

# Rajasthan Wind and Hybrid Energy Policy 2019

## HIGHLIGHTS

<b>Nodal Agency</b>	Rajasthan Renewable Energy Corporation Limited (RREC)	
<b>Targets</b>	<b>Particulars</b>	<b>Capacity</b>
	Hybridisation of existing Wind/Solar plants	200 MW
	New Wind-Solar Hybrid Projects	2000 MW
	Wind-Solar Hybrid with storage systems	500 MW
	Hybridisation of existing Conventional plants	800 MW
	Target to be achieved before FY 2024-25	
<b>Wind Power Project</b>	<ul style="list-style-type: none"> <li>• Sale of power to DISCOM/RUVNL using competitive bidding mechanism facility to power developer.</li> <li>• Power developer is eligible for sale of non-solar certificate.</li> <li>• For captive use, power plant capacity cannot exceed contract demand. In case of third party sale by power plant, the capacity cap is removed.</li> </ul>	
<b>Wind Power Plant with Storage</b>	<ul style="list-style-type: none"> <li>• DISCOM will purchase a minimum 5% of RPO target (in terms of capacity MW) from wind storage project.</li> <li>• Minimum capacity of storage system must be half of installed capacity of the wind project.</li> </ul>	
<b>Repowering of Wind Power Project</b>	<ul style="list-style-type: none"> <li>• Repowering of plants more than 10 years of age.</li> <li>• After repowering, the power generated, equivalent to average of the last 3 years, will be procured according to PPA, and the additional power will be purchased at the competitive bidding rate.</li> <li>• Load flow study will be provided by DISCOM/RVFN.</li> </ul>	
<b>Third Party/Captive use</b>	<ul style="list-style-type: none"> <li>• For captive use and third party sale, agreement for wheeling and banking must be signed with DISCOM.</li> <li>• For transmission, agreement with RVFN is required.</li> </ul>	

<b>Allotment/Procurement of Land</b>	<p><u>Government Land</u></p> <ul style="list-style-type: none"> <li>• Allotment will be made as per Rajasthan Land Revenue (Allotment of land for setting of power plant based on RE sources) Rules 2007, as amended from time to time.</li> <li>• Land will be allotted against security deposit of Rs.1 Lakh/MW in favour of RREC.</li> <li>• Security deposit will be forfeited in case the allotted land is not used within the specified period as mentioned in the allotment rules.</li> </ul> <p><u>Private Land</u></p> <ul style="list-style-type: none"> <li>• Developers will be allowed to set up hybrid power plants on private agricultural land without requiring land conversion.</li> <li>• Developers will also be used to acquire/hold private land in excess of ceiling limits from title holders for setting up of hybrid power plant.</li> <li>• Stamp duty on land used for hybrid power plant will be twice that for agricultural land in the same area.</li> </ul>				
<b>Registration of Wind Power Project</b>	<ul style="list-style-type: none"> <li>• Developers and power producers need to pay the following charges:</li> </ul> <table border="1" data-bbox="629 608 1234 708"> <tr> <td>For projects</td> <td>Rs.50,000/MW</td> </tr> <tr> <td>For projects <math>\geq</math> 100 MW</td> <td>Rs.5 million/project</td> </tr> </table> <ul style="list-style-type: none"> <li>• GST and other charges will be applicable. Registration will not confer rights to the applicant.</li> <li>• Developer/power producer can transfer registration or part thereof to 'holding', 'subsidiary', 'fellow subsidiary' and 'ultimate holding' company with permission from RREC.</li> </ul>	For projects	Rs.50,000/MW	For projects $\geq$ 100 MW	Rs.5 million/project
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<b>In-Principle Clearance</b>	<p>Project clearance is based on Committee examining:</p> <ul style="list-style-type: none"> <li>• Detailed project report.</li> <li>• Financial capability of the power producer.</li> <li>• Availability of power evacuation system for proposed project.</li> <li>• PPA agreement between energy producer and consumer.</li> </ul>				

## OTHER PROVISIONS

Incentives to Wind Equipment Manufacturers	<ul style="list-style-type: none"> <li>• Land allotted at 50% concession.</li> <li>• Full exemption on stamp duty and electricity duty.</li> <li>• SGST subsidy and employment subsidy.</li> </ul>
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Hybridisation of Thermal Power Plant	<ul style="list-style-type: none"> <li>• Setting up of RE plants will be permitted.</li> <li>• Power from RE plants can be used to meet scheduled generation of thermal power plant.</li> <li>• Any gain from sale of RE power must be shared with DISCOM.</li> </ul>										
Registration Fees	<table border="1"> <thead> <tr> <th data-bbox="627 248 1025 300">Project Capacity</th> <th data-bbox="1025 248 1384 300">Fees</th> </tr> </thead> <tbody> <tr> <td data-bbox="627 300 1025 347">Less than 10 MW</td> <td data-bbox="1025 300 1384 347">Rs.5000/MW</td> </tr> <tr> <td data-bbox="627 347 1025 395">From 10 MW up to ≤ 50 MW</td> <td data-bbox="1025 347 1384 395">Rs.0.5 million</td> </tr> <tr> <td data-bbox="627 395 1025 443">From 50 MW up to 100 MW</td> <td data-bbox="1025 395 1384 443">Rs.1 million</td> </tr> <tr> <td data-bbox="627 443 1025 499">Over 100 MW</td> <td data-bbox="1025 443 1384 499">Rs.3 million</td> </tr> </tbody> </table>	Project Capacity	Fees	Less than 10 MW	Rs.5000/MW	From 10 MW up to ≤ 50 MW	Rs.0.5 million	From 50 MW up to 100 MW	Rs.1 million	Over 100 MW	Rs.3 million
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Allotment of Land for Wind-Solar Hybrid plants	<table border="1"> <thead> <tr> <th data-bbox="627 520 1041 568">Technology</th> <th data-bbox="1041 520 1288 568">Maximum Area</th> </tr> </thead> <tbody> <tr> <td data-bbox="627 568 1041 616">SPV on crystalline technology</td> <td data-bbox="1041 568 1288 616">3 hectare/MW</td> </tr> <tr> <td data-bbox="627 616 1041 663">SPV with tracker</td> <td data-bbox="1041 616 1288 663">3.5 hectare/MW</td> </tr> <tr> <td data-bbox="627 663 1041 711">SPV with thin film/amorphous</td> <td data-bbox="1041 663 1288 711">3.5 hectare/MW</td> </tr> </tbody> </table>	Technology	Maximum Area	SPV on crystalline technology	3 hectare/MW	SPV with tracker	3.5 hectare/MW	SPV with thin film/amorphous	3.5 hectare/MW		
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Rajasthan Renewable Energy Development Fund	<ul style="list-style-type: none"> <li>• Specified charges will be paid by the producer for up-gradation and maintenance of grid. Charges will be paid for the entire lifetime of the project. Fees will be paid according to installed solar capacity.</li> </ul> <table border="1"> <tbody> <tr> <td data-bbox="627 807 1339 855">Projects commissioned up to 31.03.2024</td> <td data-bbox="1339 807 1666 855">Rs.0.2 million/MW/year</td> </tr> <tr> <td data-bbox="627 855 1339 903">Project commissioned from 1.4.2024 to 31.03.2025</td> <td data-bbox="1339 855 1666 903">Rs.0.3 million/MW/year</td> </tr> <tr> <td data-bbox="627 903 1339 951">Projects commissioned from 1.4.2025 to 31.03.2026</td> <td data-bbox="1339 903 1666 951">Rs.0.4 million/MW/year</td> </tr> <tr> <td data-bbox="627 951 1339 999">Projects commissioned on/after 1.4.2026</td> <td data-bbox="1339 951 1666 999">Rs.0.5 million/MW/year</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• Bids before commencement of policy will be charged at Rs.0.1million/MW/year.</li> <li>• Contribution is waived off for sale of power to DISCOMs and for captive consumption.</li> </ul>	Projects commissioned up to 31.03.2024	Rs.0.2 million/MW/year	Project commissioned from 1.4.2024 to 31.03.2025	Rs.0.3 million/MW/year	Projects commissioned from 1.4.2025 to 31.03.2026	Rs.0.4 million/MW/year	Projects commissioned on/after 1.4.2026	Rs.0.5 million/MW/year		
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Incentives and Facilities for Captive use or Third Party Sale	<ul style="list-style-type: none"> <li>• Electricity banking facility on yearly basis.</li> <li>• Exemption from electricity duty.</li> <li>• Transmission and wheeling charges: <ul style="list-style-type: none"> <li>- For intra-state. transmission @ 50% <ul style="list-style-type: none"> <li>■ For inter-state, @ 25% of Commission approved charges.</li> </ul> </li> </ul> </li> </ul>										
Agency for Grid Integration and Power Evacuation	Rajasthan Rajya Vidyut Prasaran Nigam Ltd (RVPN) and local distribution company.										
Link	<a href="https://energy.rajasthan.gov.in/content/raj/energy-department/rrecl/en/home.html#">https://energy.rajasthan.gov.in/content/raj/energy-department/rrecl/en/home.html#</a>										