

Haryana Solar Power Policy, 2016, Dated: 14.03.2016 with amendment Dated: 08.03.2019

Sl. No.	Description	Summary
1.	Control/Review Period	5- Yrs
2.	Objectives	<ul style="list-style-type: none"> ➤ To promote generation of green and clean power in the State using solar energy. ➤ To create conditions conducive to the participation of private and public sector as well as PPP in the promotion and setting up of up Solar Energy based power projects in the State. ➤ Productive use of wastelands / non - agricultural lands thereby leading to socioeconomic transformation and a reduction in regional disparities in development. ➤ Employment generation and skill up gradation of the youth. ➤ To put in place an appropriate investment climate that would leverage the benefits of Clean Development Mechanism (CDM) and result in lower Green House Gas (GHG) emissions. ➤ Co-creation of Solar Centres of Excellence and pools of technical professionals which would work towards applied research and commercialization of indigenous and cutting edge technologies involving applications of solar energy generation and appliances. Spreading of environmental consciousness among all citizens of the State especially the youth and school going children. Decentralization and diversification of the energy portfolio and to increase the share of renewable solar power.
3.	Target	3200 MW by the year 2021-22.
4.	RPO	<p>Solar Renewable Energy Purchase Obligation</p> <p>The Regulatory Commission of Haryana so far has prescribed the Solar RPO of 3% by the year 2021-22.</p>
5.	Ground mounted megawatt scale power plants	Solar power projects shall be set up by the independent power producers (IPP) for which Haryana Power Purchase Centre (HPPC) shall invite bids through open competitive bidding tenders. The Independent Power producers shall meet with all the requirements, as per the State Grid Code, for setting up their projects.
6.	Capacity Reservation	<ol style="list-style-type: none"> 1. The HPPC will float the tenders from time to time for inviting bids for purchase of solar power. Each bid shall be comprised of the power required to be purchased for fulfilling the RPO plus 20% additional power for allocation to the small generators of 1 MW to 2 MW capacity. 2. HPPC will purchase solar power over and above the RPO obligation subject to a limit of 200 MW. 3. A price preference of 2% will be given to the solar power generators of 1 MW to 2 MW capacity who set up their plants within the territory of Haryana State as compared with the solar power plants who supply power from the plants located outside the territory of Haryana.
7.	Panchayat Land on Lease /Rent basis	The Government of Haryana will facilitate the lease/sub-lease of Panchayat land at reasonable rates through SUN Haryana (Saur Urja Nigam Haryana) or directly through Panchayat (as per prevailing Govt. Policy) for setting up of Solar Power Projects for minimum period of 30 years.

8.	Rooftop Grid connected / off-grid solar power projects	Accordingly the installation of 1 kWp to 1 MWp of capacity Grid connected & up to 50 kWp of capacity off-grid Solar roof-top Power Plants on the rooftops of Industries, Public and Private Institutes, Schools, Colleges, Commercial& Social Institutions/Establishments, Charitable Trust Bhawans, Hospitals and Residential Buildings etc. shall be promoted for their captive use/net meter as per the State Govt. Regulation.
9.	Cluster of rooftops of public / private buildings	<ol style="list-style-type: none"> 1. The commission shall be invited by Renewable Energy Department, Haryana/HAREDA from the independent power producers for development of grid connected rooftop solar power plants, of capacity ranging from 250 kWp to 1 MW, on a cluster of public private buildings on the last lowest tariff discovered and conveyed by HPPC. 2. All maximum and extra benefits possible will be extended to Roof Top Solar Power Producers. 3. No permission is required from the building plan sanctioning authority for setting up of rooftop solar power plants. These Rooftop Solar Power Plants shall also be eligible for RPO/REC benefits.
10.	Power Evacuation	For Rooftop grid connected SPV system, installed for captive use or sale of power to power utilities/third party sale through open access, all arrangements for power evacuation i.e. voltage step up, synchronizing equipments, metering shall be done by the user as per the technical specifications, guidelines and regulation issued by HERC.
11.	Application Fee	For Roof top grid connected solar power plant installed for captive use, under net-metering regulations, there shall be no processing fee.
12.	Power Evacuation Facility	All expenses for power evacuation, Transmission, distribution line and synchronizing equipment required for installation will be as per the orders of the Haryana Electricity Regulatory Commission for Electricity on Renewable energy Tariff & other issues, as modified from time to time.
13.	Wheeling, Transmission, cross subsidy charge and additional surcharges	<ol style="list-style-type: none"> 1. Wheeling and Transmission Charges will be exempted for ten years from the date of commissioning for all Captive Solar Power Projects which have submitted applications to Haryana Renewable Energy Development Agency (HAREDA) for registration of project, purchased land or have taken land on lease for thirty years and have bought equipments& machinery or invested atleast Rs. one crore per Mega Watt for purchase of equipments& machinery for setting up of such Captive Solar Power Projects till 13th February, 2019, while cross subsidy surcharges and additional surcharges are not applicable for Captive Solar Power Projects as per provisions of Electricity Act 2003. 2. No waiver of wheeling and transmission charges, cross subsidy surcharges and additional surcharges shall be given to solar power Projects set up for third party sale. 3. Banking will be provided for captive/ third party solar generation projects. However, banking charges shall be applicable as per RE Regulations 2017 with amendments from time to time.
14.	Banking	The banking facility shall be allowed for the grid connected rooftop solar power projects on the same pattern as per MW scale projects.
15.	Renewable Energy Certificate	A generating company engaged in generation of electricity from Solar Power Plant shall be eligible to avail the Renewable Energy Certificates as per regulations of the Central Electricity Regulatory Commission.
16.	Environment Clearance	Exempted

17.	Land use approval, External Development Charges, scrutiny fee and infrastructure development charges	<ol style="list-style-type: none"> 1. These projects of MW scale shall not require any change of Land Use approval from Town & Country Planning Department. 2. The project shall also be exempted from External Development Charges (EDC), scrutiny fee and infrastructure development charges but if special service is required for the solar project then EDC charges shall be charged on pro-rata basis. 3. The details of such projects will be intimated to the Town & Country Planning Department.
18.	Clearance from Forest Department	Wherever not expressly prohibited and wherever possible, if clearance from Forest Department, Haryana under their Act/Notification is required the same will be facilitated by single window authority clearance agency of the Renewable Energy Department.
19.	Stamp Duty for lease of land for projects	These projects of MW scale shall be provided 100% exemption from payment of fee and stamp duty charges for registration of rent/lease deed for the land required for setting up of these projects.
20.	Metering	<ol style="list-style-type: none"> 1. Metering equipments for the power generation & its sale will be installed at site by the user at their own cost as per specification of Power Utilities of State/ HERC Grid Code/ Central Electricity Authority (Installation and Operation of meters) Regulations, 2006 and its subsequent amendments. 2. The testing of these equipments will be carried out by Power utilities, at the user's cost. Power utilities will develop necessary infrastructure at locations where more than one project is installed. 3. Metering of the power produced shall be done at substation of the Nigam/DISCOM.
21.	PPA Tenure	Tenure of Power Purchase Agreement-25 Yrs
22.	Earnest Money Deposit	For grid connected solar power projects, installed for sale of power, the application shall be accompanied with the Earnest Money Deposit (EMD) of Rs.2.00 lacs per MW (Rs.200/- per KW) in the shape of demand draft, which shall be refunded after signing of PPA.
23.	Minimum Equity to be held by the Promoter	<ul style="list-style-type: none"> ➤ The project developer may be individual/company/firm/group of companies or a Joint venture/Consortium of maximum 4 partners having minimum 51% share holding of leading partner. ➤ Only new plant and machinery shall be allowed under this policy.
24.	Mandatory installation of Solar power plants	The State Govt. has mandated installation of solar power plant of 3% to 5% of connected load for categories of all residential buildings built on a plot size of 500 Square Yards and above, all government and private Educational Institutes, Schools, Colleges, Hostels, Technical/Vocational Education Institutes, Universities, Offices having connected load of 30 Kilo Watt (KW) and above all private Hospitals and Nursing Homes, Industrial Establishments, Commercial Establishments, Malls, Hotels, Motels, Banquet Halls and Tourism Complexes, having connected load of 50 Kilo Watt (KW) and above, all new Housing Complexes, developed by Group Housing Societies, Builders, Housing Boards, on a plot size of 0.5 Acre and above and all water lifting stations of Irrigation Department.
26.	Net Metering Facility	The electricity generated from Net Metering systems shall be cumulatively adjusted at 90% of the electricity consumption during the financial year. In addition, during the FY 2015-16 an incentive @ 25 paise per unit shall also be provided in their bills on the solar power thus generated.

27.	Lease of Government buildings/Land	<ol style="list-style-type: none">1. The rooftop space available in the Government organization, institutions, buildings or vacant land of the same can also be provided on lease/rent to the Independent Power Producer/ RESCO developer for setting up of solar power projects.2. For such sites the lease/rent rate shall be decided by a Committee of Deputy Commissioner of concerned district, PWD (B&R) Department and the Department owning the building.
28.	Nodal Agency	Haryana Renewable Energy Development Agency (HAREDA)