovoltaic and other small scale solar power projects. The Nodal Agency may charge nominal fee for extending its services. The Nodal Agency shall also encourage deployment of solar power projects on sites/roofs under jurisdiction of private institutions/buildings.

I) Online portal for application processing and awareness building

The Nodal Agency shall facilitate implementation of an elaborate and user-friendly platform (online portal, telephonic helpline) providing all the relevant information

related to clearances & approvals, technology, incentives, system integrators, quality management and regulatory framework etc.

The Nodal Agency shall support all eligible entities in implementing rooftop solar plants and shall introduce a web enabled platform, prepared with the support of the State Distribution Licensees, to submit the application for registration, for providing clearance & approvals by the distribution licensee, energy accounting from the respective rooftop solar plants etc.

J) Support in availing the Subsidy

The Nodal Agency shall facilitate the eligible entity to avail the subsidy available from Central and/or State Government. The subsidy may be credited directly to the eligible entity, upon submission of necessary documents.

K) Amendment in Bye-Laws

The Nodal Agency shall coordinate with the Housing and Urban Planning Department, identify and recommend necessary amendments in the Bye-Laws to facilitate extensive adoption of rooftop solar photovoltaic power plants.

L) Capacity Building & Awareness

The Nodal Agency shall organize the certified training programmes in consultation with the Skill Council for Green Jobs. The Nodal Agency shall organize Capacity Building & Training Sessions for participation by the segment stakeholders. The Nodal Agency shall also take necessary steps in creating awareness among the citizens of the State. In addition, the specialised training programs, in association with National Institute of Solar Energy (NISE), shall be designed to train electricians, mechanical & civil experts on solar. Skills will be developed across segments including – installation, operation and maintenance of solar projects, testing of solar products, solar resource assessment, refurbishment, etc.

M) Plan for strengthening

The Nodal Agency from time to time, shall assess the requirement of resources, and submit a proposal to the appropriate department of this Government for their consideration and approval.

N) Strategy for the development of Solar Segment

The Nodal Agency shall arrange to formulate a strategy for the overall development of solar segment in the State with special emphasis on creating market for service providers, small and medium enterprises etc. The report shall be submitted for the consideration of the State Government on yearly basis. The Nodal Agency shall also ensure accessibility of quality equipment as per standards specified by appropriate agencies including Ministry of New and Renewable Energy.

O) Coordination with MNRE for Technical Specification

The State shall follow the technical specifications and standards as specified by the Ministry of New and Renewable Energy, from time to time. The Nodal Agency shall provide its inputs to the Ministry of New and Renewable Energy for specifying standard new or amending existing technical specifications for different component of solar plant (photovoltaic and thermal).

P) Adoption of best practices and business models

The Nodal Agency from time to time, on its own motion or on the basis of a proposal received from stakeholders, shall undertake assessment of best practices adopted by other Indian States and other Countries for the promotion of rooftop solar segment. The report of such assessment shall be submitted to the State Government for its consideration.

Q) Support to Smart City Programme

The Nodal Agency shall extend its full cooperation towards realizing the solar installation targets as emphasized under the Smart City Programme.

13. Roles of the Electricity Regulatory Commission

The _____Electricity Regulatory Commission shall on priority basis, notify appropriate regulatory framework for the promotion and deployment of utility scale solar power plants and grid connected rooftop solar photovoltaic power plants in the State. The regulatory framework shall include the enabling provisions for the implementation of the policy.

14. Role of State Transmission & Distribution Licensee

The State Electricity Transmission and Distribution Licensees shall extend their support and guidance to the eligible entities in installing solar power plants and their connectivity with their electricity system. They shall comply with the regulatory framework specified by the _____Electricity Regulatory Commission and provision contained in this Policy.

The State Distribution Licensee shall finalise the specifications of the meters and shall empanel the vendors. The rate of meters in respective categories should also be finalized so that the meter may be procured by the eligible entity and shall be installed by the Distribution Licensee.

Each distribution licensee of the State shall develop a dedicated rooftop solar cell headed by the Chief Engineer for the development of the rooftop solar power plants in their respective license areas.

15. Metering Arrangement

The metering arrangement should comply Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006, Central Electricity Authority (Installation and

Operation of Meters) Amendment Regulations, 2010 and Central Electricity Authority (Installation and Operation of Meters) Amendment Regulations, 2014, as applicable.

16. Evacuation Facility and Connectivity with the Electricity System

The voltage of evacuation of electricity generated, from the solar power plant, shall be governed by the directions of the _____ Electricity Regulatory Commission. The evacuation infrastructure for the solar power plants shall be developed and augmented, wherever necessary, by the State Transmission Licensee and/or the Distribution Licensee, as the case may be.

The connectivity of the solar power plant with the electricity system at voltage level 33kV and above shall be governed by the Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007 and amendment thereof whereas the connectivity of the solar power plant with the electricity system at voltage level below 33kV shall be governed by the Central Electricity Authority (Technical Standards for Connectivity of Distributed Generation Resources) Regulations, 2013.

17. Procedure for Interconnectivity with the Electricity System

The procedure for interconnectivity of solar power plant with the electricity system of the licensee shall be in accordance with the provisions laid by licensee and approved by the _____ Electricity Regulatory Commission. The licensee within one (1) month, from the date of publication of this policy under official gazette, shall establish the procedure for interconnectivity of solar power plants its electricity system.

18. Financial Arrangement & Support

The following financial arrangements shall be available for the promotion of solar power plant,

A) Budgetary Support

The Nodal Agency shall undertake detailed assessment of the support required for encouraging implementation of targets identified under this policy for implementation of solar plants and submit the fund requirements for consideration of the Government for budgetary support.

B) Creation of Green Fund

The State Government shall devise creation of a Green Fund. The fund so created shall be utilized for organizing capacity building and training programme, creating awareness, offsetting the upfront capital cost, interest subvention through Banks and any other aspect deemed necessary for the easy adoption of solar plants in the State.

C) Through Private Investment

State Government shall attract private investments for installation of solar plants. The Nodal Agency shall facilitate and provide clearances and approvals from concerned departments.

19. Monitoring of Parameters

All solar power plant developers reaping benefit under this policy shall need to install equipment to monitor solar irradiance, wind speed, ambient air temperature, and electricity generated and injected into the electricity system or self-consumed furnish from such solar power plant. The solar thermal plant developers shall need to install equipment to monitor solar insolation, thermal heat generated and related parameters. The monitoring report shall be submitted to the Nodal Agency on regular time period for the useful life of the plant through online mechanism. The Nodal Agency shall develop necessary infrastructure to record such parameters.

20. Empowered Committee

To oversee, monitor and resolve various issues arising out of this policy, an Empowered committee will be constituted under the chairmanship of the Chief Secretary of the State. The committee will have the following members:-

Chief Secretary	- Chairman
Secretary /Principal Secretary Urban Development	- Member
Secretary /Principal Secretary, Renewable Energy	- Member
Secretary /Principal Secretary, Finance	- Member
Secretary /Principal Secretary, Planning	- Member
Secretary /Principal Secretary, Irrigation	- Member
Secretary /Principal Secretary, Revenue	- Member
Secretary /Principal Secretary, Energy	- Member
Managing Director, Concerned Distribution Licensee	- Member
Director, Nodal Agency	- Member
Secretary	- Member

The Chairman of the Committee is empowered to co-opt subject matter expert/s, if required. The Committee shall be authorized to deliberate and decide on aspects related to implementation of this policy on its own motion or on the written representations by the Stakeholder.

The Empowered Committee shall therefore provide their recommendations on,

- a. Approval of the project(s) with capacities more than 50 MW at single location
- b. Resolving key bottlenecks in implementation of solar power plants

- c. Deliberating on aspects to create fund for the development of grid connected rooftop solar photovoltaic power plants
- d. Issues regarding facilitation of framework for interconnection with the network of distribution licensee
- e. Resolve any other Inter departmental issue that arise from time to time
- f. Any other relevant aspect

Principal Secretary
(Government of -----)