



भारत सरकार / Government of India

सरकारी राजपत्र OFFICIAL GAZETTE

संघ प्रदेश दादरा एवं नगर हवेली तथा दमण एवं दीव प्रशासन
U.T. ADMINISTRATION OF DADRA AND NAGAR HAVELI AND
DAMAN AND DIU

असाधारण EXTRAORDINARY

प्राधिकरण द्वारा प्रकाशित / PUBLISHED BY AUTHORITY

Daman 13th February, 2024 24 Magha, 1945 (Saka) No. : 12

U.T Administration of Dadra and Nagar Haveli and Daman and Diu
Electricity Department,
Magarwada,
Daman

ED/EE/RE Policy/2023-24/4826

Dated : 06/02/2024

NOTIFICATION

The Administrator of Dadra and Nagar Haveli and Daman and Diu is pleased to notify Policy for development and deployment of Renewable Energy power generation technology as per terms and conditions mentioned herein after:

Fore ward

- (i) Power is the lifeblood of any growing economy and the availability of reliable and uninterrupted power supply is a crucial determinant for economic growth. However, the economic growth also needs to ensure our commitment to environment. That is why generation and usage of renewable energy has caught utmost attention world over. I would like to thank the Ministry of New and Renewable Energy and Ministry of Power, Govt. of India for setting up targets and providing guidelines for promotion of renewable energy.
- (ii) Union Territory of Dadra and Nagar Haveli and Daman & Diu is a key hub of industrial activity in the western region of India and today is home to approximately 5500 industrial units. Major power requirement of the territory is met from power allocation from the Central Generating Stations. Electricity Department (Transmission Division), DNH, DNH DD Power Distribution Corporation Ltd. and Electricity Department of Daman & Diu are fully committed to undertake all

measures for infrastructural up gradation and measures for efficiency improvements at the substation level and the transmission networks respectively. It is our vision to transform Dadra and Nagar Haveli and Daman & Diu into a model territory with an efficient power supply framework and best in industry standard efficiency parameters. Equally, we are committed to supplement our generating capacity through renewable energy sources including but not limited to harnessing solar power, wind power etc. I am confident that in the next few years, we shall be able to achieve the key objectives set out for us.

1. Preamble

Energy is fundamental to the quality of our lives. Presently, we are dependent on an abundant and uninterrupted supply of energy for living and working. Depletion of conventional energy resources (Coal, Oil, Natural gas etc.) day by day and emission of greenhouse gases (GHGs) in environment from usage of fossil fuel is complex problem in reduction of global warming.

Union Territory (U.T.) of Dadra and Nagar Haveli and Daman & Diu has been in the forefront in industrial development comprising of approximately 95% industrial demand. The U.T. has no generation facility within the territory, and it is drawing power from outside U.T. Promotion of renewable energy resources and technology plays an important role to meet the upcoming energy requirement of U.T. through secure, systematic and environmentally sustainable manner so that dependency on fossil fuels will be reduced in future.

The U.T. of Dadra and Nagar Haveli and Daman & Diu is blessed with high solar radiation and average 300 days of clear sun. U.T. Administration encourages Renewable Energy (RE) Generation projects for the social as well as economic development of U.T. and promotion of RE Generation within U.T.

In view of ambitious targets set by Central Government for solar power generation and in light of Vision-2047, there is a need for a comprehensive policy to promote solar power and other RE technologies. For inclusion of all aspects of promotion of RE technologies, government is pleased to introduce the **Renewable Energy Policy –2024 for U.T. of Dadra and Nagar Haveli and Daman & Diu**. This policy shall supersede and replace earlier Renewable Policy for U.T. of Dadra and Nagar Haveli and Daman and Diu.

2. Legal and Regulatory Framework

2.1 Electricity Act 2003

According to the Electricity Act 2003, Section-9 (2) as amended from time to time, any private individual or Agency is free to set up a Power Generation Plant and they shall have right to open access of the transmission and distribution facility.

2.2 Nationally Determined Contribution

India submitted its Intended Nationally Determined Contribution (NDC) to the United Nations Framework Convention on Climate Change (UNFCCC) and is now its first NDC under the Paris Agreement. NDC sets target to achieve about 50 percent cumulative electric power installed capacity from non-fossil fuel-based energy resources by 2030. Accordingly, national target of 500 GW of non-fossil fuel capacity by 2030 is set.

2.3 Joint Electricity Regulatory Commission for the State of Goa and U.T.

In the matter of electricity, regulatory body for U.T. of Dadra and Nagar Haveli and Daman and Diu is Joint Electricity Regulatory Commission (JERC) for the state of Goa and Union Territory. The orders/Regulations passed by the commission from time to time shall be applicable to the provisions of this policy. Similarly, Acts passed by Government of India in respect of Power Sector shall also be applicable to provisions of this Policy. In case of any discrepancy between the provisions of this Policy and Orders/Regulations issued by the JERC, the orders/Regulations issued by the JERC will take precedence.

Overall development and operation of solar power generating stations shall abide by standards and regulations of Central Electricity Authority, Ministry of New and Renewable Energy (MNRE) or other competent authority.

3. Objectives

Walking hand in hand with the Government of India (GoI), the RE Policy is designed to achieve the following objectives:

- Promotion of RE Generation within U.T.
- Encouraging private sector participation by defining roadmap and providing facilitation.
- To create skilled manpower and employment opportunity for U.T.
- To encourage Decentralized Distribution, Generation system within the U.T. for reducing T&D losses
- To encourage development of renewable energy related industries within U.T.

4. Title, Enforcement and Scope

4.1 This Policy shall be known as “**Renewable Energy Policy– 2024 for U.T. of Dadra and Nagar Haveli and Daman & Diu**”. Policy shall be applicable from the date of notification of the policy in the Official Gazette. Electricity Department, Daman shall be the nodal agency for designing, implementing and maintaining the policy and shall execute various responsibilities as per this policy.

4.2 The Policy shall be extended for various types of non-fossil fuel resources including but not limited to Solar PV rooftop / Ground mounted / Floating generators, Wind Turbine Generator,

municipal waste based power generation, wave energy, tidal energy, Green Hydrogen / Ammonia production, RE based Energy Storage technologies etc.

4.3 Primary focus of the policy for setting up Solar Power Generation facility within U.T. of Dadra and Nagar Haveli and Daman & Diu. In case of setting up plant other than solar PV technology or for procurement of RE power to achieve policy target / RPO, or setting up a RE Generation plant outside U.T., an application shall be processed on case to case basis.

5. Operative Period

5.1 This policy shall come into operation with effect from the date of publication in the gazette and shall remain valid, until superseded or modified by another policy. Solar power plants, approved, installed and commissioned during this period shall be eligible for the incentive declared in this policy.

6. Eligible Entities

6.1 For the development of solar power projects under this policy- any individual person, proprietorship company, partnership company, all registered companies, public/private sector solar power project developers, EPC contractors, U.T.'s distribution companies and manufacturing units of equipment's and ancillaries related to solar projects will be eligible for setting up RE Power projects, either for the purpose of captive use and/or selling of electricity in accordance with the Electricity Act-2003, Section-9, as amended from time to time. However, the applicant needs to be consumer of U.T. DISCOM, and shall be referred as prosumer (Producer + Consumer).

For grid connected solar projects, only MNRE approved technology shall be considered.

7. Empanelment of EPC Contractor

7.1 All projects under the policy shall be executed by EPC contractor empanelled with Electricity Department, Daman. This is to ensure better quality of work and trouble free execution as well as hassle free post execution activities between Prosumer and EPC contractor.

7.2 All EPC contractor who executes the project need to deposit Performance Guarantee of 5% of the contract value for the period of 5 years. The Performance Guarantee shall be refunded to the contractor, provided his performance is found satisfactory.

8. Nodal agency and its role

8.1 Electricity Department, Daman shall be nodal agency for implementation of Solar Policy. Further, DISCOM shall assist Nodal Agency to discharge duties and responsibilities assigned to it under this policy.

Responsibilities of the nodal agency shall include but not limited to:

- Providing online platform for application processing and publishing various information such as capacity available to distribution transformer for connecting solar power projects connectivity, performance of power plants under the policy etc.
- Promotion of Research and Development activities (R&D) and Environment friendly technologies.
- Arranging awareness campaign on energy conservation and use of renewable sources of energy at all levels.
- Recommendation of projects to avail benefits under the policy declared or to be declared by the Government of India.
- Facilitation of allotment of suitable land/space in the control of government or its agencies.
- Financial arrangement through budget support, creation of green fund or through private investment.
- The nodal agency shall carryout feasibility survey of government buildings, lands, river fronts, waste land, etc. for installation of solar PV projects within 6 months of the notification of the policy and publish the same online.

8.2 Nodal Agency will act as single window clearance for Solar Power Projects for the following activities:

- Ensuring all the incentives available to the prosumer under relevant U.T.'s policy that are applicable to the solar power producers.
- Ensuring that all relevant Government orders pertaining to this policy are issued in a time bound manner by concerned departments.
- Facilitation in all clearances, approvals, permissions and consents required from the State Government/DISCOM / Other agencies.
- Ensuring timely provision of evacuation infrastructure for the upcoming solar power plants in coordination with DISCOM.

9. Application Procedure and Single Window Clearances

9.1 Electricity Department, Daman shall prepare detailed operating procedure and related formats for implementation of this policy. The applicant may visit department website www.dded.gov.in or National Portal for Rooftop www.solarrooftop.gov.in for submission of application, feasibility approval and commissioning approval. Facility for document uploads

shall be available online. In case of approval of multiple agencies is required, the same shall be available online.

- 9.2 For benefit of applicant, Electricity Department shall prepare documents like guidelines, formats, list of documents etc. and shall make available online. For wide publicity of online facility, Electricity Department may also organize awareness programs, advertisement, banners etc.
- 9.3 Electricity Department shall scrutinize the application, assess feasibility and issue consent letter within 7 days of receipt of application and the same shall be communicated to applicant through registered mail id. In case of any lacuna or inadequate information, the concerned applicant shall be informed.
- 9.4 After receipt of feasibility approval, the plant shall be installed by any registered EPC contractor. After installation of plant, the vendor shall provide plant details and request for grid connectivity. All such communication shall be facilitated through online portal.
- 9.5 All the grid connected power generation plant setup under this policy shall enter into PPA with DISCOM for sale of power for the period as mentioned in the Policy. DISCOM shall prepare draft PPA in consultation with Electricity Department and publish online.
- 9.6 Electricity Department, Daman and DISCOM may jointly device a step-wise detailed procedure for hassle free process of application and grid connectivity.

10. Grid Connectivity

- 10.1 Only grid connected Solar PV projects are qualified to setup power plant under this policy. Minimum size of the plant shall be 0.5 KW per grid connectivity. There is no cap on size of the plant.
- 10.2 The prosumer shall comply with IEGC, JERC Regulations, CEA Regulations for implementation of solar projects or any such regulations notified by MNRE or other competent authority from to time.
- (a) Net metering: Net metering means a mechanism whereby solar energy exported to the Grid from Grid Interactive rooftop Solar Photovoltaic system of a Prosumer is deducted from energy imported from the Grid in units (kWh) to arrive at the net imported or exported energy and the net energy import or export is billed or credited or carried-over by the distribution licensee on the basis of the applicable retail tariff by using a single bidirectional energy meter for net-metering at the point of supply;
- Net metering shall be allowed to the Prosumer for loads up to five hundred Kilowatt (500 KW) or up to the sanctioned load, whichever is lower.

(b) Gross Metering:

Gross metering means a mechanism whereby the total solar energy generated from Grid Interactive rooftop Solar Photovoltaic system of a Prosumer and the total energy consumed by the Prosumer are accounted separately through appropriate metering arrangements and for the billing purpose, the total energy consumed by the Prosumer is accounted at the applicable retail tariff and total solar power generated is accounted at applicable tariff.

The Commission shall decide for this purpose the generic tariff for gross-metering as per tariff regulations. Till such tariff is notified by the Commission, average power purchase cost as approved by Commission shall be considered as rates for sale of power by prosumer to Discom.

(c) Virtual Net Metering: It is an arrangement whereby entire energy generated from RE generator / Energy Storage System is exported to the grid is adjusted in more than one electricity service connection(s) of multiple prosumers located within same DISCOM.

(d) Group Net Metering has an arrangement whereby surplus energy from RE generator / Energy Storage System is exported to the grid is adjusted in more than one electricity service connection(s) of the same prosumer located within same DISCOM.

11. Metering and Billing

11.1 Electricity Department shall be responsible for supply, installation and maintenance of meters to RE generating projects. Electricity shall install bidirectional meter having facility to record separately import and export measurements. DISCOM shall be responsible for sealing, meter reading and billing. DISCOM shall, clearly show energy generated from RE and energy exported to the grid on Energy Bill of consumers.

11.2 All project connected at 11 KV and above shall provide facility for online monitoring to SLDC, Daman.

a. The DISCOM shall allow installation of Solar Power Projects in its area of supply on nondiscriminatory and first come - first serve basis. In the interest of average cost of electricity purchase that impacts the Consumer tariffs, the proposals with subsidy (Central + U.T.) will be given higher preference.

b. For settlement of power generation from net-metering plants, at the end of each billing cycle, the DISCOM shall take readings of solar generation meter and readings of imported and exported energy as recorded the bidirectional meter. The Prosumer will be presented a bill for the difference between imported and exported energy (the net-imported energy). If during a billing cycle exported energy exceeds imported energy, the export surplus will be carried over to the next billing cycle. Commercial settlement

period shall be 1st April to 30th Sept and 1st Oct to 31st March. At the end of the settlement period DISCOM shall prepare final settlement statement. In case of net exported energy at the end of settlement period, DISCOM shall settle the exported energy by crediting consumer at the applicable tariff rate as per JERC tariff order.

- c. Excess energy exported to the grid (measured in kWh) can only be utilized to offset the electricity consumption (measured in kWh) and not for adjustment of any other fees or charges levied by the DISCOM.
- d. Rules, regulations and terms of service applicable to Consumers of the DISCOM for the applicable class or category of service connection including but not limited to the consumption tariff, payment terms, contracted load or demand, load surcharge, peak load restrictions and security deposit, shall also be applicable to an electrical service connection with a Prosumer Solar Power project.
- e. A Prosumer or a producer of Solar Power shall be exempted from charges in respect of electricity banking, wheeling, line losses and cross subsidy to the extent of Energy produced.
- f. In case of any contingency / emergency / unavoidable circumstances, DISCOM in consultation with Electricity Department shall have rights to select the prosumer to disconnect installation from the grid and disallow any injection.

12. Target of Policy

- 12.1 U.T. Administration of Dadra and Nagar Haveli and Daman & Diu sets ambitious target to achieve 500MW solar power generation and fulfilling the Vision 2047. Application shall be accepted round the year till fulfillment of the target capacity. The applications shall be accepted in first cum first served basis.
- 12.2 All government buildings shall be covered with rooftop solar power plants within six (6) months from the notification of the policy. Nodal agency shall carryout survey of potential within 6 month from notification of this policy.
- 12.3 All upcoming HT/EHT industries and extension of contract demand shall install solar PV project of at least 5 % the contract demand. DISCOM shall not release said connections or extension of contract demand, in case, solar PV project is not installed
- 12.4 All High-rise / Mid-rise buildings (above 4 floors)/Resident Welfare Association/Group Housing Societies shall install solar roof top for common facilities.

12.5 Such projects shall be either rooftop or ground mounted type and preferably within U.T. In case wherein, roof / land is not available within U.T. for installation of solar plants, obligated entity may install solar plants outside U.T. All such cases will be dealt on case to case basis.

13. Commercial Settlement

13.1 Commercial Date of Operational (COD) for the plant shall be notified by Electricity Department for each project after due approval / inspection of the plant.

13.2 The power generated by all plants implemented under this policy shall be purchased by DISCOM for the period of 25 years from the date of scheduled delivery date or COD whichever is later.

14. Sale of Energy

14.1 Energy generated from solar power projects that are commissioned during this policy period may be sold to DISCOM or any other consumer / utility within or outside the U.T. All plants set under this policy will have to get registered and complete necessary formalities with the nodal agency.

15. Incentives

A) Open Access charges

If open access is granted to developer/beneficiary, they shall be exempted from open access restriction and associated charges.

B) Capital Financial Assistance

15.1 U.T. Administration of Dadra and Nagar Haveli and Daman & Diu through Electricity Department, shall provide subsidy to registered domestic / housing societies for installation of solar PV projects. The subsidy will be in addition to the MNRE subsidy. The amount of subsidy shall be decided from time to time by the UT Administration of DNH & DD.

15.2 Capital Financial Assistance shall be available, provided that, the plant shall be located within U.T. only. Further, no incentive shall be provided to the plant having capacity of more than 10 KW at single location.

15.3 After commissioning of solar PV plant, the applicant can avail subsidy by uploading required documents in National Portal.

15.4 Subsidy from UT Administration shall be released directly to the applicant immediately on completion of installation of RTS after observing satisfactory operation of the plant.

15.5 Computation will be decided by UT of DNH & DD from time to time.

C) Solar Power Evacuation

Electricity Department / DISCOM shall facilitate evacuation of solar power in following manner,

- LT: from metering point onwards (through net-metering)
- HT/EHT: from pooling substation (nearby 66/11 or 220/66 KV substation)
- Plant located outside U.T.: 220 KV substations of Electricity Department.

16. Taxes and Duties

The tariff determined under JERC Regulation regarding solar energy (amended from time to time) shall be exclusive of taxes and duties as may be levied by the appropriate Government for sale of Solar Power, provided that the taxes and duties levied by the appropriate Government shall be allowed as pass through on actual basis.

17. Amendment to Policy

The policy shall abide by applicable JERC Regulations as amended from time to time. Electricity Department shall amend or issue corrigendum or redeclare policy as and when required. Notwithstanding anything directly or indirectly mentioned in the policy, all modifications / amendments / shall be approved by Honb'le Administrator of Dadra and Nagar Haveli and Daman & Diu.

By order and in the name of the
Administrator of DNH & DD

Sd/-
(Shivam Teotia)
Joint Secretary (Power)
DNH & DD.
