

Bihar Policy for Promotion of New & Renewable Energy Sources 2017

Sl. No.	Description	Summary
1.	Operative Period	5-Years (upto 2022)
2.	Grid Connected Solar Rooftop	<ol style="list-style-type: none"> 1. The policy sets an ambitious target of 2969 MW of grid connected solar in the state, with a special provision of 1000 MW for rooftop solar PV. 2. Three models are suggested under the policy for implementation of solar rooftop projects in the state, which includes both Gross-metering and Net-metering based solar rooftop projects, and Third-party sale for captive power consumers.
3.	Mini Grids	<ol style="list-style-type: none"> 1. The Bihar Government through this policy targets to achieve 100 MW capacity of mini-grids in unserved areas (villages and hamlets which do not have electricity), and underserved areas (villages with low grid electricity supply) to ensure access of electricity for applications beyond lighting, such as fan, mobile charging, and productive and commercial requirement. 2. Mini-grid projects with capacity size of upto 500 KW and powered through solar, biomass, wind and hybrid can be installed.
4.	Small Hydro	<ol style="list-style-type: none"> 1. The policy envisages a cumulative target of 220 MW of micro/mini /small hydro projects in the state. 2. The developer company will have to make their own sub-transmission line or can use existing network of distribution company for delivering power to its nearest power sub-station. 3. The project developers may sell power to third parties/captive power users after paying applicable charges to distribution companies/power holding company of the state.
5.	Biomass & Bagasse	<ol style="list-style-type: none"> 1. The policy envisages that biomass and bagasse based cogeneration projects will contribute a cumulative target of 244 MW by 2022. 2. For any project having a capacity of 5 MW or more, BRENDA/SIPB shall not approve any other biomass based project within a radial distance of 25 km from approved project. 3. Development of energy plantation on government waste land and degraded forest land may be allowed for creating supply of supplementary fuel for biomass power plants.
6.	Solar Parks	<p>Solar parks are envisaged to be developed in three modes which are:</p> <ol style="list-style-type: none"> 1. developed by BRENDA, where private players shall be provided with 'plug and play' participation mode; 2. joint venture with which BRENDA or state agencies have minor share of 26% while private entities will be amor partner and 3. fully developed and owned by the State Government.
7.	Canal Top PV/Floating PV	Bihar shall support canal to PV/floating grid connected solar projects to be deployed by 2022.
8.	Transmission and Distribution Charges	<ol style="list-style-type: none"> 1. Transmission and distribution charges shall be exempted for wheeling of power generated from renewable power projects, but only for captive use/third party sale within the state.

		2. The State Government will cover the capital cost of the transmission system for evacuation of power from RE projects to its nearest sub-station which also include all metering and protective instrument.
9.	Banking	Bank of 100% energy from RE project will be allowed for all captive and open access / schedule consumers during each financial year with charges at 2% of the energy delivered at the point of drawing.
10.	Land	It is the responsibility of the project developers to acquire land for setting up the project. However, BREDA shall also create a "Land Information Bank" for each district which shall be made accessible online on BREDA's website.
11.	Scheduling	The electricity generated from RE sources will be exempted under the scheduling procedure for the state's availability based tariff (ABT).
12.	Bihar Renewable Energy Development Fund	<ol style="list-style-type: none"> 1. The fund will be created by one time fee form various types of renewable energy projects depending on their size. 2. It will be as low as INR 1000 for a 1 kWp system and upto INR 10,000 for a 1 MW project. There will also be a 10 paise/unit cess for the development fund on each unit of power sold by the DISCOM to all the consumers, except BPL and agriculture consumers. 3. A service charge of 7% will be charged by BREDA for the execution of the RE projects, which will also go directly into the development corpus.