

**MADHYA PRADESH ELECTRICITY REGULATORY
COMMISSION
BHOPAL**

Sub: In the matter of establishment of Wind Turbine Generators (WEGs) 17x600 KW = 10.2 MW capacity 'Suzlon' make at Palsodi in the Distt. Ratlam for sale of electricity to M/s M.P.Power Trading Company as per the order of Hon'ble MPERC, dated 21.11.2007..

ORDER

(Passed on this day 21st January 2008)

M/s Ruchi Infrastructure Ltd.,
706 Tulsiani Chambers,
212, Nariman Point, Mumbai - Petitioner

V/s.

M.P. Power Trading Co. Ltd., Jabalpur - Respondent No. 1
M. P. Paschim Kshetra Vidyut Vitaran Co. Ltd., Indore - Respondent No. 2

Shri Ashish Shukla and Shri Ashok Dutta appear on behalf of the Petitioner.

Shri D. K. Ojha, S.E., O/o CMD, (WZ) appears on behalf of M.P. Paschim Kshetra Vidyut Vitaran Co. Ltd., Indore.

2. The petitioner has submitted that this petition is in the matter of establishment of Wind Electricity Generators (WTGs) 17x600 kW totaling 10.2 MW capacity 'SUZLON' make at Village Palsodi in Ratlam district for sale of electricity to M/s M.P.Power Trading Co. as per the order of the Hon'ble MPERC, dated 21.11.2007.

3. The petitioner has made an application to the respondent West DISCOM alongwith request to provide a connectivity to the above mentioned WTGs. The above WTGs shall be ready for commissioning by February 2008. Therefore, the petitioner prays to the Commission that permission may be granted to intall 17x600 WTGs and to connect to the grid for sale of electricity to M/s M.P.Power Trading Co. at the rates declared by the Commission.

4. The respondent, West DISCOM has submitted in its reply that the petitioner has proposed to lay 33 KVA dedicated feeder from the wind farm site at Village Palsodi to 132 KV sub-station at Selena. The respondent has further submitted that the Commission, while deciding the Tariff for

the year 2007-08 has directed that the maximum contract demand permitted on 33 kV will be 10 MVA. The petitioner has requested that this may also be made applicable to the wind farms. The petitioner may be directed to limit the load upto 10 MW only as specified by the Commission in the tariff order dated 30.03.2007.

5. The respondent M.P. Power Trading Co. Ltd, in its reply dated 14 January 2008 has submitted that he is ready to purchase the power generated from the aforesaid petitioner's WEGs at rates, terms and conditions as approved by the Commission vide its order dated 21.11.2007, subject to execution of PPA by the petitioner with the M.P.Power Trading Co. The Model PPA is being prepared by the MP Trading Co. and shall be submitted before the Commission for approval.

6. The petitioner, in response to the West Discom's submission has requested that the 33 kV evacuation system can be sanctioned with conductor size capable of taking 400 AMP load with which calculation of 17.5 AMP /MW works out to 22 MW approximately. Therefore, the power evacuation is possible up to 22 MW with appropriate size of conductor. Moreover, all wind mills do not produce maximum power. In this situation, diversity factor and hence average load factor becomes 70 % of the connected load. The petitioner has further submitted that the contract demand of the 10 MVA in the Tariff order for FY 07-08 is for the users and it should not be applicable for the generators. The petitioner has to ensure that the voltage regulation and the line losses should remain within the permissible limit. Therefore, the petitioner prays to the Commission to direct the DISCOM to allow the petitioner to evacuate the power up to the current carrying capacity to CTs installed at 132 KV sub-station which is normally of 400 / 200 /IAMP.

7. The Commission heard both the parties. Having considered the submissions made by both parties, the Commission is of the view that the objections raised by the West Discom are not sustainable. Maximum contract demand permitted on 33 kV of 10 MVA in the Tariff order for the FY 07-08 is applicable to the consumers. Therefore, the Commission grants permission to the petitioner for sale of electricity generated from the above mentioned petitioner's WTGs 17x600 KW (10.2 MW) located at the village Palsodi, District Ratlam at the rate, terms and conditions declared by the Commission in its order dated 21.11.2007. The Commission directs West Discom to connect the above WTGs to the grid through suitable conductors. The Commission also directs M.P.Power Trading Co. Ltd. to provide draft model PPA approval by the Commission. The permission is subject to the following conditions :

- a. Supply of power shall be governed by the policy of the Govt. of Madhya Pradesh and the provisions of the Electricity Act, 2003 and MPERC regulations.
 - b. The Commission shall be entitled to impose any other condition as the Commission considers appropriate from time to time.
8. With the above directions, the Commission decides to close this petition.

Ordered accordingly,

Sd/-
(R.Natarajan)
Member (Econ.)

Sd/-
(K.K.Garg)
Member (Engg.)

Sd/-
(Dr. J.L. Bose)
Chairman