

Guidelines for Development of Wind Farms in Private Lands, Dated: 06.11.2004, Kerala (Part-3)

Dated: 11.05.2007, 22.11.2008, 22.04.2013

Sl. No.	Description	Summary
1.	Objective	This part of the guidelines addresses development of wind farms in private land.
2.	Developer	<ol style="list-style-type: none"> 1. Any individual, company, body corporate, partnership firm, joint venture-whether incorporated or not, artificial judicial person intending to set up wind farm in private land (hereafter referred to as developer) shall obtain technical approval from ANERT. 2. Government will grant permission for any person as defined in Electricity Act 2003, who intends to set up captive generating plants for its own consumption within the State of Kerala, provided that, preference for allotment for setting up wind farms as captive generating plant shall be given to HT/EHT industrial consumers having settled undisputed dues with KSEB/State Utility and any other requisites from the statutory authorities and Local Bodies. 3. As a policy, Government will not allow development of wind farm as CPPs by power intensive units and units which do not strictly adhere to the pollution control standards laid out from time to time.
3.	Infrastructure Development	<ol style="list-style-type: none"> 1. The Developer at their own cost and responsibility shall carry out necessary infrastructure development such as construction of approach roads, improvement to existing roads etc. In addition to that developer shall pay development charge to KSEB/STU. 2. In the case of small developers (Proposing to install WEGs of capacity upto 1 MW), KSEB/STU may permit interconnection to the grid on payment of 50% of the development charges and the balance shall be paid before interconnection, considering the merit of the application. 3. The JDC may be limited to the actual costs involved in drawing the transmission lines and the actual costs of works required in the substation side as per the estimate prepared by KSEB with the flexibility given to the investor to implement the drawing of transmission lines directly by paying the supervision charges to KSEB.
4.	Interconnection permission	<ol style="list-style-type: none"> 1. The application shall contain <ul style="list-style-type: none"> • Technical details of WEGs and their locations. • Proposed evacuation plan including specifications of transformer tie-line, transmission line/sub-transmission line, metering and protective equipment etc. and drawings. • Estimate of implementing the above evacuation plan. 2. Non-refundable application fee of Rs. 20,000/MW shall be paid as Demand Draft in favour of KSEB/STU. 3. The developer shall enter into bulk power supply/wheeling agreement with KSEB/STU/Successor entities of KSEB or other buyers for sale of power. But, power can be sold to other buyers only if KSEB/ Successor entities of KSEB refuses to purchase power.

5.	Evacuation facility	<ol style="list-style-type: none"> 1. KSEB/STU shall develop the evacuation facility according to a master plan prepared in consultation with ANERT to evacuate the total power from each of the potential areas. 2. In case of developers willing to undertake development of evacuation facility, KSEB/STU may permit such requests upon satisfaction of developer's technical and financial qualifications.
6.	Metering	Necessary main and check ABT compatible Special Energy Meters (SEM) of 0.2 accuracy class having import-export registering facility as per applicable IEC/BIS standards shall be installed at the cost of the developer, as per applicable CEA (Installation & Operation of Meters) regulations 2006 with its amendment there upon.
7.	Type Certification	C-WET/MNRE approved machines shall only be given Technical Approval by ANERT. Technical Proposals with machines under type certification can be submitted and in such cases, a conditional Technical Approval may be given. However, installation can be started only after obtaining permission from ANERT producing the type approval/certification from CWET.
8.	Distance between WEGs and Boundary Clearances	<ol style="list-style-type: none"> 1. The minimum distance between any two WEGs (existing and having technical approval) is 5 times the diameter of the rotor (1) in the predominant wind direction and 3 times the diameter of the rotor in a direction perpendicular to the predominant win direction. 2. The distance from the WEG to the boundary of the plot proposed by the developer shall be at least half the rotor diameter plus 5 meters. 3. The site will be inspected by a technical committee constituted by ANERT and its recommendations regarding boundary clearance inter machine spacing etc. accepted by ANERT shall be binding on the developer.
9.	Technical Requirements	<ol style="list-style-type: none"> 1. The developer shall install adequate compensating equipment to maintain power factor more than 0.95 lag. 2. The developer shall pay for the reactive power drawn by the WEGs at the rate decided by KSERC. 3. The developer shall comply with grid code including load dispatch and system operating schedule, metering protection code, safety code etc. and all accepted codes and prudent utility practices as applicable from time to time.
10.	Transferability of Technical Approval	For transferring the technical approval, the developer shall submit a transfer application along with the transferee's undertaking and remit a non-refundable transfer fee of Rs.100,000/- per MW capacity to ANERT. If the transferring unit is below the capacity of IMW the same would be counted as IMW for this purpose.
11.	Carbon Credit	The benefits of carbon credit if any available shall be shared equally between STU/buyer and investor.
12.	Other Conditions	<ol style="list-style-type: none"> 1. The Developer shall pay taxes, duties and other levies to the Central/State Government as per statutes and rules in force. 2. Any remedial/ compensatory measures directed by competent agencies to protect environment or any other activity found necessary by concerned Government Departments/Local Bodies will have to be carried out by the Developer at his own cost. 3. All directions/approvals/rules laid down in the relevant acts/controls/rectifications issued by CEA/CERS/SREB/KSERC or other Government Departments/ Agencies from time to time as adopted by the Government

		<p>shall be binding on the developer.</p> <p>4. In case of dispute, the interpretation of the guidelines by the Government shall be final. In all matters to the extent possible an opportunity will be given to the affected stakeholders.</p>
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