

## Observations and Suggestions of “ Wind Zone Classification and Evaluation Committee”

➤ **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
				MW							MA SL in m.		Gut No.		Pv t. M as t	NIWE/ MEDA 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						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' 32.4"**

Longitude- E 75 1q6.1qElev.- 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 WTGs 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.

➤ **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 Locati on 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 Com p/ Surve y/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
				MW							MAS L in m.		Gut No.		Pvt . Ma st	NIWE/ MEDA 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						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 WTGs 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.

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

- Site:- Khandke, Tal. & dist. Ahmednagar (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
				MW							MAS L in m.		Gut No.		Pvt. Mast	NIWE/ MEDA 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					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 06 16.1 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 WTGs 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.
- **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. between . Ref. wind mast and WTG Elev. (Mtr.)	Remark
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				MW							MASL in m.		Gut No.		Pvt. Mas t	NIWE/ MEDA Mast		
1	2	3	4	5	6			7			8	9	10	11	12	13	14= (8- 9)	15
					Deg	Min	Sec	De g	Min	Sec					Khan dke (Devgaon)	Khandke		
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 WTGs 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.
- **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. betw n. Ref. wind mast and WTG Elev. (Mtr.)	Remark
	(2)			MW							MAS L in m.		Gut No.		Pvt. Mast	NIWE/ MEDA Mast		
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.

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

- 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 India 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
	(2)			MW							MAS L in m.		Gut No.		Pvt. Mast	NIWE/ MEDA Mast		
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					Khanapur			
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 & Dist. Ahmednagar (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 37.1q Longitude- E 74 40 25.1q 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
- 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 WTGs 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 India 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 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)			WT G Elev .	Ref. Mast Elev. MAS L in mtrs.	Forest Com p/ Survey/ Gut No.	Village Taluka District	Distance from Ref. wind mast in km		Diff. between . Ref. wind mast and WTG Elev. (Mtr.)	Remark
	(2)			MW							MA SL in m.		Gut No.		Pvt. Mast	NIWE/ MEDA Mast		
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					Nandurpath ar/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° 00' 24.9" Longitude- E 74° 32' 20" 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° 07' 29.64" Longitude- E 74° 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.

#### ➤ **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. 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
	(2)			MW			MAS L in m.		Gut No.		Pvt. Mast	NIWE/ MEDA Mast		



	(2)			MW							MAS L in m.		Gut No.		Pvt. Ma st	NIWE/ MEDA Mast		
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 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	Withi n (+/-) 60 m elev. differ ence
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	Withi n (+/-) 60 m elev. differ ence

**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.

➤ **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. 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.)	Remarks
	(2)			MW							MAS L in m.		Gut No.		Pvt. Mast	NIWE/ MEDA Mast		
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/Sahydrinagar	Javli/ Satara	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/Sahydrinaga	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 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.
- **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. betwn . Ref. wind mast and WTG Elev. (Mtr.)	Remark
	(2)			MW							MAS L in m.		Gut No.		Pvt. Mast	NIWE/ MEDA Mast		
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					Chak ala 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/10-11-12/	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 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 Zone-I and 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.

➤ **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 . 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
	(2)			MW							MA SL in m.		Gut No.		Pvt. Ma st	NIWE/ MEDA 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						Vaspeth		
1		Gv-9x-15	4314	2.0	17	05	26.8	75	19	37.8	669	680	356/29 410/1	Kolgin		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 WTGs 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.

➤ **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:-



	(2)			MW							MAS L in m.		Gut No.		Pvt - Ma st	NIWE/ MEDA 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						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	Withi n (+/- ) 60 m elev. differ ence
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	
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.
- **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. between Ref. wind mast and WTG Elev. (Mtr.)	Remark
	(2)			MW							MAS L in m.		Gut No.		Pvt. Mast	NIWE/ MEDA Mast		
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 WTGs 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 **8.00MW (10x800KW)** 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 Elev. v. 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
				MW							MASL in m	m.	Gut No.		Pvt. Mast	NI WE / ME DA Mast		
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	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	Within 60 m ev. rence
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	
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.
- **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
	(2)			MW							MAS L in m	m.	Gut No.		Pvt. Mast	NIWE/ MEDA Mast		
1	2	3	4	5	De g	Min	Sec	De g	Min	Sec	8	9	10	11	12	13	14= (8-9)	15
1	C-415	S03	S-03/2100kw/1W/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/2.1MD/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 **6.30MW (3x2100KW)** capacity wind power project.