Policy Guidelines for the Development of Wind Power in Kerala through Private Developers,

Dated: 06.11.2004 (Part-1) with amendment Dated: 11.05.2007, 22.11.2008, 22.04.2013

Sl. No.	Description	Summary
1.	**Objective**	This part of the guidelines addresses the development of wind power in Government lands under CPP category through private developers.
2.	**Eligibility**	All HT/EHT industrial consumers of Kerala State Electricity Board (KSEB) with contract demand 500 KVA and above or group of such consumers forming a consortium are eligible to apply for the development of wind projects under CPP category.
3.	**Installed Capacity**	Installed Capacity for the development of Wind Farm for each potential site shall be fixed with a view to harness the optimum generation potential.
4.	**Capacity ceiling for allotment for CPPs**	CPPs (Developer) can undertake wind power projects such that the total installed capacity from the project(s) will not exceed the contract demand of CPP(s) with KSEB / State Transmission Utility (STU) plus the capacity addition required subsequent to proposed expansion/ diversification, being carried out within ten years from the date of allotment.
5.	**BOOT Period**	Government land will be licensed to CPPs on payment of a licensing fee for the development of wind power for a period of 20 (twenty) years from the date of allotment. After this period the land with Wind Energy Generators (WEGs), evacuation arrangements and all other facilities shall be returned back to the Government.
6.	**Development of the Wind Farm**	The Developer should develop the Wind Farm at the full installed capacity as per the approved Technical Proposal. Development in stages will not be allowed. Station should be developed and operated in optimum capacity for achieving optimum utilization.
7.	**Infrastructure Development**	The Developer at their own cost and responsibility shall carry out development of necessary infrastructure facilities such as approach roads, improvements to existing roads etc.
8.	**Transmission, Grid Interface, Metering**	1. The Developer shall construct and maintain the tie lines/ evacuation lines up to the pooling substation, at their own cost. 2. The Developer shall pay 50% of their share towards the cost of establishment of pooling substation and evacuation line from the pooling substation to KSEB substation/ interconnection point, to ANERT at the time of allotment. 3. Balance 50% of the above cost, to be borne initially by ANERT, shall be paid by the Developer on achieving Commercial Operation Date (COD).
9.	**Maintenance**	The maintenance of the project components, equipment and transmission line upto pooling substation shall be carried out by the Developer at his own cost in co-ordination with and as per the directions of KSEB/ STU.
10.	**Metering**	Cost of installing and maintaining the meters, CT, PT, protective equipments etc. including their replacements/ repairs whenever necessary shall be borne by the Developer**.**
11.	**Wheeling**	KSEB/ STU will provide its surplus transmission capacity available with it for wheeling power from the wind generating station to their captive consumption

		end on payment of wheeling charges and other levies as determined by SERC.
12.	**Transmission and Distribution losses**	Transmission and distribution losses for wheeling power will be accounted at the rate determined by SERC.
13.	**Generation Restriction**	1. In extra ordinary circumstances arising out of threat to security of the state, public order or a natural calamity or such circumstances arising out of public interest the Developer shall have to operate and maintain generating station in accordance with the directions of the Government/ State Load Dispatch Centre (SLDC). 2. In case of shut down no claims on account of loss of generation shall be entertained.
14.	**Grid Discipline**	The Developer shall operate as per the instructions of SLDC or other grid control centers established by KSEB/ STU.
15.	**Consumption Restrictions**	1. The Developer shall not be eligible for any exemption from restrictions such as hours of supply, limitations in load, etc. 2. However, the Developer will be eligible for exemption on the share of energy supplied at the consumption end from the captive wind generating station. 3. The CPP shall abide by grid discipline and will not be eligible for any compensation in the event of grid failure, shut down, interruption in power supply etc., resulting in non consumption of generated energy.
16.	**Consumption of energy during periods of non-generation**	In case generation from the wind generating station of the Developer is stopped due to various reasons for a period, energy consumed from the grid will be charged at the rates applicable to the particular category of consumer to which the CPP belongs to.
17.	**Purchase of Power**	1. The purchase will be subject to the energy requirements of the State, grid frequency, other system parameters and financial viability of such purchase. 2. If KSEB is not intending to purchase the excess power from the CPP, then the CPP is permitted to sell the power in excess over their requirement to any other party (consumer(s)/ licensee) at a rate approved by SERC, which shall include applicable surcharge, additional surcharge and/or transmission/ distribution charges. 3. Consumption of Power by the CPP at the point of consumption from grid over and above his captive generation shall be charged at the ruling rates of KSEB applicable to the same category of consumer.
18.	**Technical Requirements**	1. The Developer shall install necessary current limiting devices to maintain a power factor more than 0.95 lag. In cases where the Developer installs WEGs using induction generator, adequate compensating equipments shall be installed to maintain power factor more than 0.95 lag. 2. The Developer shall pay for the reactive power drawal when the voltage at the metering point is below 97%. SERC may decide the charges for reactive energy used by WEGs. 3. WEGs approved by the Centre for Wind Energy Technology (C-WET), MNES with unit capacity of 500KW and above shall only be installed.
19.	**General Conditions**	1. The Developer shall pay taxes, duties and other levies to the Central/ State Government as per statutes and rules in force. 2. Once the land is allotted, no transfer of land other than take over by Government is Allowed Re-allotment will be done for the highest bid for taking over the land with the existing liabilities and payment obligations. 3. All benefits available to CPP(s) shall be limited to the captive consumption requirements of the CPP(s).