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 10.07.2019

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, Chetpet Chennai - 600031	27/12/2006	Regen CoI	VENSYS Energy AG, Germany	VENSYS 116	116.1	90	Tubular Steel	2000	S-Class/Turbulance 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:044-42966200 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		5/16/2020	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 CoI	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	11/7/2019	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	5/1/2020	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 Phone: 022 33826231 email:ajit.vadnerkar@nupower.in	04/09/2014	NuPower CoI	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	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	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	6/11/2020	GE 1.7-103 TC	ISO 9001: 2015	3/5/2020	GE ISO
7					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			
8					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			
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)	Yes	10/29/2019	GE2.5-132TC			
10	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 CoI	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	8/12/2020	S111 DFIG 2.1MW TC	ISO 9001: 2015	2/20/2021	Suzlon ISO
11					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			
12					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			

13					S128 2.6 MW/ 2.8 MW	129	105 / 140	HH 105m - Tubular Steel Tower, HH 140m - Hybrid Lattice Tower	2800###	IEC S Class (IEC 61400-22:2010 and IEC 61400-1:2005 +AMD1:2010)	Yes	4/29/2020	S128PTC			
13	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 CoI	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	4/29/2020	Vestas V100-2MW 50 Hz TC	ISO 9001: 2015	12/31/2021	Vestas ISO
14					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	1/16/2020	Vestas V110-2MW 50 Hz TC			
15					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)	Yes	12/14/2019	VestasV120TC			
16	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 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
17					DF/2000/100	100	80/92	Tubular Steel	2000	GL 2010 GL Class IIIB	No	4/7/2020	Inox DF/2000/100 TC			
18					DF/2000/93	93	80	Tubular Steel	2000	GL 2010 GL Class IIIB	Yes	7/30/2019	Inox DF/2000/93 TC			
19	M/s. Senvion Wind Technology Private Limited, B504, 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	Senvion 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	9/14/2022	Senvion 2.3 M120	ISO 9001:2015	7/12/2021	Senvion ISO
20	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	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
21					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			
22	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 CoI	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
23					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			
24					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			
25					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			
26					G122 2.1MW IEC S	122	108/ 127	Tubular Steel	2100 $$	IEC 61400-22:2010	Yes	5/24/2019	G122-2.1 MW TC			

27	M/s. Southern Wind Farms Ltd. No. 15, Soundara Pandiyan Street, Ashok Nagar, Chennai-600083 Phone: 044-39182609 Fax: 044-39182636 Email: v.vasu@gwpl.co.in	23/02/2005	SWF_CoI	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
28	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@pwsl.in	23/09/2008	PASL CoI	No	PWS1800i	83.64	80	Tubular Steel	1500 $	IEC Class II A	No	5/17/2023	PWS1800i TC	ISO 9001: 2015	9/9/2020	PASL ISO
29					PWS 1250i (de-rated configuration)	68	74	Tubular Steel	1050	GL 2010 WT Class IIA	No	2/16/2021	PWS1250iTC			
30					PWS 900i, 800.0 kW, P-28, HH 71.0m, IEC wind class IIA	58	71	Tubular Steel	800	GL 2010	No	9/3/2023	PWS900i-TC			
31	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 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
32					Pawan Shakthi - 600 kW	47	50/65	HH 50 - Lattice & HH 60 - Tubular	600	TAPS 2000	Yes	3/31/2019	PawanshakthiTC			
33					V 27 - 225 kW 50m HH	27	50	Lattice Tower	225	GL 2010	Yes	10/10/2019	V27GL-TC			
34					V 39-500 kW turbine with 47m Rotor	47	50	Lattice Tower	500	GL 2010	Yes	3/5/2020	V39GL-TC			
35	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: 080-40916661 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
36					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			
37	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	2/8/2017	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	7/2/2023	LTW86-TC	ISO 9001: 2015	3/9/2020	LSML-ISO
38					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	3/8/2020	LTW80-1.5TC			
39					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	3/8/2020	LTW80-1.8TC			
40					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	3/22/2023	LTW90-1.5TC			
41	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 Email: ps@pioneerwincon.com ramu@pioneerwincon.com	9/6/2015	Para-CoI	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	Yes	11/23/2019	Pioneer 750/49-TC	ISO 9001: 2015	3/5/2021	Para-ISO

42	M/s Emergya Wind Turbine Pvt. Ltd. Nellikuppam High Road, Kayaranbedu village, Guduvancherry, Chengalpet Taluk, Kancheepuram Distt., Tamil Nadu - 603202 Phone: 044 - 27438118 Email: joshi.raghavendra@ewtdirectwind.com	12/6/2018	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	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			
44	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	1/29/2024	PW750TC	ISO 9001: 2015	3/31/2022	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

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

**Only one blade type viz., SB 47 blade shall only 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-071Z06) make generator shall only be used

###Only 2.8 MW rated capacity variant is included in RLMM

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.