Minutes of "Wind Zone Classification & Evaluation Committee" meeting dtd. 01.09.17

Sub - Finalization of wind zone class of Wind Power projects developed by following developer for their Investors:-

Meeting of "Wind Zone Classification and Evaluation Committee" held on 01.09.17 at MEDA conference hall under chairmanship of Shri. U. M. Pande, Chairman and Sr. General Manager (Adm. & Pub.). Following Committee Members were present for the meeting -

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

Manager (PG-I & ID) presented the information, site verification report related to the following proposals before committee:-

- 1) Developer M/s. Regen Powertech Pvt. Ltd.
 - Site Isapur, Tal. Pusad, Dist. Yavatmal (Isapur mast Vetted by NIWE for M/s Regen Powertech Pvt. Ltd).
 - Investor M/s. Hetero Med Solution Ltd, Hyderabad 19.5 MW (13x1500KW).
- 2) Developer M/s. T S Wind Power Developer.
 - Site Saighar, Tal. Javali, Dist. Satara (Kas (Saighar) mast Vetted by NIWE for T S Wind Power Developer).
 - Investor M/s T S Wind Power Developer, Pune 1.5 MW (1x1500KW).
- 3) Developer M/s. T S Wind Power Developer.
 - Site Saighar, Tal. Javali, Dist. Satara (Kas (Saighar) mast Vetted by NIWE for T S Wind Power Developer).
 - Investor M/s. Dr. K H Sancheti, Pune 0.6 MW (1x600KW).
- 4) Developer M/s. T S Wind Power Developer.
 - Site Saighar, Tal. Javali, Dist. Satara (Kas (Saighar) mast Vetted by NIWE for T S Wind Power Developer).
 - Investor M/s. Drug House, Pune 0.6 MW (1x600KW).
- 5) Developer M/s. T S Wind Power Developer.
 - Site Saighar, Tal. Javali, Dist. Satara (Kas (Saighar) mast Vetted by NIWE for T S Wind Power Developer).
 - Investor M/s. Navalakha Developer, Pune 0.6 MW (1x600KW).

- 6) Developer M/s T S Wind Power Developer.
 - Site Saighar, Tal. Javali, Dist. Satara (Kas (Saighar) mast Vetted by NIWE for T S Wind Power Developer).
 - Investor M/s. Medilink Services, Pune 1.5 MW (1x1500KW).
- 7) Developer M/s Sri Maruti Wind Park Developer.
 - Site Vaspeth, Tal. Jath, Dist. Sangli (Vaspeth MEDA Mast Vetted by NIWE).
 - Investor M/s. IOTA Mtech Power LLP, Kolkata 02 MW (1x2000KW).
- 8) Developer M/s Sri Maruti Wind Park Developer.
 - Site Vaspeth, Tal. Jath, Dist. Sangli (Vaspeth mast MEDA Mast Vetted by NIWE).
 - Investor M/s. BMD Power Pvt. Ltd. Rajasthan 06 MW (3x2000KW).
- 9) Developer M/s Winwind Power Energy Pvt Ltd.
 - Site Vaspet, Tal. Jath, Dist. Sangli (Vaspet mast- MEDA Mast Vetted by NIWE).
 - Investor M/s. Siva Renewable Power & Energy Ltd, Chennai 04 MW (4x1000KW).
- 10) Developer M/s T S Wind Power Developer.
 - Site Altur, Tal. Shahuwadi, Dist. Kolhapur (Altur mast- Vetted by NIWE for M/s Kenersys).
 - Investor M/s. Giriraj Enterprises, Sangamner 02 MW (1x2000KW).
- 11) Developer M/s Windwind Power Energy Pvt Ltd.
 - Site Mendhegiri, Tal. Jath, Dist. Sangli (Mendhegiri, mast- MEDA Mast declared by NIWE).
 - Investor M/s. Global Metal & Energy Pvt Ltd 02 MW (5x2000KW).
- 12) Developer M/s Sri Maruti wind Park Developer.
 - Site Jadhavwadi, Tal. Khanapur, Dist. Sangli (Jadhavwadi mast- Vetted by NIWE for M/s. ReGen Powertech Pvt ltd, Chennai).
 - Investor M/s. Orange Maha Wind energy Pvt Ltd 10 MW (5x2000KW).
- 13) Developer M/s T S Wind Power Developer.
 - Site Nandurpathar, Tal. Parner, Dist. Ahmednagar (Nandurpathar mast- Vetted by NIWE for M/s. T S Wind Power Developer).
 - Investor M/s. D J Malpani, Sangamner 7.2 MW (3x2400KW).

Observation & Recommendation of ZEC -

- 1) Developer M/s. Regen Powertech Pvt. Ltd.
 - Site Isapur, Tal. Pusad, Dist. Yavatmal (Isapur mast Vetted by NIWE for MEDA & project specific WPD vetted by NIWE for M/s Regen Powertech Pvt. Ltd).
 - Investor M/s. Hetero Med Solutions Ltd, Hyderabad 19.5 MW (13x1500KW).
 - The project is commissioned during the financial year 2016-17.
 - As per site visit on dtd. 15/06/2017 at Isapur of DGM, MEDA Amravati, the WTG location wise observations are as below:-

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG itude (1 | 8) | WTG Longitude (E) | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark | |
|------------|-------------------|------------------------|--------------------|-------------------|-----|-----------------|------|----------------------|-----|----------------------------------|---|--|-------------------------------|---|-----------|--|-----------------|---------|---|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14=(8-9) | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Min | Sec | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 372 | ISP 8 | 4447 | 1.5 | 19 | 46 | 06.7 | 77 | 30 | 38.6 | 522 | 439 | 91 | Inapur, Pusad, Yavatmal | | 7.02 | 83 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 2 | 372 | ISP 9 | 4445 | 1.5 | 19 | 46 | 15.6 | 77 | 30 | 31.1 | 521 | 439 | 112 | Inapur, Pusad, Yavatmal | | 7.07 | 82 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 3 | 372 | ISP 10 | 4448 | 1.5 | 19 | 46 | 21.6 | 77 | 30 | 17.4 | 524 | 439 | 153 | Sawargaon (B), Pusad, Yavatmal | | 6.85 | 85 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 4 | 372 | ISP 12 | 4450 | 1.5 | 19 | 46 | 45.0 | 77 | 30 | 38.6 | 520 | 439 | 117 | Inapur, Pusad, Yavatmal | | 7.8 | 81 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 5 | 372 | ISP 13 | 4444 | 1.5 | 19 | 46 | 31.1 | 77 | 29 | 44.1 | 531 | 439 | 250 | Sawargaon (B), Pusad, Yavatmal | | 6.36 | 92 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 6 | 372 | ISP 14 | 4443 | 1.5 | 19 | 46 | 39.2 | 77 | 29 | 43.1 | 534 | 439 | 301 | Sawargaon (B), Pusad, Yavatmal | | 6.53 | 95 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 7 | 372 | ISP 15 | 4442 | 1.5 | 19 | 46 | 50.1 | 77 | 29 | 30.3 | 523 | 439 | 309 | Sawargaon (B), Pusad, Yavatmal | | 6.57 | 84 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 8 | 372 | ISP 16 | 4441 | 1.5 | 19 | 46 | 56.9 | 77 | 29 | 23.7 | 524 | 439 | 311 | Sawargaon (B), Pusad, Yavatmal | | 6.63 | 85 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 9 | 372 | ISP 17 | 4440 | 1.5 | 19 | 47 | 02.5 | 77 | 29 | 16.7 | 528 | 439 | 314 | Sawargaon (B), Pusad, Yavatmal | | 6.67 | 89 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 10 | 372 | ISP 18 | 4451 | 1.5 | 19 | 47 | 12.0 | 77 | 29 | 25.6 | 526 | 439 | 329 | Sawargaon (B), Pusad, Yavatmal | | 7.05 | 87 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 11 | 372 | ISP 19 | 4439 | 1.5 | 19 | 47 | 20.2 | 77 | 28 | 48.9 | 529 | 439 | 133 | Lohar (kh), Pusad, Yavatmal | | 6.79 | 90 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 12 | 372 | ISP 20 | 4438 | 1.5 | 19 | 47 | 28.6 | 77 | 28 | 48.0 | 523 | 439 | 133 | Lohar (kh), Pusad, Yavatmal | | 7.01 | 84 | 18.3.17 | Above (+/-) 60 m elev. difference |
| 13 | 372 | ISP 21 | 4446 | 1.5 | 19 | 47 | 37.3 | 77 | 28 | 48.2 | 521 | 439 | 127 | Lohara (kh), Pusad, Yavatmal | | 7.27 | 82 | 18.3.17 | Above (+/-) 60 m elev. difference |

Observation-

- There is a MEDA Mast vetted by NIWE, Chennai at Isapur wind mast within the 10 km radial distance of the above mentioned wind power project.
- As per site inspection report the nearest reference Wind Mast for the above mentioned wind power project is at Village Isapur, Tal.- Pusad, Dist.- Yavatmal (Latitude- N 19⁰ 43' 56.7" Longitude- E 77⁰ 27' 18.51" Elev.- 439 m AMSL) having WPD- 246 W/m² @ 80 m AGL declared by NIWE for MEDA & project specific WPD vetted by NIWE for M/s Regen Powertech Pvt. Ltd

- However, NIWE has sent letter report on preparing WPD map at 50m & 80 m agl of 21 locations at Isapur site in Maharashtra to MEDA. The site specific WPD estimation is carried out for M/s Regen Powertech Pvt Ltd, Chennai and it is found that project site WPD at 50m & 80m are 170.66 W/m² & 218.14 W/m² respectively
- On the basis of above NIWE report, previously we recommended Wind Zone-I letter to 7 WTGs locations of wind power project of M/s. Hetero Med Solutions Ltd, Hyderabad for their 10.50 MW (7x1500KW) under Site Isapur, Tal. Pusad, Dist. Yavatmal.
- For the 19.5 MW (13x1500KW) above mentioned wind power project, 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.
- It is observed that, elevation difference (in meter) between reference wind mast and above mentioned WTGs elevation is above within limit.
- As per approved procedure, if a wind power project falls
 - i) Within the effective area, if 50% or more than 50% of WTG location co-ordinates of a wind power project are falling above or below 60m elevation difference with reference to the mean sea level of the wind mast, then either MEDA can advise the developer/investor to approach C-WET to obtain project specific annual mean WPD report from C-WET; or the developer/investor can request MEDA for permission to approach C-WET to obtain project specific annual mean WPD report from C-WET. MEDA may allow developer/investor to approach C-WET only in those cases which fall under this criterion.
 - ii) The classification of such wind power projects into wind zone class will be done on the basis of the project specific annual mean WPD issued by C-WET, a copy of which will be marked by C-WET to MEDA.
 - iii) C-WET will lay down appropriate methodology for the issuance of the project specific annual mean WPD.
- However, we have previously received NIWE report on preparing WPD map at 50m & 80 m agl of Isapur site in Yevatmal district to MEDA. The site specific WPD of 21 locations estimation is carried out for M/s Regen Powertech Pvt Ltd, Chennai and it is found that project site WPD at 50m & 80m are 170.66 W/m² & 218.14 W/m² respectively. So, it is felt that, now there is no requirement that the developer/investor should approach NIWE (C-WET) again to obtain project specific annual mean WPD report of 19.5 MW (13x1500KW) above mentioned wind power project at Isapur, Tal. Pusad, Dist. Yavatmal site.
- MERC vide its letter no. MERC/RE Cell No. 6/2015-16/01457 dtd 9.2.2016 informed MEDA as below –

"In this regard, I am directed to inform you that in line with Regulation 26.2 of MERC (Terms and Conditions for determination of RE tariff) Regulation, 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 b50 meter hub height for classification of Wind Power Projects into the Wind Zone class, commissioned during FY 2014-15 and the extended period up to 9^{th} November, 2015.

Thereafter, i.e. from 10thNovember, 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."

- 28.2 The annual mean wind power density specified in Regulation 28.1 shall be measured at 80 meter hub height, and State Nodal Agency shall certify the Wind Zone relevant to the proposed Wind Energy Project.
- As per NIWE report of specific WPD estimation done for M/s Regen Powertech Pvt. Ltd Chennai at Isapur-Pusad (Maharashtra) 19.5 MW (13x1500KW) locations of M/s. Hetero Med Solutions Ltd, Hyderabad have average WPD (W/m²) at 80m height are found <=250W/m²
- 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. Hetero Med Solutions Ltd, Hyderabad for their 19.5 MW (13x1500KW) capacity wind power project as per above list.
- Minutes of hearing No one is present from M/s. Regen Powertech Pvt. Ltd / M/s. Hetero Med Solutions Ltd. Further, no objection raised by other developer present in the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee concluded to issue a Wind Zone I letter to M/s. Hetero Med Solutions Ltd., for their 19.5 MW (13x1500KW) capacity of wind power projects.

- 2) Developer M/s. T S Wind Power Developer.
 - Site Kas (Saighar), Tal. Javali, Dist. Satara (Vetted by NIWE for T S Wind Power Developer).
 - Investor M/s T S Wind Power Developer, Pune 1.5 MW (1x1500KW).
 - The project is commissioned during the financial year 2010-11.
 - As per site visit on dtd. 04/05/2017 at Saighar of Mr. Rajesh Mohite, Technician, MEDA Chalkewadi, the WTG location wise observations are as below:-

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|------|-----|---------------|-----|----------------------------------|---|---------------------------------------|--|---|-----------------------|--|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Min | Sec | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 365 | W-01 | 2913 | 1.5 | 17 | 48 | 46.7 | 73 | 73 45 18.5 | | 1227 | 1237 | 34 | Warsolikoli, Mahabaleshwar, Satara | 6.23 | | -10 | 31.3.11 | Within (+/-) 60 m elev. difference |

- Nearest reference Wind Mast for the above mentioned wind power project is at 2 km S of Viver Satara & 5 km NNW of Karanje from Village Saighar, Tal.- Jawali, Dist.- Satara (As per site inspection report, Latitude- N 17° 50' 53.1" Longitude- E 73° 48' 9.6" Elev.- 1237 m AMSL) having WPD- 214.46 W/m² @ 50 m AGL vetted by C-WET Chennai for M/s. T S Wind Power Developers, Satara, vide their letter no. C-WET/WR/CF-012/2012-13 dated 16.04.2012.
- Further, it is also mentioned in C-WET report that, C-WET/MEDA mast was located around 7 km at Ambral i.e within the 10 km radial distance of the above mentioned wind power project. The mast details given on NIWE website is Latitude- 17⁰ 54' 26.3 N'' Longitude- 73⁰ 49' 59.1 E'' Elev.- 1302 m AMSL) having WPD- 175 W/m² @ 50 m
- 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. T S Wind Power Developer, Pune for their 1.5 MW (1x1500KW) capacity wind power project as per above list.
- ➤ **Minutes of hearing** No one is present from M/s. T S Wind Power Developer. Further, no objection raised by other developer present in the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee discussed & evaluated the said proposal with respect to above points. Also, as it is proposed to take advice from NIWE on projects under mast at Saighar, Satara of M/s. T S Wind Power Developer & NIWE/MEDA mast at Kas, Satara due to change of wind zone from wind zone I to wind zone II. In view of this, Committee recommended to

| issue a Wind Zone – I letter to M/s T S Wind Power Developer, Pune f (1x1500KW) capacity wind power project. | for their 1.5 MW |
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- 3) Developer M/s. T S Wind Power Developer.
 - Site Kas (Saighar), Tal. Javali, Dist. Satara (Kas (Saighar) mast Vetted by NIWE for T S Wind Power Developer).
 - Investor M/s. Dr. K H Sancheti, Pune 0.6 MW (1x600KW).
 - The project is commissioned during the financial year 2012-13.
 - As per site visit report dated. 06/07/2017, PO, Divisional office MEDA, Pune visited Saighar & submitted the WTG location wise observation as below. This report is endorsed by DGM, MEDA, Pune.

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|------|-----|---------------|------|----------------------------------|---|---------------------------------------|----------------------------------|---|-----------------------|--|-----------------|---|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Min | Sec | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 374 | S-4 | 3395 | 0.6 | 17 | 45 | 37.4 | 73 | 47 | 18.4 | 1157 | 1229 | 2 | Sahyadrinagar, Javali, Satara | 9.60 | | -72 | 31.3.13 | above (+/-) 60 m elev. difference |

- Nearest reference Wind Mast for the above mentioned wind power project is at 2 km S of Viver Satara & 5 km NNW of Karanje from Village Saighar, Tal.- Jawali, Dist.-Satara (As per site inspection report, Latitude 17⁰ 50' 53.08 N" Longitude 73⁰ 48' 9.58 E" Elev.- 1229m AMSL) having WPD- 214.46 W/m² @ 50 m AGL vetted by C-WET Chennai for M/s. T S Wind Power Developers, Satara, vide their letter no.C-WET/WR/CF-012/2012-13 dated 16.04.2012.
- Further, it is also mentioned in C-WET report that, C-WET/MEDA mast was located around 7km at Ambral i.e within the 10 km radial distance of the above mentioned wind power project. The mast details given on NIWE website is Latitude- 17⁰ 54' 26.3 N'' Longitude- 73⁰ 49' 59.1 E'' Elev.- 1302 m AMSL) having WPD- 175 W/m² @ 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.
- It is observed that, elevation difference (in meter) between reference wind mast and above mentioned WTGs elevation is above within limit.
- As per approved procedure, if a wind power project falls
 - ➤ Within the effective area, if 50% or more than 50% of WTG location co-ordinates of a wind power project are falling above or below 60m elevation difference with reference to the mean sea level of the wind mast, then either MEDA can advise the developer/investor to approach C-WET to obtain project specific annual mean WPD report from C-WET; or the developer/investor can request MEDA for permission to approach C-WET to obtain project specific annual mean WPD report from C-WET. MEDA may allow developer/investor to approach C-WET only in those cases which fall under this criterion.
 - ➤ The classification of such wind power projects into wind zone class will be done on the basis of the project specific annual mean WPD issued by C-WET, a copy of which will be marked by C-WET to MEDA.
 - ➤ C-WET will lay down appropriate methodology for the issuance of the project specific annual mean WPD.

- M/s. Dr. K H Sancheti has submitted NIWE report on preparing WPD map at 30m & 50 m agl of Saighar site in Satara district to MEDA. The said report is carried out for M/s T S Wind Power Developer, Pune and it is found that project site WPD at 30m & 50m are 179.43 W/m² & 214.46 W/m² respectively.
- All WTGs are within effective area (10 km radial distance) of referred wind mast. However more than 50% WTGs of above wind power project are above (+/-) 60 m elevation difference of referred wind mast. So, it was advised to M/s. Dr. K H Sancheti to approach NIWE, Chennai for obtaining the project specific Annual Wind Power Density report from NIWE addressed to 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. Dr. K H Sancheti to obtain project specific wind power density report from NIWE for their 0.6 MW (1x600KW) capacity wind power project
- ➤ Minutes of hearing No one is present from M/s. T S Wind Power Developer / M/s. Dr. K H Sancheti. Further, no objection raised by other developer present in the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee discuss & evaluated the said proposal with respect to above points. Also, it is observed that, above project is located within 10 km radial distance of NIWE/MEDA mast at Kas, Satara and NIWE vetted mast at Saighar, Satara for M/s. T S Wind Power Developer. However, the zone is changing from zone-I to zone-II, if we consider the NIWE/MEDA mast at Kas for above project. In view of this, Committee recommended that, it is tobe mentioned in letter to be issued to investor (cc to NIWE) for submission of project specific wind power density report for the said project. After receiving the project specific wind power density report from NIWE for their 0.6 MW (1x600KW) capacity wind power project of location no. S-4, Gut no 02, at Village- Sahyadrinagar, Tal. Javali, Dist. Satara necessary action will be taken for this project.

- 4) Developer M/s. T S Wind Power Developer.
 - Site Kas (Saighar), Tal. Javali, Dist. Satara (Kas (Saighar) Vetted by NIWE for M/s T S Wind Power Developer).
 - Investor M/s. Drug House, Pune 0.6 MW (1x600KW).
 - The project is commissioned during the financial year 2011-12.
 - As per site visit report dated. 06/07/2017, PO, Divisional office MEDA, Pune visited Saighar & submitted the WTG location wise observation as below. This report is endorsed by DGM, MEDA, Pune.

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|----------------|------------------------|--------------------|-------------------|-----|---------------|------|-----|---------------|------|----------------------------------|---|---------------------------------------|-------------------------------|---|-----------------------|--|-----------------|---|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Deg Min | | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 376 | M-02 | 3252 | 0.6 | 17 | 47 | 30.0 | 73 | 46 | 41.1 | 1164 | 1229 | 12B/10 | Manti, Javali, Satara | 6.76 | | -65 | 31.3.12 | above (+/-) 60 m elev. difference |

- Nearest reference Wind Mast for the above mentioned wind power project is at 2 km S of Viver Satara & 5 km NNW of Karanje from Village Saighar, Tal.- Jawali, Dist.-Satara (As per site inspection report, Latitude 17° 50° 53.08 N° Longitude 73° 48° 9.58 E° Elev.- 1229m AMSL) having WPD- 214.46 W/m² @ 50 m AGL vetted by C-WET Chennai for M/s. T S Wind Power Developers, Satara, vide their letter no.C-WET/WR/CF-012/2012-13 dated 16.04.2012.
- Further, it is also mentioned in C-WET report that, C-WET/MEDA mast was located around 7km at Ambral i.e within the 10 km radial distance of the above mentioned wind power project. The mast details given on NIWE website is Latitude- 17⁰ 54' 26.3 N". Longitude- 73⁰ 49' 59.1 E". Elev.- 1302 m AMSL) having WPD- 175 W/m² @ 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.
- It is observed that, elevation difference (in meter) between reference wind mast and above mentioned WTGs elevation is above within limit.
- As per approved procedure, if a wind power project falls
 - ➤ Within the effective area, if 50% or more than 50% of WTG location co-ordinates of a wind power project are falling above or below 60m elevation difference with reference to the mean sea level of the wind mast, then either MEDA can advise the developer/investor to approach C-WET to obtain project specific annual mean WPD report from C-WET; or the developer/investor can request MEDA for permission to approach C-WET to obtain project specific annual mean WPD report from C-WET. MEDA may allow developer/investor to approach C-WET only in those cases which fall under this criterion.
 - ➤ The classification of such wind power projects into wind zone class will be done on the basis of the project specific annual mean WPD issued by C-WET, a copy of which will be marked by C-WET to MEDA.
 - ➤ C-WET will lay down appropriate methodology for the issuance of the project specific annual mean WPD.

- M/s. Drug House has submitted NIWE report on preparing WPD map at 30m & 50 m agl of Saighar site in Satara district to MEDA. The said report is carried out for M/s T S Wind Power Developer, Pune and it is found that project site WPD at 30m & 50m are 179.43 W/m² & 214.46 W/m² respectively.
- All WTGs are within effective area (10 km radial distance) of referred wind mast. However more than 50% WTGs of above wind power project are above (+/-) 60 m elevation difference of referred wind mast. So, it was advised to M/s. Dr. Drug House to approach NIWE, Chennai for obtaining the project specific Annual Wind Power Density report from NIWE addressed to 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 Drug House to obtain project specific wind power density report from NIWE for their 0.6 MW (1x600KW) capacity wind power project
- ➤ **Minutes of hearing** No one is present from M/s. T S Wind Power Developer / M/s. Drug House. Further, no objection raised by other developer present in the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee discuss & evaluated the said proposal with respect to above points. Also, it is observed that, above project is located within 10 km radial distance of NIWE/MEDA mast at Kas, Satara and NIWE vetted mast at Saighar, Satara for M/s. T S Wind Power Developer. However, the zone is changing from zone-I to zone-II, if we consider the NIWE/MEDA mast at Kas for above project. In view of this, Committee recommended that, it is tobe mentioned in letter to be issued to investor (cc to NIWE) for submission of project specific wind power density report for the said project. After receiving the project specific wind power density report from NIWE for their 0.6 MW (1x600KW) capacity wind power project of location no. M-02, Gut no. 12B/10, at Village- Manti, Tal. Javali, Dist. Satara necessary action will be taken for this project.

- 5) Developer M/s. T S Wind Power Developer.
 - Site Kas (Saighar), Tal. Javali, Dist. Satara (Kas (Saighar) mast Vetted by NIWE for M/s T S Wind Power Developer).
 - Investor M/s. Navalakha Developers, Pune 0.6 MW (1x600KW).
 - The project is commissioned during the financial year 2012-13.
 - As per site visit report dated. 06/07/2017, PO, Divisional office MEDA, Pune visited Saighar & submitted the WTG location wise observation as below. This report is endorsed by DGM, MEDA, Pune.

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|------|-----|---------------|------|----------------------------------|---|---------------------------------------|-------------------------------|---|-----------------------|--|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Min | Sec | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 373 | G-05 | 3262 | 0.6 | 17 | 46 | 42.2 | 73 | 46 | 57.2 | 1170 | 1229 | 612 | Ganje, Javali, Satara | 8.1 | | -59 | 17.5.12 | Within (+/-) 60 m elev. difference |

- Nearest reference Wind Mast for the above mentioned wind power project is at 2 km S of Viver Satara & 5 km NNW of Karanje from Village Saighar, Tal.- Jawali, Dist.- Satara (As per site inspection report, Latitude- 17° 50' 53.08 N" Longitude- 73° 48' 9.58 E" Elev.- 1229m AMSL) having WPD- 214.46 W/m² @ 50 m AGL vetted by C-WET Chennai for M/s. T S Wind Power Developers, Satara, vide their letter no. C-WET/WR/CF-012/2012-13 dated 16.04.2012.
- Further, it is also mentioned in C-WET report that, C-WET/MEDA mast was located around 7km at Ambral i.e within the 10 km radial distance of the above mentioned wind power project. The mast details given on NIWE website is Latitude- 17⁰ 54' 26.3 N'' Longitude- 73⁰ 49' 59.1 E'' Elev.- 1302 m AMSL) having WPD- 175 W/m² @ 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 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. Navalakha Developers, Pune to confirm the elevation difference with respect to reference mast of their WTGs 0.6 MW (1 x 600 KW) capacity wind power project at Site Kas (Saighar), Tal. Javali, Dist. Satara from reference wind mast. Also confirm that, there is no any existing wind mast available within 10 km.
- ➤ **Minutes of hearing** No one is present from M/s. T S Wind Power Developer / M/s. Drug House. Further, no objection raised by other developer present in the hearing.

Committee Recommendation - Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee discuss & evaluated the said proposal with respect to above points. It is observed that nearest reference Wind Mast elevation for the above mentioned wind power project is at Saighar, Satara district is mentioned in NIWE (C-WET) report and undertaking submitted by M/s. Navalakha Developers, Pune is 1237m AMSL. However, as per site inspection report, elevation of mast mention is - 1229m AMSL. So, there is a difference of elevation between mast (1237/1229 m AMSL) & WEG location (1170 m AMSL) are observe – 67 m and -59 m respectively. Also, it is observed that, above project is located within 10 km

radial distance of NIWE/MEDA mast at Kas, Satara and NIWE vetted mast at Saighar, Satara for M/s. T S Wind Power Developer. However, the zone is changing from zone-I to zone-II, if we consider the NIWE/MEDA mast at Kas for above project. In view of this, Committee recommended that, it is tobe mentioned in letter to be issued to investor (cc to NIWE) for submission of project specific wind power density report for the said project. After receiving the project specific wind power density report from NIWE for their 0.6 MW (1x600KW) capacity wind power project of location no. - G-05, at Village- Ganje, Tal. Javali, Dist. Satara necessary action will be taken for this project.

- 6) Developer M/s. T S Wind Power Developer.
 - Site Kas (Saighar), Tal. Javali, Dist. Satara (Kas (Saighar) mast Vetted by NIWE for T S Wind Power Developer).
 - Investor M/s. Medilink Services, Pune 1.5 MW (1x1500KW).
 - The project is commissioned during the financial year 2010-11.
 - As per site visit report dated. 06/07/2017, PO, Divisional office MEDA, Pune visited Saighar & submitted the WTG location wise observation as below. This report is endorsed by DGM, MEDA, Pune.

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|------|-------------|---------------|------|----------------------------------|---|---------------------------------------|--|---|----|--|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg Min Sec | | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 375 | W-04 | 2708 | 1.5 | 17 | 48 | 28.0 | 73 | 45 | 33.1 | 1205 | 1229 | 41 | Warsolikoli, Mahabaleshwar, Satara | 6.42 | | -24 | 26.9.10 | Within (+/-) 60 m elev. difference |

- Nearest reference Wind Mast for the above mentioned wind power project is at 2 km S of Viver Satara & 5 km NNW of Karanje South of viver Satara & 5 km North, North West of Karanje from Village Saighar, Tal.- Jawali, Dist.- Satara (As per site inspection report, Latitude- 17° 50° 53.08 N° Longitude- 73° 48° 9.58 E° Elev.- 1229m AMSL) having WPD- 214.46 W/m² @ 50 m AGL vetted by C-WET Chennai for M/s. T S Wind Power Developers, Satara, vide their letter no. C-WET/WR/CF-012/2012-13 dated 16.04.2012.
- Further, it is also mentioned in C-WET report that, C-WET/MEDA mast was located around 7km at Ambral i.e within the 10 km radial distance of the above mentioned wind power project. The mast details given on NIWE website is Latitude- 17° 54' 26.3 N". Longitude- 73° 49' 59.1 E" Elev.- 1302 m AMSL) having WPD- 175 W/m² @ 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 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. Medilink Services, Pune for their 1.5 MW (1x1500KW) capacity wind power project as per above list.
- ➤ **Minutes of hearing** No one is present from M/s. T S Wind Power Developer / M/s. Medilink Services. Further, no objection raised by other developer present in the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee discussed & evaluated the said proposal with respect to above points. Also, as it is proposed to take advice from NIWE on projects under mast at Saighar, Satara of M/s. T S Wind Power Developer & NIWE/MEDA mast at Kas, Satara due to change of wind zone from wind zone I to wind zone II. In view of this, Committee recommended to

| issue a Wind Zone – I le capacity wind power proje | etter to M/s. Medil ect. | ink Services for their | 1.5 MW (1x1500KW) |
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- 7) Developer M/s. Sri Maruti Wind Park Developer.
 - Site Vaspeth, Tal. Jath, Dist. Sangli (Vaspeth MEDA Mast Vetted by NIWE).
 - Investor M/s. IOTA Mtech Power LLP, Kolkata 02 MW (1x2000KW).
 - The project is commissioned during the financial year 2015-16.
 - As per site visit report dated. 06/07/2017, PO, Divisional office MEDA, Pune visited Saighar & submitted the WTG location wise observation as below. This report is endorsed by DGM, MEDA, Pune.

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|------|-----|---------------|--|----------------------------------|---|---------------------------------------|-------------------------------|---|-----------------------|--|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Deg Min Sec | | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 367 | MVT- 90 | 4153 | 2 | 17 | 05 | 10.9 | 75 | 75 16 44.7 | | 692 | 672 | 163/2 | Jath, Jath, Sangli | | 8.48 | 20 | 31.10.15 | Within (+/-) 60 m elev. difference |

- There is a NIWE, Chennai declared Vaspeth 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 Vaspeth, Tal.- Jath, Dist.- Sangli (As per site inspection report, Latitude- 17⁰ 06' 10.2 N" Longitude- 75⁰ 21' 24.5 E" Elev.- 672 m AMSL) having WPD- 220 W/m² @ 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. IOTA Mtech Power LLP, Kolkata for their 2.0 MW (1x2000KW) capacity wind power project as per above list.
- ➤ **Minutes of hearing** No one is present from M/s. Sri Maruti Wind Park Developer / M/s. IOTA Mtech Power LLP. Further, no objection raised by other developer present in the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee concluded to issue a Wind Zone I letter to M/s. IOTA Mtech Power LLP for their 2.0 MW (1x2000KW) capacity of wind power project.

- 8) Developer M/s. Sri Maruti Wind Park Developer.
 - Site Vaspeth, Tal. Jath, Dist. Sangli (Vaspeth mast MEDA Mast Vetted by NIWE).
 - Investor M/s. BMD Power Pvt. Ltd. Rajasthan 06 MW (3x2000KW).
 - The project is commissioned during the financial year 2015-16.
 - As per site visit report dated. 06/07/2017, PO, Divisional office MEDA, Pune visited Saighar & submitted the WTG location wise observation as below. This report is endorsed by DGM, MEDA, Pune.

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|------|-----|---------------|------|----------------------------------|---|---------------------------------------|-------------------------------|---|-----------------------|--|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Min | Sec | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 366 | MVT- 03 | 4356 | 2 | 17 | 06 | 14.8 | 75 | 17 | 19.8 | 695 | 672 | 222 | Karajangi, Jath, Sangli | | 7.47 | 23 | 03.10.15 | Within (+/-) 60 m elev. difference |
| 2 | 366 | MVT- 08 | 3968 | 2 | 17 | 04 | 07.2 | 75 | 18 | 48.5 | 687 | 672 | 343 | Valsang, Jath, Sangli | | 5.98 | 15 | 31.10.15 | Within (+/-) 60 m elev. difference |
| 3 | 366 | MVT- 47 | 3962 | 2 | 17 | 04 | 41.2 | 75 | 18 | 45.1 | 691 | 672 | 355 | Valsang, Jath, Sangli | | 5.45 | 19 | 03.10.15 | Within (+/-) 60 m elev. difference |

- There is a NIWE, Chennai declared Vaspeth 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 Vaspeth, Tal.- Jath, Dist.- Sangli (As per site inspection report, Latitude- 17⁰ 06' 10.2 N'' Longitude- 75⁰ 21' 24.5 E'' Elev.- 672 m AMSL) having WPD- 220 W/m² @ 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. BMD Power Pvt. Ltd., Rajasthan for their 6.0 MW (3x2000KW) capacity wind power project as per above list
- ➤ Minutes of hearing No one is present from M/s. Sri Maruti Wind Park Developers / M/s. BMD Power Pvt. Ltd. Further, no objection raised by other developer present in the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee concluded to issue a Wind Zone I letter to M/s. BMD Power Pvt. Ltd for their 6.0 MW (3x2000KW) capacity wind power project

- 9) Developer M/s. Winwind Power Energy Pvt Ltd.
 - Site Vaspet, Tal. Jath, Dist. Sangli (Vaspet mast- MEDA Mast vetted by NIWE).
 - Investor M/s. Siva Renewable Power & Energy Ltd, Chennai 04 MW (4x1000KW).
 - The project is commissioned during the financial year 2015-16.
 - As per site visit on dtd. 20/06/2017 at Vaspeth of PO, Divisional office MEDA, Kolhapur vetted by DGM, 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 tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|-----|-----|---------------|-----|----------------------------------|---|---------------------------------------|-------------------------------|---|-----------------------|--|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Min | Sec | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 377 | S-01 | 4420 | 1 | 17 | 8 | 20 | 75 | 19 | 41 | 660 | 660 | 156/2 | Sanamdi, Jath, Sangli | 0.257 | 4.992 | 00 | 31.10.15 | Within (+/-) 60 m elev. difference |
| 2 | 377 | S-04 | 4421 | 1 | 17 | 7 | 54 | 75 | 19 | 21 | 650 | 660 | 156/1 | Sanamdi, Jath, Sangli | 1.143 | 4.824 | -10 | 31.10.15 | Within (+/-) 60 m elev. difference |
| 3 | 377 | S-16 | 4423 | 1 | 17 | 7 | 47 | 75 | 19 | 36 | 650 | 660 | 156/1 | Sanamdi, Jath, Sangli | 1.164 | 4.358 | -10 | 31.10.15 | Within (+/-) 60 m elev. difference |
| 4 | 377 | S-22 | 4422 | 1 | 17 | 7 | 29 | 75 | 19 | 41 | 642 | 660 | 155 | Sanamdi, Jath, Sangli | 1.613 | 3.928 | -18 | 31.10.15 | Within (+/-) 60 m elev. difference |

- There is a NIWE, Chennai declared Vaspet 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 Vaspeth, Tal.- Jath, Dist.- Sangli (As per site inspection report, Latitude- 17⁰ 06' 10 N'' Longitude- 75⁰ 21' 25 E'' Elev.- 660m AMSL) having WPD- 220 W/m² @ 50 m AGL by C- 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. Siva Renewable Power & Energy Ltd, Chennai for their 4.0 MW (4x1000KW) capacity wind power project as per above list.
- ➤ **Minutes of hearing** Shri Vishwanath B. S. from M/s. Siva Renewable Power & Energy Ltd, Chennai was present in the hearing. No objection raised by them and by other representative of developers present for the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee concluded to issue a Wind Zone I letter to M/s. Siva Renewable Power & Energy Ltd for their 4.0 MW (4x1000KW) capacity of wind power project

- 10) Developer:- M/s. T.S. Wind power Developer.
- Site:- Ameni, Tal. Shahuwadi, Dist. Kolhapur (Ameni mast- Vetted by NIWE for M/s. Kenersys India Pvt Ltd, Pune).
- Investor:- M/s. Giriraj Enterprises.:- 2.0 MW (1 x 2000 KW).
- The project is commissioned during the financial year 2016-17
- As per site visit on dtd. 06/05/2017 at Mendhegiri of Shri. V.R. Pawaskar, Sr. Technician, MEDA Girye, the WTG location wise observations are as below:-

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | WTG Latitud e (N) | | | WTG Longitu de (E) | | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-----------------------------|------------------------|--|-------------------|-------------------------|-----|-----|--------------------------|-----|------|----------------------------------|---|---------------------------------------|-------------------------------------|---|-----------------------|--|-----------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | | | 7 | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Min | Sec | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| 1 | WPP- 13- 2000- 434 | AM-03 | Kolhapur/ Bhendwad e/Kenersys / 2.0MW/D/ 15-16/4465 | 2.0 | 16 | 57 | 4.6 | 73 | 57 | 23.3 | 754 | 865 | 1452 | Shirgaon, Shahuwadi, Kolhapur | 6.04 | - | -111 | 31/3/17 | Above (+/-) 60 m elev. difference |

Observation-

- There is a NIWE, Chennai vetted Ameni wind mast within the 10 km radial distance of the above mentioned wind power project for M/s. Kenersys India Pvt Ltd.
- Nearest reference Wind Mast for the above mentioned wind power project is at Village Ameni, Tal.- Shahuwadi, Dist.- Kolhapur (As per site inspection report, Latitude- N 16⁰ 59' 53.82" Longitude- E 73⁰ 55' 49.14" Elev.- 865 m AMSL) having WPD- 164.0 W/m² @ 50 m AGL & 203.3 W/m² @ 80 m AGL vetted by NIWE Chennai for M/s. Kenersys India Pvt Ltd, Pune vide their letter no.NIWE/WRA/131/2016-17 dtd. 17.01.2017.
- Further, it is also mentioned in NIWE report that, NIWE mast was located around 5 km at Kotholi & the mast height was 20m i.e within the 10 km radial distance of the above mentioned wind power project. The mast details given on NIWE website is Latitude- 16⁰ 57' 54.2 N'' Longitude- 73⁰ 58' 28.4 E'' Elev.- 782 m AMSL) having WPD- 180 W/m² @ 50 m AGL
- However, NIWE has sent a report on preparing WPD map at 50m & 80 m agl of 03 locations at Ameni, Dist. Kolhapur. The site specific WPD estimation is carried out for M/s Kenersys India Pvt Ltd, Pune and it is found that project site WPD at 50m & 80m are 164.0 W/m² & 203.3 W/m² respectively
- On the basis of above NIWE report, previously we recommended Wind Zone-I letter to 2 WTGs locations of wind power project of M/s. Giriraj Enterprises for their 04 MW (2x2000KW) under Site Ameni, Tal. Shahuwadi, Dist. Kolhapur.
- For 02 MW (1x2000KW) above mentioned wind power project, 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.

- It is observed that, elevation difference (in meter) between reference wind mast and above mentioned WTGs elevation is above within limit.
- As per approved procedure, if a wind power project falls
 - iii) Within the effective area, if 50% or more than 50% of WTG location co-ordinates of a wind power project are falling above or below 60m elevation difference with reference to the mean sea level of the wind mast, then either MEDA can advise the developer/investor to approach C-WET to obtain project specific annual mean WPD report from C-WET; or the developer/investor can request MEDA for permission to approach C-WET to obtain project specific annual mean WPD report from C-WET. MEDA may allow developer/investor to approach C-WET only in those cases which fall under this criterion.
 - iv) The classification of such wind power projects into wind zone class will be done on the basis of the project specific annual mean WPD issued by C-WET, a copy of which will be marked by C-WET to MEDA.
 - iii) C-WET will lay down appropriate methodology for the issuance of the project specific annual mean WPD.
- However, we have previously received NIWE report on preparing WPD map at 50m & 80 m agl of Ameni, Dist. Kolhapur. The site specific WPD of 03 locations estimation is carried out for M/s Kenersys India Pvt Ltd and it is found that project site WPD at 50m & 80m are 164.0 W/m² & 203.3 W/m² respectively. So, as per wind zone classification procedure, there is not requiring to developer/investor to approach NIWE (C-WET) to obtain project specific annual mean WPD report of 02 MW (1x2000KW) above mentioned wind power project at Ameni, Tal. Shahuwadi, Dist. Kolhapur site.
- MERC vide its letter no. MERC/RE Cell No. 6/2015-16/01457 dtd 9.2.2016 informed MEDA as below –

"In this regard, I am directed to inform you that in line with Regulation 26.2 of MERC (Terms and Conditions for determination of RE tariff) Regulation, 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 b50 meter hub height for classification of Wind Power Projects into the 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."

- 28.2 The annual mean wind power density specified in Regulation 28.1 shall be measured at 80 meter hub height, and State Nodal Agency shall certify the Wind Zone relevant to the proposed Wind Energy Project.
- As per NIWE report of specific WPD estimation for 2.0 MW (1 X 2000 KW) wind power project of M/s. Giriraj Enterprises at Ameni, Dist. Kolhapur the Average WPD (W/m²) at 80m height are found <=250W/m²

- 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 2.0 MW (1 X 2000 KW) capacity wind power project as per above list.
- ➤ **Minutes of hearing** No one is present from M/s. T.S. Wind power Developer / M/s. Giriraj Enterprises. Further, no objection raised by other developer present in the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee concluded to issue a Wind Zone I letter to M/s. Giriraj Enterprises for their 2.0 MW (1 x 2000 KW) capacity wind power project

- 11) Developer M/s. Windwind Power Energy Pvt Ltd.
 - Site Mendhegiri, Tal. Jath, Dist. Sangli (Mendhegiri, mast- MEDA Mast declared by NIWE).
 - Investor M/s. Global Metal & Energy Pvt Ltd 10 MW (5x2000KW).
 - The project is commissioned during the financial year 2016-17.
 - As per site visit on dtd. 09/05/2017 at Mendhegiri of Mr. Vijay Pawaskar, Sr. Techanician, MEDA Girye, the WTG location wise observations are as below:-

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|------|-----|---------------|------|----------------------------------|---|---------------------------------------|-------------------------------|---|-----------------------|--|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | | 7 | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Deg Min Sec | | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 368 | GME-01 | 4482 | 2 | 17 | 02 | 4.9 | 75 | 08 | 15.0 | 712 | 745 | 104 | Washan, Jath, Sangli | | 9.7 | -13 | 25.3.17 | Within (+/-) 60 m elev. difference |
| 2 | 368 | GME-02 | 4481 | 2 | 17 | 01 | 55.1 | 75 | 08 | 29.0 | 716 | 745 | 99 | Washan , Jath, Sangli | | 9.6 | -29 | 25.3.17 | Within (+/-) 60 m elev. difference |
| 3 | 368 | GME-03 | 4480 | 2 | 17 | 02 | 19.0 | 75 | 09 | 8.9 | 702 | 745 | 22/2 | Washan, Jath, Sangli | | 9.4 | -43 | 25.3.17 | Within (+/-) 60 m elev. difference |
| 4 | 368 | GME-05 | 4479 | 2 | 17 | 02 | 9.1 | 75 | 09 | 35.1 | 706 | 745 | 47 | Washan, Jath, Sangli | | 9.2 | -39 | 25.3.17 | Within (+/-) 60 m elev. difference |
| 5 | 368 | GME-06 | 4478 | 2 | 17 | 02 | 26.9 | 75 | 09 | 38.0 | 694 | 745 | 43/2 | Washan, Jath, Sangli | | 9.2 | -51 | 25.3.17 | Within (+/-) 60 m elev. difference |

- There is a NIWE, Chennai declared Mendhegiri 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 Mendhegiri, Tal.- Jath, Dist.- Sangli (As per site inspection report, Latitude- 16⁰ 59' 37.60 N'' Longitude- 75⁰ 13' 21.60 E'' Elev.- 745 m AMSL) having WPD- 208 W/m² @ 80 m AGL declared by C-WET, 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.
- MERC vide its letter no. MERC/RE Cell No. 6/2015-16/01457 dtd 9.2.2016 informed MEDA as below –

"In this regard, I am directed to inform you that in line with Regulation 26.2 of MERC (Terms and Conditions for determination of RE tariff) Regulation, 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 b50 meter hub height for classification of Wind Power Projects into the 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."

- 28.2 The annual mean wind power density specified in Regulation 28.1 shall be measured at 80 meter hub height, and State Nodal Agency shall certify the Wind Zone relevant to the proposed Wind Energy Project.
- ➤ 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. Global Metal & Energy Pvt Ltd to confirm the distance of their WTGs 10.00 MW (5 x 2000 KW) capacity wind power project at Site Mendhegiri, Tal. Jath, Dist. Sangli from reference wind mast. Also conform that, there is no any existing wind mast available within 10 km.
- ➤ Minutes of hearing No one is present from M/s. Windwind Power Energy Pvt Ltd / M/s. Global Metal & Energy Pvt Ltd. Further, M/s. Global Metal & Energy Pvt Ltd., vide their letter no. Global/MEDA/Wind Zone/10 MW/2016-17/03 dated. 24.8.17 has confirmed that, all WTGs locations as mention in above table is below 10 km radial distance. Also, they confirmed that, there is no any existing wind mast available within 10 km of the project site.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee discuss & evaluated the said proposal with respect to above points. Also, it is observed that, above project was commissioned on 25.3.17, so the annual mean wind power density shall be applicable at 80 meter hub height for said project. However, NIWE/MEDA Mendhegiri wind mast WPD estimation was carried out at 50 m. Therefore, it is recommended by committee to issue letter to the investor (cc to NIWE) for submission of project specific wind power density report for the said project.

- 12) Developer M/s. Sri Maruti Wind Park Developer.
 - Site Jadhavwadi, Tal. Khanapur, Dist. Sangli (Jadhavwadi mast- Vetted by NIWE for M/s. ReGen Powertech Pvt ltd, Chennai).
 - Investor M/s. Orange Maha Wind energy Pvt Ltd 10 MW (5x2000KW).
 - The project is commissioned during the financial year 2016-17.
 - As per site visit on dtd. 09/05/2017 at Jadhavwadi of Mr. Vijay Pawaskar, Sr. Technician, MEDA Girye, the WTG location wise observations are as below:-

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | Lon | WTG gitude | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|------|-----|---------------|------|----------------------------------|---|---------------------------------------|---------------------------------|---|-----------------------|--|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Deg Min Sec | | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 369 | K-01 | 4347 | 2 | 17 | 14 | 27.0 | 74 | 41 | 41.0 | 876 | 860 | 493 | Posewadi, Khanapur, Sangli | 6.67 | | 16 | 17.3.17 | Within (+/-) 60 m elev. difference |
| 2 | 369 | K-03 | 4346 | 2 | 17 | 14 | 53.0 | 74 | 41 | 08.5 | 876 | 860 | 661,665 | Posewadi, Khanapur, Sangli | 5.80 | | 16 | 17.3.17 | Within (+/-) 60 m elev. difference |
| 3 | 369 | G-67 | 4360 | 2 | 17 | 17 | 05.1 | 74 | 40 | 58.8 | 875 | 860 | 67 | Jakhinwadi, Khanapur, Sangli | 1.79 | | 15 | 17.3.17 | Within (+/-) 60 m elev. difference |
| 4 | 369 | GA-55 | 4344 | 2 | 17 | 13 | 53.5 | 74 | 41 | 51.6 | 864 | 860 | 518, 519, 520 | Khanapur, Khanapur, Sangli | 7.74 | | 04 | 17.3.17 | Within (+/-) 60 m elev. difference |
| 5 | 369 | UN-47 | 4385 | 2 | 17 | 15 | 47.6 | 74 | 45 | 58.7 | 805 | 860 | 428 | Benapur, Khanapur, Sangli | 9.45 | | -55 | 17.3.17 | Within (+/-) 60 m elev. difference |

- Nearest reference Wind Mast for the above mentioned wind power project is at Village Jadhavwadi, Tal.- Khanapur, Dist.- Sangli (As per sit inspection report, Latitude- 17⁰ 18' 02.2 N'' Longitude- 74⁰ 41' 10.7 E'' Elev.- 860 m AMSL) having WPD- 218.72 W/m² @ 80 m AGL vetted by C-WET, 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.
- MERC vide its letter no. MERC/RE Cell No. 6/2015-16/01457 dtd 9.2.2016 informed MEDA as below –

"In this regard, I am directed to inform you that in line with Regulation 26.2 of MERC (Terms and Conditions for determination of RE tariff) Regulation, 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 b50 meter hub height for classification of Wind Power Projects into the 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."

MERC (T and C for Determination of RE Tariff) Regulations, 10.11. 2015

28.2 - The annual mean wind power density specified in Regulation 28.1 shall be measured at 80 meter hub height, and State Nodal Agency shall certify the Wind Zone relevant to the proposed Wind Energy Project.

- As per NIWE report of specific WPD estimation for 10.0 MW (5 X 2000 KW) wind power project of M/s. Orange Maha Wind energy Pvt Ltd at Jadhavwadi, Dist. Sangli the Average WPD (W/m²) at 80m height are found <=250W/m²
- ➤ 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. Orange Maha Wind energy Pvt Ltd, for their 10.0 MW (5 X 2000 KW) capacity wind power project as per above list.
- ➤ Minutes of hearing Shri Ankushrao Dhane from M/s. Orange Maha Wind energy Pvt Ltd was present in the hearing. No objection raised by them and by other representative of developers present for the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee concluded to issue a Wind Zone I letter to M/s. Orange Maha Wind energy Pvt Ltd for their 10.0 MW (5 x 2000 KW) capacity wind power project

- 13) Developer M/s. T S Wind Power Developer.
 - Site Nandurpathar, Tal. Parner, Dist. Ahmednagar (Nandurpathar mast- Vetted by NIWE for M/s. T S Wind Power Developer).
 - Investor M/s. D J Malpani, Sangamner 7.2 MW (3x2400KW).
 - The project is commissioned during the financial year 2016-17.
 - As per site visit on dtd. 06/05/2017 at Nandurpathar of Mr. Bapu B Bhagat, Sr. Technician, MEDA Chalkewadi, the WTG location wise observations are as below:-

| Sr. No. | Final file no. | WTG Location No. | MEDA WTG No. | WTG Cap. MW | | WTG tude (| | WTG Longitude (E) | | | WTG Elev. MASL in mtrs. | Ref. Mast Elev. MASL in mtrs. | Forest Comp/ Survey/ Gut No. | Village Taluka District | Distance from Ref. wind mast in km | | Diff. betwn. Ref. wind mast and WTG Elev. (Mtr.) | Date of Comm | Remark |
|------------|-------------------|------------------------|--------------------|-------------------|-----|---------------|------|----------------------|-----|------|----------------------------------|---|---------------------------------------|-------------------------------|---|-----------------------|--|-----------------|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | | 7 | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 = 8-9 | 15 | 16 |
| | | | | | Deg | Min | Sec | Deg | Min | Sec | | | | | Pvt. Mast | NIWE/ MEDA Mast | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1 | 370 | NP-04 | 4452 | 2.4 | 19 | 10 | 12.1 | 74 | 15 | 09.4 | 877 | 906 | 1136 | Pemdarwadi, Junnar, Pune | 5.29 | | 29 | 31.3.17 | Within (+/-) 60 m elev. difference |
| 2 | 370 | NP-05 | 4453 | 2.4 | 19 | 10 | 03.9 | 74 | 15 | 06.7 | 880 | 906 | 1134 | Pemdarwadi, Junnar, Pune | 5.02 | | 26 | 31.3.17 | Within (+/-) 60 m elev. difference |
| 3 | 370 | NP-09 | 4455 | 2.4 | 19 | 09 | 20.6 | 74 | 15 | 23.4 | 898 | 906 | 912 | Pemdarwadi, Junnar, Pune | 4.01 | | 08 | 31.3.17 | Within (+/-) 60 m elev. difference |

- Nearest reference Wind Mast for the above mentioned wind power project is at Village Nandurpathar, Tal.- Parner, Dist.- Ahmednagar (As per site inspection report, Latitude-19⁰ 07' 29.5 N'' Longitude- 74⁰ 14' 11.4 E'' Elev.- 906 m AMSL) having WPD- 187.91 W/m² @ 80 m AGL vetted by C-WET, Chennai, for M/s. T S Wind Power Developer.
- Further, it is also mentioned in C-WET report that, C-WET mast was located around 9.8 km at Pimpalgaon i.e within the 10 km radial distance of the above mentioned wind power project. The mast details given on NIWE website is Latitude- 19⁰ 07' 30.2 N'' Longitude- 74⁰ 19' 45.5 E'' Elev.- 875 m AMSL) having WPD- 157 W/m² @ 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 within (+/-) 60 m elevation difference of referred wind mast.
- MERC vide its letter no. MERC/RE Cell No. 6/2015-16/01457 dtd 9.2.2016 informed MEDA as below –

"In this regard, I am directed to inform you that in line with Regulation 26.2 of MERC (Terms and Conditions for determination of RE tariff) Regulation, 2010 and the Commission's ruling in Case No. 100 of 2014, MEDA shall certify the Annual Mean Wind Power Density (WPD in W/m²) to be measured at b50 meter hub height for classification of Wind Power Projects into the 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."

- 28.2 The annual mean wind power density specified in Regulation 28.1 shall be measured at 80 meter hub height, and State Nodal Agency shall certify the Wind Zone relevant to the proposed Wind Energy Project.
- As per NIWE report of specific WPD estimation for 7.2 MW (3 X 2400 KW) wind power project of M/s. D J Malpani, Sangamner, at Nandurpathar, Dist. Ahmednagar the Average WPD (W/m²) at 80m height are found <=250W/m²
- 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. D J Malpani, Sangamner, for their 7.2 MW (3 X 2400 KW) capacity wind power project as per above list.
- ➤ Minutes of hearing No one is present from M/s. T S Wind Power Developer / M/s. D J Malpani. Further, no objection raised by other developer present in the hearing.
- ➤ Committee Recommendation Representative of applicant / Developer / Investor who present in the hearing has not raised any objection regarding committee suggestion. In view of this, Committee concluded to issue a Wind Zone I letter to M/s. D J Malpani for their 7.2 MW (3 x 2400 KW) capacity wind power project