

## **Wind Zone Classification and Evaluation Committee recommendations after hearing held on 18<sup>th</sup> August 2016**

With respect to the procedure for classification of wind power projects into wind zone class, meeting of Wind Zone Classification and Evaluation Committee was held on 4<sup>th</sup> July 2016 for Classification of Wind Power Projects into Wind Zone Class. Wind Zone Classification and Evaluation Committee of MEDA had scrutinised / evaluated the proposals. The draft Observations / findings of committee had been put forth for comments / objections / say from all concerned. All concerned were requested to submit their say / comments/objections if any in writing upto 12<sup>th</sup> August, 2016. Hearing for the same was scheduled on 18<sup>th</sup> August 2016 and 19<sup>th</sup> August 2016 between 11.30 am to 1.15 pm. and 2.00 pm to 5.30 pm at MEDA, Pune.

Hearing was held at MEDA Pune on respective dates in presence of representatives of developers and investors. MEDA also received comments of MSEDCL vide their letter no.CP/Wind/MEDA /25545 dtd. 12/8/2016. Reply of Wind Zone Classification and Evaluation Committee to points raised by MSEDCL is as below;

Point no. 1 : MEDA had already referred this issue to MERC and sought the guidance. MERC has informed vide its letter No. MERC/RE Cell No. 6/2015-16/01457 dtd. 9/2/2016. (Copy of same decision is placed on record) as below

“In line with Regulation 26.2 of MERC (Terms and Conditions for determination of RE Tariff) Regulations, 2010 and the Commission's ruling in Case No. 100 of 2014, MEDA shall certify the Annual Mean Wind Power Density (WPD in  $w/m^2$ ) to be measured at 50 meter hub height for classification of Wind Power Project into Wind Zone Class, commissioned during FY 2014-15 and the extended period up to 9 November, 2015.

Thereafter, i.e. from 10 November, 2015 onwards, certification of WPD shall be governed as per Regulation 28.2 of MERC (Terms and Conditions for Determination of Renewable Energy Tariff) Regulations, 2015”.

Point no. 2: As per MERC guidelines in this regard Wind Power Projects are classified on the basis of WPD. CUF is only considered for guidance purpose.

Wind Zone Classification and Evaluation Committee has strictly followed MERC guidelines for finalization of classification of Wind Power Projects into Wind Zone Class.

Minutes of hearing with respect to each wind power project is as below;

➤ **Developer:- M/s.Panama Wind Energy Pvt. Ltd, Pune**

- Site:- Mirkala, Tal. Gevrai, Dist. Beed (Vetted by NIWE for M/s. Panama Wind Energy Godawari Pvt. Ltd).
- Investor:- M/s. Panama Wind Energy Godawari Pvt. Ltd -22MW (11x2MW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 2/6/2016 Mirkala of Shri. R.M. Garad, Project Executive, Amaravati, MEDA the WTG location wise observations are as below:-

Sr. No. / (A.N)	Final file no.	WTG Location No.	MEDA WTG No.	WTG Cap.	WTG Latitude (N)			WTG Longitude (E)			WTG Elev. MASL in mtrs.	Ref. Mast Elev.	Forest Comp/Survey	Village Taluka District	Distance from Ref. wind mast in km		Diff. betwn. Ref. wind mast and	Within /Above (+/-) 60 m elev. difference
					WTG Elev. (m.)	Recomdation												
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
				MW	Deg	Min	Sec	Deg	Min	Sec	Mirka			Mirka/ Gevrai/ Beedi	Mirka (Panama)	Mirka		Within (+/-) 60 m elev. difference
1 (5)	C-413	G-05	Beed/Mirkala /Gamesa/ 2.0MW/D/ 14-15/4248	2.0	19	13	35.6	75	41	23.5	540	590	90	Khoipti Gevrai Beedi	2.15	5.13	-52	Within (+/-) 60 m elev. difference
2 (14)	C-414	G-14	Beed/Mirkala /Gamesa/ 2.0MW/D/ 14-15/4242	2.0	19	12	50.3	75	42	24.3	584	590	73	Manmodi Gevrai Beedi	0.32	2.88	-6	Within (+/-) 60 m elev. difference
3 (15)	C-414	G-15	Beed/Mirkala /Gamesa/ 2.0MW/D/ 14-15/4243	2.0	19	12	59.5	75	42	10.7	606	590	68	Manmodi Gevrai Beedi	0.46	3.37	1	Within (+/-) 60 m elev. difference
4 (17)	C-414	G-17	Beed/Mirkala /Gamesa/ 2.0MW/D/ 14-15/4246	2.0	19	13	22.4	75	41	58.5	595	590	46,58	Manmodi Gevrai Beedi	1.24	4.08	0	Within (+/-) 60 m elev. difference
5 (22)	C-414	G-22	Beed/Mirkala /Gamesa/ 2.0MW/D/ 14-15/4244	2.0	19	13	54.1	75	41	28.0	567	590	97	Khoipti Gevrai Beedi	2.52	5.41	-34	Within (+/-) 60 m elev. difference
6 (23)	C-413	G-23	Beed/Mirkala /Gamesa/ 2.0MW/D/ 14-15/4247	2.0	19	13	46.5	75	41	03.2	538	590	247	Rajarampuri Gevarai Beedi	2.82	5.81	-53	Within (+/-) 60 m elev. difference
7 (26)	C-412	G-26	Beed/Mirkala /Gamesa/ 2.0MW 14-15/4249	2.0	19	12	39.9	75	37	28.7	560	590	354	Bengali Pimpala Gevarai Beedi	8.36	11.02	-44	Within (+/-) 60 m elev. difference
8 (27)	C-412	G-27	Beed/Mirkala /Gamesa/ 2.0MW 14-15/4250	2.0	19	13	09.6	75	40	21.9	570	590	72,73	Shindkhed Gevrai Beedi	3.38	6.32	-30	Within (+/-) 60 m elev. difference
9 (28)	C-412	G-28	Beed/Mirkala /Gamesa/ 2.0MW 14-15/4251	2.0	19	13	25.3	75	39	28.7	547	590	69	Kombadwadi Gevrai Beedi	5.01	7.94	-50	Within (+/-) 60 m elev. difference

10 (32)	C-412	G-32	Beed/Mirkala/ Gamesa/2 .OMW 14- 15/4252	2.0	19	12	16.2	75	37	44.6	534	590	425	Sushi Gevrai Beedi	7.94	10.49	-31	Within (+/-) 60 m elev. difference
11 (38)	C-411	G-38	Beed/Mirkala/ Gamesa/2 .OMW 14- 15/4245	2.0	19	12	49.8	75	38	8.7	547	590	107	Sushi Gevrai Beedi	7.19	9.91	-39	Within (+/-) 60 m elev. difference

### Observations:-

- There is NIWE declared nearby MEDA mast at location - Mirakala Taluka - Gevarai District - Beed (Latitude- **N 19° 11' 54"** Longitude- **E 75° 43' 43"** Elev.- **577 m masl**) having **WPD- 211.0 watt/m<sup>2</sup> @ 50 m AGL. @ 5.81 km** adjacent to the above mentioned wind power project.
  - Nearest reference Wind Mast for the above mentioned wind power project is at Village – Mirkala, Tal. Gevarai, District. Beed (Latitude- N 19° 12' 45.24" Longitude- E 75° 42' 14.82" Elev.- 590 m amsl) having **WPD- 159.23 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Panama Wind Energy Godawari Pvt. Ltd vide their letter no.C-WET/WRA/061/2013-2014 dated 03.09.2014.
  - As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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 Panama Wind Energy Godawari Pvt. Ltd, for their **22 MW (11x2MW)** capacity 11 WTG's wind power project as per above list.
- **Minutes of Hearing:** None present from M/s. Panama Wind Energy Pvt. Ltd. No objection raised by other representative of developers/Investors present for the hearing
- **Committee Recommendation:**
- Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **Wind Zone-I** letter to M/s Panama Wind Energy Godawari Pvt. Ltd, for their **22 MW (11x2MW)** capacity 11 WTG's wind power project as per above list.
- **Old Inspection report :**As per site visit on Dated 26/3/2014 Mirkala of Shri. H. D. Shinde, Manager (WRA/WZ) the WTG location wise observations are as below:

Sr. No. / (A.N)	Final file no.	WTG Location No.	MEDA WTG No.	WTG Cap.	WTG Latitude (N)	WTG Longitude (E)	WTG Elev. MASL in mtrs.	Ref. Mast Elev.	Forest Comp/Survey	Village Taluka District	Distance from Ref. wind mast in km		Diff. betwn. Ref. wind mast and	Remark
											Pvt. Mast	NIWE/MEDA		
				MW			MASL in m.		/ Gut No.				WTG Elev. (m.)	

1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15	
					De g	Min	Sec	De g	Min	Sec									
1 (5)	C-413	PG-05	Beed/Mirkala /Gamesa/2.0 MW/D/14- 15/4248	2	19	13	35.6	75	41	23.7	538	590	90	Mirkala/G evrai/Beed	Mirkala (Pana ma)	Mirkala		-52	Within (+/-) 60 m elev. difference
2 (14)	C-414	PG-14	Beed/Mirkala /Gamesa/2.0 MW/D/14- 15/4242	2	19	12	50.3	75	42	24.4	584	590	73	Manmodi/ Gevrai/ Beed				-6	Within (+/-) 60 m elev. difference
3 (15)	C-414	PG-15	Beed/Mirkala /Gamesa/2.0 MW/D/14- 15/4243	2	19	12	59.6	75	42	10.8	591	590	68	Manmodi/ Gevrai Beed				1	Within (+/-) 60 m elev. difference
4 (17)	C-414	PG-17	Beed/Mirkala /Gamesa/2.0 MW/D/14- 15/4246	2	19	13	22.3	75	41	58.7	590	590	46.58	Manmodi/ Gevrai/ Beed				0	Within (+/-) 60 m elev. difference
5 (22)	C-414	PG-22	Beed/Mirkala /Gamesa/2.0 MW/D/14- 15/4244	2	19	13	54	75	41	27.8	556	590	97	Khopti/ Gevrai/ Beed				-34	Within (+/-) 60 m elev. difference
6 (23)	C-413	PG-23	Beed/Mirkala /Gamesa/2.0 MW/D/14- 15/4247	2	19	13	46.4	75	41	03.4	537	590	247	Rajaramp uri/ Gevrai/ Beed				-53	Within (+/-) 60 m elev. difference
7 (26)	C-412	PG-26	Beed/Mirkala / Gamesa/2.0 MW 14- 15/4249	2	19	12	39.8	75	37	28.8	546	590	354	BengalPi mpala /Gevrai /Beed				-44	Within (+/-) 60 m elev. difference
8 (27)	C-412	PG-27	Beed/Mirkala /Gamesa/2.0 MW 14- 15/4250	2	19	13	09.5	75	40	21.9	560	590	72.73	Shindkhe d/Gevrai /Beed				-30	Within (+/-) 60 m elev. difference
9 (28)	C-412	PG-28	Beed/Mirkala /Gamesa/2.0 MW 14- 15/4251	2	19	13	25.4	75	39	28.7	540	590	69	Kombadw adi /Gevrai /Beed				-50	Within (+/-) 60 m elev. difference
10 (32)	C-412	PG-32	Beed/Mirkala /Gamesa/2.0 MW 14- 15/4252	2	19	12	16.3	75	37	44.6	559	590	425	Sushi /Gevrai /Beedi				-31	Within (+/-) 60 m elev. difference
11 (38)	C-411	PG-38	Beed/Mirkala /Gamesa/2.0 MW 14- 15/4245	2	19	12	49.8	75	38	8.8	551	590	107	Sushi/ Gevrai/ Beed				-39	Within (+/-) 60 m elev. difference

**Developer:- M/s.Panama Wind Energy Pvt. Ltd, Pune**

- Site:- Mirkala, Tal. Gevrai, Dist. Beed (Vetted by NIWE for M/s. Panama Wind Godawari Pvt. Ltd).
- Investor:- M/s. Panama Wind Energy Godavari Pvt. Ltd -34MW (17x2MW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 2/6/2016 Mirkala of Shri. Garad, Project Executive, Amravati, MEDA the WTG location wise 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.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
				MW							MASL in m.							
					De g	Min	Sec	De g	Min	Sec		Mirkala		Mirkala/Gevrai/ Beedi	Mirkala (Panama)	Mirkala		
1 (1)	G-20	G-01		2.0	19	11	35.7	75	43	38.4	583	590	97	Mukulwadi Gevrai Beedi	3.25	0.58	-12	Within (+/-) 60 m elev. difference
2 (2)	G-20	G-02		2.0	19	11	12.2	75	42	57.5	587	590	120	Mukulwadi Gevrai Beedi	3.11	1.85	1	Within (+/-) 60 m elev. difference
3 (3)	G-20	G-03		2.0	19	11	49.8	75	43	19.6	595	590	67	Mukulwadi Gevrai Beedi	2.54	0.69	-2	Within (+/-) 60 m elev. difference
4 (4)	G-20	G-04		2.0	19	11	30.2	75	43	13.8	596	590	122	Mukulwadi Gevrai Beedi	2.89	1.11	4	Within (+/-) 60 m elev. difference
5 (6)	G-20	G-06		2.0	19	11	59.1	75	43	35.3	585	590	71	Mukulwadi Gevrai Beedi	2.75	0.28	-11	Within (+/-) 60 m elev. difference
6 (7)	G-20	G-07		2.0	19	11	20.8	75	43	40.8	579	590	100	Mukulwadi Gevrai Beedi	3.62	1.03	-16	Within (+/-) 60 m elev. difference
7 (8)	G-20	G-08		2.0	19	11	59.1	75	43	07.2	589	590	56	Mukulwadi Gevrai Beedi	2.08	1.06	-6	Within (+/-) 60 m elev. difference
8 (9)	G-21	G-09		2.0	19	12	05.0	75	42	36.9	594	590	15	Mukulwadi Gevrai Beedi	1.40	1.95	-2	Within (+/-) 60 m elev. difference
9 (10)	G-20	G-10		2.0	19	12	24.5	75	43	13.3	588	590	50	Mukulwadi Gevrai Beedi	1.82	1.28	-10	Within (+/-) 60 m elev. difference
10 (11)	G-20	G-11		2.0	19	12	38.0	75	43	18.7	593	590	47/48	Mukulwadi Gevrai Beedi	1.88	1.53	-15	Within (+/-) 60 m elev. difference
11 (12)	G-21	G-12		2.0	19	12	23.1	75	42	36.6	593	590	81	Manmodi Gevrai, Beedi	0.93	2.14	-2	Within (+/-) 60 m elev. difference
12 (13)	G-21	G-13		2.0	19	12	36.0	75	42	18.2	595	590	75	Manmodi Gevrai, Beedi	0.30	2.79	-3	Within (+/-) 60 m elev. difference
13 (16)	G-21	G-16		2.0	19	13	17.1	75	42	10.9	598	590	62	Manmodi Gevrai Beedi	0.98	3.71	5	Within (+/-) 60 m elev. difference
14 (18)	G-21	G-18		2.0	19	13	29.9	75	42	29.5	603	590	53.55	Manmodi Gevrai, Beedi	1.43	3.64	4	Within (+/-) 60 m elev. difference
15 (19)	G-21	G-19		2.0	19	13	41.9	75	42	19	599	590	66	Khopati Gevrai Beedi	1.75	4.13	3	Within (+/-) 60 m elev. difference
16 (20)	G-21	G-20		2.0	19	13	45.6	75	42	59.5	590	590	52 (388)	Manyarwadi Gevrai Beedi	2.27	3.65	-10	Within (+/-) 60 m elev. difference
17 (21)	D-9	G-21		2.0	19	14	06.2	75	41	40.4	544	590	104	Khopati Gevrai Beedi	2.68	5.41	-50	Within (+/-) 60 m elev. difference

**Observations:-**

- There is NIWE declared MEDA mast is at location – Mirakala, Taluka – Gevarai, District - Beed (Latitude- N 19° 11' 54" Longitude- E 75° 43' 43" Elev.- 577 m amsl) having WPD- 211.0 watt/m<sup>2</sup> @ 50 m AGL @ 0.28 km adjacent to the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Mirkala, Tal. Gevarai, District - Beed (Latitude- N 19° 12' 45.24"

Longitude- E 75° 42' 14.82" Elev.- 590 m amsl) having **WPD- 159.23 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Panama Wind Energy Godawari Pvt. Ltd vide their letter no. C-WET/WRA/061/2013-2014 dated 03.09.2014.

- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- Above WTG's have directly commissioned by MSEDCL without IC and CC of MEDA.
- **Suggestions :-** 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 Panama Wind Energy Godawari Pvt. Ltd, for their **34 MW (17 x 2MW)** capacity 17 WTG's wind power project as per above list.
- **Minutes of Hearing:** None present from M/s. Panama Wind Energy Pvt. Ltd. No objection raised by other representative of developers/Investors present for the hearing
- **Committee Recommendation:**
- Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s Panama Wind Energy Godawari Pvt. Ltd, for their **34 MW (17 x 2MW)** capacity 17 WTG's wind power project as per above list.

➤ **Old Inspection Report:** As per site visit on dtd. 26/3/2014 Mirkala of Shri. H. D. Shinde, Manager (WRA/WZ) the WTG location wise 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. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark	
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/MEDA Mast			
1	2	3	4	5	6			7			8	9	10	11		12	13	14= (8-9)	15
				MW							MASL in m.		Gut No.			Pvt. Mast	NIWE/MEDA Mast		
1 (1)		G-01		2.0	19	11	35.6	75	43	30.4	578	590	97	Mirkala	Mirkala/Gevrai/Beedi	Mirkala (Panama)	Mirkala	-12	Within (+/-) 60 m elev. difference
2 (2)		G-02		2.0	19	11	12.3	75	42	57.5	591	590	120	Mirkala	Mirkala/Gevrai/Beedi	Mirkala	Mirkala	1	Within (+/-) 60 m elev. difference
3 (3)		G-03		2.0	19	11	50.0	75	43	19.7	588	590	67	Mirkala	Mirkala/Gevrai/Beedi	Mirkala	Mirkala	-2	Within (+/-) 60 m elev. difference
4 (4)		G-04		2.0	19	11	30.3	75	43	14.5	594	590	122	Mirkala	Mirkala/Gevrai/Beedi	Mirkala	Mirkala	4	Within (+/-) 60 m elev. difference
5 (6)		G-06		2.0	19	11	59.2	75	43	35.4	579	590	71	Mirkala	Mirkala/Gevrai/Beedi	Mirkala	Mirkala	-11	Within (+/-) 60 m elev. difference
6 (7)		G-07		2.0	19	11	20.6	75	43	40.8	574	590	100	Mirkala	Mirkala/Gevrai/Beedi	Mirkala	Mirkala	-16	Within (+/-) 60 m elev. difference

7 (8)		G-08		2.0	19	11	59.2	75	43	07.2	584	590	56	Mukulwadi Gevrai Beedi	2.08	1.06	-6	Within (+/-) 60 m elev. difference
8 (9)		G-09		2.0	19	12	04.9	75	42	37.1	588	590	15	Mukulwadi Gevrai Beedi	1.40	1.95	-2	Within (+/-) 60 m elev. difference
9 (10)		G-10		2.0	19	12	24.4	75	43	13.3	580	590	50	Mukulwadi Gevrai Beedi	1.82	1.28	-10	Within (+/-) 60 m elev. difference
10 (11)		G-11		2.0	19	12	38.0	75	43	18.8	575	590	47/48	Mukulwadi Gevrai Beedi	1.88	1.53	-15	Within (+/-) 60 m elev. difference
11 (12)		G-12		2.0	19	12	23.1	75	42	36.5	588	590	81	Manmodi Gevrai Beedi	0.93	2.14	-2	Within (+/-) 60 m elev. difference
12 (13)		G-13		2.0	19	12	36.1	75	42	18.5	587	590	75	Manmodi Gevrai Beedi	0.30	2.79	-3	Within (+/-) 60 m elev. difference
13 (16)		G-16		2.0	19	13	17.0	75	42	11.0	595	590	62	Manmodi Gevrai Beedi	0.98	3.71	5	Within (+/-) 60 m elev. difference
14 (18)		G-18		2.0	19	13	29.7	75	42	29.6	594	590	53.55	Manmodi Gevrai Beedi	1.43	3.64	4	Within (+/-) 60 m elev. difference
15 (19)		G-19		2.0	19	13	41.9	75	42	19.1	593	590	66	Khopati Gevrai Beedi	1.75	4.13	3	Within (+/-) 60 m elev. difference
16 (20)		G-20		2.0	19	13	45.4	75	42	59.6	580	590	52 (388)	Manyarwadi Gevrai Beedi	2.27	3.65	-10	Within (+/-) 60 m elev. difference
17 (21)		G-21		2.0	19	14	06.2	75	41	40.7	540	590	104	Khopati Gevrai Beedi	2.68	5.41	-50	Within (+/-) 60 m elev. difference

**Developer:- M/s.Suzlon Energy Ltd.**

- Site:- Jath-2, Tal. Jath, Dist. Sangli (Vetted by NIWE for M/s Suzlon Energy Ltd, Pune).
- Investor:- M/s. Sterling Agro Industries Ltd, New Delhi - 8.40MW (4x2100KW). The project is commissioned during the financial year 2015-16.
- As per site visit on dtd 01/06/2016 Jath-2 of Shri.H.S. Nimbalkar, Project Executive, Divisional Office, MEDA Kolhapur the WTG location wise 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 m	Ref. Mast Elev. MASL in m	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
				MW							MASL in m	m.	Gut No.			Pvt. Mast	NIWE/MEDA Mast	
					De g	Min	Sec	De g	Min	Sec					Jath-2 (Suzlon)	Mendegiri Elev. Diff.m		
1 (1)	C-429	JTH-104	Sangali/JATH-2/Suzlon/2.1MW/D/15-16/4412	2100	16	55	19.5	75	13	32.6	714	756	1215	Umarani, Tal- Jath, Dist- Sangali	6.42	-31	42	Within (+/-) 60 m elev. difference
2 (2)	C-429	JTH-107	Sangali/JATH-2/Suzlon/2.1MW/D/15-16/4413	2100	16	55	09.0	75	14	39.5	707	756	1231	Umarani Tal- Jath, Dist- Sangali	6.87	-38	49	Within (+/-) 60 m elev. difference
3	C-429	JTH-156	Sangali/JATH-2/Suzlon/2.1MW/D/15-16/4414	2100	16	58	18.3	75	13	41.8	741	756	207/2, 208	Billur Tal- Jath Dist- Sangali	0.96	-4	15	Within (+/-) 60 m elev. difference
4	F-2	JTH-157	Sangali/JATH-2/Suzlon/2.1MW/D/15-16/4427	2100	16	58	39.6	75	13	37.8	750	756	216	Billur Tal- Jath Dist- Sangali	0.49	5	6	Within (+/-) 60 m elev. difference

**Observations:-**

- There is NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project is at Village – Mendegiri, Tal. Jath, District - Sangli (Latitude- N 16<sup>0</sup> 59' 37.6" Longitude- E 75<sup>0</sup> 13' 21.9" Elev.- 745 m amsl) having **WPD- 208 W/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai .
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Jath-2, Tal. Jath, District - Sangli (Latitude- N 16<sup>0</sup> 58' 48.0" Longitude- E 75<sup>0</sup> 13' 52.3" Elev.- 749 m amsl) having **WPD- 210.96 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Suzlon Energy Ltd vide their letter no. C-WET/WRA/085/2011-2012 dated 09.02.2012.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

➤ **Suggestions:-** 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. Sterling Agro Industries Ltd, for their **8.40MW (4x2100KW)**. capacity 4 WTG's wind power project as per above list.

➤ **Minutes of Hearing:** Shri Ravindranath from *M/s. Sterling Agro Industries Ltd*, and Mr. Rajesh Naik from M/s. Suzlon Energy Ltd. present on behalf of M/s. Sterling agro *Industries Ltd*. M/s. Sterling agro *Industries Ltd*, submitted written submission requesting to correct the gut no. for location no JTH 104 & 107. This submission placed on record. No objection raised by other representative of developers/Investors present for the hearing.

➤ **Committee Recommendation:**

Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and made the corrections with respect to above points. Committee concluded to issue the **wind zone - I** letter to M/s. Sterling Agro Industries Ltd, for their **8.40MW (4x2100KW)**. capacity 4 WTG's wind power project as per above list.

**Developer:- M/s.Suzlon Energy Ltd.**

- Site:- Jath, Tal. Jath, Dist. Sangli (Vetted by NIWE for M/s Suzlon Energy Ltd, Pune).
- Investor:- M/s. KRBL Limited - 21.00MW (10x2100KW). The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 1/6/2016 Jath of Shri. H.S. Nimbalkar, Project Executive, Divisional Office, MEDA, Kolhapur the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. between Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					12	13		
				MW							MAS L in mtrs.	m.						
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
					De g	Min	Sec	De g	Min	Sec		Jath			Jath	Men degiri		
1 (1)	F-3	JTH-001	Sangali/JATH-1/Suzlon/2.1M W/D/15-16/4424	2100	17	04	19.2	75	05	49.9	694	730	712	Baj, Jath, Sangli	9.13	-51	-36	Within (+/-) 60 m elev. difference
2(2)	C-428	JTH-003	Sagali/JATH-1/Suzlon/D/44 05/15-16	2100	17	03	45.3	75	05	50.5	696	730	717 & 718	Baj, Jath, sangli	8.39	-49	-34	Within(+/-) 60 m .elev. difference
3 (3)	E-17	JTH-004	Sagali/JATH-1/Suzlon/D/44 06/15-16	2100	17	03	35.3	75	06	03.5	697	730-	451	Bagewadi, Jath, Sangli	7.86	-48	-33	Within (+/-) 60 m elev. difference
4 (5)	E-17	JTH-006	Sagali/JATH-1/Suzlon/D/44 08/15-16	2100	17	03	07.8	75	06	04.2	689	730	459	Bagewadi, Jath, Sangli	7.36	-56	-41	Within (+/-) 60 m elev. difference
5 (4)	E-17	JTH-005	Sagali/JATH-1/Suzlon/D/44 07/15-16	2100	17	03	22.1	75	06	02.1	690	730	454/455	Bagewadi, Jath, Sangli	7.69	-55	-40	Within (+/-) 60 m elev. difference
6 (8)	C-428	JTH-015	Sangali/JATH-1/Suzlon/2.1M W/D/15-16/4409	2100	17	03	09.3	75	06	44.0	695	730	496	Bagewadi, Jath, Sangli	6.47	-50	-35	Within (+/-) 60 m elev. difference
7 (7)	F-3	JTH-013	Sangali/JATH-1/Suzlon/2.1M W/D/15-16/4426	2100	17	02	33.2	75	07	06.9	711	730	323	Belunki, Jath, Sangli	5.25	-34	-19	Within (+/-) 60 m elev. difference
8 (6)	F-3	JTH-012	Sangali/JATH-1/Suzlon/2.1M W/D/15-16/4425	2100	17	02	08.5	75	06	56.9	707	730	364	Belunki, Jath, Sangli	5.07	-38	-23	Within (+/-) 60 m elev. difference
												Sindur			Sindur			
9	C-428	JTH-115	Sangli/JATH-1/Suzlon/D/44 11/15-16	2100	16	53	39.7	75	16	34.5	696	695	372	Umrani, Jath, Sangli	8.19	-49	1	Within (+/-) 60 m elev. difference
												Jath2						
10	E-17	JTH-70	Sagali/JATH-1/Suzlon/D/44 10/15-16	2100	16	58	18.5	75	12	18.4	716	749	113	Billur, Jath, Sangli	6.84	-29	-33	Within (+/-) 60 m elev. difference

**Observations:-**

- Wind mast within the 10 km radial distance of the above mentioned wind power project is at Village – Mendegiri, Tal. Jath, District - Sangli (Latitude- N 16<sup>0</sup> 59'

37.6" Longitude- E 75<sup>0</sup> 13' 21.9" Elev.- 745 m amsl) having **WPD- 208 W/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai .

- Nearest reference Wind Mast for the above mentioned wind power project (Sr. no. 1 to 8 ) is at Village – Jath, Tal. Jath, District - Sangli (Latitude- N 17<sup>0</sup> 00' 48.8" Longitude- E 75<sup>0</sup> 09' 27.5" Elev.- 728 m amsl) having **WPD- 153.10 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for *M/s Suzlon Energy Ltd* vide their letter no. C-WET/WRA/091/2012-2013 dated 25.02.2015.
- Nearest reference Wind Mast for the above mentioned wind power project (Sr. no. 9) is at Village – Sindur, Tal. Jath, District - Sangli (Latitude- N 16<sup>0</sup> 52' 48.0" Longitude- E 75<sup>0</sup> 11' 29.9" Elev.- 694 m amsl) having **WPD- 183.32 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for *M/s Suzlon Energy Ltd* vide their letter no. C-WET/WRA/094/2014-2015 dated 20.02.2015.
- Nearest reference Wind Mast for the above mentioned wind power project (Sr. no. 10 ) is at Village – Jath2, Tal. Jath, District - Sangli (Latitude- N 16<sup>0</sup> 58' 48.0" Longitude- E 75<sup>0</sup> 13' 52.3" Elev.- 749 m amsl) having **WPD- 210.96 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for *M/s Suzlon Energy Ltd* vide their letter no. C-WET/WRA/085/2011-12 dated 09.02.2012.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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. KRBL Ltd, New Delhi* for their 21.00MW (10x2100KW). capacity 10 WTG's wind power project as per above list.
- **Minutes of Hearing:** Shri Rajesh Naik from *M/s Suzlon Energy Ltd* present on behalf of *M/s. KRBL Limited*. No objection raised by them and by other representative of developers present for the hearing
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to *M/s. KRBL Ltd, New Delhi* for their 21.00MW (10x2100KW). capacity 10 WTG's wind power project as per above list.

**Developer:- M/s. Maruti Wind Park Developers Pvt. Ltd.**

- Site:-Mendhegiri, Tal. Jath, Dist.Sangli (Vetted by NIWE Chennai).
- Investor:- M/s. Giriraj Enterprises, Sangamner -8.00MW (4x2000KW)
- WTG location nos. MV2-T-43, MV2-T-22, MV2-T-27, MV2-T-50.
- **Committee in its Meeting** dtd 21/10/2014 recommended to advise the developer M/s Sri Maruti Wind Park Developers Pvt Ltd or to his investor M/s Giriraj Enterprises for obtaining the project specific WPD report from NIWE Chennai for their 8.00MW (4x2000KW) capacity wind power project.
- **Accordingly, MEDA vide its letter no. 6215 dtd 28/11/2014 directed to M/s Giriraj Enterprises** for obtaining the project specific WPD report from NIWE Chennai for their 8.00MW (4 x 2000KW) capacity wind power project.
- In view of this, M/s Giriraj Enterprises vide their letter no.01 dtd 26.02.2016 submitted report on site specific wind power density (WPD) Map at 50 m agl at Mendhgiri, Dist. Sangli Site prepared by NIWE, Chennai and issued on dtd 17.02.2015 to WTG Manufacturer M/s Inox Wind Infrastructure Services Ltd. In this report, at point no.3, page no. 9, conclusion is briefed as below –
- The WPD calculations has been carried out based on the measured 50 m level wind speed data at Mendhegiri site. The estimated WPD at 50 m agl is found to be 165.5 W/m<sup>2</sup> at P-90 confidence level with all relevant corrections.

The site specific WPD estimation is carried out for M/s Inox Wind Infrastructure Services Ltd, Noida and the following WTG locations of M/s Giriraj Enterprises, Sangamner are found to be falling over the said area -

- MV2-T-43, MV2-T-22, MV2-T-27, MV2-T-50.
- **Suggestions:-** 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 in view of report on site Specific Wind Power Density (WPD) Map at 50 m agl at Mendhegiri Dist.Sangli Site prepared by NIWE, Chennai, committee suggested to issue the **wind zone - I** letter to M/s Giriraj Enterprises for their **8.0MW (4x2000KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Vinayak Shelke from M/s Maruti Windpark Developers Pvt Ltd present on behalf of M/s Giriraj Enterprises. No objection raised by them and by other representative of developers present for the hearing.

➤ **Committee Recommendation:**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s Giriraj Enterprises for their **8.0MW (4x2000KW)** capacity wind power project.

**Developer:- M/s. Suzlon Energy Ltd., Pune.**

- *Site:- Chakla Tal. Nandurbar Dist. Nandurbar (Vetted by NIWE for M/s. Suzlon Energy Ltd., Pune).*
- *Investor:- M/s. Peethambra Granites (P) Ltd. New Delhi:- 2.50 MW (2x1250KW)*  
**Committee's observations in its meeting dtd 02/12/2014:-**
- NIWE declared 25 m height MEDA mast is at location - Chakla Taluka - Nandurbar District - Nandurbar (Latitude- **N 21° 19' 0.14"** Longitude- **E 74° 18' 59.9"** Elev.- **352 m amsl**) having extrapolated **WPD- 323.0 watt/m<sup>2</sup> @ 50 m AGL.**
- Apart from above, NIWE vetted 65 m height mast of M/s. Suzlon is at location - Chakla Taluka - Nandurbar District - Nandurbar (Latitude- **N 21° 16' 53.0"** Longitude- **E 74° 18' 30.2"** Elev.- **353 m amsl**) having actual measured **WPD- 227.78 watt/m<sup>2</sup> @ 50 m AGL** vide their letter no. C-WET/WRA/079/2008-2009 dated 27.09.2010.
- Nearest reference Wind Mast for the above mentioned wind power project is at location - Chakla Taluka - Nandurbar District - Nandurbar (Latitude- **N 21° 19' 0.14"** Longitude- **E 74° 18' 59.9"** Elev.- **352 m amsl**) having extrapolated **WPD- 323.0 watt/m<sup>2</sup> @ 50 m AGL.**
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of both above wind masts and overall 100% of WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred nearest reference wind mast.
- **Committee's Recommendations in its meeting dtd 02/12/2014:-** 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 recommended to issue the wind zone - III letter to M/s. Peethambra Granites (P) Ltd. New Delhi, for their 2.50 MW (2x1250KW) capacity wind power project.
- In view of above, MEDA vide its letter no.6648 dtd 29/12/2014 has issued letter of **Wind Zone -III** for their **2.50 MW (2x1250KW)** capacity wind power project to M/s. Peethambra Granites (P) Ltd. New Delhi.
- Now, M/s Suzlon Gujrat Windpark Ltd vide its letter no.93 dtd 29/02/2016 submitted a report on site specific wind power density (WPD) Map at 50m agl at Chakla Dist . Nandurbar Site prepared by NIWE, Chennai and issued on dtd 1.02.2016 to WTG Manufacturer M/s Suzlon Energy Ltd. In this report, at point no.6 of page no. 13, conclusion is briefed as below –
- The estimated averaged WPD is found to be 247.82 W/m<sup>2</sup> at P-90 confidence level with all relevant corrections. The site specific WPD estimation is carried out for M/s Suzlon Energy Ltd and the following (Pocket no. 17) WTG locations are found to be falling over the said area -
  - C-11, C-12.

- Moreover, NIWE in its above report, briefed the conclusion at Point no.7 of Page No.14 as below-

The WPD calculations are based on 50 m wind data of Chakla site (August 03-July-04) provided by M/s Suzlon Energy Ltd, Pune. As NIWE measurement was carried out at 25 m height (April 1999 to 14<sup>th</sup> June 2000) and extrapolation from 25m to 50m height will give more uncertainly, NIWE has considered actual measurements (August 2003 to July 2004) carried out by M/s Suzlon Energy Ltd. at 50m height for WPD calculation. The study area for calculating the WPD figures have been obtained from the map given by customer. For single turbines, 2kmx2km area has been taken for the WPD analysis.

The estimated averaged WPD is found to be 247.82W/m<sup>2</sup> at P-90 confidence level with all relevant corrections. The site specific WPD estimation is carried out for M/s Suzlon Energy Ltd, Pune.

- **Suggestions:-** 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 in view of report on site Specific Wind Power Density (WPD) Map at 50m agl at Chakala Dist. Nandurbar Site prepared by NIWE, Chennai, committee suggested that M/s. Peethambra Granites (P) Ltd. New Delhi, shall submit their say for their **2.50 MW (2x1250KW)** capacity 2 WTG's wind power project as per above list.

- As per site visit on dtd. 4/6/2016 Chakala, of Shri. Gite, Project Executive, Nashik MEDA the WTG location wise 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	Ref. Mast Elev. MASL in	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14=(8-9)	15
				MW						MASL in m	m.	Gut No.			Pvt. Mast	NIWE/MEDA Mast		
1		C-12	Nan/Chakla/Suz/1.25MW/D/10-11/2865	1250	21	19	5.4	74	17	44.5	334	368	17/Comt.131	Vasadare/Nandurbar	4.11		-34	Within (+/-) 60 m elev. difference
2		C-11	Nan/Chakla/Suz/1.25 MW/D/10-11/2864	1250	21	18	52.5	74	17	52.8	364	368	17/Compt 131	Vasadare/Nandurbar	3.65		-4	Within (+/-) 60 m elev. difference

- Mast of M/s. Suzlon is at location - Chakla Taluka - Nandurbar District - Nandurbar (Latitude- **N 21° 17' 4.9"** Longitude- **E 74° 18' 44.5"** Elev.- **368 m amsl**) certified by MEDA Official Mr. L.K. Gite, (PE) Nashik.

- **Minutes of Hearing :** Shri Rajesh Naik from M/s Suzlon Energy Ltd. present on behalf of M/s. Peethambra Granites (P) Ltd. New Delhi, M/s. Peethambra Granites (P) Ltd. New Delhi, submitted written submission requesting to consider the NIWE site specific wind power density report dtd. 1/2/2016 for their **2.5 MW** project and to issue **Wind Zone-I** letter. This submission placed on record. No objection raised by other representative of developers present for the hearing.
  
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s. Peethambra Granites (P) Ltd. New Delhi for their **2.50 MW (2x1250KW)** capacity wind power project.

**Developer:- M/s. Bothe Windfarm Development Pvt. Ltd, Mumbai**

- Site:- Bothe-3, Tal. Maan, Dist. Satara (Vetted by NIWE for M/s Vestas Wind Technology (P) Ltd, Chennai).
- Site:- Sripalvan, Tal. Maan, Dist. Satara (Vetted by NIWE for M/s Vestas Wind Technology (P) Ltd, Chennai).
- Investor:- M/s.Bothe Windfarm Development Pvt. Ltd.Mumbai :- **8.40 MW (4x2100KW)**. The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 7/6/2016 Bothe-3, Sripalvan of Shri. S.N.Sawant, Technician, Girye MEDA the WTG location wise 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 m	Ref. Mast Elev. MASL in m.	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt Mast	NIWE/MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14=(8-9)	15
1 (4)	C-410	I-13	Satara/Bothe/Suzlon/2.1MW/D/14-15/4262	2.1	17	44	11.8	74	22	45.5	1020	1016	188	Ransing wadi	1.41	NA	4	Within (+/-) 60 m elev. difference
2 (1)		I-46	Satara/Bothe/Suzlon/2.1MW/D/14-15/4259	2.1	17	44	49.9	74	23	34.6	1023	1016	167	Shirwali/Maan/Satara	0.47	NA	7	Within (+/-) 60 m elev. difference
3 (3)		I-53	Satara/Bothe/Suzlon/2.1MW/D/14-15/4261	2.1	17	44	35.3	74	23	51.8	1021	1016	322	Shirwali/Maan/Satara	0.78	NA	5	Within (+/-) 60 m elev. difference
4 (2)		I-61	Satara/Bothe/Suzlon/2.1MW/D/14-15/4260	2.1	17	44	42.7	74	23	44.6	1023	1016	230	Shirwali/Maan/Satara	0.60	NA	7	Within (+/-) 60 m elev. difference

**Observations :**

- There is NIWE Chennai declared wind mast Adjacent to the above mentioned wind power project at. Village – Khokade, Tal. Maan, District – Satara (Latitude- N 17<sup>0</sup> 48' 8.2" Longitude- E 74<sup>0</sup> 22' 34.1" Elev.- 1046 m amsl) having **WPD- 216 W/m<sup>2</sup> @ 50 m AGL**
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Bothe-3, Tal. Maan, District – Satara (Latitude- N 17<sup>0</sup> 44' 37.5" Longitude- E 74<sup>0</sup> 23' 25.3" Elev.- 1016 m amsl) having **WPD- 220.08 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Vestas Wind Technology India (P) Ltd vide their letter no. C-WET/WRA/051/2010-2011 dated 24.03.2011.
- Adjacent Wind Mast for the above mentioned wind power project is at Village – Sripalvan, Tal. Maan, District – Satara (Latitude- N 17<sup>0</sup> 49' 22.4" Longitude- E 74<sup>0</sup> 26' 23.8" Elev.- 1019 m amsl) having **WPD- 219.68 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Vestas Wind Technology India (P) Ltd vide their letter no. C-WET/WRA/096/2008-2009 dated 29.04.2009.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-



ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

- **Suggestions:-** 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 a **wind zone - I** letter to *M/s. Bothe Windfarm Development Pvt Ltd, Mumbai*, for their **8.40MW (4x2100KW)**. capacity 4 WTG's wind power project as per above list.
- **Minutes of Hearing:** None present from *M/s. Bothe Windfarm Development Pvt Ltd, Mumbai*. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to *M/s. Bothe Windfarm Development Pvt Ltd, Mumbai*, for their **8.40MW (4x2100KW)**. capacity 4 WTG's wind power project as per above list.
- **Old Report** As per site visit on dtd. 30/7/2015 at Bothe-3, Sripalvan of Shri. H.D. Shinde, Manager (WRA/Wind Zone) the WTG location wise observations are as below **Old Report :-**

Sr. No.	Final file no.	WTG Location No.	MEDA WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WTG Elev. MASL in m	Ref. Mast Elev. MASL in m.	Forest Comp/ Survey/ Gu t No	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ME/DA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
				MW											Bothe-3, Sripalwan			
1		I-13	Satara/Bothe/Suzlon/2.1MW/D/14-15/4262	2.1	17	44	11.6	74	22	45.6	1015	1016	188	Katalgawadi/Maan/Satara	1.41	NA	-1	Within (+/-) 60 m elev. difference
2		I-46	Satara/Bothe/Suzlon/2.1MW/D/14-15/4259	2.1	17	44	49.9	74	23	34.3	1025	1016	167	Shirwali/Maan/Satara	0.47	NA	9	Within (+/-) 60 m elev. difference
3		I-53	Satara/Bothe/Suzlon/2.1MW/D/14-15/4261	2.1	17	44	35.3	74	23	52.0	1015	1016	322	Katalgawadi/Maan/Satara	0.79	NA	-1	Within (+/-) 60 m elev. difference
4		I-61	Satara/Bothe/Suzlon/2.1MW/D/14-15/4260	2.1	17	44	42.5	74	23	44.9	1018	1016	230	Shirwali/Maan/Satara	0.60	NA	2	Within (+/-) 60 m elev. difference

**Developer:- Developer:- M/s. Bothe Windfarm Development Pvt. Ltd, Mumbai**

- Site:- Bothe-3, Tal. Maan, Dist. Satara (Vetted by NIWE for M/s Vestas Wind Technology (P) Ltd, Chennai).
- Site:- Sripalwan, Tal. Maan, Dist. Satara (Vetted by NIWE for M/s Vestas Wind Technology (P) Ltd, Chennai).
- Investor:- M/s.Bothe Windfarm Development Pvt. Ltd.Mumbai :- **46.20 MW (22x2100KW)**. The project is commissioned during the financial year 2014-15.
- As per site visit on Bothe-3, Sripalwan of Shri. R.A.Karndikar, Technician, Girye MEDA the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km.		C-WET MEDA Mast	Diff. between Ref. wind mast and WTG Elevation (Mtr)	Remark
					Deg	Min	Sec	Deg	Min	Sec					12	13			
				MW						MAS L in mtrs	m.	Gut No.			Pvt Mast				
1	2	3	4	5	6			7			8	9	10	11	12	13	14=(8-9)	15	16
					Deg	Min	Sec	Deg	Min	Sec		Sripalwan			Sripalwan	Both e-III			
1	D-10	SP-05	4290	2.1	17	49	58.8	74	24	41.8	1035	1021	391	Shripalwan/Maan/Satara	3.20			14	Within (+/-) 60 m elev. difference
2	D-10	SP-06	4291	2.1	17	50	09.7	74	24	41.2	1037	1021	50	Shripalwan/Maan/Satara	3.39			16	Within (+/-) 60 m elev. difference
3	D-10	SP-07	4292	2.1	17	50	18.4	74	24	37.4	1036	1021	51	Shripalwan/Maan/Satara	3.630			15	Within (+/-) 60 m elev. difference
4	D-10	SP-08	4293	2.1	17	50	22.8	74	24	27.1	1035	1021	54	Shripalwan/Maan/Satara	3.950			14	Within (+/-) 60 m elev. difference
5	D-10	SP-10	4294	2.1	17	50	25.2	74	25	12.5	1053	1021	20, 21	Shripalwan/Maan/Satara	2.96			32	Within (+/-) 60 m elev. difference
6	D-13	SP-13	IC/No CC/DCC/R	2.1	17	50	29.9	74	25	38.6	1046	1021	202	Shripalwan/Maan/Satara	2.63			25	Within (+/-) 60 m elev. difference
7	D-10	SP-40	4297	2.1	17	50	28.9	74	24	43.4	1037	1021	60	Shripalwan/Maan/Satara	3.60			16	Within (+/-) 60 m elev. difference
8	D-13	SP-12		2.1	17	50	20.1	74	25	45.1	1041	1021	248, 249	Shripalwan/Maan/Satara	2.280			20	Within (+/-) 60 m elev. difference
9	D-11	SP-27		2.1	17	50	2.4	74	27	5.5	1039	1021	5	Khandyachiwadi/Maan/Satara	1.960			18	Within (+/-) 60 m elev. difference
10	D-11	SP-32		2.1	17	49	24.5	74	28	09.6	1035	1021	103	Khandyachiwadi/Maan/Satara	3.20			14	Within (+/-) 60 m elev. difference
11	D-11	SP-31		2.1	17	49	16.7	74	28	20.1	1033	1021	105, 106	Khandyachiwadi/Maan/Satara	3.50			12	Within (+/-) 60 m elev. difference
12	D-11	SP-30		2.1	17	49	07.9	74	28	18.7	1028	1021	112	Khandyachiwadi/Maan/Satara	3.46			7	Within (+/-) 60 m elev. difference

13	D-11	SP-29		2.1	17	48	57.1	74	28	20.1	1023	1021	142, 144	Khandyachiwadi/Maan/Satara	3.54		2	Within (+/-) 60 m elev. difference
14	D-12	SP-24		2.1	17	50	16.2	74	26	22.6	1042	1021	62	Garudachiwadi/Maan/Satara	1.89		21	Within (+/-) 60 m elev. difference
15	D-12	SP-41		2.1	17	50	36.4	74	26	49.8	1034	1021	8/1	Garudachiwadi/Maan/Satara	2.66		13	Within (+/-) 60 m elev. difference
16	D-12	SP-20		2.1	17	49	35.3	74	26	43.20	1038	1021	42	Ugalychiwadi/Maan/Satara	0.899		17	Within (+/-) 60 m elev. difference
17	D-12	SP-19		2.1	17	49	25.1	74	26	43.2	1032	1021	68	Ugalychiwadi/Maan/Satara	0.715		11	Within (+/-) 60 m elev. difference
18	D-14	SP-37		2.1	17	49	20.6	74	28	36.9	1035	1021	109	Khandyachiwadi/Maan/Satara	4.00		14	Within (+/-) 60 m elev. difference
19	D-14	SP-34		2.1	17	49	43.4	74	28	05.0	1040	1021	98/1, 98/2	Khandyachiwadi/Maan/Satara	3.18		19	Within (+/-) 60 m elev. difference
20	D-14	SP-39		2.1	17	49	43.8	74	28	53.7	1030	1021	108	Khandyachiwadi/Maan/Satara	4.29		10	Within (+/-) 60 m elev. difference
												<b>Both e-III</b>						
21	D-15	I-19	4279	2.1	17	44	14.8	74	23	04.2	1018	1020	187	Ransingwadi/Khatav/Satara	0.930		-2	Within (+/-) 60 m elev. difference
22	D-15	I-31	4280	2.1	17	44	33.3	74	23	23.2	1024	1020	301	Katalgewadi/Khatav/Satara	0.140		4	Within (+/-) 60 m elev. difference

### Observations:

- There is NIWE Chennai declared wind mast Adjacent to the above mentioned wind power project at. Village – Khokade, Tal. Maan, District – Satara (Latitude- N 17<sup>0</sup> 48' 8.2" Longitude- E 74<sup>0</sup> 22' 34.1" Elev.- 1046 m amsl) having **WPD- 216 W/m<sup>2</sup> @ 50 m AGL**
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Bothe-3, Tal. Maan, District – Satara (Latitude- N 17<sup>0</sup> 44' 37.5" Longitude- E 74<sup>0</sup> 23' 25.3" Elev.- 1016 m amsl) having **WPD- 220.08 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Vestas Wind Technology India (P) Ltd vide their letter no. C-WET/WRA/051/2010-2011 dated 24.03.2011.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village –Sripalvan, Tal.Maan, District – Satara (Latitude- N 17<sup>0</sup> 49' 22.4" Longitude- E 74<sup>0</sup> 26' 23.8" Elev.- 1019 m amsl) having **WPD- 219.68 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Vestas Wind Technology India (P) Ltd vide their letter no. C-WET/WRA/096/2008-2009 dated 29.04.2009.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- It is observed that MEDA has issued IC for above WTG's and have directly commissioned by MSEDCL without CC of MEDA.
- **Suggestions:-** 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. Bothe Windfarm Development Pvt Ltd, Mumbai, for their **46.20MW (22x2100KW)**. capacity 22 WTG's wind power project as per above list.
- **Minutes of Hearing:** None present from M/s. Bothe Windfarm Development Pvt

Ltd, Mumbai. No objection raised by other representative of developers present for the hearing.

➤ **Committee Recommendation:**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s. Bothe Windfarm Development Pvt Ltd, Mumbai, for their **46.20MW (22x2100KW)**. capacity 22 WTG's wind power project as per above list.

- **Old Report** - As per site visit on dtd. 30/7/2015 Bothe-3, Sripalvan of Shri. H.D. Shinde, Manager (WRA/Wind Zone) the WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MED A WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WTG Elev. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km.		C-WET MEDA Mast	Diff. between Ref. wind mast and WTG Elevation (Mtr)	Remark
					Deg	Min	Sec	Deg	Min	Sec					12	13			
				MW						MAS L in mtrs	m.	Gut No.			Pvt Mast				
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15	16
					De	Min	Sec	De	Min	Sec		Sripalvan			Sripalvan	Bot he-III			
1		SP-05		2.1	17	49	58.5	74	24	41.8	1031	1019	391	Shripalvan /Maan/ Satara	3.20	NA	NA	12	Within (+/-) 60 m elev. difference
2		SP-06		2.1	17	50	09.5	74	24	41.2	1023	1019	50	Shripalvan/ Maan/ Satara	3.35	NA	NA	4	Within (+/-) 60 m elev. difference
3		SP-07		2.1	17	50	18.3	74	24	37.3	1030	1019	51	Shripalvan/ Maan/ Satara	3.58	NA	NA	11	Within (+/-) 60 m elev. difference
4		SP-08		2.1	17	50	22.6	74	24	26.9	1024	1019	54	Shripalvan/ Maan/ Satara	3.91	NA	NA	5	Within (+/-) 60 m elev. difference
5		SP-10		2.1	17	50	25.0	74	25	12.7	1052	1019	20	Shripalvan/ Maan/ Satara	2.85	NA	NA	33	Within (+/-) 60 m elev. difference
6		SP-13		2.1	17	50	29.9	74	25	38.4	1045	1019	202	Shripalvan/ Maan/ Satara	2.47	NA	NA	26	Within (+/-) 60 m elev. difference
7		SP-40		2.1	17	50	29.0	74	24	43.3	1026	1019	60	Shripalvan/ Maan/ Satara	3.60	NA	NA	7	Within (+/-) 60 m elev. difference
8		SP-12		2.1	17	50	20.1	74	25	45.0	1033	1019	248, 249	Shripalvan/ Maan/ Satara	2.11	NA	NA	14	Within (+/-) 60 m elev. difference
9		SP-27		2.1	17	50	02.1	74	27	05.4	1040	1019	5	Khandyachiwadi /Maan/ Satara	1.73	NA	NA	21	Within (+/-) 60 m elev. difference
10		SP-32		2.1	17	49	24.4	74	28	09.6	1035	1019	103	Khandyachiwadi /Maan/ Satara	3.12	NA	NA	16	Within (+/-) 60 m elev. difference
11		SP-31		2.1	17	49	16.6	74	28	20.1	1021	1019	105, 106	Khandyachiwadi /Maan/ Satara	3.43	NA	NA	2	Within (+/-) 60 m elev. difference
12		SP-30		2.1	17	49	07.8	74	28	18.7	1026	1019	112	Khandyachiwadi /Maan/ Satara	3.41	NA	NA	7	Within (+/-) 60 m elev. difference
13		SP-29		2.1	17	48	56.8	74	28	20.0	1016	1019	142, 144	Khandyachiwadi /Maan/ Satara	3.51	NA	NA	-03	Within (+/-) 60 m elev. difference
14		SP-24		2.1	17	50	16.2	74	26	22.5	1048	1019	62	Garudachiwadi/ Maan/ Satara	1.65	NA	NA	29	Within (+/-) 60 m elev. difference

15		SP-41		2.1	17	50	36.4	74	26	49.7	1027	1019	8/1	Garudachiwadi/ Maan/ Satara	2.40	NA	NA	8	Within (+/-) 60 m elev. difference
16		SP-20		2.1	17	49	35.2	74	26	43.00	1036	1019	42	Ugalychiwadi/ Maan/ Satara	0.69	NA	NA	17	Within (+/-) 60 m elev. difference
17		SP-19		2.1	17	49	24.9	74	26	43.4	1035	1019	68	Ugalychiwadi/ Maan/ Satara	0.50	NA	NA	16	Within (+/-) 60 m elev. difference
18		SP-37		2.1	17	49	20.5	74	28	36.8	1029	1019	109	Khandyachiwadi Maan/ atara	3.92	NA	NA	10	Within (+/-) 60 m elev. difference
19		SP-34		2.1	17	49	43.4	74	28	05.1	1045	1019	98/1, 98/2	Khandyachiwadi Maan/ atara	3.05	NA	NA	26	Within (+/-) 60 m elev. difference
20		SP-39		2.1	17	49	43.6	74	28	54.00	1010	1019	108	Khandyachiwadi Maan/ atara	4.47	NA	NA	-9	Within (+/-) 60 m elev. difference
															<b>Sripa Ivan</b>	<b>Both e-III</b>			
21		I-19		2.1	17	44	14.7	73	23	04.1	1018	1016	187	Katalgewadi/Kh atav/Satara	11.1	0.94	NA	2	Within (+/-) 60 m elev. difference
22		I-31		2.1	17	44	33.3	74	23	23.2	1021	1016	301	Katalgewadi/Kh atav/Satara	10.36	0.14	NA	5	Within (+/-) 60 m elev. difference

## Developer:- M/s. T.S. Wind Power Developers, Satara

- *Site:- Bhendwade, Tal. Dist. Kolhapur (Vetted by NIWE Chennai).*
- *Investor:- M/s.Giriraj Enterprises :- 2.00 MW (1x2000KW). The project is commissioned during the financial year 2014-15.*
- *As per site visit on dtd. 30/5/2016 Bhendwade of Shri. R.C. Tamboli (Technician), Girye the WTG location wise 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 /	Village Taluka District	Distance from Ref. wind mast in km		Diff. betwn . Ref. wind mast	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
	(2)			MW														
1	2	3	4	5	6			7			8	9	10	11	12	13	14=	15
					De g	Min	Sec	De g	Min	Sec						Bhendwade/Kotholi		
1	D-3	BH-T-14	Giriraj Ent Bhendwade/Inox/2.0 MW/d/2014-15/4266 Hipo	2.0	16	58	59.7	73	55	31.2	810	782	219	Kotoli/Shahuwadi/Kolhapur	-	5.6/6.29	28	Within (+/-) 60 m elev. difference

### **Observations:-**

- Adjacent Wind Mast for the above mentioned wind power project is at location – Bhendwade, Tal – Shahuwadi Dist. Kolhapur (Latitude- **N 17° 1' 97.3"** Longitude- **E 73° 52' 89.5"** Elev.- 812 m amsl) having **WPD- 223 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- Nearest Wind Mast for the above mentioned wind power project is at location – Kotoli, Tal – Shahuwadi Dist. Kolhapur (Latitude- **N 16° 57' 54.2"** Longitude- **E 73° 58' 28.4"** Elev.- **782 m amsl**) having **WPD- 180 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

➤ **Suggestions:-** 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.Giriraj Enterprises, for their **2.00MW (1x2000KW)** capacity 1 WTG wind power project as per above list.

➤ **Minutes of Hearing:** Shri Amit Lakharpal from M/s T.S. Wind Power Developers present on behalf of M/s.Giriraj Enterprises. No objection raised by them and by other representative of developers present for the hearing.

➤ **Committee Recommendation:** Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s.Giriraj Enterprises, for their **2.00MW (1x2000KW)** capacity 1 WTG wind power project as per above list.

**Developer:- M/s. T.S. Wind Power Developers, Satara**

- *Site:-Bhendawade, Tal. Dist. Kolhapur (Vetted by NIWE Chennai).*
- *Investor:- M/s.Srikanth Energy Pvt Ltd :- 2.00MW(1x2000KW). The project is commissioned during the financial year 2014-15.*
- *As per site visit on dtd 30/05/2016 Bhendwade of Shri. R.C. Tamboli (Technician), Girye the WTG location wise 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. betn. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
	(2)			MW														
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
					De	Min	Sec	De	Min	Sec						Bhendwade/ Kotholi		
1	C-395	BH-T-24	Shrikant Energy Pvt.Ltd. Bhendwade/Inox/ 2.0 MW/D/2013-14/4176	2.0	16	57	47.3	73	56	22.8	776	782	1733	Kadve/ Shahuwadi/ Kolhapur	-	3.7	-6	Within (+/-) 60 m elev. difference

**Observations:-**

- Adjacent Wind Mast for the above mentioned wind power project is at location – Bhendwade, Tal – Shahuwadi Dist. Kolhapur (Latitude- **N 17° 1’ 97.3”** Longitude- **E 73° 52’ 89.5”** Elev.- 812 m amsl) having **WPD- 223 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- Nearest Wind Mast for the above mentioned wind power project is at location – Kotoli, Tal – Shahuwadi Dist. Kolhapur (Latitude- **N 16° 57’ 54.2”** Longitude- **E 73° 58’ 28.4”** Elev.- **782 m amsl**) having **WPD- 180 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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.Srikanth Energy Pvt Ltd, for their **2.00MW (1x2000KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Amit Lakhnupal from M/s T.S. Wind Power Developers present on behalf of M/s.Giriraj Enterprises. No objection raised by them and by other representative of developers present for the hearing.
- **Committee Recommendation:** Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of

this Committee concluded to issue a **wind zone - I** letter to M/s.Srikanth Energy Pvt Ltd, for their **2.00MW (1x2000KW)** capacity wind power project.



**Developer:- M/s.Suzlon Energy Ltd.**

- Site:- Sindur, Tal. Jath, Dist.Sangli (Vetted by NIWE for M/s Suzlon Energy Ltd, Pune).
- Investor:- M/s.Pradeep Metals Ltd, Navi Mumbai:- 2.10 MW (1x2100KW).The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 1/6/2016 Sindur of Shri. H.S. Nimbalkar, Project Executive, Divisional Office, MEDA, Kolhapur the WTG location wise 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 m	Ref. Mast Elev. MASL in m	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
1	E-4	JTH-116	Sangali / Sindur / Suzlon /2.1 MW/D/ 14-15/4323	2100	16	53	34.2	75	16	57.2	686	695	395 & 396	Umrani, Jath, Sangli	9.79	NA	-9	Within (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Sindur, Tal. Jath, District - Sangli (Latitude- N 16<sup>0</sup> 52' 48.0" Longitude- E 75<sup>0</sup> 11' 29.9" Elev.- 694 m amsl) having **WPD- 183.32 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for *M/s. Suzlon Energy Ltd* vide their letter no. C-WET/WRA/094/2014-2015 dated 20.02.2015.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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.Pradeep Metals Ltd, Navi Mumbai, for their **2.10MW (1x2100KW)**, capacity 1 WTG wind power project as per above list.
- **Minutes of Hearing:** Shri Rajesh Naik from M/s Suzlon Energy Ltd. present on behalf of M/s. Pradeep Metals Ltd, Navi Mumbai, M/s.Pradeep Metals Ltd, Navi Mumbai, has submitted the letter to issue **Wind Zone-I** letter as suggested by Committee. No objection raised by them and by other representative of developers present for the hearing
- **Committee Recommendation:** Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s.Pradeep Metals

Ltd, Navi Mumbai, for their **2.10MW (1x2100KW)**. capacity 1 WTG wind power project as per above list.

**Developer:- M/s. Sri Maruti Wind park Developers**

- Site:- Bhud Phase-2, Tal. Khanapur, Dist. Sangli (Vetted by NIWE for M/s. Regen Powertech Pvt. Ltd. Chennai ).
- Investor:- M/s. Wind India Ventures Pvt Ltd, Bangalore:- 1.50MW(01x1500KW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd 05.7.2016 Bhud Ph-2 of Shri. M. P. Gandhile, P.E., Aurangabad MEDA the WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MED A 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	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
				MW						MASL in m.		Gut No.						
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					Deg	Min	Sec	Deg	Min	Sec		Bhud Phase-2			Bhud Phase-2 (M/s. Regen)	NA		
1	G-24	BE-09		1.5	17	23	7.51	74	41	14.32	840	840	488/3	Devkhindi / Khanapur / Sangli	8.2km		0	Within (+/-) 60 m elev. difference

**Observations:-**

- Adjacent Wind Mast for the above mentioned wind power project is @ 5 Km at location –Bhud, Tal – Khanapur Dist. Sangli (Latitude- N 17° 20’ 33.5’’ Longitude- E 74° 42’ 6.8’’ Elev.- 809 m amsl) having **WPD- 224 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
  - Nearest reference Wind Mast for the above mentioned wind power project is at Village – Bhud Phase-2 Tal. District – Sangli (Latitude- N 17° 21’ 18.3’’ Longitude- E 74° 41’ 48.9’’ Elev.- 840 m amsl) having **WPD- 225.99 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Regen Powertech Pvt. Ltd, Chennai vide their letter no. C-WET/WRA/074/2011-2012 dtd 23.02.2012.
  - As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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. Win India Ventures Pvt. Ltd, Bangalore for their **1.50MW (1x1500KW)**. capacity 1 WTG wind power project as per above list.
- **Minutes of Hearing:** None present from M/s. Wind India Ventures Pvt Ltd, Bangalore. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of

this Committee concluded to issue a **wind zone - I** letter to M/s. Win India Ventures Pvt. Ltd, Banglore for their **1.50MW (1x1500KW)**. capacity 1 WTG wind power project as per above list.

- **Old Report:-**As per site visit on Bhud Ph-2 of Shri. V. R. Pawaskar, Sr. Technician, Girye MEDA the WTG location wise 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.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
				MW							MASL in m.		Gut No.					
1	G-24	BE-09		1.5	17	23	7.51	74	41	14.52	809	840	488/3	Devkhindi/ Khanapur/ Sangli	8.2km		-31	Within (+/-) 60 m elev. difference

- **Old Report:-**As per site visit on Bhud Ph-2 of Shri. H.D. Shinde, Manager (WRA/WZ) the WTG location wise 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.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
				MW							MASL in m.		Gut No.					
					De g	Min	Sec	De g	Min	Sec		Bhud Phase-2			Bhud Phase-2 (M/s. Regen)	NA		
1		BE-09		1.5	17	23	07.7	74	41	14.6	839	840	488/3	Devkhindi/ Khanapur/ Sangli	0.27	NA	-1	Within (+/-) 60 m elev. difference

**Developer:- M/s. Bothe Windfarm Development Pvt. Ltd, Mumbai**

- Site:- Bothe-3, Tal. Maan, Dist. Satara (Vetted by NIWE for M/s Vestas Wind Technology (P) Ltd, Chennai).
- Site:- Sripalwan, Tal. Maan, Dist. Satara (Vetted by NIWE for M/s Vestas Wind Technology (P) Ltd, Chennai).
- Investor :- M/s.Bothe Windfarm Development Pvt. Ltd.,Mumbai :- 44.10MW (21x2100KW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 7/6/2016 Bothe-3, Sripalwan of Shri. S.N Sawant, Technician, Girye MEDA the WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MED A 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.		C-WET MEDA Mast	Diff. between Ref. wind mast and WTG Elevation (Mtr)	Remark
					Deg	Min	Sec	Deg	Min	Sec					12	13			
	(2)			MW							MASL in mtrs	m.				Pvt Mast			
1	2	3	4	5	6			7			8	9	10	11	12	13	14=(8-9)	15	16
					Deg	Min	Sec	Deg	Min	Sec									
1	G-14	I-17		2.1	17	44	34.7	74	24	35.1	990	1020	297	Shirwali	2.06			-30	Within (+/-) 60 m elev. difference
2	G-12	I-38		2.1	17	44	25.5	74	23	28.6	1023	1020	294	Khandychiwadi	0.38			3	Within (+/-) 60 m elev. difference
3	G-12	I-28		2.1	17	44	43.3	74	23	25.4	1026	1020	184/186	Shirwali	0.19			6	Within (+/-) 60 m elev. difference
4	G-12	I-51		2.1	17	44	42.4	74	24	8.0	984	1020	250	Shirwali	1.27			-36	Within (+/-) 60 m elev. difference
5	G-12	I-69		2.1	17	44	6.4	74	22	57.8	1019	1020	280	Katalgewadi	1.25			-1	Within (+/-) 60 m elev. difference
6	G-14	I-78		2.1	17	44	36.1	74	24	24.1	989	1020	296	Shirwali	1.73			-31	Within (+/-) 60 m elev. difference
7	G-13	I-79		2.1	17	44	33.8	74	24	51.0	986	1020	299	Shirwali	2.53			-34	Within (+/-) 60 m elev. difference
8	G-13	I-80		2.1	17	44	41.5	74	25	6.1	968	1020	300	Shirwali	2.97			-52	Within (+/-) 60 m elev. difference
9	G-13	I-83		2.1	17	45	4.1	74	24	26.1	962	1020	287	Shirwali	1.97			-58	Within (+/-) 60 m elev. difference
10	G-15	SP-09		2.1	17	50	17.9	74	25	20.4	1052	1021	10	Shripalwan	2.64			31	Within (+/-) 60 m elev. difference
11	G-17	SP-17		2.1	17	50	51.7	74	25	51.0	1050	1021	217	Garudachiwadi	3.12			29	Within (+/-) 60 m elev. difference
12	G-18	SP-21		2.1	17	49	44.4	74	26	39.6	1035	1021	31	Ugalachiwadi	1.26			14	Within (+/-) 60 m elev. difference
13		SP-22		2.1	17	49	56.7	74	26	52.1	1043	1021	191	Khandychiwadi	1.57			22	Within (+/-) 60 m elev. difference
14	G-18	SP-25		2.1	17	50	29.7	74	26	23.6	1044	1021	61	Garudachiwadi	2.30			23	Within (+/-) 60 m elev. difference

15	G-18	SP-26		2.1	17	49	51	74	27	20.8	1039	1021	25	Khandychiwa di	2.07			18	Within (+/-) 60 m elev. difference
16	G-18	SP-28		2.1	17	49	19.5	74	26	43.5	1035	1021	17	Garudachiwa di	2.1			14	Within (+/-) 60 m elev. difference
17	G-16	SP-33		2.1	17	49	36.8	74	28	11.5	1041	1021	104/2	Khandychiwa di	3.32			20	Within (+/-) 60 m elev. difference
18	G-19	SP-35		2.1	17	49	42.5	74	27	50.7	1037	1021	73	Khandychiwadi	2.76			16	Within (+/-) 60 m elev. difference
19	G-19	SP-36		2.1	17	49	56.3	74	27	50.4	1036	1021	67	Khandychiwadi	2.92			15	Within (+/-) 60 m elev. difference
20	G-19	SP-38		2.1	17	49	26.8	74	28	29.0	1036	1021	107	Khandychiwadi	3.78			15	Within (+/-) 60 m elev. difference
21	D-14	I-84		2.1	17	49	33.7	74	28	45.5	1027	1021	108	Khandychiwadi	4.29			6	Within (+/-) 60 m elev. difference

### Observations:

- There is NIWE Chennai declared wind mast Adjacent to the above mentioned wind power project at. Village – Khokade, Tal. Maan, District – Satara (Latitude- N 17<sup>0</sup> 48' 8.2" Longitude- E 74<sup>0</sup> 22' 34.1" Elev.- 1046 m amsl) having **WPD- 216 W/m<sup>2</sup> @ 50 m AGL**
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Bothe-3, Tal. Maan, District – Satara (Latitude- N 17<sup>0</sup> 44' 37.5" Longitude- E 74<sup>0</sup> 23' 25.3" Elev.- 1016 m amsl) having **WPD- 220.08 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Vestas Wind Technology India (P) Ltd vide their letter no. C-WET/WRA/051/2010-2011 dated 24.03.2011.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village –Sripalvan, Tal.Maan, District – Satara (Latitude- N 17<sup>0</sup> 49' 22.4" Longitude- E 74<sup>0</sup> 26' 23.8" Elev.- 1019 m amsl) having **WPD- 219.68 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Vestas Wind Technology India (P) Ltd vide their letter no. C-WET/WRA/096/2008-2009 dated 29.04.2009.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- Above WTG's have directly commissioned by MSEDCL without IC and CC of MEDA.
- **Suggestions:-** 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. Bothe Windfarm Development Pvt Ltd, Mumbai, for their **44.10MW (21x2100KW)**. capacity 21 WTG's wind power project as per above list.
- **Minutes of Hearing:** None present from M/s Bothe Windfarm Development Pvt. Ltd., Mumbai, Bangalore. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation:**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a the **wind zone - I** letter to M/s. Bothe

Windfarm Development Pvt Ltd, Mumbai, for their **44.10MW (21x2100KW)**. capacity  
21 WTG's wind power project as per above list.

**Developer:- M/s. Sri Maruti Wind Park Developers**

- Site:- Vaspeth, Tal. Jath & dist. Sangli (Vetted by NIWE Chennai for MEDA).
- Investor:- M/s. NuPower Renewables Pvt. Ltd:- 26.65 MW (13x2050KW). The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 1/6/2016 Vaspeth of Shri V.R.Pawaskar, Sr.Technician, Girye, MEDA the WTG location wise 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.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
				MW							MASL in m.		Gut No.			Vaspeth		
1	C-436	VH-35	4348	2.05	17	07	10.0	75	22	08.0	644	680	592	Vaspeth	NA	2.2	-36	Within (+/-) 60 m elev. difference
2	C-434	VH-32	4353	2.05	17	06	54.0	75	21	56.07	663	680	592	Vaspeth	NA	1.6	-17	Within (+/-) 60 m elev. difference
3	E-14	VH-21	4354	2.05	17	05	59.0	75	21	46.0	666	680	528	Vaspeth	NA	0.7	-14	Within (+/-) 60 m elev. difference
4	E-14	VH33	4355	2.05	17	06	47.2	75	22	33.0	660	680	619/1	Vaspeth	NA	2.3	-20	Within (+/-) 60 m elev. difference
5	E-14	VH36	4349	2.05	17	07	23.6	75	22	30.5	642	680	590	Vaspeth	NA	3.0	-38	Within (+/-) 60 m elev. difference
6	E-14	VH37	4350	2.05	17	07	27.6	75	22	56.6	658	680	590	Vaspeth	NA	3.6	-22	Within (+/-) 60 m elev. difference
7	E-14	VH40	4352	2.05	17	07	58.2	75	22	47.4	645	680	590	Vaspeth	NA	4.1	-35	Within (+/-) 60 m elev. difference
8	E-14	VH39	4351	2.05	17	07	44.0	75	22	44.5	664	680	590	Vaspeth	NA	3.7	-16	Within (+/-) 60 m elev. difference
9	E-14	VH34	4399	2.05	17	07	06.3	75	22	30.3	656	680	590	Vaspeth	NA	2.6	-24	Within (+/-) 60 m elev. difference
10	C-417	VH38	4397	2.05	17	07	44.0	75	23	08.8	630	680	590	Vaspeth	NA	4.02	-50	Within (+/-) 60 m elev. difference
11	C-433	VH20	4398	2.05	17	05	41.3	75	21	49.8	672	680	516	Vaspeth	NA	1.1	-08	Within (+/-) 60 m elev. difference
12	C-435	VH19	4401	2.05	17	05	24.9	75	21	54.6	663	680	515	Vaspeth	NA	1.6	-17	Within (+/-) 60 m elev. difference
13	E-14	VH30	4396	2.05	17	06	39.4	75	21	57.1	675	680	592	Vaspeth	NA	1.3	-5	Within (+/-) 60 m elev. difference

**Observations:**

- Nearest reference Wind Mast for the above mentioned wind power project is at location - Vaspeth, Tal. Jath & dist. Sangli (Latitude- N 17° 06' 10.3" Longitude- E 75° 21' 24.4" Elev.- 680 m amsl) having WPD- 220.00 watt/m<sup>2</sup> @ 50 m AGL declared by NIWE Chennai.



- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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. NuPower Renewables Pvt. Ltd, for their **26.65 MW (13x2050KW)** capacity 13 WTG's wind power project as per above list.
- **Minutes of Hearing:** None present from M/s. NuPower Renewables Pvt. Ltd, Bangalore. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s. NuPower Renewables Pvt. Ltd, for their **26.65 MW (13x2050KW)** capacity 13 WTG's wind power project as per above list.

**Developer:- M/s. Sri Maruti Wind Park Developers**

- Site:- Vaspeth, Tal. Jath & dist. Sangli (Vetted by NIWE Chennai for MEDA).
- Investor:- M/s. NuPower Renewables Pvt. Ltd:-2.05 MW (1x2050KW). The project is commissioned during the financial year 2014-15
- As per site visit on dtd. 1/6/2016 Vaspeth of Shri V.R.Pawaskar, Sr.Technician, Girye, MEDA the WTG location wise 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. betw. n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
				MW							MASL in m.				Gut No.			
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					De g	Min	Sec	De g	Min	Sec						Vaspeth		
1	G-23	VAS211		2.05	17	01	50.5	75	21	12.6	648	680	211/1 & 211/2	Shedyal		8.0	-32	Within (+/-) 60 m elev. difference

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location - Vaspeth, Tal. Jath & dist. Sangli (Latitude- **N 17° 06' 10.3"** Longitude- **E 75° 21' 24.4"** Elev.- **680 m amsl**) having **WPD- 220.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- Above WTG's have directly commissioned by MSEDCL without IC and CC of MEDA.
- **Suggestions:-** 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. NuPower Renewables Pvt. Ltd, for their **2.05 MW (1x2050KW)** capacity 1 WTG wind power project as per above list.
- **Minutes of Hearing:** None present from M/s. NuPower Renewables Pvt. Ltd, Bangalore. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone-I** letter to M/s. NuPower

Renewables Pvt. Ltd, for their **2.05 MW (1x2050KW)** capacity 1 WTG wind power project as per above list.

**Developer:- M/s. Acorn Properties Pvt Ltd.**

- Site:- Girijashankarwadi, Tal. Khatav, Dist. Satara (Vetted by NIWE Chennai for M/s Kenersys India Pvt. Ltd, Pune).
- Investor:- M/s. Giriraj Enterprises:- 7.20MW (3x2400KW).The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 2/6/2016 Girijashankarwadi of Shri. R.A. Karndikar, Technician, Girye MEDA the WTG location wise 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 m	Ref. Mast Elev. MASL in m	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE / MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
				MW	Deg	Min	Sec	Deg	Min	Sec	MASL in m	m.	Gut No.		Girija Shankar wadi			
1	G-10	GSW-24	Satara/Girijashan di/kenersys/2.4M /2014-15/4273	2.4	17	27	26.5	74	14	38.6	930	892	1781	Rajachekurle/ Khatav/Satara	2.11		38	Within 0 m elev. erence
2	G-10	GSW-27	Satara/Girijashan di/kenersys/2.4M /2014-15/4276	2.4	17	26	52.6	74	14	53.8	894	892	1754	Rajachekurle/ Khatav/ Satara /	0.98		2	Within 0 m elev. erence
3	G-10	GSW-28	Satara/Girijashan di/kenersys/2.4M /2014-15/4277	2.4	17	26	44.3	74	14	57.5	892	892	1754	Rajachekurle/ Khatav/ Satara	0.70		0	Within 0 m elev. erence

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Girijashankarwadi, Tal. Khatav, District - Satara (Latitude- **N 17° 26' 22.0"** Longitude- **E 74° 15' 2.4"** Elev.- **892 m amsl**) having **WPD- 237.27 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for *M/s Kenersys India Pvt Ltd, Pune* their Report on Verification of Procedure of Wind Monitoring at Girijashankarwadi, Satara.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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 Giriraj Enterprises for their **7.20MW (3x2400KW)**. capacity 3 WTG's wind power project as per above list.
- **Minutes of Hearing:** None present from M/s Giriraj Enterprises. No objection raised by other representative of developers present for the hearing.

➤ **Committee Recommendation:**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s Giriraj Enterprises for their **7.20MW (3x2400KW)**. capacity 3 WTG's wind power project as per above list.

**Developer:- M/s.Vish Wind Infrastructure LLP**

- Site:- Khandke, Tal. Ashti, Dist. Beed (Vetted by NIWE Chennai for MEDA).
- Investor:- M/s. Lalpur Wind Energy Pvt. Ltd:- 5.60 MW (7 x 800 kW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 4/6/2016 Khandke (Shedala) of Shri. R.M. Garad, Project Executive, Amravati, MEDA the WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MED A WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WT G Elev . MA SL in mtrs .	Ref. Mast Elev . MAS L 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.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
				MW														
					De g	Min	Sec	De g	Min	Sec						Khandke		
1	G-5	K444		0.8	19	05	42.2	74	58	28.2	852	874	31/2 i.e.31/AA/2	Deulgaon Ghat	4.6		-22	Within (+/-) 60 m elev. difference
2	G-5	K445		0.8	19	05	56.2	74	59	12.8	848	874	55	Deulgaon Ghat	3.4		-26	Within (+/-) 60 m elev. difference
3	G-5	K447		0.8	19	06	29.2	74	58	57.4	902	874	49/A/2i.e.49/2, 49/AA/2	Deulgaon Ghat	4.2		28	Within (+/-) 60 m elev. difference
4	G-5	N78		0.8	19	06	28.7	74	59	18.5	897	874	69/A/2 i.e.69/2, 69/AA/2	Deulgaon Ghat	3.6		23	Within (+/-) 60 m elev. difference
5	G-5	N84		0.8	19	06	01.9	74	58	29.4	895	874	19/1 i.e. 19/A/1	Deulgaon Ghat	4.7		21	Within (+/-) 60 m elev. difference
6	G-5	N85		0.8	19	05	48.1	74	58	25.2	893	874	19/1 i.e. 19/A/1	Deulgaon Ghat	4.7		19	Within (+/-) 60 m elev. difference
7	G-5	N86		0.8	19	05	53.6	74	58	22.6	895	874	19/1 i.e. 19/A/1	Deulgaon Ghat	4.8		21	Within (+/-) 60 m elev. difference

**Observations:-**

- Adjacent Wind Mast for the above mentioned wind power project is at location – Khandke, Tal & Dist. Ahmednagar (Latitude- N 19° 08’ 00’’ Longitude- E 74° 52’ 31’’ Elev.- 920 m amsl) having WPD- 250.00 watt/m<sup>2</sup> @ 50 m AGL declared by NIWE Chennai for MEDA.
- Nearest reference Wind Mast for the above mentioned wind power project is at location –Khandke,(Shedala) Tal- Ashti & Dist. Beed (Latitude- N 19° 05’ 32.49’’ Longitude- E 75° 01’ 6.12’’ Elev.- 874 m amsl) having WPD- 172.41 watt/m<sup>2</sup> @ 50 m AGL vetted by NIWE Chennai for M/s. Wind World (India) Ltd. vide letter no. C-Wet/WRA/120/2012-13 dtd. 30/1/2013.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

- Above WTG's have directly commissioned by MSEDCL without IC and CC of MEDA.
- **Suggestions:-** 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. Lalpur Wind Energy Pvt. Ltd, for their **5.60MW (7x800KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Virendra Bhandarkar & Shri Sanjay Bhushan from M/s Vish Wind Infrasructure LLP. present on behalf of M/s. Lalpur Wind Energy Pvt. Ltd. No objection raised by them and by representative of other developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **Wind Zone –I** letter to M/s. Lalpur Wind Energy Pvt. Ltd, for their **5.60MW (7x800KW)** capacity wind power project.

**Developer:- M/s.Vish Wind Infrastructure LLP**

- Site:- Khandke, Tal. & dist. Ahmednagar (Vetted by NIWE Chennai).
- Investor:- M/s. Lalpur Wind Energy Pvt. Ltd:- 3.20 MW (4x800KW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 4/6/2016 Khandke of Shri. R.M. Garad, Project Executive, Amravati, MEDA the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt Mast	NIWE/MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
				MW							MAS L in m.		Gut No.					
					De g	Min	Sec	De g	Min	Sec						Khandke		
1	G-6	A12		0.8	19	09	26.7	74	49	38.8	889	939	30	Devgaon	1.75	NA	-50	Within (+/-) 60 m elev. difference
2	G-7	N22		0.8	19	08	32.9	74	51	49.4	933	939	159/1	Ratadgaon	2.52	NA	-6	Within (+/-) 60 m elev. difference
3	G-9	N27		0.8	19	10	29.9	74	51	54.5	953	939	118	Agadgaon	3.12	NA	14	Within (+/-) 60 m elev. difference
4	G-4	N43		0.8	19	08	26.0	74	53	47.6	862	939	86	Khandke	5.77	NA	-77	Above (+/-) 60 m elev. difference

**Observations:-**

- Adjacent Wind Mast for the above mentioned wind power project is at location – Khandke, Tal & Dist. Ahmednagar (Latitude- N 19° 08' 00" Longitude- E 74° 52' 31" Elev.- 920 m amsl) having **WPD- 250.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA .
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Khandke (Devgaon), Tal. & District. Ahmednagar (Latitude- N 19° 09' 19.20" Longitude- E 74° 50' 38.30" Elev.- 942 m amsl) having **WPD- 218.28 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Wind world (India) Ltd, Mumbai vide their letter no.C-WET/WRA/098/2014-2015 dated 15.12.2014.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- Above WTG's have directly commissioned by MSEDCL without IC and CC of MEDA.
- **Suggestions:-** 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. Lalpur Wind Energy Pvt. Ltd, for their **3.20MW (4x800KW)** capacity wind power project.



- **Minutes of Hearing:** Shri Virendra Bhandarkar & Shri Sanjay Bhushan from M/s Vish Wind Infrasructure LLP present on behalf of M/s. Lalpur Wind Energy Pvt. Ltd. No objection raised by them and by representative of other developers present for the hearing.
  
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone-I** letter to M/s. Lalpur Wind Energy Pvt. Ltd, for their **3.20MW (4x800KW)** capacity wind power project.

**Developer:- M/s.Vish Wind Infrastructure LLP**

- Site:- Khandke, Tal.Ashti & dist. Beed (Vetted by NIWE Chennai).
- Investor:- M/s. Lalpur Wind Energy Pvt. Ltd:- 12.00MW (15x800KW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 4/6/2016 Khandke (Shedala) of Shri. Garad, Project Executive, Amravati, MEDA the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt Mast	NIWE/MEDA Mast		
	(2)			MW							MAS L in m.		Gut No.					
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					De g	Min	Sec	De g	Min	Sec						Khandke		
1	G-4	N116		0.8	19	07	08.0	74	57	05.3	827	874	63/2 i.e 63/2/A	Marathwadi (Pimpalgaon Ghat)	7.6	NA	-47	Within (+/-) 60 m elev. difference
2	G-4	N69		0.8	19	06	56	74	57	48.1	823	874	74	Harewadi (pimpalgaon Ghat)	6.3	NA	-51	Within (+/-) 60 m elev. difference
3	G-4	N71		0.8	19	06	45.8	74	58	02.4	802	874	94/U	Harewadi (pimpalgaon Ghat)	5.8	NA	-72	Above (+/-) 60 m elev. difference
4	G-4	N72		0.8	19	06	40.1	74	58	17.6	815	874	95/3	Harewadi (pimpalgaon Ghat)	5.4	NA	-59	Within (+/-) 60 m elev. difference
5	G-4	N73		0.8	19	06	36.4	74	58	25.6	814	874	97/E	Harewadi (pimpalgaon Ghat)	5.1	NA	-60	Within (+/-) 60 m elev. difference
6	G-4	N74		0.8	19	06	22.4	74	58	37.5	896	874	8/2	Deulgaon Ghat	4.6	NA	22	Within (+/-) 60 m elev. difference
7	G-4	N75		0.8	19	06	32.3	74	58	50.3	897	874	6	Deulgaon Ghat	4.4	NA	23	Within (+/-) 60 m elev. difference
8	G-4	N76		0.8	19	06	37.3	74	59	01.6	896	874	50	Deulgaon Ghat	4.2	NA	22	Within (+/-) 60 m elev. difference
9	G-4	N77		0.8	19	06	33.4	74	59	11.3	896	874	69/1	Deulgaon Ghat	3.9	NA	22	Within (+/-) 60 m elev. difference
10	G-4	N79		0.8	19	06	14.7	74	58	55.0	897	874	5	Deulgaon Ghat	4.1	NA	23	Within (+/-) 60 m elev. difference
11	G-4	N80		0.8	19	06	06.8	74	58	59.9	878	874	3/7	Deulgaon Ghat	3.8	NA	4	Within (+/-) 60 m elev. difference
12	G-4	N82		0.8	19	06	12.2	74	58	42.9	895	874	8/8	Deulgaon Ghat	4.4	NA	21	Within (+/-) 60 m elev. difference
13	G-4	N83		0.8	19	06	17.1	74	58	24.4	894	874	17/2	Deulgaon Ghat	4.9	NA	20	Within (+/-) 60 m elev. difference
14	G-4	N87		0.8	19	06	06.5	74	58	18.7	893	874	17/2	Deulgaon Ghat	5	NA	19	Within (+/-) 60 m elev. difference
15	G-4	N89		0.8	19	05	49.5	74	57	49.5	855	874	45/1	Deulgaon Ghat	5.8	NA	-19	Within (+/-) 60 m elev. difference

**Observations:-**

- Adjacent Wind Mast for the above mentioned wind power project is at location – Khandke, Tal & Dist. Ahmednagar (Latitude- N 19° 08' 00" Longitude- E 74° 52'

31" Elev.- 920 m amsl) having WPD- 250.00 watt/m<sup>2</sup> @ 50 m AGL declared by NIWE Chennai for MEDA.

- Nearest reference Wind Mast for the above mentioned wind power project is at location –Khandke,(Shedala) Tal- Ashti & Dist. Beed (Latitude- N 19° 05' 32.4" Longitude- E 75° 1' 6.1" Elev.- 874 m amsl) having WPD- 172.41 watt/m<sup>2</sup> @ 50 m AGL vetted by NIWE Chennai for M/s. Wind World (India) Ltd. vide letter no. C-Wet/WRA/120/2012-13 dtd. 30/1/2013.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- Above WTG's have directly commissioned by MSEDCL without IC and CC of MEDA.
- **Suggestions:-** 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. Lalpur Wind Energy Pvt. Ltd, for their **12.00MW (15x800KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Virendra Bhandarkar & Shri Sanjay Bhushan from M/s Vish Wind Infrastructure LLP present on behalf of M/s. Lalpur Wind Energy Pvt. Ltd. No objection raised by them and by representative of other developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue **wind zone-I** letter to M/s. Lalpur Wind Energy Pvt. Ltd, for their **12.00MW (15x800KW)** capacity wind power project.

**Developer:- M/s.Vish Wind Infrastructure LLP**

- Site:- Khandke, Tal. & dist. Ahmednagar (Vetted by NIWE Chennai).
- Investor:- M/s. Lalpur Wind Energy Pvt. Ltd:- 8.00MW(10x800KW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 5/6/2016 Khandke of Shri. R.M. Garad, Project Executive, Amravati, MEDA the WTG location wise 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.)	Remark	
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast			
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15	
				MW							MASL in m.				Gut No.				
					Deg	Min	Sec	Deg	Min	Sec									
1	G-6	A11		0.8	19	09	21.1	74	49	35.8	889	939	26	Devgaon	1.83		-50	Within (+/-) 60 m elev. difference	
2	G-6	A16		0.8	19	10	03.4	74	50	11.4	931	939	106 & 107	Devgaon	1.58		-8	Within (+/-) 60 m elev. difference	
3	G-8	A26		0.8	19	08	04.2	74	52	41.3	930	939	186	Ratdgaon	4.29		-9	Within (+/-) 60 m elev. difference	
4	G-6	A27		0.8	19	08	13.7	74	52	28.6	931	939	185	Ratdgaon	4.31		-8	Within (+/-) 60 m elev. difference	
5	G-6	N31		0.8	19	09	16.6	74	52	41.2	950	939	358	Agadgaon	3.59		11	Within (+/-) 60 m elev. difference	
6	G-6	N32		0.8	19	09	07.4	74	52	55.9	930	939	36	Khandke	4.04		-9	Within (+/-) 60 m elev. difference	
7	G-6	N33		0.8	19	08	55.3	74	52	48.1	946	939	445/B	Agadgaon	3.86		7	Within (+/-) 60 m elev. difference	
8	G-4	N41		0.8	19	08	42.8	74	53	38.6	872	939	63 & 66	Khandke	5.39		-67	Above (+/-) 60 m elev. difference	
9	G-4	N42		0.8	19	08	32.5	74	53	40.4	869	939	81	Khandke	5.51		-70	Above (+/-) 60 m elev. difference	
10		N45		0.8	19	08	13.5	74	54	01.9	854	939	90	Khandke	6.28		-85	Above (+/-) 60 m elev. difference	

**Observations:-**

- There is NIWE declared nearby MEDA mast at location - Khandke, Tal & Dist. Ahmednagar (Latitude- **N 19° 08' 00"** Longitude- **E 74° 52' 31"** Elev.- **920 m amsl**) having **WPD- 250.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA adjacent to the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Khandke (Devgaon), Tal. & District. Ahmednagar (Latitude- **N 19° 09' 19.20"** Longitude- **E 74° 50' 38.30"** Elev.- **942 m amsl**) having **WPD- 218.28 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Wind world (India) Ltd, Mumbai vide their letter no.C-WET/WRA/098/2014-2015 dated 15.12.2014.

- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- Above WTG's have directly commissioned by MSEDCL without IC and CC of MEDA.
- **Suggestions:-** 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. Lalpur Wind Energy Pvt. Ltd, for their **8.00MW (10x800KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Virendra Bhandarkar & Shri Sanjay Bhushan from M/s Vish Wind Infrastructure LLP. present on behalf of M/s. Lalpur Wind Energy Pvt. Ltd. No objection raised by them and by representative of other developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone-I** letter to M/s. Lalpur Wind Energy Pvt. Ltd, for their **8.00MW (10x800KW)** capacity wind power project.

**Developer:- M/s.Vish Wind Infrastructure LLP**

- Site:- Khandke, Tal. & dist. Ahmednagar (Vetted by NIWE Chennai for MEDA).
- Investor:- M/s. Lalpur Wind Energy Pvt. Ltd:- 8.00MW (10x800KW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 5/6/2016 Khandke (Devgaon), Tal. & District. Ahmednagar of Shri. R.M.Garad, Project Executive, Amravati, MEDA the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. between Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
	(2)			MW						MAS L in m.		Gut No.						
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (7- 8)	15
					De g	Min	Sec	De g	Min	Sec					Khandke (Devgaon)	Khandke		
1	C-403	A10	4228	0.8	19	09	16.0	74	49	35.3	897	939	25	Devgaon	1.84		-42	Within (+/-) 60 m elev. difference
2	C-404	A13	4227	0.8	19	09	32.2	74	49	40.5	890	939	33	Devgaon	1.74		-49	Within (+/-) 60 m elev. difference
3	C-407	A17	4223	0.8	19	10	50.3	74	50	52.7	958	939	761/1	Agadgaon	2.85		19	Within (+/-) 60 m elev. difference
4	C-406	N21	4229	0.8	19	08	30.5	74	51	57.9	939	939	160	Ratadgaon	2.77		0	Within (+/-) 60 m elev. difference
5	C-401	N28	4226	0.8	19	10	05.2	74	53	07.4	951	939	295	Agadgaon	4.58		12	Within (+/-) 60 m elev. difference
6	C-402	N29	4225	0.8	19	09	31.1	74	52	38.4	958	939	345	Agadgaon	3.53		19	Within (+/-) 60 m elev. difference
7	C-400	N30	4224	0.8	19	09	21.7	74	52	39.3	952	939	357	Agadgaon	3.54		13	Within (+/-) 60 m elev. difference
8	C-405	N44	4230	0.8	19	08	13.1	74	53	52.4	857	939	93	Khandke	6.03		-82	Above (+/-) 60 m elev. difference
9	C-398	N46	4231	0.8	19	08	05.1	74	54	08.9	839	939	31	Mathani	6.57		-100	Above (+/-) 60 m elev. difference
10	C-399	N47	4232	0.8	19	07	59.2	74	54	21.4	836	939	28	Mathani	6.97		-103	Above (+/-) 60 m elev. difference

**Observations:-**

- Adjacent Wind Mast for the above mentioned wind power project is at location – Khandke, Tal & Dist. Ahmednagar (Latitude- **N 19° 08' 00"** Longitude- **E 74° 52' 31"** Elev.- **920 m amsl**) having **WPD- 250.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Khandke (Devgaon), Tal. & District. Ahmednagar (Latitude- **N 19° 09' 19.20"** Longitude- **E 74° 50' 38.30"** Elev.- **942 m amsl**) having **WPD- 218.28**

**W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Wind world (India) Ltd, Mumbai vide their letter no.C-WET/WRA/098/2014-2015 dated 15.12.2014.

- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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. Lalpur Wind Energy Pvt. Ltd, for their **8.00MW (10x800KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Virendra Bhandarkar & Shri Sanjay Bhushan from M/s Vish Wind Infrasructure LLP present on behalf of M/s. Lalpur Wind Energy Pvt. Ltd. No objection raised by them and by representative of other developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone-I** letter to M/s. Lalpur Wind Energy Pvt. Ltd, for their **8.00MW (10x800KW)** capacity wind power project.

**Developer:- M/s. Wind World (India) Ltd.**

- Site:- Khanapur, Tal.Khatav/Khanapur, Dist. Satara/Sangli (Vetted by NIWE for M/s Enercon India Ltd/ M/s. Windworld India Ltd).
- Investor:- M/s. Khandke Wind Energy Pvt Ltd:- 7.20MW (9x800KW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd.3/6/2016 Khanapur of Shri. A. R. Karandikar, Technician, Girye, MEDA the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw. n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
	(2)			MW														
1	2	3	4	5	6	7	8	9	10	11	12	13	14= (7- 8)	15				
					De g	Min	Sec	De g	Min	Sec								
1	G-2	15		0.8	17	24	22.2	74	38	53.2	892	911	735	Kaledhon/ Khatav/ Satara	4.97		-19	Within (+/-) 60 m elev. difference
2	C-190	56	4255	0.8	17	26	47.4	74	40	27.4	903	911	3301	Kaledhon/ Khatav/ Satara	0.323		-8	Within (+/-) 60 m elev. difference
3	G-3	B6		0.8	17	23	40.6	74	40	56.3	847	911	344	Garalewadi/ Khatav/ Satara	5.54		-64	Above (+/-) 60 m elev. difference
4	G-3	B7		0.8	17	23	44.9	74	40	52.3	853	911	344	Garalewadi/ Khatav/ Satara	5.38		-58	Within (+/-) 60 m elev. difference
5	G-1	D1		0.8	17	23	54.9	74	39	24.6	887	911	381/ A/1	Devkhindi/ Khanapur/ Sangli	5.32		-24	Within (+/-) 60 m elev. difference
6	G-3	N16		0.8	17	24	05.7	74	41	12.1	847	911	333/ 334	Garalewadi/ Khatav/ Satara	4.89		-64	Above (+/-) 60 m elev. difference
7	D-1	N17	4256	0.8	17	24	13.4	74	41	15.5	841	911	328	Garalewadi/ Khatav/ Satara	4.68		-70	Above (+/-) 60 m elev. difference
8	D-1	N18	4257	0.8	17	24	23.9	74	41	12.5	845	911	320/ 321	Garalewadi/ Khatav/ Satara	4.35		-66	Above (+/-) 60 m elev. difference
9	D-1	N19	4258	0.8	17	24	30.2	74	41	11.8	842	911	318	Garalewadi/ Khatav/ Satara	4.16		-69	Above (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Adjacent Wind Mast for the above mentioned wind power project is at location – Bhud, Tal. Khanapur & Dist. Sangli (Latitude- **N 17° 20' 33.5"** Longitude- **E 74° 42' 6.8"** Elev.- **809 m amsl**) having **WPD- 224.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Khanapur, Tal. Khatav, District - Satara (Latitude- **N 17° 26' 37.1"** Longitude- **E 74° 40' 25.1"** Elev.- **903 m amsl**) having **WPD- 211.66 W/m<sup>2</sup> @ 50**



m AGL vetted by NIWE Chennai for M/s Enercon India Ltd/ M/s. Windworld India Ltd. vide their letter no. NIWE/WRA/038/2012-13/ dated. 12/1/2015.

- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall More than 50% WTG location co-ordinates of wind power project are **Above (+/-) 60 m** elevation difference of referred wind mast.
- Above WTG's have directly commissioned by MSEDCL without IC and CC of MEDA.
- **Suggestions:-** 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 letter to M/s. Khandke Wind Energy Pvt Ltd to obtain project specific wind power density report from NIWE for their **7.20MW (9x800KW)** capacity wind power project.
- **Minutes of Hearing:** Shri. Virendra Bhandarkar & Shri. Sanjay Bhushan from M/s Wind World India Ltd. present on behalf of M/s. Khandke Wind Energy Pvt Ltd. He suggested correction in the nomenclature in company name and same is accepted by committee. Further he requested orally not to refer it to NIWE and to decide **Wind Zone-I** as elevation of 6 WTG is below mast elevation. No objection raised by them and by representative of other developers present for the hearing.
- **Committee Recommendation:**  
Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and evaluated the said proposal with respect to above points. Committee concluded to issue the letter to M/s. Khandke Wind Energy Pvt Ltd to obtain project specific wind power density report from NIWE for their **7.20MW (9x800KW)** capacity wind power project.

**Developer:- M/s.T.S.Wind Power Developers.**

- Site:- Nandurpathar, Tal.Parner, Dist. Ahmednagar (Vetted by NIWE for M/s Kenersys India Pvt Ltd, Pune ).
- Investor :- M/s. Green Infra Corporate Solar Limited – 12.9 MW (4x2625KW) (1x2400KW). The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 6/6/2016 Nandurpathar of Shri. R.M. Garad, Project Executive, Amravati MEDA the WTG location wise 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 .	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. between . Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
	(2)			MW						MA SL in m.		Gut No.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14= (7- 8)	15				
					Deg	Min	Sec	Deg	Min	Sec				Nandurpathar/Kenersys				
1	F-16	NP26	NP26/NANDURPATHAR/AHMDNAGAR/KENERSYS/2.4MW/15-16/4457	2.4	19	05	54.3	74	16	14.8	857	906	1127	Darodi/Parner/Ahmednagar	4.66		-49	Within (+/-) 60 m elev. difference
2	F-17	NP28	NP28/NANDURPATHAR/AHMDNAGAR/KENERSYS/2.625MW/15-16/4461	2.625	19	05	42.9	74	16	16.0	862	906	1127	Darodi/Parner/Ahmednagar	4.91		-44	Within (+/-) 60 m elev. difference
3	F-17	NP29	NP29/NANDURPATHAR/AHMDNAGAR/KENERSYS/2.625MW/15-16/4462	2.625	19	05	34.0	74	16	20.2	862	906	1126	Darodi/Parner/Ahmednagar	5.19		-44	Within (+/-) 60 m elev. difference
4	F-17	NP30	NP30/NANDURPATHAR/AHMDNAGAR/KENERSYS/2.625MW/15-16/4463	2.625	19	5	26.8	74	16	25.0	862	906	1106	Darodi/Parner/Ahmednagar	5.47		-44	Within (+/-) 60 m elev. difference
5	F-18	NP31	NP31/NANDURPATHAR/AHMDNAGAR/KENERSYS/2.625MW/15-16/4464	2.625	19	5	14.5	74	16	29.6	867	906	1104	Darodi/Parner/Ahmednagar	5.79		-39	Within (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Adjacent Wind Mast for the above mentioned wind power project is at Village – Kavadya Dongar, Tal. Parner, District - Ahmednagar (Latitude- N 19<sup>0</sup> 00' 24.9" Longitude- E 74<sup>0</sup> 32' 2" Elev.- 900 m amsl) having **WPD- 277 W/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Nandurpathar, Tal. Parner, District - Ahmednagar (Latitude- N 19<sup>0</sup> 07' 29.64" Longitude- E 74<sup>0</sup> 14' 11.22" Elev.- 906 m amsl) having **WPD- 215 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Kenersys India Pvt Ltd vide their report on site Validation & Generation estimation dated 07.10.2014.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

- **Suggestions:-** 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. Green Infra Corporate Solar Limited for their **12.9 MW (4x2625KW) (1x2400KW)** capacity wind power project.
  
- **Minutes of Hearing:** Shri Amit Lakhanpal from M/s T.S. Wind Power Developers present on behalf of M/s. Green Infra Corporate Solar Limited. No objection raised by them and by representative of other developers present for the hearing.
  
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s. Green Infra Corporate Solar Limited for their **12.9 MW (4x2625KW) (1x2400KW)** capacity wind power project.

**Developer:- M/s.T.S.Wind Power Developers.**

- Site:- Nandurpathar, Tal. Parner, Dist. Ahmednagar (Vetted by NIWE for M/s Kenersys India Pvt Ltd, Pune ).
- Investor :- M/s. Green Infra Corporate Solar Limited – 9.6 MW (4x2400 KW) The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 6/6/2016 Nandurpathar of Shri. R.M. Garad, Project Executive, Amravati MEDA the WTG location wise 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.	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.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
	(2)			MW							MA SL in m.		Gut No.					
					De g	Min	Sec	De g	Min	Sec					Nandurpathar/Kenersys			
1		NP25	NP25/NANDURPATHAR/AHMDNAGAR/KENERSYS/2.4MW/15-16/4456	2.4	19	06	15.1	74	16	30.7	891	906	1127	Darodi/Parner/Ahmednagar	4.68		-15	Within (+/-) 60 m elev. difference
2		NP27	NP27/NANDURPATHAR/AHMDNAGAR/KENERSYS/2.4MW/15-16/4458	2.4	19	06	02.9	74	16	15.1	864	906	1127	Darodi/Parner/Ahmednagar	4.48		-42	Within (+/-) 60 m elev. difference
3		NP33	NP33/NANDURPATHAR/AHMDNAGAR/KENERSYS/2.4MW/15-16/4459	2.4	19	4	56.9	74	16	40.4	857	906	1095	Darodi/Parner/Ahmednagar	6.43		-49	Within (+/-) 60 m elev. difference
4		NP34	NP34/NANDURPATHAR/AHMDNAGAR/KENERSYS/2.4MW/15-16/4460	2.4	19	4	52.0	74	16	50.1	860	906	1092	Darodi/Parner/Ahmednagar	6.72		-46	Within (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Adjacent Wind Mast for the above mentioned wind power project is at Village – Kavadya Dongar, Tal. Parner, District - Ahmednagar (Latitude- N 19<sup>0</sup> 00' 24.9" Longitude- E 74<sup>0</sup> 32' 2" Elev.- 900 m amsl) having **WPD- 277 W/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Nandurpathar, Tal. Parner, District - Ahmednagar (Latitude- N 19<sup>0</sup> 07' 29.64" Longitude- E 74<sup>0</sup> 14' 11.22" Elev.- 907 m amsl) having **WPD- 152.92 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s TS Wind Power Developers vide their report dated 24.10.2013.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location coordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

- **Suggestions:-** 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. Green Infra Corporate Solar Limited for their **9.60MW (4x2400KW)** capacity wind power project.
  
- **Minutes of Hearing:** Shri Amit Lakhanpal from M/s T.S. Wind Power Developers present on behalf of M/s. Green Infra Corporate Solar Limited. No objection raised by them and by representative of other developers present for the hearing.
  
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s. Green Infra Corporate Solar Limited for their **9.60MW(4x2400KW)** capacity wind power project.

**Developer:- M/s.T.S. Wind Power Developers**

- Site :- Saighar, Tal. Javli, Dist. Satara (Vetted by NIWE for M/s T.S. Wind Power Developers , Satara).
- Investor:- M/s. NSL Wind Power Company Pvt. Ltd, Hyderabad – **3.0MW(2x1500KW)**. The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 5/6/2016 Saighar of Shri. S.N Sawant, Technician, Girye, MEDA the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L 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.)	Re mark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (7- 8)	15
	(2)			MW							MAS L in m.		Gut No.			Saighar Javli	Kas Satara	
1	C-396	WA-1	4387	1500	17	48	5.1	73	45	40	1224	1179	13/2Haki	Saighar (Kas)	2.93	8.50	45	Within (+/-) 60 m elev. difference
2	D-4	WA-2	4268	1500	17	48	0.1	73	45	45.5	1219	1179	13/2Haki	Saighar (Kas)	2.70	8.30	40	Within (+/-) 60 m elev. difference

**Observations:-**

- Adjacent Wind Mast for the above mentioned wind power project is at location – Kas, Tal & Dist.Satara (Latitude- **N 17° 44' 22.2"** Longitude- **E 73° 48' 32.4"** Elev.- **1232 m amsl**) having **WPD- 277.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for **MEDA**.
  - Nearest reference Wind Mast for the above mentioned wind power project is at location –Saighar, Tal Javli & Dist. Satara (Latitude- **N 17° 50' 51.1"** Longitude- **E 73° 48' 14.5"** Elev.- **1237 m amsl**) having **WPD- 214.46 watt/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s T.S. Wind Power Developers, Satara their Report on Verification of Procedure of Wind Monitoring at Saighar, Satara. reference no. C-WET/WRA/CF-012/2012-13 dtd. 16/4/2012.
  - As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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 or to obtain project specific wind power density report from NIWE Chennai

to M/s. NSL Wind Power Company Pvt. Ltd, Hyderabad, for their **3.00MW (2x1500KW)** capacity wind power project.

- **Minutes of Hearing:** Shri Amit Lakhanpal from M/s T.S. Wind Power Developers present on behalf of to M/s. NSL Wind Power Company Pvt. Ltd, Hyderabad,. He requested to consider their own mast which is nearest to project located at Saighar, Tal Javli & Dist. Satara (Latitude- N 17° 50' 51.1" Longitude- E 73° 48' 14.5" Elev.- 1237 m amsl) having **WPD- 214.46** watt/m2 @ 50 m AGL vetted by NIWE Chennai instead mast location –Kas, Tal & Dist.Satara (Latitude- N 17° 44' 22.2" Longitude- E 73° 48' 32.4" Elev.- 1232 m amsl) having **WPD- 277.00** watt/m2 @ 50 m AGL declared by NIWE Chennai for MEDA. No objection raised by them and by representative of other developers present for the hearing.
  
- **Committee Recommendation:**

Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and evaluated the said proposal with respect to above points. Committee concluded to issue the **wind zone - I** letter to M/s. NSL Wind Power Company Pvt. Ltd, Hyderabad, for their **3.00MW (2x1500KW)** capacity wind power project.

**Developer:- M/s.T.S. Wind Power Developers**

- Site:- Saighar, Tal., Dist. Satara (Vetted by NIWE for T.S.Wind Power Developers , Satara).
- Investor:- M/s. NSL Wind Power Company Pvt. Ltd, Hyderabad–**3.0MW(2x1500KW)**. The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 5/6/2016 Saighar of Shri. S.N Sawant, Technician, Girye, MEDA the WTG location wise 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.)	Rema rk
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
	(2)			MW														
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (7- 8)	15
					De g	Min	Sec	De g	Min	Sec					Saighar	Kas Satara		
1	C-397	S-05	4388	1500	17	45	28.3	73	47	25.3	1194	1179	2/Sahydr inagar		3.06	2.86	15	Within (+/-) 60 m elev. difference
2	C-397	S-06	4389	1500	17	45	22.7	73	47	35.8	1231	1179	2/Sahydr inaga	Javali/ Satara	3.28	2.49	52	Within (+/-) 60 m elev. difference

**Observations:-**

- Nearest Wind Mast for the above mentioned wind power project is at location – Kas, Tal & Dist. Satara (Latitude- **N 17° 44' 22.2"** Longitude- **E 73° 48' 32.4"** Elev.- **1232 m amsl**) having **WPD- 277.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- Developers reference Wind Mast for the above mentioned wind power project is at location –Saighar, Tal Javli & Dist. Satara (Latitude- **N 17° 50' 51.1"** Longitude- **E 73° 48' 14.5"** Elev.- **1237 m amsl**) having **WPD- 214.46 watt/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s T.S.Wind Power Developers, Satara vide their Report on Verification of Procedure of Wind Monitoring at Saighar, Satara reference no. C-WET/WRA/CF-012/2012-13 dtd. 16/4/2012.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of site Kas WRA Station Kas Tal & Dist Satara declared by NIWE Chennai for MEDA having WPD- 277.00 watt/m<sup>2</sup> @ 50 m AGL MEDA wind mast and overall 100% WTG location co-ordinates of wind power project are within (+/-) 60 m elevation difference of referred wind mast.
- **Suggestions:-** 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 - II**



letter to M/s. NSL Wind Power Company Pvt. Ltd, Hyderabad, for their **3.00MW (2x1500KW)** capacity wind power project.

- **Minutes of Hearing:** Shri Amit Lakhanpal from M/s T.S. Wind Power Developers present on behalf of M/s. NSL Wind Power Company Pvt. Ltd, Hyderabad. He requested to consider their own mast located at Saighar, Tal Javli & Dist. Satara (Latitude- N 17° 50' 51.1" Longitude- E 73° 48' 14.5" Elev.- 1237 m amsl) having **WPD- 214.46** watt/m<sup>2</sup> @ 50 m AGL vetted by NIWE Chennai instead mast location –Kas, Tal & Dist.Satara (Latitude- N 17° 44' 22.2" Longitude- E 73° 48' 32.4" Elev.- 1232 m amsl) having **WPD- 277.00** watt/m<sup>2</sup> @ 50 m AGL declared by NIWE Chennai for MEDA. No objection raised by representative of other developers present for the hearing.

➤ **Committee Recommendation:**

Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and evaluated the said proposal with respect to above points. Committee concluded to issue the letter to M/s. NSL Wind Power Company Pvt. Ltd, Hyderabad, to obtain project specific wind power density report from NIWE for their **3.00MW (2x1500KW)** capacity wind power project.

**Developer:- M/s.Suzlon Energy Ltd.**

- Site:-Chakla, Tal. & Dist. Nandurbar (Vetted by NIWE for MEDA )
- Investor:- M/s. Siddhayu Ayurvedic Research Foundation Pvt. Ltd, Nagpur – 4.85MW(1x1250KW) (1x1500KW) (1x2100KW).The project is commissioned during the financial year 2010-11, 2011-12.
- As per site visit reported on dtd. 10/6/2016 Chakla of Shri Gite, Project Executive, Nashik, MEDA the WTG location wise 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. MAS L in mtrs .	Ref. Mast Elev. MAS L in mtrs .	Forest Comp / Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. between Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
	(2)			MW						MAS L in m.		Gut No.						
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (7- 8)	15
					De g	Min	Sec	De g	Min	Sec					Chakala Suz	Chakala		
1		C-8	Nan/Chakala/Suz/15MW/D/10-11/2711	1500	21	18	12.8	74	18	3.2	396	368	137/Compt 132	Akhatwade/Nandurbar/Nandurbar	2.41	2.13	28	Within (+/-) 60 m elev. difference
2		C-62	Nan/Chakala/Suz/1.25MW/D/11-12/	1250	21	14	39.3	74	17	33.0	467	368	152/Compt 142	Thanepada/Nandurbar/Nandurbar	4.95	8.45	99	Above (+/-) 60 m elev. difference
3		C-14	Nan/Chakala/Suz/2.1MW/D/10-11/2859	2100	21	19	27.2	74	17	32.2	359	368	17/Comp. no. 131	Vadare/Nandurbar/Nandurbar	4.87	2.56	-9	Within (+/-) 60 m elev. difference

**Observations:-**

- Nearest Wind Mast for the above mentioned wind power project is at location – Chakla, Tal & Dist. Nandurbar (Latitude- **N 21° 19' 0.14"** Longitude- **E 74° 18' 59.9"** Elev.- **352 m amsl**) having **WPD- 323.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- Nearest reference Wind Mast given by developer for the for the above mentioned wind power project is at location –Chakla, Tal & Dist. Nandurbar (Latitude- **N 21° 16' 53"** Longitude- **E 74° 18' 30.2"** Elev.- **353 m amsl**) having **WPD- 227.78 watt/m<sup>2</sup> @ 50 m AGL vetted by NIWE** for M/s Suzlon Energy Ltd. vide their Letter reference no. c-wet-WRA/079/2008-09 dtd. 27/9/2010
- Nearest reference Wind Mast Certified by MEDA representative for the above mentioned wind power project is at location –Chakla, Tal & Dist. Nandurbar (Latitude- **N 21° 17' 4.9"** Longitude- **E 74° 18' 44.5"** Elev.- **368 m amsl**) having **WPD- .....watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- As per wind classification procedure, out of 3 WTG, 2 WTGs are near to MEDA-Chakla WRA station and 1 WTG's is near to Suzlon-Chakla WRA station. Above project is within effective area (10 km radial distance) of two WRA stations

having different WPD corresponding to **Wind Zone-I** and **Wind Zone-III**. 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

- **Suggestions:-** 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 **wind zone-III** letter to M/s. Siddhayu Ayurvedic Research Foundation Pvt. Ltd. Nagpur, for their **4.85MW(1x1250KW) (1x1500KW) (1x2100KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Rajesh Naik from M/s Suzlon Energy Ltd. present on behalf of M/s. Siddhayu Ayurvedic Research Foundation Pvt. Ltd. Nagpur, on behalf of M/s. Siddhayu Ayurvedic Research Foundation Pvt. Ltd. Nagpur, he has Submitted written submission requesting to consider the NIWE site specific wind power density report dtd. 1/2/2016 for their **4.85MW** project and to issue **Wind Zone-I** letter. This submission placed on record. No objection raised by other representative of developers present for the hearing.

➤ **Committee Recommendation:**

Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and evaluated the said proposal with respect to above points. Committee concluded to issue the **wind zone-I** letter to M/s. Siddhayu Ayurvedic Research Foundation Pvt. Ltd. Nagpur, for their **4.85MW(1x1250KW) (1x1500KW) (1x2100KW)** capacity wind power project.

**Developer:- M/s. Sri Maruti Wind Park Developers**

- Site:- Vaspeth, Tal.Jath & Dist. Sangli (Vetted by NIWE Chennai).
- Investor:- M/s. Pudhari Publication Pvt. Ltd- 2.00MW (1x2000 kW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 1/6/2016 Vaspeth of Shri.V.R.Pawaskar, Sr.Technician, Girye, MEDA. The WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MED A WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WT G Elev . MAS L in mtrs .	Ref. Mast Elev. MAS L 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.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
	(2)			MW														
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
					De g	Min	Sec	De g	Min	Sec						Vaspeth		
1		Gv-9x-15	4314	2.0	17	05	26.8	75	19	37.8	669	680	356/2 & 410/1	Kolgiri		3.42	-11	Within (+/-) 60 m elev. difference

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location – Vaspeth, Tal.Jath & Dist. Sangli (Latitude- **N 17° 06’ 10.30’’** Longitude- **E 75° 21’ 24.40’’** Elev.- **680 m amsl**) having **WPD- 220.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- Above WTG’s have directly commissioned by MSEDCL without CC of MEDA.
- **Suggestions:-** 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. Pudhari Publication Pvt. Ltd.*, for their **2.00MW (1x2000 kW)** capacity wind power project.
- **Minutes of Hearing:** Shri Arul Balan and Shri Amit Pednekar from M/s Gamesa Renewable Pvt. Ltd. present on behalf of M/s. Pudhari Publication Pvt. Ltd. No objection raised by them and representative of other developers present for the hearing
- **Committee Recommendation:** Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s. Pudhari Publication Pvt. Ltd, for their 2.00MW (1x2000 kW) capacity wind power project.

**Developer:- M/s. Sri Maruti Wind Park Developers**

- Site:- Nigdi, Tal.Jat & dist. Sangli (Vetted by NIWE Chennai for Gamesa Wind Turbines Pvt. Ltd. ).
- Investor:- M/s. Energon MH Wind Power Pvt. Ltd:- **14.00MW (7x2000 kW)**. The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 2/6/2016 Nigdi of Shri. V.R.Pawaskar, Sr.Technician, Girye, MEDA the WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MED A WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WTG Elev. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
	(2)			MW							MAS L in m.		Gut No.					
1	G-28	J97/1-233		2.0	17	03	00.3	75	15	17.3	731	700	360 & 361	Salekiri	7.23		31	
2	D-17	J97/1-242		2.0	17	05	35.4	75	14	34.3	696	700	110	Achonalli	3.15		-4	
3	E-11	J97/1-258	4310	2.0	17	00	19.0	75	17	28.8	688	700	324	Salekiri	8.41		-12	
4	G-26	J97/1-261		2.0	17	05	44.7	75	14	10.7	680	700	103/1	Achonalli	3.59		-20	
5	G-29	J97/1-268		2.0	17	06	46.4	75	13	55.1	675	700	21/1/1	Achonalli	2.70		-25	
6	G-29	J97/1-272		2.0	17	06	46.1	75	13	36.8	671	700	17/2	Achonalli	4.21		-29	
7	G-25	J97/1-275		2.0	17	06	52.9	75	15	13.7	693	700	59/1A /3	Achonalli	1.40		-7	

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location – Nigdi, Tal.Jat & dist. Sangli (Latitude- N 17<sup>0</sup> 06' 38.30" Longitude- E 75<sup>0</sup> 15' 58.50" Elev.- 700 m amsl) having WPD- 205.82 watt/m2 @ 50 m AGL vide letter no. C-WET/WRA/069/2012-13 dtd. 30/6/2014. for M/s. Gamesa wind Turbines Pvt. Ltd. Manufacturer of WTG.
  - As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
  - Above WTG's have directly commissioned by MSEDCL without IC and CC of MEDA.
- **Suggestions:-** 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. Energon MH Wind Power Pvt. Ltd, for their **14.00MW (7x2000 kW)** capacity wind power project.
- **Minutes of Hearing:** Shri Arul Balan and Shri Amit Pednekar from M/s Gamesa Renewable Pvt. Ltd. present on behalf of M/s. Energon MH Wind Power Pvt.

Ltd. No objection raised by them and representative of other developers present for the hearing

➤ **Committee Recommendation:**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s. Energon MH Wind Power Pvt. Ltd, for their **14.00MW (7x2000 kW)** capacity wind power project.

**Developer:- M/s. Sri Maruti Wind Park Developers**

- Site:- Sanmadi, Tal.Jath & dist.Sangli (Declared by NIWE Chennai).
- Investor:- M/s. Renew Wind Park Energy (Devgharh) Pvt. Ltd:- 9.00 MW (6x1500KW). The project is commissioned during the financial year 2013-14.
- As per site visit on Sanmadi of Shri V.R.Pawaskar, Sr.Technician, Girye, MEDA the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remarks
					De g	Min	Sec	De g	Min	Sec					Pvt Mast	NIWE/ MEDA Mast		
	(2)			MW						MAS L in m.		Gut No.						
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					De g	Min	Sec	De g	Min	Sec					Sanmadi			
1	C-423	RVP3-21	4008	1.5	17	06	34.6	75	16	49.7	690	650	21	Nigdi Khurd		5.6	40	
2	C-424	RVP3-205	3942	1.5	17	07	40.5	75	15	09.8	682	650	205 & 205/2	Nigdi Khurd		7.7	32	Within (+/-) 60 m elev. difference
3	C-425	RVP3-190A	4010	1.5	17	10	03.1	75	18	26.7	616	650	190/1	Gholeswar		3.3	-34	
4	C-427	RVP3-190B	4011	1.5	17	09	50.7	75	18	23.7	620	650	190/1	Gholeswar		3.5	-30	
5	C-427	RVP3-1906	4012	1.5	17	09	41.2	75	18	18.9	623	650	190/1	Gholeswar		3.7	-27	
6	C-426	RVP3-194	4013	1.5	17	09	26.5	75	18	18.3	637	650	194	Gholeswar		3	-13	

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location – Sanmadi, Tal.Jath & Dist. Sangli (Latitude- N 17°08'15.7" Longitude- E 75°19'36.3" Elev.- 650 m amsl) having WPD-200.46 watt/m<sup>2</sup> @ 50 m AGL declared by NIWE Chennai for MEDA.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
  - **Suggestions:-** 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. Renew Wind Park Energy (Devgharh) Pvt. Ltd, for their **9.00MW (6x1500KW)** capacity wind power project.
  - **Minutes of Hearing:** None present from M/s. Renew Wind Park Energy (Devgharh) Pvt. Ltd. No objection raised by other representative of developers present for the hearing.
  - **Committee Recommendation:** Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of

this Committee concluded to issue a **wind zone - I** letter to M/s. Renew Wind Park Energy (Devgharh) Pvt. Ltd, for their **9.00MW (6x1500KW)** capacity wind power project.



**Developer:- M/s. Sri Maruti Wind Park Developers**

- Site:- Mendhegiri, Tal.Jat & dist. Sangli (Vetted by NIWE Chennai for MEDA).
- Investor:- M/s. Energon MH Wind Power Pvt. Ltd:- 16.00MW (8x2000KW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 2/6/2016 Mendhegiri of Shri. V.R. Pawaskar, Sr.Technician, Girye, MEDA the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt Mast	NIWE/ MEDA Mast		
	(2)			MW														
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (7-8)	15
					De g	Min	Sec	De g	Min	Sec						Mend hegiri		
1		J97/2-5		2.0	16	59	7.7	75	14	45.6	736	745	46	Mendhegiri		2.65	-09	Within (+/-) 60 m elev. difference
2		J97/2-175	4309	2.0	16	59	46.5	75	16	15.6	717	745	33/1A	Untwadi		5.16	-28	
3		J97/2-166		2.0	17	0	21.64	75	16	37.17	694	745	24/4/1 &25	Untwadi		5.94	-51	
4		J97/2-234	4311	2.0	17	1	47.73	75	16	25.86	690	745	54/1B	Amrutwadi		6.76	-55	
5		J97/2-164		2.0	16	58	48.2	75	16	43.5	706	745	6/2	Untwadi		6.15	-39	
6		J97/2-165		2.0	16	59	15.9	75	16	33.6	719	745	11/1& 12/2	Untwadi		5.71	-26	
7		J97/2-185	4312	2.0	17	2	6.40	75	15	43.23	702	745	2	Amrutwadi		6.20	-43	
8		J97/2-	4313	2.0	16	57	23.9	75	15	17.3	731	745	92	Khojanwadi		5.35	-14	

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location –Mendhegiri, Tal-Jath & Dist. Sangali (Latitude- **N 16° 59’ 37.6’’** Longitude- **E 75° 13’ 21.0’’** Elev.- 745 m amsl) having **WPD- 208.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- Above WTG’s have directly commissioned by MSEDCL without CC of MEDA.
- **Suggestions:-** 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. Energon MH Wind Power Pvt. Ltd, for their **16.00MW (8x2000KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Arul Balan and Shri. Amit Pednekar from M/s Gamesa Renewable Pvt. Ltd. present on behalf of M/s. Energon MH Wind Power Pvt. Ltd. No objection raised by them and representative of other developers present for the hearing
- **Committee Recommendation:**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s. Energon MH Wind Power Pvt. Ltd, for their **16.00MW (8x2000KW)** capacity wind power project.

**Developer:- M/s. Acorn Properties Pvt Ltd. (M/s Kenersys)**

- Site:- Girijashankarwadi, Tal. Khatav, Dist. Satara (Vetted by NIWE for M/s Kenersys India Pvt Ltd, Pune).
- Investor:- M/s Giriraj Enterprises, Ahmednagar:-12.00MW (6x2000KW). The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 2/6/2016 Girijashankarwadi of Shri. R.A.Karndikar, Technician, Girye MEDA the WTG location wise 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	Ref. Mast Ele v. MA SL in	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NI WE / ME DA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
	(2)			MW							MASL in m	m.		Gut No.				
					Deg	Min	Sec	Deg	Min	Sec						Girija Shankar wadi		
1	C-408	GSW-31	Satara/Girijashan di/kenersys/2.0M /2014-15/4027	2	17	26	12.8	74	14	52.6	896	892	1556A	Rajachekurle/K tav/ Satara	0.412		4	
2	C-408	GSW-32	Satara/Girijashan di/kenersys/2.0M /2014-15/4028	2	17	26	08.1	74	14	58.6	929	892	1556A	Rajachekurle/K tav/ Satara	0.446		37	
3	C-408	GSW-33	Satara/Girijashan di/kenersys/2.0M /2014-15/4029	2	17	26	02.8	74	15	03.6	935	892	1556A	Rajachekurle/K tav/ Satara	0.588		42	Within 60 m lev. erence
4	C-408	GSW-34	Satara/Girijashan di/kenersys/2.0M /2014-15/4030	2	17	25	57.7	74	15	08.9	948	892	1555	Rajachekurle/K tav/ Satara	0.772		56	
5	C-408	GSW-35	Satara/Girijashan di/kenersys/2.0M /2014-15/4031	2	17	25	53.5	74	15	15.0	942	892	1554	Rajachekurle/K tav/ Satara	0.950		50	
6	C-408	GSW-36	Satara/Girijashan di/kenersys/2.0M /2014-15/4032	2	17	26	50.7	74	13	49.1	898	892	1810	Rajachekurle/K tav/ Satara	2.340		6	

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Girijashankarwadi, Tal. Khatav, District - Satara (Latitude- **N 17° 26' 22.0"** Longitude- **E 74° 15' 2.4"** Elev.- **892 m amsl**) having **WPD- 237.27 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Kenersys India Pvt Ltd, Pune their Report on Verification of Procedure of Wind Monitoring at Girijashankarwadi, Satara. vide letter C-WET/WRA/004/2010-11 dtd. 7/2/2014.for M/s. Kenersys India Pvt. Ltd. WTG Manufacturer
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

➤ **Suggestions:-** 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 Giriraj Enterprises for their **12.00MW (6x2000KW)**. capacity wind power project.

➤ **Minutes of Hearing:** None present from M/s Giriraj Enterprises, Mumbai. No objection raised by other representative of developers present for the hearing.

➤ **Committee Recommendation:**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s Giriraj Enterprises for their **12.00MW (6x2000KW)**. capacity wind power project.

**Developer:- M/s. Suzlon Energy Ltd., Pune.**

- Site:- Ghodewadi (Paste), Tal. Sinner, Dist. Nashik (Vetted by NIWE for M/s Suzlon Infrastructure Services Ltd, Pune).
- Investor:- M/s. Amrik Singh & Sons Crane Services Pvt Ltd, Mumbai:- 6.30 MW (3x2100KW).The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 3/6/2016 Ghodewadi of Shri. Gite, Project Executive, Divisional Office, MEDA, Nashik the WTG location wise 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. MAS L in	Ref. Mast Elev. MASL in	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
	(2)			MW							MAS L in m	m.	Gut No.					
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
					De g	Min	Sec	De g	Min	Sec					Ghodewadi	Aundhewadi		
1	C-415	S03	S-03/2100kw/WW/ D / 14-5/4307	2.1	19	51	26.3	73	55	45.8	715	758	499/5	Paste, Sinnar, Nashik	3.9	11.30-	-43	Within (+/-) 60 m elev. difference
2	C-415	S04	S-2100kw/2.1M D/ 14-15/4308	2.1	19	51	37.3	73	55	44.7	719	758	499/3	Paste, Sinnar, Nashik	4.2	11.74-	-39	
3	C-415	S01	S-01/2100kw/2.1MW/D/ 14-15/4306	2.1	19	51	48.6	73	55	45.2	717	758	499/2	Paste, sinnar, Nashik	4.6	12.18	-41	

**Observations:-**

- Adjacent Wind Mast for the above mentioned wind power project is at location – Aundhewadi, Tal – Sinnar & Dist. Nashik (Latitude- **N 19° 45' 53.3"** Longitude- **E 73° 52' 55.8"** Elev.- 858 m amsl) having **WPD- 324.00 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA .
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Ghodewadi (Paste), Tal. Sinner, District - Nashik (Latitude- N 19° 49' 23.2" Longitude- E 73° 55' 6.7" Elev.- 765 m amsl) having **WPD- 204.22 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Suzlon Infrastructure Services Ltd, Pune vide their letter no. C-WET/WRA/051/2011-2012 dated 24.01.2012.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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. Amrik Singh & Sons Crane Services Pvt Ltd, Mumbai for their **6.30 MW (3x2100KW)**. capacity wind power project.
- **Minutes of Hearing:** none present from M/s. Amrik Singh & Sons Crane Services Pvt Ltd, Mumbai. No objection raised by other representative of developers present for the hearing.

➤ **Committee Recommendation:**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a **wind zone - I** letter to M/s. Amrik Singh & Sons Crane Services Pvt Ltd, Mumbai for their **6.30 MW (3x2100KW)**. capacity wind power project.

**Developer:- M/s. Sri Maruti Wind Park Developers.**

- Site:- Bhendwade, Tal. Shahuwadi, Dist. Kolhapur (Vetted by NIWE Chennai for MEDA).
- Investor:- M/s.S.Kumar, Rajkot:- 0.85 MW (1x850KW).The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 30/5/2016 Bhendwade of Shri. Vijay Pawaskar(Technician), Girye the WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MED A WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WTG Elev. MASL in mtrs.	Ref. Mast Elev. MASL in mtrs.	Fore st Com p/Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
				MW							MASL in m.							
1	2	3	4	5	6			7			8	9	10	11	12	13	14=- (8- 9)	15
					Deg	Min	Sec	Deg	Min	Sec						Bhendwade		
1	D-8	GAL-29	4315	0.850	16	58	36.6	73	55	4.68	794	858	217	Karungale/ Shahuwadi/ Kolhapur		2.33	-64	Above(+/-) 60 m elev. difference

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location –Bhendwade, Tal Shahuwadi & Dist. Kolhapur (Latitude- **N 17° 01’ 97.3’’** Longitude- **E 73° 52’ 89.5’’** Elev.- **812 m amsl** (as per site visit report **N 16° 58’ 53.60’’** Longitude- **E 73° 54’ 50.10’’** Elev.- **858 m amsl**) having **WPD- 223.0 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **Above (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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 a letter to M/s.S.Kumar, Rajkot to obtain project specific wind power density report from NIWE for their **0.85 MW (1x850 kW)** capacity wind power project.
- **Minutes of Hearing:** None present from M/s. S.Kumar, Rajkot. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation:**  
Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and evaluated the said proposal with respect to above points. Committee concluded to issue the letter to M/s.S.Kumar, Rajkot to obtain project specific wind power density report from NIWE for their **0.85 MW (1x850 kW)** capacity wind power project.

**Developer:- M/s. Sri Maruti Wind Park Developers.**

- Site:- Bhendwade, Tal. Shahuwadi, Dist. Kolhapur (Vetted by NIWE Chennai for MEDA).
- Investor:- M/s. Sri Vijayeebhava Enterprises Pvt. Ltd:- 0.85 MW (1x850KW).The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 30/5/2016 Bhendwade of Shri. Vijay Pawaskar (Technician), Girye the WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MED A WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WTG Elev. MASL in mtrs.	Ref. Mast Elev. MASL in mtrs.	Fore st Com p/Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
				MW						MASL in m.		Gut No.						
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
1	D-18	GAL-28	5135	0.850	16	58	47.05	73	55	5.43	800	858	221	Karangule/ Shahuwadi/ Kolhapur		2.04	-58	Within(+/-) 60 m elev. difference

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location –Bhendwade, Tal Shahuwadi & Dist. Kolhapur (Latitude- **N 17° 01' 97.3"** Longitude- **E 73° 52' 89.5"** Elev.- **812 m amsl** (as per site visit report **N 16° 58' 53.60"** Longitude- **E 73° 54' 50.10"** Elev.- **858 m amsl**)) having **WPD- 223.0 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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.Sri Vijayeebhava Enterprises Pvt. Ltd for **their 0.85MW (1x850KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Arul Balan and Shri Amit Pednekar from M/s Gamesa Renewable Pvt. Ltd. present on behalf of M/s.Sri Vijayeebhava Enterprises Pvt. Ltd No objection raised by them and representative of other developers present for the hearing
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s. Sri



Vijayeebhava Enterprises Pvt. Ltd for **their 0.85MW (1x850KW)** capacity wind power project.

**Developer:- M/s. Sri Maruti Wind Park Developers.(M/s Gamesa Wind Turbines Pvt Ltd.)**

- Site:- Bhendwade, Tal. Shahuwadi, Dist. Kolhapur (Vetted by NIWE Chennai for MEDA).
- Investor:- M/s. Interocean Shipping Company, New Delhi:- 0.85 MW (1x850KW).The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 30/5/2016 Bhendwade of Shri. Vijay Pawaskar(Technician), Girye the WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Location No.	MED A WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WTG Elev. MAS L in mtrs.	Ref. Mast Elev. MASL in mtrs.	Fore st Com p/Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
				MW						MAS L in m.								
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
					Deg	Min	Sec	Deg	Min	Sec						Bhendwade		
1	E-8	GAL-16	4316	0.850	16	59	32.5	73	55	43.35	836	858	190	Altur		0.33	-22	Within(+/-) 60 m elev. difference

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location –Bhendwade, Tal Shahuwadi & Dist. Kolhapur (Latitude- **N 17° 01' 97.3"** Longitude- **E 73° 52' 89.5"** Elev.- **812** m amsl (as per site visit report **N 16° 58' 53.60"** Longitude- **E 73° 54' 50.10"** Elev.- **858** m amsl)) having **WPD- 223.0 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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.Interocean Shipping Company for their **0.85MW (1x850KW)** capacity wind power project.
- **Minutes of Hearing:** Shri Arul Balan and Shri Amit Pednekar from M/s Gamesa Renewable Pvt. Ltd. present on behalf of M/s.Interocean Shipping Company. No objection raised by them and representative of other developers present for the hearing

➤ **Committee Recommendation:**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone-I** letter to M/s. Interocen Shiping Company for their **0.85MW (1x850KW)** capacity wind power project.

**Developer:-M/s. Sri Maruti Wind Park Developers.**

- Site:- Jadhawwadi, Tal. Khanapur, Dist. Sangli, (Vetted by NIWE for M/s ReGen Powertech Pvt Ltd, Chennai).
- Investor:- M/s.Clean Wind Power (Satara) Pvt Ltd:- **2.00 MW (1x2000KW)**.The project is commissioned during the financial year 2015-16.
- As per site visit on Jadhawwadi of Shri.Vijay Pawaskar, Technician, Girye MEDA the WTG location wise 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. MAS L in	Ref. Mast Elev. MAS L in	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De	Min	Sec	De	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
				MW							MAS L in m	m.	Gut No.					
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					De	Min	Sec	De	Min	Sec					Jadhav wadi			
1	C-457	HC-11	4380	2.00	17	14	52.7	74	40	17.4	877	860	48	Kacharewadi/ Tasgaon/Sangli	6.00		17	Within(+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Jadhawwadi, Tal. Khanapur, District - Sangli (Latitude- N 17<sup>0</sup> 18' 02.2" Longitude- E 74<sup>0</sup> 41' 10.7" Elev.- 860 m amsl) having **WPD- 184.96 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. ReGen Powertech Pvt. Ltd, Chennai their Report on Verification of Procedure of Wind Monitoring at Jadhawwadi, Sangli vide no. C-WET/WRA/141/2012-13 dtd. 24/9/2013.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions :-** 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.Clean Wind Power (Satara) Pvt Ltd for their **2.00MW (1x2000KW)** capacity wind power project.
- **Minutes of Hearing:** None present from M/s.Clean Wind Power (Satara) Pvt Ltd. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone-I** letter to M/s.Clean Wind

Power (Satara) Pvt Ltd for their **2.00MW (1x2000KW)** capacity wind power project.

**Developer:- M/s. Sri Maruti Wind Park Developers.**

- Site:- Jadhawadi, Tal. Khanapur, Dist. Sangli, (Vetted by NIWE for M/s ReGen Powertech Pvt Ltd, Chennai).
- Investor:- M/s. Orange Maha Wind Energy Pvt Ltd, New Delhi:- **24.00 MW (12x2000KW)**.The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 3/6/2016 Jadhawadi of Shri.Vijay Pawaskar, Technician, Girye MEDA the WTG location wise 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. MAS L in m	Ref. Mast Elev. MAS L in m.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					WTG Cap. MW	WTG Cap. MW	WTG Cap. MW	WTG Cap. MW	WTG Cap. MW	WTG Cap. MW					Pvt. Mast	NIWE/MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					Deg	Min	Sec	Deg	Min	Sec					Jadhawadi			
				MW							MAS L in m	m.	Gut No.					
1	C-466	Ben-5	4341	2.00	17	15	39.3	74	46	7.2	822	860	457	Benapur/ Khanapur/ Sangli	9.71		-38	Within (+/-) 60 m elev. difference
2	C-466	Ben-4	4340	2.00	17	15	29.6	74	45	30.8	830	860	459	Benapur/ Khanapur/ Sangli	8.9		-30	
3	C-465	Ben-1	4337	2.00	17	15	57.9	74	45	5.6	826	860	362	Benapur/ Khanapur/ Sangli	7.9		-34	
4	C-462	Ben-3	4339	2.00	17	15	52.6	74	45	20.3	834	860	418	Benapur/ Khanapur/ Sangli	8.3		-26	
5	C-464	Ben-2	4338	2.00	17	15	38.9	74	45	21.7	823	860	431	Benapur/ Khanapur/ Sangli	8.6		-37	
6	C-463	UN-2	4361	2.00	17	15	54.5	74	45	50.4	815	860	427	Benapur/ Khanapur/ Sangli	9.0/10.24		-45	
7	C-458	G-308	4342	2.00	17	16	51.4	74	41	31.1	895	860	308	Jadhawadi/ Khanapur/ Sangli	2.2		35	
8	C-459	K-13	4345	2.00	17	14	47.5	74	41	54.2	896	860	536	Khanapur/ Sangli	6.1		36	
9	C-461	UN-54	4359	2.00	17	14	37.9	74	41	46.2	896	860	496	Posewadi/ Khanapur/ Sangli	6.3		36	
10	C-460	K-14	4357	2.00	17	14	37.6	74	41	21.3	880	860	530	Posewadi/ Khanapur/ Sangli	6.2		20	
11	F-7	HC-09	4343	2.00	17	14	27.1	74	39	41.2	869	860	187	Kacherewadi/ Tasgaon/ Sangli	7.1		09	
12	C-447	UN-55	4358	2.00	17	14	19.3	74	39	51.9	860	860	238	Kacherewad Tasgaoni/ Sangli	7.21		00	

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Jadhawadi, Tal. Khanapur, District - Sangli (Latitude- N 17° 18' 02.2" Longitude- E 74° 41' 10.7" Elev.- 860 m amsl) having **WPD- 184.96 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. ReGen Powertech Pvt. Ltd, Chennai their Report on Verification of Procedure of Wind Monitoring at Jadhawadi, Sangli vide no. C-WET/WRA/141/2012-13 dtd. 24/9/2013.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-

ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

- Distance of WTG-UN-2 is @ 10.24 km from reference Wind Mast.
- **Suggestions:-** 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 letter to M/s.Orange Maha Wind Energy Pvt Ltd, New Delhi to obtain project specific WPD report from NIWE for their **24.00MW (12x2000KW)**. capacity wind power project.
- **Minutes of Hearing:** Shri Ankush Dhane of M/s.Orange Maha Wind Energy Pvt Ltd, New Delhi and Mr. Vinayak Shelke of M/s. Shree Maruti Wind Park Developers present on behalf of M/s.Orange Maha Wind Energy Pvt Ltd, New Delhi. M/s.Orange Maha Wind Energy Pvt Ltd, New Delhi has submitted a letter that location UN-02 is at 9.1km distance from wind mast location as per Joint inspection report and toposheet table Scrutiny. Hence all WTG's locations are within 10km radial distance from reference wind mast @ Village – Jadhavwadi, Tal. Khanapur, District - Sangli (Latitude- N 17<sup>0</sup> 18' 02.2" Longitude- E 74<sup>0</sup> 41' 10.7" Elev.- 860 m amsl) having WPD- 184.96 W/m<sup>2</sup> @ 50 m AGL vetted by NIWE Chennai. also requested to issue **Wind Zone-I** letter. This submission placed on record. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation:**

Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and evaluated the said proposal with respect to above points. Committee concluded to issue the **wind zone - I** letter to M/s.Orange Maha Wind Energy Pvt Ltd, New Delhi for their **24.00MW (12x2000KW)** of 12 WTG's wind power project as per above list.

**Developer:- M/s. Sri Maruti Wind Park Developers.**

- Site:- Sanmadi, Tal. Jath, Dist. Sangli (Vetted by NIWE Chennai for MEDA).
- Investor:- M/s. NSL Wind Power Company (Kayathar) Pvt Ltd:- **12.00MW (8x1500KW)**.The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 2/6/2016 Sanmadi of Shri. Vijay Pawaskar (Technician), Girye the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Fores t Com p/Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
				MW														
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					Deg	Min	Sec	Deg	Min	Sec						Sanmadi /Jath/ Sangli		
1	C-439	NSLP1-407	3934	1500	17	8	53.2	75	14	37.8	666	650	407	Wayphal/ Jath/ Sangli		8.7	16	Within(+/-) 60 m elev. difference
2	C-442	NSLP1-216	4215	1500	17	8	55.3	75	16	3.8	653	650	216	Wayphal Jath/ Sangli		6.2	03	
3	C-441	NSLP1-252A	4359	1500	17	7	5.9	75	14	8.6	674	650	252	Benali Jath/ Sangli		9.7	24	
4	C-441	NSLP1-252B	4216	1500	17	7	17.3	75	14	6.2	670	650	252	Benali Jath/ Sangli		9.7	20	
5	C-440	NSLP1-236	4214	1500	17	8	14.9	75	15	2.8	674	650	236	Wayphal Jath/ Sangli		7.8	24	
6	C-438	NSLP1 169A	4092	1500	17	9	4.6	75	14	2.4	656	650	169	Benali Jath/ Sangli		9.7	06	
7	C-438	NSLP1-169	4091	1500	17	8	54.8	75	14	3.5	660	650	169	Benali Jath/ Sangli		9.7	10	
8	E-15	NSLP1-172	4364	1500	17	4	17.5	75	17	16.7	708	650	171 & 172	Valsang Jath/ Sangli		8.3	58	

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location –Sanmadi, Tal Jath & Dist. Sangli (Latitude- **N 17° 08’ 15.7’’** Longitude- **E 75° 19’ 36.3’’** Elev.- **650 m amsl**) having **WPD- 200.46 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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.NSL Wind Power Company (Kayathar) Pvt Ltd for their **12.00MW (8x1500KW)** capacity wind power project.



- **Minutes of Hearing:** None present from M/s.NSL Wind Power Company (Kayathar) Pvt Ltd. No objection raised by other representative of developers present for the hearing.
  
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s.NSL Wind Power Company (Kayathar) Pvt Ltd for their **12.00MW (8x1500KW)** capacity wind power project.

**Developer:- M/s. Acorn Properties Pvt Ltd.(M/s Kenersys (India) Pvt Ltd., Pune)**

- Site:- Girijashankarwadi, Tal. Khatav, Dist. Satara (Vetted by NIWE for M/s Kenersys India Pvt Ltd, Pune).
- Investor:- M/s.Tata Power Renewable Energy Limited, Mumbai:- **6.00 MW (3x2000KW)**. The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 2/6/2016 Girijashankarwadi of Shri. R.A. Karndikar, Technician, Girye MEDA the WTG location wise 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	Ref. Mast Elev. MASL in	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
	(2)			MW						MASL in m	m.	Gut No.						
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					Deg	Min	Sec	Deg	Min	Sec					Girija Shankar wadi			
1	G-11	GSW-13		2.0	17	28	3.4	74	14	2.7	947	892	599, 600, 604, 605	Girijashankar wadi/Khatav/ Satara	3.56		55	Within (+/-) 60 m elev. difference
2	G-11	GSW-18		2.0	17	27	32.2	74	14	1.6	951	892	1783/3	Rajachekurle/ Khatav/ Satara	2.80		59	Within (+/-) 60 m elev. difference
3	G-11	GSW-20		2.0	17	27	50.9	74	14	9.4	971	892	564	Girijashankar wadi/Khatav/ Satara	3.15		79	Above (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Girijashankarwadi, Tal. Khatav, District - Satara (Latitude- N 17<sup>0</sup> 26' 22.0" Longitude- E 74<sup>0</sup> 15' 2.4" Elev.- 892 m amsl) having **WPD- 237.27 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Kenersys India Pvt Ltd, Pune their Report on Verification of Procedure of Wind Monitoring at Girijashankarwadi, Satara.Report vide letter C-WET/WRA/004/2010-11 dtd. 7/2/2014.for M/s. Kenersys India Pvt. Ltd. WTG Manufacturer
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall more than 50% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

➤ **Suggestions:-** 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 letter to M/s. Tata Power Renewable Energy Limited, Mumbai to obtain project specific WPD for their **6.00MW (3x2000KW)**. capacity wind power project.

➤ **Minutes of Hearing:** Shri Rajiv Samant present from M/s.Tata Power Renewable Energy Limited, Mumbai. M/s.Tata Power Renewable Energy Limited, Mumbai. submitted written submission requesting as below –

- NIWE has evaluated proposed Wind Power Project Site and submitted their final report No. NIEW/WR/CR-014/2014-15 dated 14.10.2014. From observations recorded by NIWE, it is observed that only two locations, i.e. Location No. GSW 18 and GSW 20 are having above +60 meter elevation difference than the mast elevation.
- Initially we have submitted an application dated 30<sup>th</sup> April, 2014, for Wind Zone Classification of our 12 WTGs (12x2 MW = 24 mw) among the above. According to Procedure for classification of wind Power Project into Wind Zone Class MEDA has issued a Wind Zone-I letter vide no. IDD/WRA/WZ-250/Kenersys/M/s. TaTa Power/2014-15/5203 dated 14.08.2014. While evaluation of this applications the joint inspection report observation recorded that all 12 WTGs i.e. 100% WTG locations are within +/- 60 meter elevation difference.
- Now evaluating our applications dtd. 14/4/2015 committee observed that out of three WTGs two WTGs are within +/- 60 meter Elevation difference. i.e. more than 50% WTGs are within the specified limit and only one WTG is having elevation difference above 60 meter elevation difference. More over committee's observations for evaluation of our application dtd. 21/11/2014 for one WTG, elevation difference is above 60 meter, From this it is concluded that out of 16 WTGs of total project only 2 WTGs are above + 60 meter elevation difference.
- We herewith honestly submit that, due to lack of Policy and unavoidable circumstances, commissioning of remaining 4 WTGs under application as above delayed. Hence, it leads to apply separately in different applications for wind zone classification. Also, we herewith submit that we have placed a single purchase Order on Kenersys India Pvt. Ltd. vide our P.O dtd 02/01/2013.for development, supply & execution of our 32 MW (16 x 2 MW) Kenersys make WTGs at Girijashankarwadi Site.
- In view of above, requested authorities to consider our project as a consolidated single Project of 16 WTGs (16 x 2MW) 32 MW & re-evaluate the OBSERVATIONS according to the Procedure for classification of wind power Projects into Wind Zone Class approved by MERC.
- Also we request you to treat our 3 different application submitted as above as single/consolidated project application and issue a single letter for Wind Zone-I This will be helpful to us to execute power purchase dealing with our esteemed customers.
- This submission placed on record. No objection raised by other representative of developers / Investors present for the hearing

➤ **Committee Recommendation:**

Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and evaluated the said proposal with respect to above points. Committee concluded to issue the **wind zone - I** letter to M/s. Tata Power Renewable Energy Limited, Mumbai for their

**6.00MW (3x2000KW).** capacity wind power project. of 3 WTG's wind power project as per above list.

**Developer:- M/s. Acorn Properties Pvt Ltd.**

- Site:- Girijashankarwadi, Tal. Khatav, Dist. Satara (Vetted by NIWE for M/s Kenersys India Pvt Ltd, Pune).
- Investor:- M/s Giriraj Enterprises, Ahmednagar:- **9.60MW (4x2400KW)**. The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 2/6/2016 Girijashankarwadi of Shri. R.A. Karndikar, Technician, Girye MEDA the WTG location wise 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	Ref. Mast Elev. MASL in	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
				MW														
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					Deg	Min	Sec	Deg	Min	Sec					Girija Shankar wadi			
1	D-6	GSW-25	Satara/Girijashankarwadi/Kenersys/W/D/20/14-15/4274	2.400	17	27	14.8	74	14	44	899	892	1769	Rajachekurle/Khatav/Satara	1.705		7	Within (+/-) 60 m elev. difference
2	D-6	GSW-26	Satara/Girijashankarwadi/Kenersys/2.4MW/D/20/14-15/4275	2.400	17	27	5.3	74	14	48.9	896	892	1760	Rajachekurle/Khatav/Satara	1.378		4	Within (+/-) 60 m elev. difference
3	D-6	GSW-29	Satara/Girijashankarwadi/Kenersys/2.4MW/D/20/14-15/4278	2.400	17	26	35.0	74	15	0.0	878	892	1753	Rajachekurle/Khatav/Satara	0.043		-14	Within (+/-) 60 m elev. difference
4	D-7	GSW-30	Satara/Girijashankarwadi/Kenersys/2.4MW/D/20/14-15/4271	2.400	17	26	22.0	74	15	3.2	891	892	1556 B	Rajachekurle/Khatav/Satara	0.014		-1	Within (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Girijashankarwadi, Tal. Khatav, District - Satara (Latitude- N 17<sup>0</sup> 26' 22.0" Longitude- E 74<sup>0</sup> 15' 2.4" Elev.- 892 m amsl) having **WPD- 237.27 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Kenersys India Pvt Ltd, Pune their Report on Verification of Procedure of Wind Monitoring at Girijashankarwadi, Satara. vide letter C-WET/WRA/004/2010-11 dtd. 7/2/2014.for M/s. Kenersys India Pvt. Ltd. WTG Manufacturer.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location coordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

➤ **Suggestions:-** 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 Giriraj Enterprises for their **9.60MW (4x2400KW)**. capacity wind power project.

- **Minutes of Hearing:** none present from M/s Giriraj Enterprises. No objection raised by other representative of developers present for the hearing.
  
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s Giriraj Enterprises for their **9.60MW (4x2400KW)**. capacity wind power project.

**Developer:-M/s. Acorn Properties Pvt Ltd. (M/s Tata Power Renewable Energy Ltd)**

- Site:- Girijashankarwadi, Tal. Khatav, Dist. Satara (Vetted by NIWE for M/s Kenersys India Pvt Ltd, Pune).
- Investor:-M/s Tata Power Renewable Energy Ltd :-2.0MW (1x2000KW).The project is commissioned during the financial year 2014-15.
- As per site visit on dtd. 2/6/2016 Girijashankarwadi of Shri. R.A. Karndikar, Technician, Girye MEDA the WTG location wise 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 m	Ref. Mast Elev. MASL in m	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	C-409	GSW-19	Satara/Girijashankarwadi/Kener MW/D/20/145/4026	2.00	17	27	36.4	74	13	39.1	956	892	582	Girijashankarwadi/Khatav/ Satara	3.370		64	Above (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
  - Nearest reference Wind Mast for the above mentioned wind power project is at Village – Girijashankarwadi, Tal. Khatav, District - Satara (Latitude- **N 17° 26' 22.0"** Longitude- **E 74° 15' 2.4"** Elev.- **892 m amsl**) having **WPD- 237.27 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Kenersys India Pvt Ltd, Pune their Report on Verification of Procedure of Wind Monitoring at Girijashankarwadi, Satara. vide letter C-WET/WRA/004/2010-11 dtd. 7/2/2014.for M/s. Kenersys India Pvt. Ltd. WTG Manufacturer
  - As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **Above (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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 letter to M/s Tata Power Renewable Energy Ltd to obtain project specific WPD for their **2.00MW (1x2000KW)**. capacity wind power project.
- **Minutes of Hearing:** Shri Rajiv Samant present from M/s.Tata Power Renewable Energy Limited, Mumbai. M/s.Tata Power Renewable Energy Limited, Mumbai. submitted written submission requesting as below –

- NIWE has evaluated proposed Wind Power Project Site and submitted their final report No. NIEW/WR/CR-014/2014-15 dated 14.10.2014. From observations recorded by NIWE, it is observed that only two locations, i.e. Location No. GSW 18 and GSW 20 are having above +60 meter elevation difference than the mast elevation.
- Initially we have submitted an application dated 30<sup>th</sup> April, 2014, for Wind Zone Classification of our 12 WTGs (12x2 MW = 24 mw) among the above. According to Procedure for classification of wind Power Project into Wind Zone Class MEDA has issued a Wind Zone-I letter vide no. IDD/WRA/WZ-250/Kenersys/M/s. TaTa Power/2014-15/5203 dated 14.08.2014. While evaluation of this applications the joint inspection report observation recorded that all 12 WTGs i.e. 100% WTG locations are within +/- 60 meter elevation difference.
- Now evaluating our applications dtd. 14/4/2015 committee observed that out of three WTGs two WTGs are within +/- 60 meter Elevation difference. i.e. more than 50% WTGs are within the specified limit and only one WTG is having elevation difference above 60 meter elevation difference. More over committee's observations for evaluation of our application dtd. 21/11/2014 for one WTG, elevation difference is above 60 meter, From this it is concluded that out of 16 WTGs of total project only 2 WTGs are above + 60 meter elevation difference.
- We herewith honestly submit that, due to lack of Policy and unavoidable circumstances, commissioning of remaining 4 WTGs under application as above delayed. Hence, it leads to apply separately in different applications for wind zone classification. Also, we herewith submit that we have placed a single purchase Order on Kenersys India Pvt. Ltd. vide our P.O dtd 02/01/2013.for development, supply & execution of our 32 MW (16 x 2 MW) Kenersys make WTGs at Girijashankarwadi Site.
- In view of above, requested authorities to consider our project as a consolidated single Project of 16 WTGs (16 x 2MW) 32 MW & re-evaluate the OBSERVATIONS according to the Procedure for classification of wind power Projects into Wind Zone Class approved by MERC.
- Also we request you to treat our 3 different application submitted as above as single/consolidated project application and issue a single letter for Wind Zone-I This will be helpful to us to execute power purchase dealing with our esteemed customers.
- This submission placed on record. No objection raised by other representative of developers / Investors present for the hearing

➤ **Committee Recommendation:**

Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and evaluated the said proposal with respect to above points. Committee concluded to issue the letter to M/s Tata Power Renewable Energy Ltd to obtain project specific wind power density report from NIWE for their **2.00MW (1x2000KW)**. capacity wind power project.



**Developer:- M/s Suzlon Energy Ltd, Pune**

- Site:- Sadawaghapur, Tal. Patan, Dist. Satara (Vetted by NIWE for M/s. Suzlon Energy Ltd, Pune ).
- Investor:- M/s. Arvind Dyeing & Bleaching Mills Pvt Ltd.:- **1.25 MW (01x1250 KW)**. The project is commissioned during the financial year 2010-11.
- As per site visit on dtd. 4/6/2016 Sadawaghapur of Shri. R.A.Karandikar, Technician, Girye, MEDA the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MAS L in mtrs.	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. between Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
				MW							MAS L in m.		Gut No.					
1		S99	2674	1.250	17	29	59	73	53	18.8	1123	1074	46 (640) Forest	Sadawaghapur/Patan/Satara	9.00		49	Within(+/-) 60 m elev. difference

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location –Sadawaghapur, Tal Patan & Dist.Satara (Latitude- **N 17° 27' 45.8"** Longitude- **E 73° 54' 34.9"** Elev.- **1112 m amsl**) having **WPD- 213.46 watt/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Suzlon Energy Ltd vide their letter no.C-WET/WRA/064/2008-2009 dated 26.03.2009
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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 Arvind Dyeing & Bleaching Mills Pvt Ltd for their **1.25MW (1x1250KW)** capacity wind power project.
- **Minutes of Hearing:** none present from M/s Arvind Dyeing & Bleaching Mills Pvt Ltd. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation:**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s Arvind Dyeing &

Bleaching Mills Pvt Ltd for their **1.25MW (1x1250KW)** capacity wind power project.

**Developer:- M/s. Ratnagiri Wind Power Projects Pvt. Ltd**

- Site:- Palshi, Tal. Patan, Dist. Satara (Vetted by NIWE Chennai).
- Investor:- M/s.Ratnagiri Wind Power Projects Pvt Ltd :- **20.8 MW (13x1600KW)**.  
The project is commissioned during the financial year 2014-15
- As per site visit on dtd. 5/6/2016 Palshi of Shri. R.A. Karndikar (Technician),  
Girye the WTG location wise observations are as below:-

Sr. No.	Final file no.	WTG Locati on No.	MED A WTG No.	WTG Cap. MW	WTG Latitude (N)			WTG Longitude (E)			WTG Elev. MASL in mtrs.	Ref. Mast Elev. MASL in mtrs.	Fore st Com p/Sur vey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
				MW							MASL in m.		Gut No.					
					Deg	Min	Sec	Deg	Min	Sec					Palshi	Palshi		
1	C-392	53	4265	1.6	17	16	73.7	73	50	50.5	950	986	46/1	Gokul	0.479		-36/-58	
2	C-391	54	4240	1.6	17	16	93.0	73	50	72.2	955	986	45/1	Gokul	0.683		-31/-53	Within (+/-) 60 m elev. difference
3	C-391	55	4241	1.6	17	17	5.4	73	50	97.0	963	986	44/1	Gokul	1.030		-23/-45	Within (+/-) 60 m elev. difference
4	C-392	56	4264	1.6	17	17	31.5	73	51	4.5	932	986	42/1	Gokul	1.520		-54/-76	Within (+/-) 60 m elev. difference
5	C-391	57	4253	1.6	17	17	25.2	73	51	34.1	963	986	43/5	Gokul	1.710		-23/-45	Within (+/-) 60 m elev. difference
6	C-391	58	4234	1.6	17	17	27.6	73	52	8.7	977	986	464	Salve	2.790		-9/-31	Within (+/-) 60 m elev. difference
7	C-392	44	4263	1.6	17	16	35.2	73	48	37.9	955	986	56	Kahir	4.130		-31/-53	Within (+/-) 60 m elev. difference
8	C-391	45	4236	1.6	17	16	7.9	73	48	46.9	979	986	58	Kahir	4.050		-7/-29	Within (+/-) 60 m elev. difference
9	C-391	46	4235	1.6	17	16	1.6	73	48	31.8	1010	986	58	Kahir	4.340		24/2	Within (+/-) 60 m elev. difference
10	C-393	49	4238	1.6	17	15	81.6	73	48	83.6	985	986	69	Kahir	3.580		-1/-23	Within (+/-) 60 m elev. difference
11	C-393	48	4237	1.6	17	15	96.2	73	48	96.3	984	986	69	Kahir	3.270		-2/-24	Within (+/-) 60 m elev. difference
12	C-393	50	4254	1.6	17	16	49.9	73	49	30.4	943	986	76	Kahir	2.480		-43/-65	Within (+/-) 60 m elev. difference
13	C-391	51	4239	1.6	17	16	23.6	73	49	41.6	980	986	75/1	Kahir	2.350		-6/-28	Within (+/-) 60 m elev. difference

**Observations:-**

- Nearest reference Wind Mast for the above mentioned wind power project is at location –Palshi, Tal.Patan & Dist. Satara (Latitude- **N 17° 16’ 9.8’’** Longitude- **E 73° 49’ 48.8’’** Elev.- **1008 m amsl**) having **WPD- 203.0 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai.
- Nearest reference Wind Mast for the above mentioned wind power project is at location –Pachgani (nag), Tal & Dist. Satara (Latitude- **N 17° 18’ 0.5’’** Longitude-

**E 73° 46' 33.8"** Elev.- **1014** m amsl) having **WPD- 194.60 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai.

- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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.Ratnagiri Wind Power Projects Pvt Ltd for their **20.80MW (13x1600KW)** capacity wind power project.
- **Minutes of Hearing:** none present from M/s. Ratnagiri Wind Power Projects Pvt Ltd. No objection raised by other representative of developers present for the hearing.
- **Committee Recommendation**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue letter **wind zone - I** to M/s.Ratnagiri Wind Power Projects Pvt Ltd for their **20.80MW (13x1600KW)** capacity wind power project.

**Developer:- M/s Pioneer Wincon Private limited , Chennai.**

- Site:- Nigade Tal. Patan, Dist. Satara (Vetted by NIWE Chennai for M/s Pioneer Wincon Private limited , Chennai).
- Investor:- M/s.Gandhi & Associates, Pune :- 0.25 MW (1x250KW).The project is commissioned during the financial year 2010-11.
- As per site visit on dtd. 4/6/2016 Nigade of Shri.S.N.Sawant, Technician, Girye MEDA the WTG location wise 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	Ref. Mast Elev. MASL in	Forest Comp/Survey/Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/MEDA Mast		
				MW						MASL in m	m.	Gut No.						
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					De g	Min	Sec	De g	Min	Sec								
1		18	2886	0.25	17	11	51.3	73	52	13.2	980	1018	542	Nigade/Patan/Satara	0.55		-38	Within (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Nigade, Tal. Patan, District - Satara (Latitude- N 17<sup>0</sup> 11' 36.89" Longitude- E 73<sup>0</sup> 52' 02.29" Elev.- 1018 m amsl) having **WPD- 187.86 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Pioneer Wincon Private Limited, Chennai vide their letter no. NIWE/WRA/104/2014-2015 dated 11.02.2015.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

➤ **Suggestions:-** 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. Gandhi Associates, Pune for their **0.25MW (1x250KW)**. capacity wind power project.

➤ **Minutes of Hearing:** Shri Amit Gandhi from M/s. Gandhi Associates, Pune present on behalf of M/s Pioneer Wincon Private limited , Chennai. No objection raised by them and by other representative of developers present for the hearing.

➤ **Committee Recommendation**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s. Gandhi Associates, Pune for their **0.25MW (1x250KW)**. capacity wind power project.

**Developer:- M/s.Suzlon Energy Ltd, Pune.**

- Site:- Sadawaghapur, Tal. Patan, Dist. Satara (Vetted by NIWE Chennai for M/s Suzlon Energy Ltd, Pune).
- Investor:- M/s.Arvind Cotsyn (India) Ltd :- 1.25 MW (1x1250KW). The project is commissioned during the financial year 2010-11.
- As per site visit on dtd 4/6/2016 Sadawaghapur, of Shri. R.A. Karndikar, Technician, Girye MEDA the WTG location wise 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	Ref. Mast Elev. MASL in	Forest Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	NIWE / MEDA Mast		
				MW							MASL in m	m.		Gut No.				
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
					Deg	Min	Sec	Deg	Min	Sec		Sadawaghapur			Sadawaghapur (Suzlon)			
1		S-98	2675	1.25	17	29	53.7	73	53	36.4	1129	1074	159 (640) Forest	Jambhekarwad Patan, Satara	8.640		55/17	Within (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Sadawaghapur, Tal. Patan, District - Satara (Latitude- **N 17<sup>0</sup> 27' 45.8"** Longitude- **E 73<sup>0</sup> 54' 34.9"** Elev.- **1112 m amsl**) having **WPD- 213.46 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s. Suzlon Energy Ltd vide their letter no. CWET/WRA/064/2008-2009 dated 26.03.2008.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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. Arvind Cotsyn (India) Ltd for their **1.25MW (1x1250KW)**. capacity wind power project.
- **Minutes of Hearing:** none present from M/s. Arvind Cotsyn (India) Ltd. No objection raised by other representative of developers present for the hearing.

➤ **Committee Recommendation**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone - I** letter to M/s. Arvind Cotsyn (India) Ltd for their **1.25MW (1x1250KW)**. capacity wind power project.

**Developer:- M/s. Sri Maruti Wind park Developers**

- Site:- Agaswadi, Tal. Khatav, Dist. Satara (Vetted by NIWE for M/s. Regen Powertech Pvt. Ltd. Chennai ).
- Site:- Bhud, Tal. Khanapur, Dist. Sangli (Vetted by NIWE for M/s. Regen Powertech Pvt. Ltd. Chennai ).
- Investor:- M/s. Sispara Renewable Power Pvt. Ltd:- **12.00 MW (08x1500 KW)**. The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 5/7/2016. Agaswadi, Bhud of Shri. M.P. Gandhile, P.E., Aurangabad, the WTG location wise 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. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark	
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast			
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15	
				MW							MASL in m.		Gut No.			Pvt. Mast	NIWE/ MEDA Mast		
					De g	Min	Sec	De g	Min	Sec		Agaswadi			Agaswadi (M/s. Regen)	Bhud (M/s Regen)			
1	C-421	NSL 24	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4338	1.5	17	31	19.42	74	40	51.27	906	890	511	Chilarwadi, Maan, Satara	7.34	6.40	16	Within (+/-) 60 m elev. difference	
2	C-421	NSL 25	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4369	1.5	17	31	25.30	74	40	45.79	908	890	511	Chilarwadi, Maan, Satara	7.11	6.57	18	Within (+/-) 60 m elev. difference	
3	C-420	NSL 27	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4377	1.5	17	31	37.72	74	40	38.45	912	890	67	Pukeale wadi, Maan, Satara	6.73	6.92	22	Within (+/-) 60 m elev. difference	
4	C-419	NSL 29	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4371	1.5	17	31	50.15	74	40	36.05	894	890	49	Pukeale wadi, Maan, Satara	6.48	7.30	4	Within (+/-) 60 m elev. difference	
5	C-418	NSL 35	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4375	1.5	17	32	11.60	74	39	59.58	881	890	30	Pukeale wadi, , Maan, Satara	5.22	7.99	-9	Within (+/-) 60 m elev. difference	
6	C-416	NSL 38	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4376	1.5	17	32	29.47	74	39	43.44	881	890	18	Pukeale wadi, Maan, Satara	4.56	8.59	-9	Within (+/-) 60 m elev. difference	
7	C-420	NSL 39	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4370	1.5	17	32	28.01	74	40	07.83	896	890	23 & 24	Pukeale wadi, Maan, Satara	5.32	8.40	6	Within (+/-) 60 m elev. difference	
8	C-417	NSL 40	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4378	1.5	17	32	36.8	74	40	07.71	894	890	20	Pukeale wadi, Maan, Satara	5.13	8.75	4	Within (+/-) 60 m elev. difference	

**Observations:-**

- There is NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Agaswadi, Tal. Khatav, District - Satara (Latitude- N 17<sup>0</sup> 33' 28.9'' Longitude- E 74<sup>0</sup> 37' 22.0'' Elev.- 890 m amsl) having **WPD- 200.0 W/m<sup>2</sup> @ 50 m**



**AGL** vetted by NIWE Chennai for *M/s Regen Powertech Pvt. Ltd* vide their letter no. C-WET/WRA/047/2009/-2010 dtd 17.12.2009.

- Adjacent Wind Mast for the above mentioned wind power project is at Village – Bhud, Tal. Khanapur, District - Sangli (Latitude- N 17<sup>0</sup> 27' 52.8" Longitude- E 74<sup>0</sup> 40' 25.0" Elev.- 850 m amsl) having WPD- 219.34 W/m<sup>2</sup> @ 50 m AGL vetted by NIWE for M/s Regen Powertech Pvt.Ltd.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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. Sispara Renewable Power Pvt. Ltd, Hyderabad for their **12.00MW (8x1500KW)**. capacity wind power project.
- **Minutes of Hearing:** Shri Harshal Bhaskare from M/s Regen Powertech Pvt Ltd present on behalf of M/s. Sispara Renewable Power Pvt. Ltd. No objection raised by them and by other representative of developers present for the hearing.
- **Committee Recommendation**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone-I** letter to M/s. Sispara Renewable Power Pvt. Ltd, Hyderabad for their **12.00MW (8x1500KW)**. capacity wind power project.

- **Old Report :-** As per site visit on Agaswadi, Bhud of Shri. H.D. Shinde, Manager (WRA/WZ) the WTG location wise 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. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8-9)	15
				MW							MASL in m.							
					De g	Min	Sec	De g	Min	Sec		Agaswadi			Agaswadi (M/s. Regen)	Bhud (M/s Regen)		
	C-421	NSL 24	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4338	1.5	17	31	19.5	74	40	51.2	900	890	511	Chilarwadi, Maan, Satara	7.34	6.40	10	Within (+/-) 60 m elev. difference
	C-421	NSL 25	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4369	1.5	17	31	25.4	74	40	45.9	900	890	511	Chilarwadi, Maan, Satara	7.11	6.57	10	Within (+/-) 60 m elev. difference

C-420	NSL 27	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4377	1.5	17	31	37.5	74	40	38.3	913	890	67	Pukale wadi, Maan, Satara	6.73	6.92	23	Within (+/-) 60 m elev. difference
C-419	NSL 29	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4371	1.5	17	31	49.9	74	40	35.9	893	890	49	Pukale wadi, Maan, Satara	6.48	7.30	3	Within (+/-) 60 m elev. difference
C-418	NSL 35	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4375	1.5	17	32	11.5	74	39	59.4	874	890	30	Pukale wadi, , Maan, Satara	5.22	7.99	-16	Within (+/-) 60 m elev. difference
C-416	NSL 38	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4376	1.5	17	32	29.4	74	39	43.5	870	890	18	Pukeale wadi, Maan, Satara	4.56	8.59	-20	Within (+/-) 60 m elev. difference
C-420	NSL 39	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4370	1.5	17	32	25.5	74	40	09.9	887	890	23 & 24	Pukeale wadi, Maan, Satara	5.32	8.40	-3	Within (+/-) 60 m elev. difference
C-417	NSL 40	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4378	1.5	17	32	36.8	74	40	07.4	888	890	20	Pukeale wadi, Maan, Satara	5.13	8.75	-2	Within (+/-) 60 m elev. difference

**Developer:- M/s. Sri Maruti Wind park Developers( M/s NSL Wind Power Company (Satara) Pvt. Ltd)**

- Site:- Agaswadi, Tal. Khatav, Dist. Satara (Vetted by NIWE for M/s. Regen Powertech Pvt. Ltd. Chennai ).
- Site:- Bhud, Tal. Khanapur, Dist. Sangli (Vetted by NIWE for M/s. Regen Powertech Pvt. Ltd. Chennai ).
- Investor:- M/s. Kalsubai Power Pvt. Ltd:- **6.00 MW (04x1500 KW)**. The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 5/7/2016 Agaswadi, Bhud of Shri. M.P. Gandhile, P.E., Aurangabad the WTG location wise 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. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	Pvt. Mast		
				MW						MASL in m.		Gut No.			Pvt. Mast	Pvt. Mast		
1	2	3	4	5	6	7	8	9	10	11	12	13	14= (8-9)	15				
					De g	Min	Sec	De g	Min	Sec	Agaswadi			Agaswadi (M/s. Regen)	Bhud (M/s Regen)			
	E-5	NSL 16	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4391	1.5	17	23	07.51	74	41	14.52	909	890	1820	Virali, Maan, Satara	9.03	6.68	19/59	Within (+/-) 60 m elev. difference
	C-422	NSL 30	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4372	1.5	17	31	59.6	74	40	41.32	891	890	41	Pukale wadi, Maan, Satara	6.48	7.61	1	Within (+/-) 60 m elev. difference
	C-422	NSL 31	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4373	1.5	17	32	07.73	74	40	41.68	900	890	42	Pukale wadi, Maan, Satara	6.38	7.84	10	Within (+/-) 60 m elev. difference
	C-422	NSL 32	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4374	1.5	17	32	15.44	74	40	41.47	888	890	42	Pukale wadi, Maan, Satara	6.30	8.09	-2	Within (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village – Agaswadi, Tal. Khatav, District - Satara (Latitude- N 17<sup>0</sup> 33' 28.9" Longitude- E 74<sup>0</sup> 37' 22.0" Elev.- 890 m amsl) having **WPD- 200.0 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Regen Powertech Pvt. Ltd vide their letter no. C-WET/WRA/047/2009/-2010 dtd 17.12.2009.
- Adjacent Wind Mast for the above mentioned wind power project is at Village – Bhud, Tal. Khanapur, District - Sangli (Latitude- N 17<sup>0</sup> 27' 52.8" Longitude- E 74<sup>0</sup> 40' 25.0" Elev.- 850 m amsl) having WPD- 219.34 W/m<sup>2</sup> @ 50 m AGL vetted by NIWE for Regen Powertech Pvt.Ltd.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.

➤ **Suggestions :-** 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. Kalsubai Power Pvt. Ltd for their **6.00MW (4x1500KW)**. capacity wind power project.

➤ **Minutes of Hearing:** Shri Harshal Bhaskare from M/s Regen Powertech Pvt Ltd present on behalf of to M/s. Kalsubai Power Pvt. Ltd. No objection raised by them and by other representative of developers present for the hearing.

➤ **Committee Recommendation**

Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone-I** letter to M/s. Kalsubai Power Pvt. Ltd for their **6.00MW (4x1500KW)**. capacity wind power project.

▪ **Old Report :-** As per site visit on Agaswadi, Bhud of Shri. H.D. Shinde, Manager (WRA/WZ) the WTG location wise 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. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	Pvt. Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
				MW							MASL in m.		Gut No.		Pvt. Mast	Pvt. Mast		
					De g	Min	Sec	De g	Min	Sec		Agaswadi			Agaswadi (M/s. Regen)	Bhud (M/s Regen)		
	E-5	NSL 16	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4391	1.5	17	31	12.8	74	41	53.2	906	890	1820	Virali, Maan, Satara	9.03	6.68	16	Within (+/-) 60 m elev. difference
	C-422	NSL 30	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4372	1.5	17	31	59.6	74	40	41.2	891	890	41	Pukale wadi, Maan, Satara	6.48	7.61	1	Within (+/-) 60 m elev. difference
	C-422	NSL 31	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4373	1.5	17	32	07.4	74	40	41.1	891	890	42	Pukale wadi, Maan, Satara	6.38	7.84	1	Within (+/-) 60 m elev. difference
	C-422	NSL 32	Satara/Agaswadi/Regen/1.5 MW/D/14-15/4374	1.5	17	32	15.3	74	40	41.3	879	890	42	Pukale wadi, Maan, Satara	6.30	8.09	-11	Within (+/-) 60 m elev. difference

**Developer:- M/s. Sri Maruti Wind park Developers**

- Site:- Agaswadi, Tal. Khatav, Dist. Satara (Vetted by NIWE for M/s. Regen Powertech Pvt. Ltd. Chennai ).
- Site:- Bhud, Tal. Khanapur, Dist. Sangli (Vetted by NIWE for M/s. Regen Powertech Pvt. Ltd. Chennai ).
- Investor:- M/s.Chak Rader Farm Equipments Pvt. Ltd:- **1.50 MW (01x1500 KW)**. The project is commissioned during the financial year 2015-16.
- As per site visit on dtd. 26/10/2015 Agaswadi, Bhud of Shri. H.D. Shinde, Manager (WRA/WZ) and Shri M.P. Gandhele, PE MEDA on dtd. 5/7/2016 the WTG location wise 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. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					De g	Min	Sec	De g	Min	Sec					Pvt. Mast	Pvt. Mast		
				MW						MASL in m.								
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
					De g	Min	Sec	De g	Min	Sec	Agaswadi			Agaswadi (M/s. Regen)	Bhud (M/s. Regen)			
	E-6	RCK-3	Satara/Agaswadi/ Regen/1.5 MW/D/14-15/4366	1.5	17	31	32.6	74	37	43.0	861/876	890	1725	Kukudwad/ Maan/S atara	3.6	8.2	-29/- 14	Within (+/-) 60 m elev. difference

**Observations:-**

- There is no NIWE Chennai declared wind mast within the 10 km radial distance of the above mentioned wind power project.
  - Nearest reference Wind Mast for the above mentioned wind power project is at Village – Agaswadi, Tal. Khatav, District - Satara (Latitude- N 17<sup>0</sup> 33' 28.9" Longitude- E 74<sup>0</sup> 37' 22.0" Elev.- 890 m amsl) having **WPD- 200.0 W/m<sup>2</sup> @ 50 m AGL** vetted by NIWE Chennai for M/s Regen Powertech Pvt. Ltd vide their letter no. C-WET/WRA/047/2009/-2010 dtd 17.12.2009.
  - Nearest reference Wind Mast for the above mentioned wind power project is at Village – Bhud, Tal. Khanapur, District - Sangli (Latitude- N 17<sup>0</sup> 27' 52.8" Longitude- E 74<sup>0</sup> 40' 25.0" Elev.- 850 m amsl) having WPD- 219.34 W/m<sup>2</sup> @ 50 m AGL vetted by NIWE Chennai for M/s Regen Powertech Pvt. Ltd
  - As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **within (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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. Chak Rader Farm Equipments Pvt Ltd for their **1.50MW (1x1500KW)** capacity wind power project.

- **Minutes of Hearing:** Shri Harshal Bhaskare from M/s Regen Powertech Pvt Ltd present on behalf of M/s. Chak Rader Farm Equipments Pvt Ltd . No objection raised by them and by other representative of developers present for the hearing.
  
- **Committee Recommendation**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue the **wind zone-I** letter to M/s. Chak Rader Farm Equipments Pvt Ltd for their **1.50MW (1x1500KW)**. capacity wind power project.

**Developer:- M/s. Sriram EPC Ltd.**

- Site:- Sautada, Tal. Patoda, Dist. Beed (Vetted by NIWE Chennai).
- Investor:- :- M/s Shiv Renewable Energy Pvt.Ltd., Mumbai 2.75 MW (11x250KW)  
The project is commissioned during the financial year .

**Observations:-**

- Nearest reference Wind Mast mentioned for the above mentioned wind power project is at location – Sautada, Tal. Patoda & Dist.Beed (Latitude- **N 18° 47' 52''** Longitude- **E 75° 20' 14''** Elev.- 790m amsl) having **WPD- 223watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.
- Joint Inspection not observed
- Commissioning report issued by MSEDCL is not submitted.

**Suggestions:-**

- Complete Joint Inspection work with MEDA and developers / Investors representative report is not submitted.
- Submit Commissioning report issued by MSEDCL .

➤ **Minutes of Hearing:** None present from M/s. Sriram EPC Ltd. & M/s Shiv Renewable Energy Pvt. Ltd., Mumbai, no objection raised by other representative of developers present for the hearing.

➤ **Committee Recommendation**

- Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a letter to :- M/s Shiv Renewable Energy Pvt.Ltd., Mumbai **2.75 MW (11x250KW)** to submit the joint inspection report

**Developer:- M/s. Regen Powertech Pvt.Ltd.**

- Site:- Isapur, Tal. Pusad, Dist. Yawatmal (Vetted by NIWE Chennai).
- Investor:- M/s.Hetro Med Solutions Ltd Hyderabad :- 10.50 MW (7x1500KW)

**Observations:-**

- Nearest reference Wind Mast mentioned for the above mentioned wind power project is at location Site:- Isapur, Tal. Pusad, Dist. Yawatmal (Latitude- **N 19° 43' 56.7"** Longitude- **E 77° 27' 18.5"** Elev.- 439 m amsl) having **WPD- 200 watt/m<sup>2</sup> @ 50 m AGL** declared by NIWE Chennai for MEDA.

- Joint Inspection not observed

**• Suggestions:-**

Complete Joint Inspection work with MEDA and developers / Investors representative.

- **Minutes of Hearing:** Shri Harshal Bhaskare from M/s Regen Powertech Pvt Ltd present on behalf of M/s.Hetro Med Solutions Ltd Hyderabad . M/s Regen Powertech Pvt Ltd submitted written submission requesting to consider the Joint Inspection Report which is handed over to Mr. Vikas Dabhade, PE, MEDA Nagpur during his site visit on 10.06.2016. This submission placed on record. No objection raised by other representative of developers present for the hearing. In view of this, Mr. Vikas Dabhade, PE, MEDA Nagpur sent the duly signed Joint Inspection report on e-mail placed on record.

- As per site visit on dtd. 10/06/2016 Isapur of Shri. Vikas. Dabhade PE MEDA, Nagpur the WTG location wise 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. MAS L in mtrs.	Ref. Mast Elev. MASL in mtrs.	Fore st Comp/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
					Deg	Min	Sec	Deg	Min	Sec					Pvt. Mast	CWET/ MEDA Mast (Isapur)		
				MW							MAS L in m.							
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
1		ISP-22	4431	1500	19	47.52	14	77	28.16	16.80	527	439	31	Lohara (Kh) /Pusad /Yawatmal		7441	88	Above (+/-) 60 m elev. difference
2		ISP-24	4433	1500	19	47.09	70	77	28.20	20.23	524	439	157	Lohara (Kh) /Pusad /Yawatmal		6202	85	Above (+/-) 60 m elev. difference
3		ISP-25	4434	1500	19	47.02	35	77	28.32	32.03	527	439	154	Lohara (Kh) /Pusad /Yawatmal		6094	88	Above (+/-) 60 m elev. difference
4		ISP-26	4435	1500	19	46.53	73	77	28.34	34.89	525	439	153	Lohara (Kh) /Pusad /Yawatmal		5875	86	Above (+/-) 60 m elev. difference
5		ISP-23	4432	1500	19	46.33	08	77	28.25	25.81	515	439	79	Buti(i) /Pusad /Yawatmal		5195	76	Above (+/-) 60 m elev. difference



6		ISP-28	4437	1500	19	46.27	30	77	28.37	37.16	518	439	111	Buti(i) /Pusad /Yawatmal		5167	79	Above (+/-) 60 m elev. difference
7		ISP-27	4436	1500	19	46.18	99	77	28.36	36.13	510	439	110	Buti(i) /Pusad /Yawatmal		4923	71	Above (+/-) 60 m elev. difference

**Observations:-**

- There is NIWE declared nearby MEDA mast at location - Isapur Taluka - Pusad District -Yawatmal (Latitude- **N 19° 43' 56.7"** Longitude- **E 77° 27' 18.5"** Elev.- 439m masl) having **WPD- 200 watt/m<sup>2</sup> @ 50 m AGL**.
- As per wind classification procedure, all WTGs are within effective area (10 km radial distance) of referred wind mast and overall 100% WTG location co-ordinates of wind power project are **above (+/-) 60 m** elevation difference of referred wind mast.
- **Suggestions:-** 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 letter to M/s.Hetro Med Solutions Ltd Hyderabad to obtain project specific wind power density report from NIWE for their **10.50MW (7x1500KW)** capacity wind power project.

➤ **Committee Recommendation:**

Submission in hearing made by representatives of Investors / Developers placed on record as above. No objection raised by representatives of other Developers / Investors present for hearing. In view of this committee discussed and evaluated the said proposal with respect to above points. Committee concluded to issue the letter to M/s.Hetro Med Solutions Ltd Hyderabad to obtain project specific wind power density report from NIWE for their **10.50MW (7x1500KW)** capacity wind power project.

**Developer:- M/s. K.P.Power Pvt.Ltd.**

- Site:- 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)

**Observations:-**

- Nearest reference Wind Mast mentioned for the above mentioned wind power project is at Village – Pedhewadi, Tal. Akole, Dist.Ahmednagar (Latitude- N190 40' 59.2" Longitude- E 730 52 ' 43.5" Elev.- 1047 m amsl) having WPD- 218.39 W/m<sup>2</sup> @ 50 m AGL vetted by NIWE Chennai for M/s Gamesa Wind Turbines Pvt. Ltd.Chennai their Report on Verification of Procedure of Wind Monitoring at Pedhewadi, Tal. Akole, Dist.Ahmednagar.
- Joint Inspection not observed.

- **Suggestions:-**

Complete Joint Inspection work with MEDA and developers / Investors representative report is not submitted.

➤ **Minutes of Hearing:** None present from M/s. K.P.Power Pvt.Ltd. & M/s.SJVN Ltd no objection raised by other representative of developers present for the hearing.

➤ **Committee Recommendation**

- Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a letter to M/s.SJVN Ltd for their 2.55 MW (3x850KW) to submit the joint inspection report

**Developer:-M/s. Karma Energy Ltd.**

- Site:- Sundi, Tal. Chandgad, Dist. Kolhapur, (Vetted by NIWE for M/s Dahivel Energy Pvt Ltd, Mumbai).
- Investor:- M/s.Clean Wind Power Pvt Ltd:- 3.60 MW (6x0.600KW)
- **Observations:-**

Nearest reference Wind Mast mentioned for the above mentioned wind power project is at Village – Sundi, Tal. Chandgad, Dist. Kolhapur (Latitude- N150 53' 54.1" Longitude- E 740 22 ' 57" Elev.- 990 m amsl) having WPD- 249.75 W/m2 @ 50 m AGL vetted by NIWE Chennai for M/s Dahivel Energy Pvt Ltd, Mumbai their Report on Verification of Procedure of Wind Monitoring at Sundi, Tal. Chandgad, Dist. Kolhapur.
- Joint Inspection report is not observed.
- Commissioning Certificate issued by MSEDCL is not submitted.
- Undertaking in prescribed format is not observed.

**Suggestions:**

- Complete Joint Inspection work with MEDA and developers / Investors representative.
  - Submit Commissioning report issued by MSEDCL and Undertaking in prescribed format.
- **Minutes of Hearing:** None present from M/s. Karma Energy Ltd. & M/s.Clean Wind Power Pvt Ltd, no objection raised by other representative of developers present for the hearing.
- **Committee Recommendation**  
Representatives of applicant / Developers / Investors who present for the hearing has not raised any objection regarding the committees Suggestions. In view of this Committee concluded to issue a letter to M/s.Clean Wind Power Pvt Ltd:- 3.60 MW (6x0.600KW) to submit the joint inspection report