



**GOVERNMENT OF ODISHA
ENERGY DEPARTMENT**

RESOLUTION

No. 11757 /En. Dated 30.11.2022
ENG-HYD-HYDRO-0009-2022

Subject: Odisha Renewable Energy Policy, 2022

Section A: Introduction

Preamble

Climate change is the most pressing issue of present times. Mitigating the risks of climate change requires urgent action at all levels and there is a need for concerted efforts to support the global action against climate change. Decarbonisation of the energy sector will be a key component of our actions for climate protection.

This Policy envisions to establish a robust framework that can enable Odisha to undertake an inclusive journey towards energy transition through higher adoption of renewable energy (RE) in our power system. Apart from power sector, it is also required to have parallel and concerted measures around electric mobility, green buildings, low carbon or carbon-free agricultural practices, industrial & mining activities .

Odisha is endowed with vast and largely untapped renewable energy potential. Although the techno-commercial viability of the entire potential capacity needs to be ascertained, a large part of the potential can be brought to life with proper technology, Policy and Regulatory framework and market mechanism. With RE becoming commercially viable and growing trend towards adoption of low carbon and sustainable ways of development, citizens and businesses are now focused on RE to meet their energy needs.

As per the Nationally Determined Contribution (NDC) submitted to United Nations Framework Convention on Climate Change (UNFCCC), India stands committed to reduce Emissions Intensity of its GDP by 45 percent by 2030, from 2005 level and generate about 50 percent of electricity from non-fossil sources by 2030.

Odisha is among the leading industrialised states in the country and a continuous increase in energy demand from all sectors is expected in the years to come. There is clear demand for RE from the DISCOMs and the industries due to RPO and Net Zero commitments. It is desirable that these obligated entities meet most of their RE requirement from projects developed inside the State. Hence, the Government has formulated a new RE Policy to facilitate development of commercially viable projects across multiple RE technologies within the State both for captive and open access consumption.

The Government through this Policy aims to encourage State sector power utilities to foray into RE development in multiple technologies, apart from enabling participation from private sector and Central PSUs.

As Industries and Governments embark upon the journey of energy transition, it is essential to ensure that the transition is 'just'. Proper training will be required for the youth and working population to take up jobs in RE sector. The Policy aims to create skilled and semi-skilled manpower for the RE sector.

With this primary objective to create an enabling environment for harnessing maximum potential of Renewable Energy in the State through Government, private sector and individual efforts, the Odisha Renewable Energy Policy 2022 has been developed.

1. Vision

To harness the renewable energy (RE) potential of Odisha and accelerate investment in the RE sector for ensuring energy security, promoting socio-economic growth and protecting the environment.

2. Objectives

The Policy aims to achieve following objectives: -

- A. To accelerate adoption of clean energy alternatives and decarbonize the energy sector which includes both grid-based electricity consumption and captive consumption of industrial consumers in the State
- B. To harness the clean energy potential of the State and make best use of the available resources by facilitating development of green energy projects in the State
- C. To attract investment in the clean energy sector, create job opportunities and develop the State economy
- D. To facilitate R&D and promote new initiatives & emerging RE technologies in the State

3. Legal Framework

The legal basis for this Policy *inter alia* includes the following:

1. The Electricity Act, 2003 (" the Act") & the Rules made thereunder.

Section 86(1)(e) of the Act mandates State Electricity Regulatory Commissions (SERCs) to promote generation of electricity from renewable sources of energy.

2. Tariff Policy notified by Ministry of Power, Government of India.

4. Policy period

The Policy shall come into operation with effect from the date of its publication in the Official Gazette of the State and shall remain in force till 31st March 2030 or until a new policy is announced by the State Government.

This Policy will be evaluated on regular basis to assess its impact, and to ensure inclusion of any new RE technology/guidelines of Government of India (GoI)/Government of Odisha (GoO) that may evolve during the Policy period.

The Government of Odisha may amend/modify/ review this Policy as and when deemed necessary.

5. Scope of the Policy

- A. All large hydro, small hydro, ground mounted solar, roof top solar, floating solar, canal top solar, wind, biomass, energy storage (including pumped storage hydro, battery energy storage system), waste-to-energy, green hydrogen/green ammonia projects or any other renewable energy technology and new initiatives/ pilot projects commissioned in the State of Odisha during the Policy period shall be guided by this Policy.
- B. Any individual or company or body corporate or association or society or body of individuals, whether incorporated or not, shall be eligible for setting up Renewable Energy (RE) projects, either for the purpose of captive use and/or for selling of electricity to the distribution licensee or third party including under the Renewable Energy Certificate (REC) mechanism subject to provisions of this Policy and in accordance with the Electricity Act 2003, as amended from time to time and the Rules made thereafter.
- C. The benefits under this Policy shall not be applicable to projects sanctioned prior to the date of notification of this Policy or which is commissioned post the policy period. This Policy also does not cover the projects for which PPAs have already been signed.

6. Project Facilitation

- 1. The Government of Odisha through the Nodal Agency shall provide a single window facility for approval of all RE projects in the State. The Nodal Agency shall facilitate approval/allotment of all RE projects in a time-bound manner.
- 2. The Nodal Agency shall assist the project developer in obtaining the consents, clearances, and permits, by providing letters of recommendation to

the concerned authorities, as may be requested by the project developer. However, the Nodal Agency shall not be accountable for any delays in obtaining the consents, clearances, and permits required for development of RE projects. It is the responsibility of the developer to acquire all statutory clearances required for the project development.

3. Captive RE projects shall be provided approvals in fast-track mode.
4. All Government of India incentives under MNRE (or any others), such as Central Financial Assistance, VGF, etc. as applicable shall be extended to the project developer and the Nodal Agency shall facilitate seamless transfer of all Central Government benefits.

7. Definitions:

The definitions provided in the Electricity Act, 2003, the Odisha Electricity Reforms Act, 1995, the Odisha Electricity (Duty) Act, 1961 and the Rules made under these acts, various policies of Ministry of New and Renewable Energy (MNRE) and Odisha Renewable Energy Policy, 2016 shall apply to this Policy.

Section B: General framework for identification and award of all RE Projects

8. Mode of Implementation of RE projects

After notification of this Policy, the Nodal Agency shall solicit Pre-Feasibility Report (PFR) of Large Hydro, Pumped Storage Hydro, Small Hydro, Floating Solar and Solar Park / Non park solar projects already identified by the SPSUs/any other entity of the State Government. All entities shall submit the PFR for the identified site/project to the Nodal Agency within 1 (one) month of solicitation post notification of this policy. If found to be satisfactory, the Nodal Agency shall register such projects as an identified project and shall publish the list of all such projects within 3 (three) months of notification of this Policy. The Nodal Agency / SPSUs / any other entity of the State Government shall continue to identify feasible sites/projects across all technologies, conduct pre-feasibility studies and register the project/sites as identified projects on an ongoing basis.