

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

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

As on 02.01.2025

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. Adani New Industries Limited (Formerly known as Mundra Windtech Limited), Adani Corporate House, Shantigram, SG Highway, Ahmedabad, Gujarat - 382 421 Ph. - 079-25555013 Fax: 079-25557177 Email: mbind.kulkarni@adani.com	24/06/2023	<a href="#">Adani Col</a>	W2E Wind to Energy GmbH, Germany	MWL-160-5.2MW	160	120	Tubular Tower	5200 (**)	IECRE Class S, IEC 61400-1 Edition 4.0 2019-02	No	4/13/2027	<a href="#">MWL160-5.2 TC</a>	ISO: 9001: 2015	11/30/2025	<a href="#">Adani ISO</a>	
2				Windey Energy technology Group Co. Ltd. (Formerly known as Zhejiang Windey Co. Ltd.), China	WD147-3000	145.9	100	Steel Tubular Tower	3000	IEC 61400 -22 Ed. 1.0 & IS/IEC 61400-22 2018-06, Class S, IEC 61400-1:2005+AMD1:2010	No	12/19/2028	<a href="#">WD147-3000 TC</a>				
				Windey Energy technology Group Co. Ltd. (Formerly known as Zhejiang Windey Co. Ltd.), China	WD164-3300	163.95	139.73	Tubular Steel	3300	IEC 61400 -22 Ed. 1.0 Class S, IEC 61400-1:2005+AMD1:2010	No	9/22/2029	<a href="#">WD164-3300 TC</a>				
3				W2E Wind to Energy GmbH, Germany	MWL-160-5.2MW HYT-140 m	160	140	Hybrid Tower	5200	IECRE Class S, IEC 61400-1 Edition 4.0 2019-02	No	4/3/2029	<a href="#">MWL 160-5.2 MW HYT 140m TC</a>				
4	Application of M/s. Envision Energy India Private Limited (M/s. EEPI) (Formerly known as M/s. Envision Wind Power Technologies India Private Limited (M/s. EWPTPI)), No. 24, 16th Floor, Concorde Block, UB City, Vittal Mallaya Road, Bengaluru - 560001 Tel: 080-61296200 Fax: 080-61296215 Email: pr.gopan@envision-energy.com	12/07/2016	<a href="#">Envision Col</a>	Envision Energy Co., Ltd., China	EN-156/3.3 MW	156	140 / 143	Tubular Steel	3300 (###)	IEC 61400-22:2010	No	3/26/2025	<a href="#">Envision EN-156 TC</a>	ISO: 9001: 2015	8/14/2026	<a href="#">Envision ISO</a>	
				Envision Energy Co., Ltd., China	EN-156/3.3 (LM76.5 P and EN 76.5 A V2)	156	120/ 123/ 140/ 143	Tubular Steel	3300 (####)	IEC 61400-22:2010	No	2/4/2026	<a href="#">Envision EN-156 TC (LM76.5 P and EN 76.5 A V2)</a>				
5	M/s. GE India Industrial Private Limited Division: Wind Energy 601, 6th Floor, Tower B, RMZ Infinity, Old Madhav Road, Bangalore - 560 016 Phone: 080-40482387 Fax: 080-40482341 email:Anand.Revankar@ge.com	25/09/2009	<a href="#">GE Col</a>	General Electric Renewables, Espana, S.L.	GE 2.7 - 132	132	130 /94	Tubular Steel	2730	IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010 IEC WT Class S	No	8/10/2028	<a href="#">GE2.7-132TC</a>	ISO 9001: 2015	3/5/2026	<a href="#">GE ISO</a>	
6	M/s. Suzlon Energy Limited Tree Lounge, L-1, Left wing, One Earth, Opp. Magarpatta City Hadapsar Pune - 411028.	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	7/29/2025	<a href="#">S111 DFIG 2.1MW TC</a>	ISO 9001: 2015	2/20/2027	<a href="#">Suzlon ISO</a>	

7	Phone: 020-40129009 Fax : 020-6702200 email:rchandra@suizon.com				SUZLON S120 DFGG 2.1 MW (50 Hz)	120	105/120/140	HH 105m & 120m - Tubular Steel Tower, HH 140m-Hybrid Lattice Tower, HH 140m - Hybrid Concrete Tower	2100(%%)	IEC S Class (IEC 61400-22:2010) and IEC 61400-1:2005 +AMD1:2010)	No	10/18/2028	<a href="#">S120DFG-TC</a>			
8					S144-3.0 / 3.15 MW	144	105/140/160	HH 105m -Tubular Steel Tower, HH 140m-Hybrid Lattice Tower, HH 160m - Hybrid Lattice Tower	3000/3150	IS/IEC 61400-22 and IEC 61400-22 WT class S	No	3/26/2029	<a href="#">S144-TC</a>			
9					S133 2.6 MW/ 2.8 MW / 3.0 MW	133	105 / 140 / 160	HH 105m - Tubular Steel Tower, HH 140m - Hybrid Lattice Tower & Modular Hybrid Lattice Tower, HH 160m - Modular Hybrid Lattice Tower	2600/ 2800/ 3000	IS/IEC 61400-22 and IEC 61400-22 WT class S	No	2/27/2027	<a href="#">S133_PTC</a>			
10	M/s. Vestas Wind Technology India Private Limited Block B, 5th Floor, Tecci Park, Rajiv Gandhi Salai, Sholinganallur, Chennai - 600119  Phone: 044-24505100 Fax : 044-24505101 email:adaya@vestas.com	09/11/2006	<a href="#">Vestas Col</a>	Vestas Wind Systems A/S, Denmark	Vestas V110-2MW 50 Hz VCS Mk10	100	75/80/95/100	Tubular Steel	2000(****)	IEC S Class (IEC 61400-22:2010)	No	4/29/2025	<a href="#">Vestas V100-2MW 50 Hz TC</a>	ISO 9001: 2015	12/31/2024	<a href="#">Vestas ISO</a>
11					Vestas V155-3.6 MW	155	102.5/ 105/ 118/ 120/ 136/ 137	Conical Steel	3600	IS/IEC 61400-22:2010	No	12/1/2027	<a href="#">VestasV155TC</a>			
12	M/s. Inox Wind Limited Inox Towers, Plot No. 17 Sector - 16-A, Noida, Uttar Pradesh – 201301  Phone: 0120-6149708 Fax: 0120-6149610 email: prosanto.mullick@inoxwind.com	09/04/2009	<a href="#">Inox Col</a>	AMSC Austria GmbH, Austria	Wind Turbine Inox Wind DF/2000/113 Rotor Blade WB552 2.0 Hub Height 92m, GL WTC IIIA	113	92	HH 92 m -Tubular Steel	2000	GL 2010 GL Class III A	No	2/12/2027	<a href="#">DF2000-113 TC</a>	ISO 9001: 2015	6/26/2026	<a href="#">Inox ISO</a>
13					Wind Turbine INOX DF/3000/145 3.0MW Power Booster Mode 3.3 MW Rotor Blade Type SRT1 V2 (T- Bolt), Hub Height 100 m IEC WT Class IIB	145	100	Tubular Steel Tower	3000 (3300 Power Boost)	IS/IEC 61400-22:2010	No	10/13/2027	<a href="#">DF3000-145 TC</a>			
14	M/s. Senvion Wind Technology Private Limited, B501, Dolphin Building, Orchard Avenue, Sector No.3, Hiranandani Business Park, Hiranandani Garden, Powai, Mumbai-400076 Phone 022-71299700 Email: amit.kansal@senvion.com	02/02/2017	<a href="#">Senvion Col</a>	RE Technologies GmbH, Germany	Senvion 2.3M120 - 2300kW Rotor Blade Type - LM58.7P and LM58.7P5 HH 120m IEC WT Class S (Based on IIB)	120	120	Tubular Steel	2300	IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010 IEC WT Class S IIB	No	7/26/2027	<a href="#">Senvion 2.3_M120</a>	ISO 9001:2015	1/17/2027	<a href="#">Senvion ISO</a>
15					Senvion 2.3M130/2.7MW	130	120/130/140	Tubular Steel	2700 (%)	IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010 IEC WT Class S	No	12/2/2026	<a href="#">Senvion 2.3_M130</a>			
16	M/s. Siva Wind Turbine India Private Limited, 12/A, Kandapalayam, Perundurai-638052 Erode District, Tamil Nadu Phone No. 04294-220017 Email: manj@staployers.com	28/02/2005	<a href="#">Siva Col</a>	No	SIVA 250/50	30	50	4-Legged Lattice Steel tower	250	IS/IEC 61400-22: 2010	No	7/21/2026	<a href="#">Siva 250/50</a>	ISO 9001:2015	8/8/2026	<a href="#">Siva ISO</a>
17					SIVA 225/40	30	50	4-Legged Lattice Steel tower	225	IS/IEC 61400-22: 2010	No	10/27/2026	<a href="#">Siva 225/40</a>			
18	M/s. Siemens Gamesa Renewable Power Private Limited No.489, G.N.T. Road, Thandalkazhani, Vadugarai PO, Red hills, Chennai – 600052  Phone: 044 - 39242424 Fax: 044-30060661 email: navin.dewaj@siemensgamesa.com	06/05/2006	<a href="#">Gamesa Col</a>	Siemens Gamesa Renewable Energy Innovation and Technology, S.L, Spain	G114-2.0MW	114	106/110 (with a pedestal)	Tubular Steel	2000	IEC S Class (IEC 61400-1:2005+AMD1:2010)	No	7/22/2025	<a href="#">G114-2.0MW TC</a>	ISO 9001: 2015	6/23/2027	<a href="#">Gamesa ISO</a>

19					SG 2.2-122	122	127	Tubular Steel	2200	IEC 61400-22 IEC WT Class S	No	11/21/2028	<a href="#">SG2.2-122TC</a>			
20					SG 3.4-145	145	127.5/ 133.5	Tubular Steel	3465	IECRE Class S, IEC 61400-1/A1, 2010	No	12/1/2025	<a href="#">SG3.4-145TC</a>			
21					SG 3.4-145 (LM 71.0 P2)	145	127.5	Tubular Steel	3465	IECRE Class S, IEC 61400-1/A1, 2010	No	12/1/2025	<a href="#">SG3.4-145P2TC</a>			
22					SG 3.6-145	145	127.5/ 133.5	Tubular Steel	3600 (1)	IECRE Class S, IEC 61400-1/A1, 2010	No	12/1/2025	<a href="#">SG3.6-145TC</a>			
23					SG 3.6-145 (LM 71.0 P2)	145	127.5	Tubular Steel	3600	IECRE Class S, IEC 61400-1/A1, 2010	No	12/1/2025	<a href="#">SG3.6-145P2TC</a>			
24	M/s Pioneer Wincon Energy Systems Pvt. Ltd. Tamarai, Tech park, 7th Floor, 16-20A, (SP developed plots), Jawahar Lal Nehru Salai, Industrial Estate, Gundi, Chennai.	29/9/2018	<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	1/29/2024	<a href="#">PW750TC</a>	ISO 9001: 2015	3/30/2025	<a href="#">PWES-ISO</a>
25	Tamil Nadu - 600032 Phone: +91 - 43414728 Email: ps@pioneerwincon.com ramu@pioneerwincon.com				Pioneer Wincon 750/49, 750.0 kW, HT24, HH61.5 & HH75.0m, IEC IIIA	49.17	61.5 / 75	4-legged Lattice Steel Tower with Tower Top Adapter	750	IS/IEC 61400-22:2010 and IEC 61400-1:2005 Ed. 3 + AMD1:2010	No	12/5/2028	<a href="#">PW 750/49/24 TC</a>			
26					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 and IEC 61400-1:2005 +AMD1:2010	No	12/5/2024	<a href="#">PW750/57-TC</a>			
27					Pioneer Wincon 750/57, 750.0 kW, PW28, HH 90.0m, IEC wind class IIIA	57	90	4-legged Lattice Steel Tower with Tower Top Adapter	750	IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010	No	2/4/2027	<a href="#">PW750-90m-TC</a>			
28	Sany Wind Energy India Private Limited Plot No. E-4, Phase III, M.I.D.C. Chakan, Taluka Khed, Pune, Maharashtra - 410501 Ph:02135 670201 Email: govind.bhagwatkar@sanygroup.com	11/24/2016	<a href="#">Sany Col</a>	Yes	SI-16840	166.8	139	Tubular Steel Tower	4000	IS/IEC 61400-22 :2010	No	10/12/2028	<a href="#">SI-16840 TC</a>	ISO 9001:2015	8/24/2026	<a href="#">SANY ISO</a>
29	WEG Industries (India) Pvt Ltd Eshwari Arcade, No:250, 14th Main, 7th sector, HSR layout, Bengaluru, Karnataka - 560102 Ph: 080-4643 7450 fmozart@weg.net	4/10/2008	<a href="#">WEG Col</a>	No	AGW 147/4.2	147	120	Tubular Steel Tower	4200	IIIB, IECRE 61400-1:2019	No	11/1/2028	<a href="#">AGW147 TC</a>	ISO 9001:2015	9/7/2024	<a href="#">WEG ISO</a>
30	M/s Southern Wind Farms Limited 11/1 (8/1), Plot No. C-87, 80th Street 18th Avenue, Ashok Nagar, Ashoknagar (Chennai), Chennai, Chennai City Corporation, Tamil Nadu (India) - 600083 Email id: info@swf.co.in	2/23/2005	<a href="#">SWF Col</a>	No	GWL 225	29.8	48.7	Tubular Steel Tower (Folded Bolted)	225	IS/IEC 61400-22:2010 and IEC 61400-1 Edition 3.1 dated 2014-04 Class S	No	7/26/2026	<a href="#">GWL225 TC</a>	ISO 9001:2015	1/2/2027	<a href="#">SWF ISO</a>
31	M/s PowerWind Limited, Plot No. 352-353, Sector-2, HSHDC Industrial Area, Bawal, Rewari (Haryana) - 123501	11/20/2023	<a href="#">PowerWind Col</a>	No	PowerWind 56	56	71	Tubular Steel Tower (3 Sections)	900	IS/IEC 61400-22 & IEC 61400-1 Ed. 3.1 2014-04, Class IIIB	No	7/3/2029	<a href="#">PowerWind56 TC</a>	ISO 9001:2015	3/7/2027	<a href="#">PowerWind ISO</a>

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

!The power curve of SG 3.4-145' wind turbine model having rated power of 3.465 MW was used for type certification of SG 3.6-145' wind turbine model. Only SGRE (type: CR33-6P) make generator shall be used.

### The geographical altitude of the erection site shall be maximum 2000m above sea level. The validity of the Type Certificate is restricted to the expiry date of Component Certificate i.e. 26.03.2025. WTG model is listed with blade type viz., EN 76.5 A V2' only. The blade type viz., LM76.5 P' is not included in RLMM.

### The validity of the Type Certificate is restricted to the expiry date of Component Certificate i.e. 04.02.2026. The geographical altitude of the erection site shall be maximum 2000m above sea level. WTG model is listed with blade type viz., EN 76.5 A V2' only. The blade type viz., LM76.5 P' is not included in RLMM.

% In case of blades manufactured by an alternate vendor viz., M/s Ria Blades S.A are used, only 10 sets of blades (Sl. Nos. RB002 to RB031) included in the type certificate shall only be used

%% 2250 kW (Enhanced performance mode) is not considered for RLMM and Max. altitude above sea level is 1000 m. Hub and Nacelle Assembly facility located at Pondicherry is not included.

\*\* The validity of type certificate is restricted to the expiry date of Component certificate i.e. 13.04.2027.

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.