

**Policy for Promoting Generation of Electricity through
Renewable Energy Sources, Haryana,
Dated: 23.11.2005 with amendment
Dated: 19.06.2008, 29.03.2010**

Sl. No.	Description	Summary
1.	Nodal Agency	HAREDA- Haryana Renewable Energy Development Agency
2.	Objective	To create conditions conducive for the involvement of private sector or public – private sector participation in Renewable Energy Sources based power projects in the State.
3.	Target	The State Govt. aims to achieve a minimum of 10%(i.e. 500 MW) of the total capacity addition of 5000 MW of conventional power to be generated through Renewable Energy Power Projects by 2012 as per Ministry of Non-conventional Energy Sources, Govt. of India's policy .
4.	Power Generation from Biomass	A potential of generation of 1400 MW of power through biomass exists in the State. The State Govt. is committed to exploit this potential.
5.	Power Generation through Bagasse Co-generation	To harness the potential of cogeneration in cooperative / private sector sugar mills which is estimated to be 100 to 150 MW.
6.	Power Generation through small hydro power projects	To harness 45 MW of power which can be generated through the water falls available at various locations in canals of the State.
7.	Municipal Solid Waste	The daily availability of Municipal Solid Waste in cities like Faridabad, Gurgaon, Ambala, Sirsa, Yamunanagar, Panipat, Rohtak, Bhiwani, Sonapat, Hisar is between 120 metric tonnes to 600 metric tonnes. Waste to energy power plants or fuel palletisation plants based on Municipal Garbage can be set up in these cities to generate about 17MW of power.
8.	Solar Energy	The solar insolation level in the State is in the range of 5.5 KWH to 6.5 KWH per sq.mtr. of area and the State has about 320 clear sunny days in a year.
9.	Wind Energy	Sufficient untapped wind energy power potential is available in the State specifically in the Morni hill area of Distt.Panchkula and Aravelli Hills in Southern Haryana. Wind Monitoring Stations are being set up in Panchkula, Gurgaon and Mahendergarh districts to assess the available wind potential for power generation in the State.
10.	Operative Period	The scheme of promotional and fiscal incentives as contained herein will come into operation with the date of its notification in the official gazette and will remain in force till a new policy is notified.
11.	Eligible Producers	Those who intend to generate electricity from Non-conventional Energy Sources such as Solar, Wind-Electric Generators, Biomass Combustion, Cogeneration, Municipal and Industrial Waste, Small Hydro (upto 25 MW) and New Technologies like Bio-oil, Fuel Cell etc. There will be no restriction on generation capacity or supply of electricity to the grid.

12.	Grid Interfacing	<ol style="list-style-type: none"> 1. In case of co-generation/ captive power generation two sets of separate meters will be installed, one for export of power and other for import of power. 2. Capacitors of sufficient rating will also be provided in the equipment to ensure that the power factor is always maintained above 0.8. 3. There shall be no restriction on the generation capacity of the project
13.	Wheeling Charges	As per HERC.
14.	Banking	<ol style="list-style-type: none"> 1. The banking facility shall be allowed for a period of one year by the Licensee/ Utilities free of cost. However, withdrawal of banked power should be allowed only during non-peak hours. 2. If the banked energy is not utilized within a period of twelve months from the date of power banked with the concerned power utilities/ licensee, it will automatically lapse and no charges shall be paid in lieu of such power.
15.	Electricity Duty	Exempted
16.	Water Charges	Producer will be allowed to use the water for power generation through micro/ mini/ small hydel plants. No royalty will be charged on the water used for power generation for non-consumptive use.
17.	Local Area Development Tax	Local Area Development Tax will be exempted on plant, machinery, equipment that has been capitalized in view of the provisions of section 5(f) of Haryana Act No.13 of 2000.
18.	Tenure for PPA	20-Years OR more depending on the plant's life.
19.	Land	<ol style="list-style-type: none"> 1. The State Govt. will acquire land if necessary at the cost of Independent Power Producers (IPP) if a request to that effect is made. 2. Setting up of Renewable Energy Power Projects in the State will be permitted by the Town & Country Planning Department without levying of Change of land use charges, External Development Charges, Scrutiny Fee and Infrastructure Development Charges.