

**Ministry of New and Renewable Energy  
Government of India  
Wind Energy Division**

**Wind Turbine Models included in the RLMM after declaration of new procedure (i.e 01 November 2018)**

As on 09.11.2020

| S. No | Manufacturing Company with contact details   | Company Incorporation Details |                              | License/ Collaboration/ Joint Venture       | Model Name  | Rotor Dia (RD) (m) | Hub Height (HH) (m) | Tower Type  | Capacity (kW)   | Type Certificate  |                        |               |  | Manufacturing system Certificate / ISO Certificate |               |                              |
|-------|--|-------------------------------|------------------------------|---|---|--------------------|---------------------|---|-----------------|---|------------------------|---------------|--|--|---------------|------------------------------|
|       |  | Date                          | Document                     |   |   |                    |                     |   |                 | According to  | Any Outstanding Issues | Validity till | Document                                 | According to                                       | Validity till | Document                     |
| 1     | M/s. Regen Powertech Private Limited<br>Sivanandam, 1st Floor, New No. 1, Pulla Avenue, Shenoy Nagar, Chennai, Tamil Nadu - 600030<br><br>Phone:044-42966200<br>Fax :044-42966298/99<br>Email: info@regenpowertech.com                                   | 27-12-2006                    | <a href="#">Regen Col</a>    | VENSYS Energy AG, Germany                   | VENSYS 116  | 116.1              | 90                  | Tubular Steel   | 2000 (SS)       | S-Class/Turbulance B-Class (GL 2010/IEC 61400-1:1999)             | No                     | 07-11-2021    | <a href="#">Vensys 116 TC</a>            | ISO: 9001 : 2015                                   | 29-04-2023    | <a href="#">Regen ISO</a>    |
| 2     |  |                               |                              |   | VENSYS 87   | 86.6               | 85                  | Tubular Steel   | 1500            | IEC Class III B (GL 2010)   | No                     | 26-01-2022    | <a href="#">Vensys 87 TC</a>             |  |               |                              |
| 3     | M/s Envision Wind Power Technologies India (Pvt) Ltd.,<br>Level 9, Platina, C-59, G Block, BKC, Bandra East, Mumbai-400051<br>Tel: 022-67000988 / 080-61296200,<br>Fax: 022-67000600<br>Email: mnder.bhambra@envision-energy.com, kane.xu@envisionen.com | 12-07-2016                    | <a href="#">Envision Col</a> | Envision Energy (JIANG SU) Co., Ltd., China | EN 115 2.3 MW IEC IIIA  | 115.9              | 90.32               | Tubular Steel   | 2300            | IEC Class III A (GL/ IEC 61400-22:2010)                           | No                     | 09-11-2021    | <a href="#">Envision EN 115 TC</a>       | ISO: 9001: 2015                                    | 01-05-2021    | <a href="#">Envision ISO</a> |
| 4     |  |                               |                              |   | Envision EN2.5-131 50Hz IEC S HH120                               | 131                | 100 / 120           | Tubular Steel   | 2500            | IEC 61400-22:2010   | No                     | 11-07-2023    | <a href="#">Envision EN 131 TC</a>       |  |               |                              |
| 5     | M/s. GE India Industrial Private Limited<br>Division: Wind Energy<br>601, 6th Floor, Tower B, RMZ Infinity, Old Madras Road, Bangalore - 560 016<br><br>Phone: 080-40482387<br>Fax: 080-40482341<br>email:Anand.Revankar@ge.com                          | 25-09-2009                    | <a href="#">GE Col</a>       | General Electric Renewables, Espana, S.L.   | GE 2.3-116, LM56.9, GE56.9,HH 94m, 50 Hz                          | 116                | 94                  | Tubular Steel   | 2330            | IEC S Class (IEC 61400-22:2010)                                   | No                     | 16-03-2021    | <a href="#">GE 2.3-116 TC</a>            | ISO 9001: 2015                                     | 05-03-2023    | <a href="#">GE ISO</a>       |
| 6     |  |                               |                              |   | GE 2.4-116, LM56.9P, HH 94m, 50 Hz                                | 116                | 94                  | Tubular Steel   | 2430            | IEC S Class (IEC 61400-22:2010)                                   | No                     | 08-08-2022    | <a href="#">GE 2.4-116 TC</a>            |  |               |                              |
| 7     |  |                               |                              |   | GE 2.5-132, GE64.5 / LM64.6P, HH94 & 130m, 50Hz IEC S (STW / CWE) | 132                | 130 / 94            | Tubular Steel   | 2530            | IEC S Class (IEC 61400-22:2010)                                   | No                     | 30-05-2024    | <a href="#">GE2.5-132TC</a>              |  |               |                              |
| 8     |  |                               |                              |   | GE 2.7-132  | 132                | 130 / 94            | Tubular Steel   | 2730(\$\$)      | IEC S Class (IEC 61400-22:2010)                                   | No                     | 25-08-2024    | <a href="#">GE2.7-132TC</a>              |  |               |                              |
| 9     | M/s. Suzlon Energy Limited<br>Tree Lounge, L-1, Left wing, One Earth, Opp. Magarpatta City Hadapsar Pune - 411028.<br><br>Phone: 020-401250009<br>Fax : 020-67022200<br>email:rchandra@suzlon.com  | 10-04-1995                    | <a href="#">Suzlon Col</a>   | Nil   | SUZLON S111 DFIG 2.1 MW (50 Hz)                                   | 111.8              | 90/120/140          | HH 90m-Tubular Steel & HH 120/140 m - Hybrid Lattice Tower    | 2100(**)**      | IEC IIIA/ IEC S (STV, HTV, HTV (Light)) Class (IEC 61400-22:2010) | No                     | 17-03-2021    | <a href="#">S111 DFIG 2.1MW TC</a>       | ISO 9001: 2015                                     | 20-02-2021    | <a href="#">Suzlon ISO</a>   |
| 10    |  |                               |                              |   | SUZLON S120 DFIG 2.1 MW (50 Hz)                                   | 120                | 105/140             | HH 105m -Tubular Steel Tower, HH 140m-Hybrid Lattice Tower    | 2100            | IEC S Class (IEC 61400-22:2010)                                   | No                     | 03-02-2024    | <a href="#">S120DFIG-TC</a>              |  |               |                              |
| 11    |  |                               |                              |   | S128 2.6 MW/ 2.8 MW   | 129                | 105 / 140           | HH 105m - Tubular Steel Tower, HH 140m - Hybrid Lattice Tower | 2600/2800       | IEC S Class (IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010)   | Yes                    | 23-04-2021    | <a href="#">S128PTC</a>                  |  |               |                              |
| 12    | M/s. Vestas Wind Technology India Private Limited<br>298, Rajiv Gandhi Sali, Sholinganallur, Chennai - 600119<br><br>Phone: 044-24505100<br>Fax : 044-24505101<br>email:adaya@vestas.com   | 09-11-2006                    | <a href="#">Vestas Col</a>   | Vestas Wind Systems A/S, Denmark            | Vestas V100-2MW 50 Hz VCS Mk10                                    | 100                | 75/80/95/100        | Tubular Steel   | 2000(***)       | IEC S Class (IEC 61400-22:2010)                                   | No                     | 29-04-2025    | <a href="#">Vestas V100-2MW 50 Hz TC</a> | ISO 9001: 2015                                     | 31-12-2021    | <a href="#">Vestas ISO</a>   |
| 13    |  |                               |                              |   | Vestas V120 2.0/2.1/2.2 MW 50Hz VCS Mk11                          | 120                | 118                 | Tubular Steel   | 2000/2100/ 2200 | IEC S Class (IEC 61400-22:2010)                                   | No                     | 25-06-2024    | <a href="#">VestasV120TC</a>             |  |               |                              |

|    |  |            |                             |  |   |       |                              |  |            |  |     |            |                                      |                |            |                             |
|----|--|------------|-----------------------------|--|---|-------|------------------------------|--|------------|--|-----|------------|--------------------------------------|----------------|------------|-----------------------------|
| 14 | M/s. Inox Wind Limited<br>Inox Towers, Plot No. 17<br>Sector - 16-A,<br>Noida, Uttar Pradesh - 201301<br><br>Phone: 0120-6149708<br>Fax: 0120-6149610<br>Email: prosanto.mullick@inoxwind.com  | 09-04-2009 | <a href="#">Inox Col</a>    | AMSC<br>Austria<br>GmbH,<br>Austria  | Wind Turbine Inox<br>Wind DF-2000/113<br>Rotor Blade WB552<br>2.0 Hub Heights<br>92m and 120m, GL<br>WTC IIIA               | 113   | 92/120                       | HH 92 m – Tubular<br>Steel<br>HH 120 m –<br>Hybrid tower with<br>tubular steel sections<br>and concrete bottom | 2000       | GL 2010<br>GL Class III A  | No  | 19-11-2022 | <a href="#">DF2000-113 TC</a>        | ISO 9001: 2015 | 02-04-2021 | <a href="#">Inox ISO</a>    |
| 15 | M/s. Servion Wind Technology Private Limited,<br>B5/04, Delpi Building, Orchard Avenue, Sector<br>No.3, Hiranandani Business Park, Hiranandani<br>Garden, Powai, Mumbai-400076<br>Phone 022-71299700<br>Email: amd.kansal@servion.com  | 02-02-2017 | <a href="#">Servion Col</a> | Servion GmbH<br>Germany  | Servion 2.3M120 -<br>2300kW<br>Rotor Blade Type -<br>LM58.7P and<br>LM58.7P5<br>HH 120m IEC WT<br>Class S (Based on<br>IIB) | 120   | 120                          | Tubular Steel  | 2300#      | IEC 61400-22:2010<br>and IEC 61400-<br>1:2005<br>+AMD1:2010<br>IEC WT Class S<br>IIB | No  | 14-09-2022 | <a href="#">Servion 2.3<br/>M120</a> | ISO 9001:2015  | 12-07-2021 | <a href="#">Servion ISO</a> |
| 16 | M/s. Siva Wind Turbine India Private Limited,<br>12/A, Kandiapolyam, Perambur-630052 Erode<br>District, Tamil Nadu Phone No.<br>04294-220017<br>Email: man@sivapolyamers.com   | 28-02-2005 | <a href="#">Siva Col</a>    | No   | SIVA 250/50   | 30    | 50                           | Lattice  | 250        | IEC 61400-22:2010<br>and IEC 61400-<br>1:2005<br>+AMD1:2010                          | No  | 21-02-2023 | <a href="#">Siva 250/50</a>          | ISO 9001:2015  | 10-08-2023 | <a href="#">Siva ISO</a>    |
| 17 |  |            |                             |  | SIVA 225/40   | 30    | 50                           | Lattice  | 225        | IEC 61400-22:2010<br>and IEC 61400-<br>1:2005<br>+AMD1:2010                          | No  | 21-02-2023 | <a href="#">Siva 225/40</a>          |                |            |                             |
| 18 | M/s. Siemens Gamesa Renewable Power Private<br>Limited<br>No. 334, The Futara IT Park, B-Block, 8th<br>Floor, Old Mahabalipuram Road,<br>Sholinganallur, Chennai - 600 119<br><br>Phone: 044 - 39242424<br>Fax: 044-30060661<br>email:rkymal@gamescorp.com                                   | 06-05-2006 | <a href="#">Gamesa Col</a>  | Siemens<br>Gamesa<br>Renewable<br>Energy<br>Innovation and<br>Technology,<br>S.L., Spain | G97-2.0MW 50Hz  | 97    | 104/108                      | Tubular Steel  | 2000       | IEC S Class (IEC<br>61400-22:2010)   | No  | 16-03-2022 | <a href="#">G97-2.0MW TC</a>         | ISO 9001: 2015 | 13-07-2021 | <a href="#">Gamesa ISO</a>  |
| 19 |  |            |                             |  | G97-2.0MW 50Hz  | 97    | 90/104/108                   | Tubular Steel  | 2000       | IEC S Class (IEC<br>61400-22:2010)   | No  | 16-03-2022 | <a href="#">G97-2.0MW TC</a>         |                |            |                             |
| 20 |  |            |                             |  | G114-2.0MW  | 114   | 106/110 (with a<br>pedestal) | Tubular Steel  | 2000       | IEC S Class (IEC<br>61400-22:2010)   | No  | 22-07-2021 | <a href="#">G114-2.0MW TC</a>        |                |            |                             |
| 21 |  |            |                             |  | SG 2.1-122 Rotor<br>Blade Type SGRE<br>122 CS /LM 60.0 P<br>108 m / 127 m HH<br>IEC WT class S                              | 122   | 108/127                      | Tubular Steel  | 2100       | IEC S Class (IEC<br>61400-22:2010)   | No  | 24-05-2023 | <a href="#">SG2.1-122TC</a>          |                |            |                             |
| 22 |  |            |                             |  | SG 2.2-122  | 122   | 108/127                      | Tubular Steel  | 2200       | IECRE<br>IEC S Class (IEC<br>61400-1:2005 +<br>Amd 1:2010)                           | No  | 24-05-2023 | <a href="#">SG2.2-122TC</a>          |                |            |                             |
| 23 |  |            |                             |  | SG 3.4-145  | 145   | 127.5                        | Tubular Steel  | 3465 (###) | IECRE<br>Class S, IEC 61400-<br>1/A1, 2010   | Yes | 30-07-2021 | <a href="#">SG3.4-145PTC</a>         |                |            |                             |
| 24 | M/s. PASL Wind Solution (P) Limited Plot No.<br>34-35, Phase-1, G.I.D.C., Vatva, Ahmedabad-<br>382445<br><br>Phone: +91-79-40264747<br>Fax: +91-79-40264676<br>email: aajaver@pws.in   | 23-09-2008 | <a href="#">PASL Col</a>    | No   | PWS1800i  | 83.64 | 80                           | Tubular Steel  | 1500 S     | IEC Class II A   | No  | 17-05-2023 | <a href="#">PWS1800i TC</a>          | ISO 9001: 2015 | 09-09-2020 | <a href="#">PASL ISO</a>    |
| 25 |  |            |                             |  | PWS 1250i (de-<br>rated configuration)  | 68    | 74                           | Tubular Steel  | 1050       | GL 2010 WT Class<br>IIA  | No  | 16-02-2021 | <a href="#">PWS1250iTC</a>           |                |            |                             |
| 26 |  |            |                             |  | PWS 900, 800.0<br>kW, P-28, HH<br>71.0m, IEC wind<br>class IIA  | 58    | 71                           | Tubular Steel  | 800        | GL 2010  | No  | 03-09-2023 | <a href="#">PWS900i-TC</a>           |                |            |                             |
| 27 | M/s. Nordex India Private Limited<br>(Formerly known as M/s. Acciona Wind Power<br>India Pvt. Ltd.)<br>C1-001, Tower C, Ground floor, The Millennia,<br>No. 1 & 2, Murphy Road, Ulsoor, Bangalore -<br>560008<br>Phone: 080-4091660<br>Fax: 080-40916661<br>Email: pvittal@nordex-online.com | 26/09/2018 | <a href="#">Nordex Col</a>  | Nordex Energy<br>Spain S.A.U,<br>Spain   | AW125/3000 IEC<br>IIB TH120 AW61.2-<br>2 50 Hz  | 125   | 120                          | Tubular<br>Reinforcement<br>Concrete Tower   | 3000       | GL 2010<br>WT Class IIB  | No  | 11-11-2023 | <a href="#">AW125-TC</a>             | ISO 9001: 2015 | 13-08-2021 | <a href="#">Nordex-ISO</a>  |
| 28 |  |            |                             |  | AW140/3000 IEC S<br>TH120 AW 68.7 50<br>Hz  | 140   | 120                          | Tubular<br>Reinforcement<br>Concrete Tower   | 3000#      | GL 2010<br>WT Class S  | No  | 12-11-2023 | <a href="#">AW140-TC</a>             |                |            |                             |

|    |  |            |                          |    |  |       |             |  |     |   |     |            |                                   |                |            |                          |
|----|--|------------|--------------------------|----|--|-------|-------------|--|-----|---|-----|------------|-----------------------------------|----------------|------------|--------------------------|
| 29 | M/s. Para Enterprises Pvt. Ltd. (Formerly Pioneer Wincon Pvt. Ltd.)<br>Tamarai, Tech park, 7th Floor, 16-20A, (SP developed plots), Jawahar Lal Nehru Salai, Industrial Estate, Gundl, Chennai, Tamil Nadu - 600032<br>Phone : 044 - 43414700<br>Email: pg@pioneerwincon.com<br>ramu@pioneerwincon.com | 06-09-2015 | <a href="#">Para-Col</a> | No | Pioneer Wincon 750/49, 750.0 kW, HT24, HH 61.5 & 75.0m, IEC III B    | 49.17 | 61.5/ 75    | 4- legged Lattice Steel Tower with tower top adapter | 750 | IEC 61400-22:2010                                 | No  | 23-05-2023 | <a href="#">Pioneer_750/49-TC</a> | ISO 9001: 2015 | 05-03-2021 | <a href="#">Para-ISO</a> |
| 30 |  |            |                          |    | Pioneer Wincon 750/57, 750.0 kW, PW28, HH 75.0m, IEC wind class IIIA | 57    | 75          | 4- legged Lattice Steel Tower with Tower Top Adapter | 750 | IEC 61400-22:2010                                 | Yes | 05-12-2020 | <a href="#">Pioneer_750/57-TC</a> |                |            |                          |
| 31 | M/s Pioneer Wincon Energy Systems Pvt. Ltd.<br>Tamarai, Tech park, 7th Floor, 16-20A, (SP developed plots), Jawahar Lal Nehru Salai, Industrial Estate, Gundl, Chennai, Tamil Nadu - 600032<br>Phone : 044 - 43414728<br>Email: pg@pioneerwincon.com<br>ramu@pioneerwincon.com                         | 21/9/2018  | <a href="#">PWES-Col</a> | No | Pioneer Wincon 750/49, 750.0 kW, HT24, HH 61.1m & 75.3m, IEC IIIA    | 49    | 61.1 / 75.3 | Lattice Steel Tower                                  | 750 | IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010 | No  | 29-01-2024 | <a href="#">PW750TC</a>           | ISO 9001: 2015 | 31-03-2022 | <a href="#">PWES-ISO</a> |

Note: This RLMM list has been prepared with the available documents / information furnished by the wind turbine manufacturers for the wind turbine models being manufactured by them. State Electricity Boards, TRANSCOs, State Nodal Agencies, Developers and any party referring this RLMM list shall verify complete type approval / certificate of the models listed above including ISO certificate for verification of validity period, detailed specifications, power curve and all the other relevant information including its legal implications. Also refer the renewed Type Certificate / ISO certificate for the validity period above than the period mentioned.

\*WTG model can operate with Power output upto 2.2 MW under Enhanced Performance mode as per the Type Certificate.

\*\* The validity of the Type Certificate has been limited to 17.03.2021 (though the Type Certificate has the validity till 29.07.2025) in view of expiry of component certificate mentioned in the Type Certificate.

S Only ABB make generator and ABB make converter shall be used

SS M/s. Regen Powertech Pvt. Ltd. is undergoing the Corporate Insolvency Resolution Process (CIRP)

###As per information provided by M/s. Servion Wind Technology Pvt. Ltd., Servion GmbH, Germany has filed for debtor-in-possession (d.i.p.) proceedings on 9 April 2019, in accordance with laws of Germany

#Only ELIN (model no. HRL-071 Z06) and Siemens AG (model no. DFIG-JPRA-630LR-06A) generators shall be used

### The validity of the Type Certificate is restricted to the expiry date of Type Test Evaluation Provisional Conformity Statement i.e., 30.07.2021

SSS The validity of type certificate is restricted to the expiry date of Component certificate i.e. 25.08.2024

\*\*\* The wind turbine model can operate at the rated power range 2.0-2.2 MW depending upon de-rating strategy

Disclaimer: Inclusion of any wind turbine manufacturer and wind turbine model in RLMM list is based on the documents and information furnished by the respective company and it does not amount to certification or recommendation in any manner including suitability, usability etc., of the wind turbine models included in the list. Nevertheless, MNRE shall in no way be responsible or liable for any consequences including technical, commercial, operational, environmental and legal implications that may arise due to the usage of the list by any party at any time. The responsibility for the usage, verification of complete documents and consequences thereof lies entirely with the user.