

**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 27 October 2016)

As on 24.01.2018

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 Phone:044-42966200 Fax :044-42966298/99 Email: Info@regenpowertech.com	27.12.2006	Regen Col	VENSYS Energy AG, Germany	VENSYS 77	76.84	75/85	Tubular Steel	1500	GL Class III A	No	30-06-2018*	Vensys 77 TC	ISO: 9001 : 2015	16.05.2020	Regen ISO		
2					VENSYS 82	82.34	70/75/85/100	Tubular Steel	1500	GL Class III A	No	30-06-2018*	Vensys 82 TC					
3					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				16.05.2020	Regen ISO (with vensys 116)
4					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)
5					VENSYS 87	86.6	75/85/100	Tubular Steel	1500	GL Class III B (GL 2003/04)	No	30-06-2018*	Vensys 87 GL-TC					
6	M/s Envision Wind Power Technologies India (Pvt.) Ltd., Level 9, Platina, C-59, G Block, BKC, Bandra East, Mumbai-400051 Tel: 022- 67000988, Fax: 022-67000600, Email: mel.badheka@envision.com	07.12.2016	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	11.07.2019	Envision ISO (EN 115)		
7	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 Class IIA	No	18.05.2022	NuPower W2E- 93/2.05 MW TC	ISO 9001: 2015	01.06.2020	NuPower ISO		
8					W2E-100/2.05 MW	100.13	98.2	Tubular Steel	2050	GL Class III A	No	24.04.2019	NuPower W2E- 100/2.05 MW TC					
9	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 Col	GE Infrastructure Technology International, LLC, USA	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: 2008	14.09.2018	GE ISO		
10					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					
11					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					
12	M/s. Gamesa Renewable 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	31.07.2015	Gamesa Col	Gamesa Innovation & 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: 2008	13.07.2018	Gamesa ISO		

13					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			
14	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	12.08.2020	S111 DFIG 2.1MW TC	ISO 9001:2008	12.04.2018	Suzlon ISO
15					Suzlon S95 DFIG 2.1MW	95	80/90/100 m	Tubular Steel	2100	GL Class II A	No	30-06-2018*	S95 DFIG 2.1MW TC			
16					Suzlon S97 DFIG 2.1 MW 50 Hz	97	80/90/100/120 m	For HH 80/90/100m -Tubular Steel & HH 120 m - Hybrid Tower (Lattice tower 66 m, adapter 4.29m and Tubular tower 45.97m)	2100	GL IIIA (all variants) & GL II B (90m HH and SB47 rotor blades only)	No	30-06-2018*	S97 DFIG 2.1MW TC			
17	M/s. Vestas Wind Technology India Private Limited 298, Rajiv Gandhi Salai, Sholinganallur, Chennai - 600119 Phone: 044-24505100 Fax : 044-24505101 email:adaya@vestas.com	09.11.2006	Vestas Col	Vestas Wind Systems A/S, Denmark	Vestas V100-2MW 50 Hz VCS Mk10 (with generator "DVSG 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 9001:2008	31.12.2018	Vestas ISO
18					Vestas V110-2MW 50 Hz VCS Mk10 (with generator "DVSG 500/4M SP")	110	80/95/110/120/125	Tubular Steel	2000/2100/2200	IEC S Class (IEC 61400-22:2010)	No	16.01.2020	Vestas V110-2MW 50 Hz TC			
19	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 Col	AMSC Austria GmbH, Austria	DF/2000/113	113	92/120	HH 92 m-Tubular Steel & HH 120 m - Precast concrete tower (internal tendons) with steel section	2000	GL Class III A	Yes	31.08.2018	Inox DF/2000/113 TC	ISO 9001:2008	14.09.2018	Inox ISO
20					DF/2000/100	100	80/92	Tubular Steel	2000	GL Class IIIB	No	01.06.2019	Inox DF/2000/100 TC			
21	M/s. Acciona Windpower India Private Limited, C1-001, Tower 'C', Ground Floor, The Millennia, No. 1&2, Murphy Road, Ulsoor, Bangalore - 560008, Karnataka Phone: 080-40916660 Fax: 080-40916661 Email Id: pvittal@nordex-online.com	29.06.2015	Acciona Col	Acciona Windpower S.A., Spain	AW 125/3000 IEC IIb TH 120 AW 61.2 2 50 Hz (with gearbox types PPLH 2900.1 and PPLH 2900.2)	125	120	Tubular Reinforcement Concrete Tower	3000	IEC 61400-1:1999 WTGS Class II B	Yes	30.07.2018	Acciona 125/3000 TC	ISO 9001:2008	13.08.2018	Acciona 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.

* MNRE OM No. 293/2/2017 dated 18.09.2017 - The GL Guideline for the Certification of Wind Turbines, Edition 2003 with supplement 2004 had expired w.e.f 30 June 2017. However, the Type Certificate for wind turbine generator (WTG) models issued under these Guidelines having validity beyond 30

**WTG model can operate with Power output upto 2.2 MW under Enhanced Performance mode as per the Type Certificate.

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.