

**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 11.11.2024

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: milind.kulkarni@adani.com	24/06/2023	Adani Col	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	MWL160-5.2 TC	ISO: 9001: 2015	11/30/2025	Adani ISO
2					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	WD147-3000 TC			
3					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	MWL 160-5.2 MW HYT 140m TC			
4	M/s Envision Wind Power Technologies India (Pvt) Ltd., No. 24, 16th Floor, Concorde Block, UB City, Vittal Mallya Road, Bengaluru - 560001 Tel: 080-61296200 Fax: 080-61296215 Email: pr.gopan@envision-energy.com	12/07/2016	Envision Col	Envision Energy/JIANG SU) Co., Ltd., China	EN-156/3.3 MW	156	140 / 143	Tubular Steel	3300 (###)	IEC 61400-22:2010	No	3/26/2025	Envision EN-156 TC	ISO: 9001: 2015	8/14/2026	Envision ISO
5	M/s. GE India Industrial Private Limited Division: Wind Energy, 601, 6th Floor, Tower B, RMZ Infinity, OM Madras Road, Bangalore - 560 016 Phone: 080-40482387 Fax: 080-40482341 email:Anand.Revankar@ge.com	25/09/2009	GE Col	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	GE2.7-132TC	ISO 9001: 2015	3/5/2026	GE ISO
6	M/s. Suzlon Energy Limited Tree Lounge, L-1, Left wing, One Earth, Opp. Magarpatta City Hadapsar Pune - 411028. Phone: 020-401250009 Fax :020-67022200 email:rchandra@suzlon.com	10/04/1995	Suzlon Col	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	S111 DFIG 2.1MW TC	ISO 9001: 2015	2/20/2027	Suzlon ISO
7					SUZLON S120 DFIG 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	S120DFIG-TC			
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	S144-TC			

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	S133 PTC			
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:adhy@vestas.com	09/11/2006	Vestas Co.	Vestas Wind Systems A/S, Denmark	Vestas V100-2MW 50 Hz VCS Mk10	100	7580/95/100	Tubular Steel	2000(***)	IEC S Class (IEC 61400-22:2010)	No	4/29/2025	Vestas V100-2MW 50 Hz TC	ISO 9001: 2015	12/31/2024	Vestas ISO
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	VestasV155TC			
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.mullik@inoxwind.com	09/04/2009	Inox Co.	AMSC Austria GmbH, Austria	Wind Turbine Inox Wind DF/2000 113 Rotor Blade WB552 2.0 Hub Height 92m, GL WTC IIA	113	92	HH 92 m - Tubular Steel	2000	GL 2010 GL Class III A	No	2/12/2027	DF2000-113 TC	ISO 9001: 2015	6/26/2026	Inox ISO
13					Wind Turbine INOX DF/3000/145 3.0MW Power Booster Mode 3.3 MW Rotor Blade Type SR71 V2 (T-Boh), 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	DF3000-145 TC			
14	M/s. Servion Wind Technology Private Limited, 85/01, Dolphin Building, Orchard Avenue, Sector No.3, Hiranandani Business Park, Hiranandani Garden, Powai, Mumbai-400076 Phone 022-71299700 Email: amit.kansal@servion.com	02/02/2017	Servion Co.	RE Technologies GmbH, Germany	Servion 2.3M120 - 2300kW Rotor Blade Type - LMS8.7P and LMS8.7PS 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	Servion 2.3 M120	ISO 9001:2015	1/17/2027	Servion ISO
15					Servion 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	Servion 2.3 M130			
16	M/s. Siva Wind Turbine India Private Limited, 12/A, Kandapalayam, Perundurai-638052 Erode District, Tamil Nadu Phone No. 04294-220017 Email: mani@sivapower.com	28/02/2005	Siva Co.	No	SIVA 250/50	30	50	4-Legged Lattice Steel tower	250	IS/IEC 61400-22: 2010	No	7/21/2026	Siva 250/50	ISO 9001:2015	8/8/2026	Siva ISO
17					SIVA 225/40	30	50	4-Legged Lattice Steel tower	225	IS/IEC 61400-22: 2010	No	10/27/2026	Siva 225/40			
18	M/s. Siemens Gamesa Renewable Power Private Limited No.489, G.N.T. Road, Thandalkazham, Vadagarai PO, Red hills, Chennai - 600052 Phone: 044 - 39242424 Fax: 044-30060661 email: mvn.dewaji@siemensgamesa.com	06/05/2006	Gamesa Co.	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	G114-2.0MW TC	ISO 9001: 2015	6/23/2027	Gamesa ISO
19					SG 2-2-122	122	127	Tubular Steel	2200	IEC 61400-22 IEC WT Class S	No	11/21/2028	SG2-2-122TC			
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	SG3.4-145TC			
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	SG3.4-145P2TC			

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	SG3.6-145TC			
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	SG3.6-145P2TC			
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	PWES-Col	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	PW750TC	ISO 9001:2015	3/30/2025	PWES-ISO
25	Tamil Nadu - 600032 Phone : 044 - 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	PW 750/49/24 TC			
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	PW750/57-TC			
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	PW750-90m-TC			
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.bhagwatikar@sanygroup.com	11/24/2016	Sany Col	Yes	SI-16840	166.8	139	Tubular Steel Tower	4000	IS/IEC 61400-22:2010	No	10/12/2028	SI-16840 TC	ISO 9001:2015	8/24/2026	SANY ISO
29	WEG Industries (India) Pvt Ltd Eshwari Arcade, No:250, 14th Main, 7th sector, HSR layout, Bengaluru, Karnataka - 560102 Ph: 080-4643 7450 fmozari@weg.net	4/10/2008	WEG Col	No	AGW 147/4.2	147	120	Tubular Steel Tower	4200	IEC, IECRE 61400-1:2019	No	11/1/2028	AGW147 TC	ISO 9001:2015	9/7/2024	WEG ISO
30	M/s Southern Wind Farms Limited 11/1 (8/1), Plot No. C-87, 80th Street 18th Avenue, Ashok Nagar, Ashoknagar (Chennai), Chennai City Corporation, Tamil Nadu (India) - 600083 Email Id: info@swf.co.in	2/23/2005	SWL Col	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	GWL225 TC	ISO 9001:2015	1/2/2027	SWL ISO
31	M/s PowerWind Limited, Plot No. 352-353, Sector-2, HSHDC Industrial Area, Bawal, Rewari (Haryana) - 123501	11/20/2023	PowerWind Col	No	PowerWind 56	56	71	Tubular Steel Tower (3 Sections)	900	IS/IEC 61400-22 & IEC 61400-1 Ed. 3.1 2014-04, Class IIB	No	7/3/2029	PowerWind56 TC	ISO 9001:2015	3/7/2027	PowerWind ISO

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.

% 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.