

# Gujarat Wind Power Policy, 2016, Dated: 02.08.2016

Sl. No.	Description	Summary
1.	<b>Nodal Agency</b>	Gujarat Energy Developer Agency (GEDA)
2.	<b>Operative Period</b>	<ol style="list-style-type: none"> <li>1. This policy will come into effect from the date of G.R. and shall remain in operation for a period up to 31<sup>st</sup> June, 2021.</li> <li>2. The Wind Turbine Generators (WTGs) installed and commissioned during the Operative Period shall become eligible for the benefits and incentives declared under this policy, for a period of 25 years from their date of commissioning or for the lifespan of the WTGs whichever is earlier.</li> </ol>
3.	<b>Eligibility</b>	Any Individual, company or body corporate or association or body of individuals, whether incorporated or not, or artificial juridical person, will be eligible for setting up of WTGs, either for the purpose of captive use or for selling of electricity to obligated entity (ies) i.e. Distribution Licensee or to any other third party.
4.	<b>Eligible Site and Land</b>	The WTGs may be set up at sites notified by Gujarat Energy Development Agency (GEDA) and /or any other sites notified as potential site, within the state by the Nodal Agency or Developer (s).
5.	<b>WTG Installation Capacity for Captive Use</b>	<ol style="list-style-type: none"> <li>1. WTG installed capacity in KW/MW for captive use shall be allowed up to 100% Contracted Demand /Sanctioned Load (in KW/KVA/MVA) of Consumer in case of MSME unit(s) and 50 % of Contracted Demand /Sanctioned Load (in KW/KVA/MVA) of other consumers, consuming power from distribution licensee(s).</li> <li>2. In computing 100%/50% of the Contracted Demand /Sanctioned Load, earlier installed Wind power capacity will also be considered, if already commissioned Wind power capacity before introduction of this Policy is more than 100%/50% of the Contracted Demand /Sanctioned Load, then earlier installed plants will be allowed to continue.</li> </ol>
6.	<b>Land</b>	In case the WTGs are to be set up on GEDA land, the allotment of GEDA land on lease shall be done upon approval of the coordination committee.
7.	<b>Plant and Machinery</b>	Second hand WTGs shall not be eligible for installation under this Policy. Only such WTGs, which are approved by MNRE, Government of India shall be eligible.
8.	<b>Land</b>	In case the WTGs are to be set up on GEDA land, the allotment of GEDA land on lease shall be done upon approval of the Coordination Committee.
9.	<b>Grid Connectivity and Evacuation Facilities</b>	<ol style="list-style-type: none"> <li>1. The evacuation facility from the Wind Farm sub-station to Gujarat Energy Transmission Corporation Limited (GETCO) sub-station shall be erected by developer at their own cost.</li> <li>2. The voltage level for evacuation of wind power in the grid shall be at 66 kV and above in accordance with the GERC Supply Code and amendment thereof.</li> </ol>
10.	<b>Metering &amp; energy Recording</b>	<ol style="list-style-type: none"> <li>1. The metering point shall be at the 66/132/220 kV pooling sub-station located at the Wind farm site and interconnection point shall be the point of connection at the nearest GETCO sub-station.</li> <li>2. For the purpose of energy accounting, the ABT compliant meter shall be installed at the metering point, as per GERC order.</li> <li>3. The electricity generated from the WTGs, shall be metered and readings taken</li> </ol>

		jointly by Wind Power Project Developer with GEDA and GETCO at the metering point, on a monthly basis.
11.	<b>Sale of Electricity to Obligated Entities</b>	Obligated Entities may purchase power from Wind Power Projects to fulfill their RPO at tariff determined by GERC or rate discovered through competitive bidding. The terms and conditions for supply of power shall be as per the Power Purchase Agreement signed between Wind Project Developer and obligated entity.
12.	<b>Wheeling of Electricity (For Captive Consumption)</b>	<ol style="list-style-type: none"> <li>1. Wheeling of power to consumption site at 66 kV voltage level and above Wheeling of electricity generated from Wind Power Project to the desired location(s) within the State shall be allowed on payment of transmission charges and transmission losses applicable to normal Open Access Consumer. Wheeling of power to consumption site below 66 kV voltage level:</li> <li>2. In case injection is at 66 kV or above and drawl is at 11 kV, wheeling of electricity generated from Power Project to the desired location(s) within the State, shall be allowed on payment of transmission charges and transmission losses applicable tonormal Open Access Consumer and 50% of wheeling Charges and 50% of Distribution losses of the energy fed to the grid as applicable to normal open access consumers.</li> <li>3. Wheeling for more than one location: Wind Power Project owners, who desire to wheel electricity to more than one location, shall pay 5 paise per unit on energy fed in the grid to the Distribution Company concerned in whose area power is consumed in addition to above mentioned transmission/ wheelingcharges and losses, as applicable.</li> </ol> <p><b>For third party sale</b></p> <ol style="list-style-type: none"> <li>1. Wheeling of power for third party from Wind Power Project shall be allowed on payment of transmission charges, wheeling Charges &amp; losses of energy fed to the grid, as applicable to normal open access consumers. Set off of wheeled energy at recipient unit(s) shall be carried out in the same 15 minute time block.</li> <li>2. Further, Wind Power Project owners who desire to wheel electricity to more than one location, shall pay 5 paise per unit on energy fed in the grid to the Distribution Company concerned in whose area power is consumed in addition to above mentioned transmission/wheeling charges and losses, as applicable.</li> <li>3. Concession of 50% of Cross Subsidy Surcharge and Additional Surcharge, as applicable to normal open access consumers, shall be given.</li> </ol>
13.	<b>Energy Accounting</b>	<ol style="list-style-type: none"> <li>1. Case:1 <ol style="list-style-type: none"> <li>(a) For net import of power, Distribution Company will charge applicable tariff of respective category to the consumer including fixed/ demand charge, energy charges, peak charge, other charges / penalty etc as applicable to other consumers.</li> <li>(b) Surplus power, after giving set off, shall be purchased by Distribution Company at Average Pooled Power Purchase Cost (APPC) of the year of commissioning of the project. Fixed/ demand charge, peak charge, other charges / penalty etc shall be applicable to as applicable to other consumers.</li> <li>(c) The entire generation shall be considered for fulfilling RPO of Distribution Company.</li> </ol> </li> <li>2. <b>Case 2:</b> If the Consumer takes renewable attributes of hydel energy consumed for meeting its RPO, then energy accounting shall be based on 15 minute time block-basis.</li> </ol>

		<p><b>3. Case 3:</b></p> <p>(a) If registered under REC mechanism: Energy accounting shall be based on 15 minute time block-basis.</p> <p>(b) For net import of power, Distribution Company will charge applicable tariff of respective category to the consumer including fixed/ demand charge, energy charges, peak charge, other charges / penalty etc as applicable to other consumers.</p> <p>(c) Surplus power, after giving set off, shall be purchased by Distribution Company at 85% of Average Pooled Power Purchase Cost (APPC) of the year of commissioning of the project. Fixed/ demand charge, peak charge, other charges / penalty etc shall be applicable to as applicable to other consumers.</p>
14.	<b>Concessional Benefits &amp; Exemptions</b>	<ol style="list-style-type: none"> <li>1. Electricity generated and consumed for self consumption/sale to third party within the State shall be exempted from payment of electricity duty.</li> <li>2. Exemption from demand cut to the extent of 50% of installed capacity of Wind Power Project in case of captive consumption and third party sale within the State.</li> </ol>
15.	<b>Projects Under REC Mechanism</b>	Wind Power Projects availing open access for captive use/third-party sale under REC mechanism shall be governed as per CERC REC Regulations.
16.	<b>Renewable Power purchase obligation (RPO)</b>	Obligated Entities may fulfill their RPO by purchasing wind power at the tariff determined by GERC or tariff discovered through competitive bidding process keeping in view the interest of consumers.
17.	<b>Forecasting &amp; Scheduling</b>	These power projects shall give their forecast and energy shall be scheduled for day-to-day operations.
18.	<b>Reactive Power</b>	The drawl of reactive power by wind generator shall be charged as per the GERC Order, as amended from time to time.
19.	<b>Operation &amp; Maintenance</b>	The Operation and Maintenance of dedicated evacuation line shall be carried out at the cost of the Developers of Wind Power Projects as per applicable technical standards and best practices.
20.	<b>CDM Benefits</b>	<ol style="list-style-type: none"> <li>1. In case, DisCom purchase power on Feed-in-Tariff, Clean Development Mechanism (CDM) benefits shall be shared on net proceeds, starting from 100% to power producer in the first year after commissioning, and thereafter reducing by 10% every year till the sharing becomes equal (50:50) between the power producer and the power procurer, in the sixth year. Thereafter, the sharing of CDM benefits shall remain equal till the time that benefit accrues.</li> <li>2. In case of purchase of power by DisCom through competitive bidding, the same shall be as per terms and conditions of bid documents.</li> </ol>
21.	<b>Security Deposit</b>	<ol style="list-style-type: none"> <li>1. The WTGs Developer shall be required to provide Bank Guarantee @ Rs. 5 lacs per MW to GETCO based on allotment of transmission capacity and in case the Developer fails to commission the Wind farm s/s and transmission line within the time period mentioned hereunder, GETCO shall encash the Bank Guarantee.</li> <li>2. the Developer shall commission Wind Farms of at least 10% of the allotted capacity within one month of charging of evacuation line, failing which, the Developer shall be liable to pay long term transmission charges for 10% of allotted capacity till such 10% of allotted capacity is commissioned.</li> </ol>

		<b>Wind Farm Capacity (MW)</b>	<b>Period of Commissioning of the entire allotted Pooling Sub-Station capacity</b>
		1 MW to 100 MW	1.5 yrs. from date of allotment of transmission capacity
		101 MW to 200 MW	2 yrs. from date of allotment of transmission capacity
		201 MW to 400 MW	2.5 yrs. from date of allotment of transmission capacity
		401 MW to 600 MW	3.5 yrs. from date of allotment of transmission capacity