Ministry of New and Renewable Energy
Government of India

Wind Turbine Models included in the RLMM (i.e. renamed as Approved List of Models and Manufacturer (ALMM) - Wind) as per Amendment to RLMM procedure dated 31.07.2025

As on 03.03.2026

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				Details of Major Components	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 CoI	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	15/10/2026	MWL160-5.2 TC	MWL160-5.2 DMC	ISO: 9001: 2015	30/11/2025	Adani ISO
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	19/12/2028	WD147-3000 TC	WD147-3000 DMC			
3				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	22/09/2029	WD164-3300 TC	WD164-3300 DMC			
4				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	3/4/2029	MWL 160-5.2 MW HYT 140m TC	MWL 160-5.2 MW HYT 140m DMC			
5	M/s. Envision Energy India Private Limited (M/s.EEIPL) [Formerly known as M/s. Envision Wind Power Technologies India Private Limited (M/s. EWPTIPL)], 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	Envision CoI	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	25/5/2027	Envision EN-156 TC (LM76.5 P and EN 76.5 A V2)	Envision EN-156 DMC (LM76.5 P and EN 76.5 A V2)	ISO: 9001: 2015	14/8/2026	Envision ISO
6					EN-182-5.0 - 50 Hz TC	181	130/140	Tubular Steel	5000(!!)	IECRE OD 501:2022	No	22/01/2030	EN-182-5.0 - 50 Hz TC	EN-182-5.0 - 50 Hz DMC			
7	M/s. GE India Industrial Private Limited Division: Wind Energy 601, 6th Floor, Tower B, RMZ Infinity, Old Madras Road, Bangalore - 560 016 Phone: 080-40482387 Fax: 080-40482341 email:Anand.Revankar@ge.com	25/09/2009	GE CoI	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	10/8/2028	GE2.7-132TC	GE2.7-132DCM	ISO 9001: 2015	5/3/2026	GE ISO
8	M/s. Suzlon Energy Limited Tree Lounge, L-1, Left wing, One Earth, Opp. Magarpatta City Hadapsar Pune - 411028. Phone: 020-401250009 Fax: - 020-67022300				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	18/10/2028	S120DFIG-TC	S120DFIG-DMC			

9					S144-3.0 / 3.15 MW	144	105/140/160	HH 105m -Tubular Steel Tower, HH 130m - Hybrid Lattice Tower HH 140m-Hybrid Lattice Tower, HH 140m -Tubular steel tower, HH 160m - Hybrid Lattice Tower	3000/3150	IS/IEC 61400-22 and IEC 61400-22 WT class S	No	26/03/2029	S144-TC	S144-DCM			
10					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	27/02/2027	S133_PTC	S133_PDMC			
11	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	Vestas CoI	Vestas Wind Systems A/S, Denmark	Vestas V155-3.6 MW	155	102.5/ 105/ 118/ 120/ 136/ 137	Conical Steel	3600	IS/IEC 61400-22:2010	No	1/12/2027	VestasV155TC	VestasV155DMC	ISO 9001: 2015	31/12/2027	Vestas ISO
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	Inox CoI	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	12/2/2027	DF2000-113 TC	DF2000-113 DMC	ISO 9001: 2015	24/05/2028	Inox ISO
13					INOX DF/3000/145 3.0 MW Power Booster Mode 3.3 MW Rotor Blade Type SR71 V2 (T-Bolt) / WBSR146-3.0, Hub Height 100m/122.5m / 140m IEC WT Class IIIB/ Class S	145	100/122.5/140	Tubular Steel Tower	3000 (3300 Power Boost)	IS/IEC 61400-22:2010	No	18/02/2030	DF3000-145 TC	DF3000-145 DMC			
14	M/s. Senvion Wind Technology Private Limited, B501, Delphi Building, Orchard Avenue, Sector No.3, Hiranadani Business Park, Hiranandani Garden, Powai, Mumbai-400076 Phone 022-71299700 Email: amit.kansal@senvion.com	02/02/2017	Senvion CoI	RE Technologies Gmbh, Germany	Senvion 2.3M120 - 2300kW Rotor Blade Type - LM58.7P and LM58.7P5 HH 120m IEC WT Class S (Based on IIIB)	120	120	Tubular Steel	2300	IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010 IEC WT Class S IIIB	No	26/07/2027	Senvion 2.3 M120	Senvion 2.3 M120_DCM	ISO 9001:2015	17/1/2027	Senvion ISO
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	2/12/2026	Senvion 2.3 M130	Senvion 2.3 M130_DMC			
16					Senvion 3.1M130	130	130/140	Tubular Steel Tower	3100 (****)	IS/IEC 61400-22 and IEC 61400-22	No	24/11/2027	Senvion 3.1M130 TC	Senvion 3.1M130 DMC			
17					Senvion 4.2M160	160	140	Tubular Steel Tower	4200 (%%%)	IECRE OD-501: 2022	No	25/03/2030	Senvion 4.2M160 TC	Senvion 4.2M160 DMC			
18	M/s. Siva Wind Turbine India Private Limited, 12/A, Kandapalayam, Perundurai-638052 Erode District, Tamil Nadu Phone No. 04294-220017 Email: mani@sivaploymers.com	28/02/2005	Siva CoI	No	SIVA 250/50	30	50	4-Legged Lattice Steel tower	250	IS/IEC 61400-22: 2010	No	21/07/2026	Siva 250/50	Siva 250/50_DMC	ISO 9001:2015	8/8/2026	Siva ISO
19					SIVA 225/40	30	50	4-Legged Lattice Steel tower	225	IS/IEC 61400-22: 2010	No	27/10/2026	Siva 225/40	Siva 225/40_DMC			

20	M/s. Siemens Gamesa Renewable Power Private Limited No.489, G.N.T. Road, Thandalkazhani, Vadagarai PO, Red hills, Chennai – 600052 Phone: 044 - 39242424 Fax: 044-30060661 email: navin.dewaji@siemensgamesa.com	06/05/2006	Gamesa CoI	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	22/07/2025	G114-2.0MW TC	G114-2.0MW DMC	ISO 9001: 2015	23/6/2027	Gamesa ISO
21					SG 2.2-122	122	127	Tubular Steel	2200	IEC 61400-22 IEC WT Class S	No	21/11/2028	SG2.2-122TC	SG2.2-122DMC			
22					SG 3.4-145/3.6	145	127.5/ 133.5/146	Tubular Steel	3.465/3.6 (!)	IECRE Class S, IEC 61400-1/A1, 2010	No	17/12/2030	SG 3.4-145/3.6 TC	SG 3.4-145/3.6 DMC			
23	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, Tamil Nadu - 600032 Phone : 044 - 43414728 Email: ps@pioneerwincon.com ramu@pioneerwincon.com	29/9/2018	PWES-CoI	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	6/3/2029	PW750TC	PW750DMC	ISO 9001: 2015	3/3/2028	PWES-ISO
24					Pioneer Wincon 750/49, 750.0 kW, HT24, HH61.5 & HH75.0m, IEC IIIB	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	5/12/2028	PW 750/49/24 TC	PW 750/49/24 DMC			
25					Pioneer Wincon 750/57, 750.0 kW, PW28, HH 75.0m, IEC 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	4/11/2029	PW750/57-TC	PW750/57-DMC			
26					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	30/07/2030	PW750-90m-TC	PW750-90m-DMC			
27	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 CoI	Yes	SI-16840	166.8	139	Tubular Steel Tower	4000	IS/IEC 61400-22 :2010	No	12/10/2028	SI-16840 TC	SI-16840_DMC	ISO 9001:2015	24/8/2026	SANY ISO
28	WEG Industries (India) Pvt Ltd Eshwari Arcade, No:250, 14th Main, 7th sector, HSR layout, Bengaluru, Karnataka - 560102 Ph: 7550122297 cbarros@weg.net	10/4/2008	WEG CoI	No	AGW 147/4.2	147	120	Tubular Steel Tower	4200	IIIB, IECRE 61400-1:2019	No	1/11/2028	AGW147 TC	AGW147 DMC	ISO 9001:2015	7/9/2027	WEG ISO
29	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@swl.co.in	23/2/2005	SWL CoI	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	26/7/2026	GWL225 TC	GWL225_DMC	ISO 9001:2015	2/1/2027	SWL ISO
30	M/s Powerwind Limited, Plot No. 352-353, Sector-2, HSIIDC Industrial Area, Bawal, Rewari (Haryana) - 123501	20/11/2023	PowerWind CoI	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	3/7/2029	PowerWind56 TC	PowerWind56 DMC	ISO 9001:2015	7/3/2027	PowerWind ISO
31	M/s. Venwind Refex Power Limited, 2nd Floor, Refex Towers, 313, Valluvar Kottam High Road, Nungambakkam, Chennai - 600034, Tamil Nadu Email Id: cscompliance@refex.co.in	20/12/2024	Venwind CoI	Yes (M/s Vensys energy AG, Germany)	GWH182-5.3	183.5	110/130	Conical Steel Tower	5300 (!!!)	IS/IEC 61400-22:2010	No	27/02/2028	GWH182-5.3 TC	GWH182-5.3 - DMC	ISO 9001:2015	20.07.2028	Venwind 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 validity of the Type Certificate is restricted to the expiry date of Component Certificate i.e. 15.10.2026.

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

**** "The validity of the Type Certificate is restricted to the expiry date of Component Certificate i.e. 24.11.2027."

! The power curve of 'SG 3.4-145/3.6' wind turbine model having rated power of 3.465 MW was used for type certification of rated power of 3.6 MW wind turbine configuration.

!! "5250 kW (Power Boost mode) is not considered for ALMM (Wind)." "The validity of the Type Certificate is restricted to the expiry date of the Component Certificate, i.e., 22.01.2030."

!!! "The validity of the Type Certificate is restricted to the expiry date of Component Certificate i.e. 27.02.2028"

"The validity of the Type Certificate is restricted to the expiry date of Component Certificate i.e. 25.05.2027". "The geographical altitude of the erection site shall be maximum 2000m above sea level".

% 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 the Type Certificate is restricted to the expiry date of Component Certificate for Wind Turbine Gearbox CWTG4200/160-128-50 i.e. 25.03.2030.

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.