

US Wind Turbine Standards Summit – 2020

List of Standards and US Experts/ Contacts

NOTE: PT = project team – originally tasked by TC88 to draft a new standard,
 MT = maintenance team - normally idle or on new revision,
 WG = working group,
 JWG = joint working group – some formal liaison with other TC

	Status	Working Group	Title of Standards	US Expert/ Contact		
				Last	First	Email
		IEC Standards				
1	Pub	MT 1	Design requirements for wind turbines	Veers	Paul	paul.veers@nrel.gov
2	Pub	MT 2	Small wind turbines	van Dam	Jeroen	Jeroen.van.dam@nrel.gov
3	Pub	WG 3	Design requirements for offshore wind turbines	Manwell	James	manwell@ecs.umass.edu
4	Active	PT 61400-3-2	Design requirements for floating offshore wind turbines	Samuelsson	Lars	lsamuelsson@eagle.org
5	Active	JWG 1 (MT4)	Wind turbine gearboxes (with ISO TC60)	McNiff	Brian	brian@mcniffight.com
6	Pub	PT 61400-5	Wind turbines - Part 5: Rotor blades	Wetzel	Kyle	Kyle.Wetzel@WetzelWind.com
7	Pub	PT 61400-6	Wind turbines: Tower and foundation design	Ben Hassine	Jomaa	j.ben-hassine@cte-sa.com
8	Hold	PT 61400-7	Safety of wind turbines power converters	Zgonena	Tim	Timothy.P.Zgonena@us.ul.com
9	Active	PT 61400-8	Wind energy generation systems - Part 8: Design of wind turbine structural components	Zgonena	Tim	Timothy.P.Zgonena@us.ul.com
10	Active	PT 61400-9	Wind energy generation systems – Part 9: Probabilistic design measures for wind turbines	Wetzel	Kyle	Kyle.Wetzel@WetzelWind.com

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11	Active	MT 11	Acoustic noise measurement techniques – 2 parts	Huskey	Arlinda	Arlinda.huskey@nrel.gov
12	Restructure all -12	MT 12-1	Wind turbines - Part 12-1: Power performance measurements of electricity producing wind turbines	Bosche	John	John.bosche@arcvera.com
13	Pub	PT 61400-12-2	Power performance of electricity-producing wind turbines based on nacelle anemometry	Bosche	John	John.bosche@arcvera.com
14	Active	PT 61400-12-4	Power performance verification of electricity producing wind turbines based on numerical site calibration	Draxl	Caroline	Caroline.draxl@nrel.gov
15	Pub	MT 13	Measurement of mechanical loads	van Dam	Jeroen	Jeroen.van.dam@nrel.gov
16	Active	WG 15	Assessment of site specific wind conditions for wind power stations	Sherwin	Robert	VTwindpower@gmail.com
18	Active	<u>WG 21</u>	Measurement and assessment of power quality characteristics of grid connected wind turbines (2 docs)	Wetzel	Kyle	Kyle.Wetzel@WetzelWind.com
19	Active	MT 23	Full-scale structural testing of rotor blades	Hughes	Scott	scott.hughes@nrel.gov
20	Pub	MT 24	Lightning protection for wind turbines	McNiff	Brian	brian@mcniffight.com
21	Active	JWG 25	Communications for monitoring and control of wind power plants linked to TC 57 (7 documents)	Caffrey	Paul	Paul.Caffrey@ge.com
22	Active	WG 26	Availability for wind turbines and wind turbine plants (4 documents)	Sherwin	Robert	VTwindpower@gmail.com
23	Active	WG 27	Wind turbines - Electrical simulation models for wind power generation	Gevorgian	Vahan	vahan.gevorgian@nrel.gov
				Pourbeik	Pouyan	ppourbeik@peace-pll.com

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24	Active	PT 61400-28	Wind energy generation systems - Part 28: Through life management and life extension of wind power assets	Ben Hassine	Jomaa	j.ben-hassine@cte-sa.com
25	Active	PT 61400-29	Marking and lighting of wind turbines	MacDowell	Jason	jason.macdowell@ge.com
26	Active	PT 61400-30	Wind turbines – Part 30: Safety of Wind Turbine Generator Systems	Gillespie	Toby	toby.gillespie@ge.com
27	Active	PT 61400-40	Wind energy generation systems - Part 40: Electromagnetic Compatibility (EMC) - Requirements and test methods	van Dam	Jeroen	Jeroen.van.dam@nrel.gov
28	Active also -50-4 floating	PT 61400-50-3	Wind energy generation systems - Part 50-3: Use of nacelle mounted lidars for wind measurements	Simmons	Luke	Luke.Simmons@dnvgl.com
29	Active	PT 61400-101	Wind energy generation systems - Part 101: General requirements for wind turbine plants	Butterfield	C.P. Sandy	c.p.butterfield@gmail.com
		Liaisons				
30		<u>SC 8A</u>	Grid Integration of Renewable Energy Generation (IEC TC8)	MacDowell	Jason	jason.macdowell@ge.com
31		<u>SC 8B</u>	Decentralized Electrical Energy Systems (IEC TC8)	Colby	Jonathan	jcolby@verdantpower.com
		US Standards				
32	Active	<u>Offshore Wind Subcommittee (WTSC)</u>	AWEA Offshore Wind Turbine Subcommittee OCRP	Musial	Walter	walt.musial@nrel.gov

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33	Active	OCRPs 2012 Maintenance Offshore Working Group	OCRPs Working Group 1- Recommended Practices	Byars	Rain	rain.byars.pe@ieee.org
34	Active	Metocean Offshore Working Group	OCRPs Working Group 2- Metocean	Drunic	Michael	Michael.Drunic@dnvgl.com
35	Active	Submarine Cables Offshore Working Group	OCRPs Working Group 5- Submarine Cables	Engelmann	George	georg.engelmann@excipioenergy.com
36	Active	Geotech and Geophysical Offshore Working Group	OCRPs Working Group 4 - Geotech	Palmer	Matt	matt.palmer@wsp.com
37	Active	Floating Offshore Working Group	OCRPs Working Group 3- Floating	Samuelsson	Lars	lsamuelsson@eagle.org
38	gestation		Offshore - Electrical Safety	Musial	Walt	proposed
39		Structures RP	ASCE/ AWEA RP	Vega	Rolando	Rolando.vega@utsa.edu
40		UL 6141	Wind Turbine Converters and Interconnection Systems	Zgonena	Tim	Timothy.p.zgonena@ul.com
41		UL 6142	Small Wind Turbine Systems (electrical and controls)	Zgonena	Tim	Timothy.p.zgonena@ul.com
42		AWEA 9.1	AWEA Small Wind Turbine Performance and Safety Standard	Summerville	Brent	brent@smallwindcertification.org

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43		AWEA SWT-1-202x	AWEA Small Wind Turbine Standard	Summerville	Brent	brent@smallwindcertification.org
44		AGMA/ AWEA 6006, ed 2	Standard for Design and Specification of Gearboxes for Wind Turbines	Reardon	Brent	brent.reardon@comcast.net
45		NFPA 70 / NEC	National Electric Code	Wills	Robert	rwills@intergrid.us
46		AWEA TR-1	AWEA Wind plant power performance	Kramak	Brian	Brian.kramak@ul.com