

NATIONAL INSTITUTE OF WIND ENERGY (NIWE)

Wind Turbine Models marketed in India with Type Certificate*

As on October, 2016

Table – A1: The Wind turbine models possessing valid Type Approval / Certificate & Self Declared that their wind turbine model(s) comply with CEA Technical Standard for Connectivity to the Grid No.12/X/STD (CONN)/GM/CEA dated 15.10.2013 in terms of LVRT (voltage dips) & Harmonics:

Sl. No.	Indian Manufacturers with address	Wind Turbine Model	Rotor Diameter	Hub Height	Capacity
1	M/s. Acciona Windpower India Private Limited C1-001, Tower C, Ground Floor, The Millenia, No. 1&2, Murphy Road, Ulsoor, Bangalore Karnataka-560008 Phone:080- 41557100 Fax : 080- 41557110	AW 125/3000 IEC Iib TH120 AW 61.2-2 50Hz	125 m	120 m	3000 kW
2	M/s. Gamesa Renewable Private Limited No. 334, The Futura IT Park, Block - B, 8th Floor, Rajiv Gandhi Salai, Sholinganallur, Chennai - 600119 Phone: 044-39242424 Fax : 044-30060661	Gamesa G58-850 kW IEC IIA	58 m	49/55/65 m	850 kW
		G97-2MW IEC IIIA HH 78&90m 50 Hz	97 m	78/ 90 m	2000 kW
		G97GF-2.0MW IEC-III A HH78&90m 50Hz	97 m	78/90 m	2000 kW
		Gamesa G97I 50 Hz	97 m	78/90 m	2000 kW
		G97-2.0 MW 50 Hz	97 m	104/108 m	2000 kW
		G114 - 2.0MW IEC-III A HH80, 93 & 125m 50/60Hz	114 m	80/93/125 m	2000 kW
3	M/s. Garuda Vaayu Shakthi Limited 5D, PM Tower, No.37, Greams Road, Thousand Lights, Chennai - 600 006 Phone: 044-28290034 Fax : Nil	Garuda 700.54, EU54.1250.1-B, HH 73 m	54 m	73 m	700 kW
4	M/s. GE India Industrial Private Limited Division : Wind Energy 601, 6th Floor, Tower B, RMZ Infinity, Old Madras Road, Bangalore – 560016. Phone: 080-40482451 Fax : 080-40482341	GE 1.6-82.5, 50 Hz	82.5 m	80 m	1600 kW
		GE 1.6-87, 50Hz, LM42.1P2, HH 80m	87 m	80 m	1600 kW
		GE 1.7-103, GE 50.2, HH 79.7 m & 91 m, 50 Hz	103 m	79.7 / 91 m	1700 kW
		GE 2.3-116, LM56.9, GE56.9, HH 94 m, 50Hz	116.7 m	94 m	2330 kW

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Sl. No.	Indian Manufacturers with address	Wind Turbine Model	Rotor Diameter	Hub Height	Capacity
5.	M/s. Global Wind Power Limited No. 15, Soundara Pandiyan Street, Ashok Nagar, Chennai - 600083 Phone: 044-39182609 Fax : 044-39182636	Mingyang 1.5 MW HH 75m TC IIA	77.36 m	75 m	1500 kW
		MingYang 1.5 MW - 89 HH 80 m IEC S	89.3 m	80 m	1500 kW
6	M/s. Inox Wind Limited Inox Towers, Plot No. 17 Sector -16-A, Noida, Uttar Pradesh - 201301 Phone: 0120-6149708 Fax : 0120-6149610	WT2000DF	93.3 m	80 m	2000 kW
		DF/2000/100	100 m	80 /92 m	2000 kW
		DF/2000/113	113m	92 / 120 m	2000 kW
7	M/s. Kenersys India Private Limited Industry House, Survey No. 49 Mundhwa, Pune - 411036 Phone: 020-40026052 Fax : Nil	K82	82 m	80/98 m	2000 kW
		K110	109 m	85/95 m	2400 kW
		K110 P+	109 m	85 m	2625 kW
8	M/s. Leitwind Shriram Manufacturing Limited No. D-17, Sipcot Industrial Complex, Gummidipoondi - 601201 Thiruvallur District, Tamil Nadu Phone: 044-27926000 Fax : 044-27924944	Leitwind LTW80-1.5	80.3 m	80 m	1500 kW
		Leitwind LTW80-1.8	80.3 m	80 m	1800 kW
		Leitwind LTW86-1.5 MW	86.4 m	80 / 90 m	1500 kW
		Leitwind LTW101-3.0	100.9 m	93.5 m	3000 kW
9	M/s. NuPower Technologies Private Limited, 7 th Floor, Tower-1, Equinox Business Park, Off Bandra Kurla Road, L.B.S Road, Kurla (W) Mumbai - 400070 Phone: 022-33826000 Fax : 022-33826123	W2E-93/2.05 MW	93.2 m	85/98.2 m	2050 kW
		W2E-100/2.05 MW	100.13 m	98.2 / 117/141 m	2050 kW
10	M/s. Para Enterprises Private Limited 30/1A, Harrington Chambers, II Floor, 'B' Block, Abdul Razaq 1 st Street, Saidapet, Chennai – 600015. Phone: 044-24314790 Fax : 044-24314789	Pioneer Wincon 750/49	49 m	61.1 / 75.3 m	750 kW

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Sl. No.	Indian Manufacturers with address	Wind Turbine Model	Rotor Diameter	Hub Height	Capacity
11	M/s. PASL Wind Solutions Private Limited Plot No. 34-35 Phase-I, G.I.D.C, Vatva Ahmedabad Gujarat - 382445 Phone: 079-40264747 Fax : 079-40264676	PWS 1800i (de-rated configuration)	83.64 m	80 m	1500 kW
		PWS 1250i (de-rated configuration)	68 m	74 m	1050 kW
12	M/s. PowerWind Limited 3rd Floor, GL Business Centre, Old Delhi-Gurgaon Road, Opp. Udyog Vihar Phase-I, Dundahera, Gurgaon, Haryana-122016 Phone: 0124-4984455 Fax : 0124-4984466	PowerWind 56	56 m	71 m	900 kW
13	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	VENSYS 82	82.34 m	70/75/85/100 m	1500 kW
		VENSYS 87	86.6 m	85 /100 m	1500 kW
		VENSYS 89	88.34 m	85 m	1500 kW
		wd2.8+109	108.82 m	90 m	2800 kW
14	M/s. RRB Energy Limited 182/2, Bypass Road, Poonamallee, Chennai - 600056. Phone: 044- 26271111 Fax : 044- 26271114	V 39-500 kW with 47m Rotor diameter	47 m	50 m	500 kW
		Pawan Shakthi-600kW	47 m	50/65 m	600 kW
		Pawanshakthi PS 1800 (HH 80m/100m)	82.4 m	80/100 m	1800 kW
15	M/s. Suzlon Energy Limited Tree Lounge, Level 0, Left wing, One Earth, Opp. Magarpatta City Hadapsar Pune - 411028. Phone: 020-67022000 Fax : 020-67022200	Suzlon S95 DFIG 2.1 MW	95 m	80/90/100 m	2100 kW
		Suzlon S97 DFIG 2.1 MW 50 Hz	97 m	80/90/100/120 m	2100 kW
		SUZLON S111 DFIG 2.1MW (50 Hz)	111.8 m	90/120 m	2100 kW
16	M/s. Vestas Wind Technology India Private Limited 298, Rajiv Gandhi Salai, Shollinganallur, Chennai - 600119 Phone: 044-24505100 Fax : 044-24505101	Vestas V100-1.8MW 50Hz VCS Mk7.1	100 m	95 m	1800 kW
		Vestas V100-2.0MW 50Hz VCS Mk7.1	100 m	80/95 m	2000 kW
		Vestas V100-2.0MW 50Hz VCS Mk7	100 m	80/95/120 m	2000 kW
		Vestas V110-2 MW 50Hz VCS Mk 10	110 m	80/95/110/120/ 125 m	2000 kW/ 2100 kW/ 2200 kW
		Vestas V110-2 MW 50Hz VCS Mk 10 IEC S	110 m	110 m	2000 kW
		Vestas V100-2 MW 50Hz VCS Mk10	100 m	80/95 m	2000 kW

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Sl. No.	Indian Manufacturers with address	Wind Turbine Model	Rotor Diameter	Hub Height	Capacity
17	M/s. Wind World (India) Limited "Wind world Towers", Plot no. A-9, Veera Industrial Estate, Veera Desai Road, Andheri - West, Mumbai - 400053 Phone: 022-66924848 Fax : 022-66990940	WW-53 (erstwhile E 53 in India)	52.9 m	75 m	800 kW
18	M/s. Winwind Power Energy Private Limited Mena Kampala Arcade, 113/114, 3 rd Floor, "A" Block, "B" Wing, Sir Theyagaraya Road, T-Nagar, Chennai-600017 Phone: 044-28150517 Fax : Nil	WinWinD 1 MW	60 m	70 m	1000 kW

Table –A2: The Wind turbine models possessing valid Type Approval / Certificate & Self Declared that their wind turbine model(s) do not comply with CEA Technical Standard for Connectivity to the Grid No.12/X/STD (CONN)/GM/CEA dated 15.10.2013 in terms of LVRT (voltage dips):

Sl. No.	Indian Manufacturers with address	Wind Turbine Model	Rotor Diameter	Hub Height	Capacity
1.	M/s. Para Enterprises Private Limited 30/1A, Harrington Chambers, II Floor, 'B' Block, Abdul Razaq1st Street, Saidapet, Chennai – 600015. Phone: 044-24314790 Fax : 044-24314789	Pioneer 250/29	29.6 m	50 m	250 kW
2.	M/s. Shriram EPC Limited 18/3, 4th floor, Sigappiachi Building, Rukmani Lakshmi pathi Salai, (Marshalls Road), Egmore, Chennai - 600008 Phone:044-49015678 Fax : 044-49015655	SEPC 250T 41.5 m Lattice Tower	28.5 m	41.5 m	250 kW
		SEPC 250T 51.5 m Lattice Tower	28.5 m	51.5 m	250 kW

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3.	M/s. Siva Windturbine India Private Limited 12/A, Kandampalayam, Perundurai, Erode-District Pin: 638052 Phone: 04294-220017 Fax : 04294-220137	SIVA 250/50	30 m	50 m	250 kW
4.	M/s. Southern Wind Farms Limited No. 15, Soundara Pandian Street, Ashok Nagar, Chennai - 600083 Phone: 044-39182600 Fax : 044-39182636	GWL 225	29.8 m	45 m	225 kW

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