

**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 02.07.2020

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 KRM Plaza, North Tower, 7th Floor, No.2, Harrington Road, Chetpet Chennai - 600031	27-12-2006	Regen Col	VENSYS Energy AG, Germany	VENSYS 116	116.1	90	Tubular Steel	2000	S-Class/Turbulance B-Class (GL 2010/IEC 61400- 1:1999)	No	11-07-2021	Vensys 116 TC	ISO: 9001 : 2015	16-05-2020	Regen ISO (with vensys 116)
2	Phone:044-42966200 Fax :044-42966298/99 Email: info@regenpowertech.com				VENSYS 87	86.6	85	Tubular Steel	1500	IEC Class III B (GL 2010)	No	26/01/2022	Vensys 87 TC		16-05-2020	Regen ISO (Vensys 87)
3	M/s Envision Wind Power Technologies India (Pvt.) Ltd., Level 9, Platina, C-59, G Block, BKC, Bandra East, Mumbai-400051 Tel: 022-67000988 / 080-61296200, Fax: 022-67000600 Email: inder.bhambra@envision-energy.com, kane.xu@envisioncn.com	12-07-2016	Envision Col	Envision Energy (JIANGS U) 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	Envision EN 115 TC	ISO: 9001: 2015	01-05-2021	Envision ISO
4					Envision EN2.5-131 50Hz IEC S HH120	131	100 / 120	Tubular Steel	2500	IEC 61400-22:2010	No	11-07-2023	Envision EN 131 TC			
5	M/s. NuPower Technologies Private Limited, 7th Floor, Tower-1, Equinox Business Park, Off Bandra Kurla Road, L.B.S Road, Kurla (W), Mumbai - 400 070 Phone: 022 33826231 email:ajit.vadnerkar@nupower.in	04-09-2014	NuPower Col	W2E Wind to Energy GmbH, Germany	W2E-93/2.05 MW	93.2	85	Tubular Steel	2050	GL 2010 GL Class IIA	No	18-05-2022	NuPower W2E- 93/2.05 MW TC	ISO 9001: 2015	01-06-2020	NuPower ISO
6	M/s. GE India Industrial Private Limited Division: Wind Energy 601, 6th Floor, Tower B, RMZ Infinity, Old Madras Road, Bangalore - 560 016	25-09-2009	GE Col	General Electric Renewables, Espana, S.L.	GE 1.7-103, GE 50.2, HH 79.7 m & 91 m, 50 Hz	103	79.7/91	Tubular Steel	1700	IEC S Class (IEC 61400-22:2010)	No	11-06-2020	GE 1.7-103 TC	ISO 9001: 2015	05-03-2023	GE ISO
7	Phone: 080-40482387 Fax: 080-40482341 email:Anand.Revankar@ge.com				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	GE 2.3-116 TC			
8					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	GE 2.4-116 TC			
9					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	GE2.5-132TC			

10					GE 2.7 - 132	132	130 / 94	Tubular Steel	2730	IEC S Class (IEC 61400-22:2010)	No	23-09-2024	GE2.7-132TC			
11	M/s. Suzlon Energy Limited Tree Lounge, L-1, Left wing, One Earth, Opp. Magarpatta City Hadapsar Pune - 411028.	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	12-08-2020	S111 DFIG 2.1MW TC	ISO 9001: 2015	20-02-2021	Suzlon ISO
12	Phone: 020-401250009 Fax : 020-67022200 email:rchandra@suzlon.com				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	S120DFIG-TC			
13					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	S128PTC			
14	M/s. Vestas Wind Technology India Private Limited 298, Rajiv Gandhi Salai, Sholinganallur, Chennai - 600119	09-11-2006	Vestas Col	Vestas Wind Systems A/S, Denmark	Vestas V100-2MW 50 Hz VCS Mk10 (with generator "DMSG 500/4M SP")	100	80/95	Tubular Steel	2000	IEC S Class (IEC 61400-22:2010)	No	29-04-2020	Vestas V100- 2MW 50 Hz TC	ISO 9001: 2015	31-12-2021	Vestas ISO
15	Phone: 044-24505100 Fax : 044-24505101 email:adaya@vestas.com				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	VestasV120TC			
16	M/s. Inox Wind Limited Inox Towers, Plot No. 17 Sector - 16-A, Noida, Uttar Pradesh – 201301	09-04-2009	Inox Col	AMSC Austria GmbH, Austria	Wind Turbine Inox Wind DF/2000/113 Rotor Blade WB552, 2.0 Hub Heights 92m and 120m, GL WTC IIIA	113	92/120	HH 92 m –Tubular Steel, HH 120 m – Hybrid tower with tubular steel sections and concrete bottom	2000	GL 2010 GL Class III A	No	31-12-2020	DF2000-113 TC	ISO 9001: 2015	02-04-2021	Inox ISO
17					DF/2000/100	100	80/92	Tubular Steel	2000	GL 2010 GL Class IIIB	No	07-04-2020	Inox DF/2000/100 TC			

18	M/s. Senvion Wind Technology Private Limited, B504, Delphi 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	Senvion Col	Senvion 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	14-09-2022	Senvion 2.3 M120	ISO 9001:2015	12-07-2021	Senvion ISO
19	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 Col	No	SIVA 250/50	30	50	Lattice	250	IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010	No	21-02-2023	Siva 250/50	ISO 9001:2015	21-06-2020	Siva ISO
20					SIVA 225/40	30	50	Lattice	225	IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010	No	21-02-2023	Siva 225/40			
21	M/s. Siemens Gamesa Renewable Power Private Limited No. 334, The Futura IT Park, B-Block, 8th Floor, Old Mahabalipuram Road, Sholinganallur, Chennai - 600 119 Phone: 044 - 39242424 Fax: 044-30060661 email:rkymal@gamesacorp.com	06-05-2006	Gamesa Col	Siemens Gamesa Renewable Energy Innovation and Technology, S.L, Spain	G97-2.0MW 50Hz	97	104/108	Tubular Steel	2000	IEC S Class (IEC 61400-22:2010)	No	16-03-2022	G97-2.0MW TC	ISO 9001: 2015	13-07-2021	Gamesa ISO
22					G97-2.0MW 50Hz	97	90/104/108	Tubular Steel	2000	IEC S Class (IEC 61400-22:2010)	No	16-03-2022	G97-2.0MW TC			
23					G114-2.0MW	114	106/110 (with a pedestal)	Tubular Steel	2000	IEC S Class (IEC 61400-22:2010)	No	10-09-2020	G114-2.0MW TC			
24					SG 2.1-122 Rotor Blade Type SGRE 122 CS /LM 60.0 P 108 m / 127 m HH IEC WT class S	122	108/ 127	Tubular Steel	2100	IEC S Class (IEC 61400-22:2010)	No	24-05-2023	SG2.1-122TC			
25					SG 2.2-122	122	108/127	Tubular Steel	2200	IECRE IEC S Class (IEC 61400-1:2005 + Amd 1:2010)	No	24-05-2023	SG2.2-122TC			
26	M/s. PASL Wind Solution (P) Limited Plot No. 34-35, Phase-1, G.I.D.C., Vatva, Ahmedabad-382445 Phone: +91-79-40264747 Fax: +91-79-40264676 email: aajaveri@pws1.in	23-09-2008	PASL Col	No	PWS1800i	83.64	80	Tubular Steel	1500 \$	IEC Class II A	No	17-05-2023	PWS1800i TC	ISO 9001: 2015	09-09-2020	PASL ISO
27					PWS 1250i (de-rated configuration)	68	74	Tubular Steel	1050	GL 2010 WT Class IIA	No	16-02-2021	PWS1250iTC			
28					PWS 900i, 800.0 kW, P-28, HH 71.0m, IEC wind class IIA	58	71	Tubular Steel	800	GL 2010	No	03-09-2023	PWS900i-TC			
29	M/s. RRB Energy Ltd. 182/2 Bypass road, Poonamallee, Chennai - 600056, Tamil Nadu Phone: 044-26271111 Fax: 044-26271114 Email: sriramalingam.k@rrbenergy.com	25/04/2008	RRB-COI	No	V 39-500 kW turbine with 47m Rotor	47	50	Lattice Tower	500	GL 2010	Yes	05-03-2020	V39GL-TC	ISO 9001: 2015	14-12-2020	RRB-ISO

30	M/s. Nordex India Private Limited (Formerly known as M/s. Acciona Wind Power India Pvt. Ltd.) C1-001, Tower C, Ground floor, The Millenia , No. 1 & 2, Murphy Road, Ulsoor, Banglore - 560008 Phone: 080-4091660 Fax: 080-4091661 Email: pvittal@nordex-online.com	26/09/2018	Nordex-COI	Nordex Energy Spain S.A.U., Spain	AW125/3000 IEC Iib TH120 AW61.2- 2 50 Hz	125	120	Tubular Reinforcement Concrete Tower	3000	GL 2010 WT Class IIB	No	11-11-2023	AW125-TC	ISO 9001: 2015	13-08-2021	Nordex-ISO
31					AW140/3000 IEC S TH120 AW 68.7 50 Hz	140	120	Tubular Reinforcement Concrete Tower	3000#	GL 2010 WT Class S	No	12-11-2023	AW140-TC			
32	M/s. Leitwind Shriram Manufacturing Pvt. Ltd. 18/3-4 floor, Sigappiachi Building, Rukmani Laxmipathi Salai, Egmore, Chennai - 600008 Phone: 044-49015678 Fax - 044-49015659 Email: datha@lsml.in	08-02-2017	LSML-COI	Windfin BV, The Netherlands (Formerly known as Leitwind B.V)	Wind Turbine Leitwind LTW 86- 1.5 MW Rotor Blade LM42.1P Hub Heights 80m and 90 m GL WTC IIIA	86.4	80/90	Conical welded tubular steel tower	1500	GL 2010 GL WTC Class IIIA	No	02-07-2023	LTW86-TC	ISO 9001: 2015	09-03-2020	LSML-ISO
33					Wind Turbine Leitwind LTW 80 1.5 Rotor Blade LS39.0 80m Hub Height WTC IIA	80.3	80	Conical welded tubular steel tower	1500	IEC 61400-22:2010	No	08-03-2020	LTW80-1.5TC			
34					Wind Turbine Leitwind LTW 80 1.8 Rotor Blade LS39.0 80m Hub Height WTC IIA	80.3	80	Conical welded tubular steel tower	1800	IEC 61400-22:2010	No	08-03-2020	LTW80-1.8TC			
35					Wind Turbine Leitwind LTW 90 1.5 Rotor Blade LS44 80m Hub Height GL WTC IIIA	90.3	80	Conical welded tubular steel tower	1500	GL 2010 GL WTC Class IIIA	No	22-03-2023	LTW90-1.5TC			
36	M/s. Para Enterprises Pvt. Ltd. (Formerly Pioneer Wincon 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 - 43414700	06-09-2015	Para-Col	No	Pioneer Wincon 750/49, 750.0 kW, HT24, HH 61.5 & 75.0m, IEC IIIB	49.17	61.5/ 75	4- legged Lattice Steel Tower with tower top adapter	750	IEC 61400-22:2010	No	23-05-2023	Pioneer 750/49- TC	ISO 9001: 2015	05-03-2021	Para-ISO
37	Email: ps@pioneerwincon.com ramu@pioneerwincon.com				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	Pioneer 750/57- TC			
38	M/s Emergya Wind Turbine Pvt. Ltd. Nellikuppam High Road, Kayaranbedu village, Guduvancherry, Chengalpet Taluk, Kancheepuram Distt., Tamil Nadu - 603202 Phone: 044 - 27438118	06-12-2018	EWT-COI	Emergya Wind Technologies BV, The Netherlands	DIRECTWIND 61 1000kW hub heights 46 m & 69 m Rotor Blade EWT29	61	46/ 69	Tubular Steel	1000	IEC 61400-22:2010 (Wind Turbine Class IIIA)	No	07-05-2022	Directwind61-TC	ISO 9001: 2015	01-06-2020	EWT-ISO

39	Email: joshi.raghavendra@ewtdirectwind.com				DIRECTWIND 58 1000kW hub heights 46 m & 69 m Rotor Blade EWT27	58	46/ 69	Tubular Steel	1000	IEC 61400-22:2010 (Wind Turbine Class IIA)	No	26-04-2023	Directwind58-TC			
40	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	21/9/2018	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	29-01-2024	PW750TC	ISO 9001: 2015	31-03-2022	PWES-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.

\$ Only ABB make generator and ABB make converter shall be used

##As per information provided by M/s. Senvion Wind Technology Pvt. Ltd., Senvion 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

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.