

**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 09.04.2019

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, Chennai - 600031	27-12-2006	Regen Col	VENSYS Energy AG, Germany	VENSYS 116	116.1	90	Tubular Steel	2000	S-Class/Turbulence B-Class (GL 2010/IEC 61400-1:1999)	No	7/11/2021	Vensys 116 TC	ISO: 9001 :2015	5/16/2020	Regen ISO (with vensys 116)
2	Phone:044-42962200 Fax : 044-42962298-99 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		5/16/2020	Regen ISO (Vensys 87)
3	M/s Envision Wind Power Technologies India (Pvt.) Ltd., Level 9, Platina, C-59, G Block, IBC, Bandra East, Mumbai-400051 Tel: 022-67000988, Fax: 022-67000600, Email: mcl.badhcka@envision-energy.com, kanc.xu@envision.com	12-07-2016	Envision Col	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	11/9/2021	Envision EN 115 TC	ISO: 9001: 2015	7/11/2019	Envision ISO (EN 115)
4					Envision EN2.5-131 50Hz IEC S HH120	131	120	Tubular Steel	2500#	IEC 61400-22:2010	No	7/11/2023	Envision EN 131 TC	ISO: 9001: 2015	5/1/2019	Envision ISO (EN 2.5-131)
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	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	5/18/2022	NuPower W2E-93/2.05 MW TC	ISO 9001: 2015	6/1/2020	NuPower ISO
6	Phone: 022 33826231 email:ajit.vadnerkar@nupower.in				W2E-100/2.05 MW	100.13	98.2	Tubular Steel	2050	GL 2010 GL Class IIA	No	4/24/2019	NuPower W2E-100/2.05 MW TC			
7	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	GE Infrastructure Technology International, LLC, USA	GE 1.7-163, 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	6/11/2020	GE 1.7-103 TC	ISO 9001: 2015	3/5/2020	GE ISO
8	Phone: 080-40483287 Fax: 080-40483241 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	3/16/2021	GE 2.3-116 TC			
9					GE 2.4-116, LM56.9P, HH 94m, 50 Hz	116	94	Tubular Steel	2430	IEC S Class (IEC 61400-22:2010)	No	8/8/2022	GE 2.4-116 TC			
10					GE 2.5-132, GE64.5 / LM64.6P, HH194 & 130m, 50Hz IEC S (STW / CWE)	132	130 / 94	Tubular Steel	2530	IEC S Class (IEC 61400-22:2010)	Yes	10/29/2019	GE2.5-132TC			
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 (L-ight)) Class (IEC 61400-22:2010)	No	8/12/2020	S111 DFIG 2.1MW TC	ISO 9001: 2015	2/20/2021	Suzlon ISO
12	Phone: 020-40125009 Fax : 020-47022250 email:rchandra@suzlon.com				SUZLON S97 DFIG 2.1 MW 50 Hz	97	80/90/100/120	HH 80/90/100m-Tubular Steel & HH 120 m - Hybrid Tower	2100**	GL 2010 WT Class IIIA and IIB	Yes	6/19/2019	S97DFIGTC			
13					SUZLON S120 DFIG 2.1 MW (50 Hz)	120	105/120/140	HH 105m-Tubular Steel Tower, HH 120m-Smart Tubular Tower, HH 140m-Hybrid Lattice Tower & Hybrid Concrete Tower	2100	IEC S Class (IEC 61400-22:2010)	Yes	10/29/2019	S120DFIG-TC			
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 "DVSG 5004M SP")	100	80/95	Tubular Steel	2000	IEC S Class (IEC 61400-22:2010)	No	4/29/2020	Vestas V100-2MW 50 Hz TC	ISO 9001: 2015	12/31/2021	Vestas ISO
15	Phone: 044-24505100 Fax : 044-24505101 email:adaya@vestas.com				Vestas V110-2MW 50 Hz VCS Mk10 (with generator "DVSG 5004M SP")	110	80/95/110/120/125	Tubular Steel	2000/2100/2200	IEC S Class (IEC 61400-22:2010)	No	1/16/2020	Vestas V110-2MW 50 Hz TC			
16					Vestas V120 2.0/1.2/2 MW 50Hz VCS Mk11	120	118	Tubular Steel	2000/2100/2200	IEC S Class (IEC 61400-22:2010)	Yes	6/14/2019	VestasV120TC			
17	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 DF2000 113 Rotor Blade WES52-2.0 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 & HH 120 m - Hybrid tower with tubular steel sections and steel framework structure	2000	GL 2010 GL Class III A	Yes	11/11/2019	DF2000-113 TC	ISO 9001: 2015	4/2/2021	Inox ISO
18	Phone: 0120-6149708 Fax: 0120-6149610 email: prasanto.mallick@inoxwind.com				DF/2000/100	100	80/92	Tubular Steel	2000	GL 2010 GL Class IIIB	No	6/1/2019	Inox DF/2000/100 TC			
19					DF/2000/93	93	80	Tubular Steel	2000	GL 2010 GL Class IIIB	Yes	7/30/2019	Inox DF/2000/93 TC			
20	M/s. Servion Wind Technology Private Limited, B504, Delhi 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 Col	Servion GmbH Germany	Servion 2.3M120 - 2300kW Rotor Blade Type - LMS8.7P and LMS8.7P5 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	Yes	7/17/2019	Servion 2.3 M120	ISO 9001:2015	7/12/2021	Servion ISO
21	M/s. Siva Wind Turbine India Private Limited, 12/A, Kandapalayam, Perundurai-618052 Erode District, Tamil Nadu Phone No. 04294-220017 Email: mani@sivaplymers.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	2/21/2023	Siva 250/50	ISO 9001:2015	6/21/2020	Siva ISO
22					SIVA 225/40	30	50	Lattice	225	IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010	No	2/21/2023	Siva 225/40			
23	M/s. Siemens Gamesa Renewable Power Private Limited No. 33A, The Futura IT Park, B-Block, 8th Floor, Old Mahabalipuram Road, Sholinganallur, Chennai - 600 119	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	3/16/2022	G97-2.0MW TC	ISO 9001: 2015	7/13/2021	Gamesa ISO
24	Phone: 044 - 39242424 Fax: 044-30060661 email:rkymal@gamesacorp.com				G97-2.0MW 50Hz	97	90/104/108	Tubular Steel	2000	IEC S Class (IEC 61400-22:2010)	No	3/16/2022	G97-2.0MW TC			
25					G114-2.0MW	114	106/110 (with a pedestal)	Tubular Steel	2000	IEC S Class (IEC 61400-22:2010)	No	9/10/2020	G114-2.0MW TC			
26					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	5/24/2023	SG2.1-122TC			
27					G122 2.1MW IEC S	122	108/127	Tubular Steel	2100 \$S	IEC 61400-22:2010	Yes	5/24/2019	G122-2.1 MW TC			
28	M/s. Southern Wind Farms Ltd. No. 15, Soundara Pandyan Street, Ashok Nagar, Chennai-600083 Phone: 044-39182609 Fax: 044-39182636 Email: v.vasu@swpl.co.in	23-02-2005	SWF Col	No	GWL 225	29.8	45	Tubular Steel	225	TAPS 2000	Yes	3/31/2019	GWL 225 TC	ISO 9001:2015	1/3/2021	SWF ISO
29	M/s. PASL Wind Solution (P) Limited Plot No 34-35, Phase-1, G.L.D.C., Vatva, Ahmedabad-382445 Phone: +91-79-40264747 Fax: +91-79-40264676 email: aajaveri@pwsl.in	23-09-2008	PASL Col	No	PWS1800h	83.64	80	Tubular Steel	1500 \$	IEC Class II A	No	5/17/2023	PWS1800h TC	ISO 9001: 2015	9/9/2020	PASL ISO
30					PWS 1250s (de-rated configuration)	68	74	Tubular Steel	1050	GL 2010 WT Class IIA	No	2/16/2021	PWS1250TC			
31					PWS 900, 800 kW, P-28, HH 71.0m, IEC wind class IIA	58	71	Tubular Steel	800	GL 2010	No	9/3/2023	PWS900h-TC			
32	M/s. RRB Energy Ltd. 18/2 Bypass road, Poonamallee, Chennai - 600056, Tamil Nadu Phone: 044-26271111 Fax: 044-26271114 Email: sritramalingam.k@rrbenergy.com	25/04/2008	RRB-COI	No	V 39-500 kW with 47m Rotor Diameter	47	50	Tubular & Lattice	500	TAPS 2000	Yes	3/31/2019	V39-500TC	ISO 9001: 2015	12/14/2020	RRB-ISO
33					Pawan Shakti - 600 kW	47	50/65	HH 50 - Lattice & HH 60 - Tubular	600	TAPS 2000	Yes	3/31/2019	PawanshaktiTC			
34	M/s. Nordex India Private Limited (Formerly known as M/s. Acciona Wind Power India Pvt. Ltd.) C1-001, Tower C, Ground floor, The Millennia , No 1 & 2, Murphy Road, Ulsoor, Bangalore - 560008 Phone: 080-4091660 Fax: 080-40916661 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	8/13/2021	Nordex-ISO
35					AW140/3000 IEC S TH120 AW 68.7 50 Hz	140	120	Tubular Reinforcement Concrete Tower	3000#	GL 2010 WT Class S	No	11/12/2023	AW140-TC			
36	M/s. Leitwind Shirram Manufacturing Pvt. Ltd. 18/3-4 floor, Sigappachi Building, Rukmani Laxmipathi Salai, Egmore, Chennai - 600008 Phone: 044-49015678 Fax: -044-49015659 Email: datha@lswl.in	2/8/2017	LSML-COI	Windfin BV, The Netherlands (Formerly known as Leitwind B.V)	Wind Turbine Leitwind L.TW 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	7/2/2023	LTW86-TC	ISO 9001: 2015	3/9/2020	LSML-ISO
37					Wind Turbine Leitwind L.TW 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	3/8/2020	LTW80-1.5TC			
38					Wind Turbine Leitwind L.TW 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	3/8/2020	LTW80-1.8TC			
39					Wind Turbine Leitwind L.TW 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	3/22/2023	LTW90-1.5TC			
40	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, Gundl, Chennai, Tamil Nadu - 600032 Phone : 044 - 43414700 Email: pps@pioneerwincon.com ramu@pioneerwincon.com	9/6/2015	Para-Col	No	Pioneer Wincon 750/49, 750.0 kW, HT24, HH 61.5 & 75.0m, IEC IIB	49.17	61.5/ 75	4- legged Lattice Steel Tower with tower top adapter	750	IEC 61400-22:2010	Yes	5/23/2019	Pioneer 750/49-TC	ISO 9001: 2015	3/5/2021	Para-ISO
41					Pioneer Wincon 750/49, 750.0 kW, HT24, HH 61.1m & 75.3m, IEC IIIA	49	61.1/75.3	4- legged Lattice Steel Tower with tower top adapter	750	IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010	No	1/29/2024	Pioneer Wincon TC			
42	M/s. Emergya Wind Turbine Pvt. Ltd. Nellikuppam High Road, Kayanambadu village, Guduvancherry, Chengalpatt Taluk, Kancheepuram Dist., Tamil Nadu - 603202 Phone: 044 - 27438118 Email: joshi.raghavendra@ewtdirectwind.com	12/6/2018	EWT-Col	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	5/7/2022	Directwind61-TC	ISO 9001: 2015	6/1/2020	EWT-ISO
43					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	4/26/2023	Directwind58-TC			

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

#Nanjing Turbine & Electric Machinery Changfeng New Energy Corp generator type -DASAA5025-4UF shall only be used

\$\$ Gamesa G122Gam CS' make blade shall only be used

**Only one blade type viz., SB 47 blade shall only be used.

#Only ELIN (model no. HRL-071Z06) make generator shall only 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.