

**Minutes of “ Wind Zone Classification and Evaluation Committee” meeting held on dtd. 5/5/2017.**

**Subject:- Finalization of wind zone class of Wind Power projects developed by Following developer for their Investors:-**

➤ **Developer:- M/s. K P Power**

- Site - Muthalne, Tal. Akole, Dist. Ahmednagar, Pedhewadi, Tal. Akole, Dist. Ahmednagar (Vetted by NIWE for M/s Gamesa Wind Turbines Pvt. Ltd.Chennai).
- Investor:- M/s. SJVN Ltd. :- 2.55 MW (3x850KW)

Meeting of “Wind Zone Classification and Evaluation Committee” held on 5/5/2017 at MEDA conference hall under chairmanship of Shri. U. M. Pande, Chairman and Sr. General Manager (Adm. & Pub.). Following Committee Members were present for the meeting:-

1	Shri. U. M. Pande	Sr. General Manager (Adm. & Pub.)	Chairman
2	Shri. Purushottam Jadhav	General Manager (Co-ord.)	Member
3	Shri. M. A. Pise	General Manager ((PG-I/IDD)	Member
4	Shri. S. V. Gore	Assistant Director (Finance)	Member
5	Shri. S. R. Patil	Manager (IDD)	Member Secretary

Manager (ID) presented the information, site verification report related to the following proposals before Committee:-

➤ **Developer:- M/s. K P Power**

- Site:- Muthalne, Tal. Akole, Dist. Ahmednagar, Pedhewadi, Tal. Akole, Dist. Ahemadnagar (Vetted by NIWE for M/s Gamesa Wind Turbines Pvt. Ltd. Chennai).
- Investor:- M/s. SJVN Ltd. :- 2.55 MW (3x850KW)
- The project is commissioned during the financial year 2014 -15.
- The details of the site visit observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MEDA WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WTG Elev. MASL in mtrs.	Ref. Mast Elev. MASL in mtrs.	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.)	Date of commissioning	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE / MEDA Mast			
1	266	GKA-51	4222	0.85	19	37	30.6	73	55	45.9	977	1047	177	Kombhalne, Akole, Ahmednagar	2.7	-	-70	24.7.14	Above 60 m elev. difference
2	266	GKA-13	4221	0.85	19	36	14.7	73	54	16.7	969	1047	43	Popewadi, Akole, Ahmednagar	4.9	-	-78	24.4.14	Above 60 m elev. difference
3	266	GKA-18	4174	0.85	19	38	18.3	73	54	09.1	1006	1047	913	Kombhalne, Akole, Ahmednagar	5.9	-	-41	24.4.14	Within (+/-) 60 m elev. difference

- As per ZEC, all WTGs are within effective area (10 km radial distance) of referred wind mast. However more than 50% WTGs of above wind power project are above (+/-) 60 m elevation difference of referred wind mast. So, it was advised to M/s. SJVN Ltd. to approach NIWE, Chennai for obtaining the project specific Annual Wind Power Density report from NIWE addressed to MEDA.
- In view of above NIWE has sent final report on revised WPD map at 50m agl of Muthalne site in Nashik district, Maharashtra vide letter no.NIWE/WRA/015/2017-18 dtd. 24.4.2017 to MEDA. The site specific WPD estimation is carried out for M/s Gamesa Renewable Pvt. Ltd., Chennai and is found to be 170.35 W/m<sup>2</sup> at P90 confidence level with all relevant corrections.

Committee's observations:-

- As per NIWE report of specific WPD estimation for 2.55 MW (3x850KW) wind power project of M/s. SJVN Ltd. at Muthalne, Dist. Nashik the Average WPD (W/m<sup>2</sup>) at 50m height are found 170.35 W/m<sup>2</sup> which is less than 250 W/m<sup>2</sup>.

Suggestion - As per the procedure for classification of wind power projects into wind zone class, committee discussed and evaluated the said proposal with respect to above points and committee suggested to issue the wind zone - I letter to M/s. SJVN Ltd. for their 2.55 MW (3x850KW) capacity wind power project.

Minutes of hearing – Shri. Arul Balan from M/s Gamesa Renewable Pvt. Ltd. Present in the hearing. No objection raised by them and by representative of other developers present in the meeting.

Committee Recommendation-

- As per the procedure for classification of wind power projects into wind zone class, committee discussed and evaluated the said proposal with respect to above points and committee suggested to issue the **wind zone - I** letter to M/s. SJVN Ltd. for their 2.55 MW (3x850KW) capacity wind power project as per above list.