

Gujarat Wind Policy

HIGHLIGHTS

Nodal Agency	Gujarat Energy Development Agency (GEDA)
Applicable Technologies	Wind power
Policy Period	2nd August 2016 - 30th June 2021
Exemptions	Exemption from electricity duty, and from 50% demand cut for captive consumption/sale to third party within the state
Eligibility Conditions	Any individual, company or body corporate, association or body of individuals whether incorporated or not, or artificial juridical person.
Forecasting & Scheduling	Projects shall provide forecasting and scheduled energy for day-to-day operations
Reactive Power	The drawal of reactive power shall be charged as per the GERC Order
RPO	GERC decides category-wise RPO for each source. Obligated entities may fulfill RPO by purchasing wind power at GERC tariff or tariff through competitive bidding process, as per customer's interest

OTHER PROVISIONS

<p>Contracted demand/ sanctioned load</p>	<ul style="list-style-type: none"> • Captive use shall be allowed 100% of contracted demand/sanctioned load in case of MSME units. • 50% of contracted demand/sanctioned load in case of other consumers. However, limit is not applicable if the consumer establishes wind turbines up to 2.7 MW capacity.
<p>Interconnection, Metering point</p>	<ul style="list-style-type: none"> • Metering point shall be the 66/132/220 kV pooling sub-station at the wind farm, interconnection point shall be the point of connection to nearest GETCO sub-station. • For energy accounting, the ABT meter shall be installed at the metering point, as per GERC orders and GETCO technical specifications. • The ABT meters shall be installed by the developer. Readings shall be taken jointly by developer with GEDA and GETCO on a monthly basis.
<p>Evacuation Arrangement</p>	<ul style="list-style-type: none"> • The evacuation from wind farm to GETCO sub-station shall be erected by developers at their own cost. • The voltage level for evacuation of wind power in the grid shall be at 66 kV, as per GERC supply code. • The wind farm should be integrated using Remote Terminal Units (RTUs) by developers at their own cost so that the injection can be monitored on real time basis.

Wheeling of electricity

For Captive Consumption:

- **Wheeling of power to consumption site at 66 kV or higher voltage level** - wheeling to the desired location, within the state shall be allowed on payment of transmission charges and losses as applicable to open access consumers.
- **Wheeling of power to consumption site at below 66 kV voltage level** - In case injection is at 66kV or above and drawal is at 11 kV, wheeling to the desired location, within the state shall be allowed on payment of transmission charges and losses, 50% of wheeling charges and distribution losses of the energy fed into the grid, as applicable to open access consumers.
- **Wheeling for more than one location** - Developers who wheel electricity to more than one location shall pay 5 paise per unit on energy fed to the DISCOM where energy is consumer, in addition, to the above mentioned transmission/wheeling charges, as applicable.

For Third Party sale:

- Wheeling to third party shall be allowed on payment of transmission charges, wheeling charges and losses on the energy fed into the grid, as applicable to open access consumers. Set-off of wheeled energy at recipient unit shall be carried out in the same 15 min time block.
- Developers who wheel electricity to more than one location shall pay 5 paise per unit on energy fed to the DISCOM where energy is consumer, in addition, to the above mentioned transmission/wheeling charges, as applicable.
- Concession of 50% cross subsidy surcharge and additional surcharge is given, as applicable to open access consumers.

Energy accounting

Case 1 - If the consumer does not take renewable attribute of wind energy for meeting its RPO, energy generated from wind shall be set off against consumption during the consumer's billing cycle.

- For net import of power, DISCOM will charge applicable tariff of respective category of consumer including fixed/demand charge, energy charge, peak charge, other charges/penalty, etc., as applicable to other consumers.
- Surplus power, after giving set off, shall be purchased by DISCOM at average pooled power purchase cost of the year of commissioning the project. Fixed/demand charge, energy charge, peak charge, other charges/penalty, etc., shall be as applicable to other consumers.
- The entire generation shall be considered for fulfilling RPO of distribution company.

Case 2 (a) - If the consumer does take renewable attribute of wind energy for meeting its RPO, energy accounting shall be on 15-minute block basis.

- For net import of power, DISCOM will charge applicable tariff of respective category of consumer including fixed/demand charge, energy charge, peak charge, other charges/penalty, etc., as applicable to other consumers.
- Surplus power, after giving set off, shall be purchased by DISCOM at average pooled power purchase cost of the year of commissioning the project. Fixed/demand charge, energy charge, peak charge, other charges/penalty, etc., shall be as applicable to other consumers.
- The surplus energy purchased shall be considered for fulfilling RPO of distribution company.

Case 2 (b) - If registered under REC mechanism and supply within the state, accounting shall be on 15-minute block basis

- For net import of power, DISCOM will charge applicable tariff of respective category of consumer including fixed/demand charge, energy charge, peak charge, other charges/penalty, etc., as applicable to other consumers.
- Surplus power, after giving set off, shall be purchased by DISCOM at the rate of 85% of average pooled power purchase cost of the year of commissioning the project. Fixed/demand charge, energy charge, peak charge, other charges/penalty, etc., shall be as applicable to other consumers.

REC mechanism	<ul style="list-style-type: none"> • Projects availing OA under REC mechanism shall be governed under CERC regulations. • Wheeling to third party shall be allowed on payment of transmission charges, wheeling charges and losses on the energy fed into the grid, as applicable to open access consumers. • Further, cross subsidy surcharge and additional surcharge, as applicable to open access consumers 										
Sharing of CDM benefits	<ul style="list-style-type: none"> • In case DISCOM purchases power on FiT, CDM benefits shall be shared on net proceeds, starting from 100% to developer in the first year after commissioning, reducing 10% every year till sharing becomes 50:50 between producer and procurer every year, till its accrual. • Should the DISCOM purchase power through bidding, the same is applicable as per bid documents. 										
Security deposit	<p>The developer shall provide a bank guarantee @ Rs. 5 lakh per MW to GETCO based on allotment of transmission capacity. If the developer fails to commission the wind farm substation and transmission line within the time period mentioned in the table below, GETCO may encash the bank guarantee.</p> <table border="1" data-bbox="958 754 2112 978"> <thead> <tr> <th data-bbox="958 754 1301 826">Wind Farm Capacity (MW)</th> <th data-bbox="1301 754 2112 826">Period of commissioning entire allotted pooling s/s capacity</th> </tr> </thead> <tbody> <tr> <td data-bbox="958 826 1301 866">1 MW to 100 MW</td> <td data-bbox="1301 826 2112 866">1.5 yrs from date of allotment of transmission capacity</td> </tr> <tr> <td data-bbox="958 866 1301 906">101 MW to 200 MW</td> <td data-bbox="1301 866 2112 906">2 yrs from date of allotment of transmission capacity</td> </tr> <tr> <td data-bbox="958 906 1301 946">201 MW to 400 MW</td> <td data-bbox="1301 906 2112 946">2.5 yrs from date of allotment of transmission capacity</td> </tr> <tr> <td data-bbox="958 946 1301 978">401 MW to 600 MW</td> <td data-bbox="1301 946 2112 978">3.5 yrs from date of allotment of transmission capacity</td> </tr> </tbody> </table> <p>Developer shall commission at least 10% of allotted capacity within one month of charging of evacuation line, failing which he shall be liable to pay the long term transmission charges till such 10% is commissioned.</p>	Wind Farm Capacity (MW)	Period of commissioning entire allotted pooling s/s capacity	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
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Links	https://geda.gujarat.gov.in/policies_state.php										
References	https://geda.gujarat.gov.in/policy_files/Gujarat%20Wind%20Power%20Policy-2016.pdf										