

Jahresbericht 2020

TK 88, Windenergieanlagen

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Aufgrund der Corona-Pandemie trafen sich die TK 88 Mitglieder im Berichtsjahr 2020 in einer virtuellen Sitzung am 17. November zur ordentlichen Jahresversammlung. Wir heissen Reto Pauli von der Military Aviation Authority in der Arbeitsgruppe herzlich willkommen! Wie im Vorjahr erhielt die Technische Kommission auch Dokumente des TK 8 - Systemaspekte der elektrischen Energieversorgung, um sich an die parallelen Aktivitäten anzupassen. So wurden im vergangenen Jahr mehr als 62 Dokumente an die TK 88 Mitglieder verteilt.

Bei IEC galt das Interesse aus der Schweiz für die nachfolgend aufgeführten Dokumente:

- 88/739/NP PNW TS 88-739: Wind energy generation systems - Part 50-4: Use of floating lidars for wind measurements (06.12.2019)
- 8/1532/Q Proposal for establishing a new subcommittee in TC8 on "Network Management" (18.12.2019)
- 8B/55/AC TC 64/JWG 44: Prosumer's Low Voltage Installation (10.01.2020)
- 8/1538/AC TC 64/JWG 44: Prosumer's Low Voltage Installation (17.01.2020)
- 88/753/AC MTGS 2020 - Next meeting to be held in Chennai (IN) on 16th and 17th March 2020 (Online registration) (24.01.2020)
- 88/751/FDIS//EN IEC 61400-6 ED1: Wind energy generation systems - Part 6: Tower and foundation design requirements (14.01.2020)
- 8/1537/CD IEC TS 62786-1 ED1: Distributed Energy resources connection with the grid - General requirements (29.01.2020)
- 8A/67/Q Nomination of SC 8A representative to ACTAD Task Team 4 (13.02.2020)
- 8/1536/CD Compilation of Comments on 8/1536/CD - IEC TR 63282 ED1: Assessment of standard voltages and power quality requirements for LVDC distribution (06.03.2020)
- 88/758/AC Call for project leader for PT 61400-40: Electromagnetic Compatibility (EMC) - Requirements and test methods (06.03.2020)
- 8B/53/DTS Result of Voting on 8B/53/DTS - IEC TS 62898-3-1 ED1: Microgrids - Part 3-1: Technical requirements - Protection and dynamic control (06.03.2020)
- C/1/AC Secretariat and Establishment of IEC SC 8C (13.03.2020)
- 8C/1A/AC Secretariat and Establishment of IEC SC 8C (20.03.2020)
- 8A/69/AC Set up Working Group (WG 6): Operational behaviour and coordinated control between renewable energy and HVDC systems and call for experts (03.04.2020)
- 8B/54/CD IEC TS 62898-3-2 ED1: Microgrids - Part 3-2: Technical requirements - Energy management systems (26.03.2020)
- 88/757/Q Appointment of a new project leader for PT 61400-30, Safety of Wind Turbine Generator Systems (WTGs) - General principles for design (17.04.2020)
- 88/759/FDIS//EN IEC 61400-5 ED1: Wind energy generation systems - Part 5: Wind turbine blades (09.04.2020)

- 8B/57/CD IEC TS 62898-3-3 ED1: Microgrids - Part 3-3: Technical requirements - Self-regulation of dispatchable loads (17.04.2020)
- 88/760/Q Nomination of a new convener for MT 23, Full-scale structural testing of rotor blades (08.05.2020)
- 8A/66/CDV//EN IEC 62934 ED1: Grid integration of renewable energy generation - Terms, definitions and symbols (15.05.2020)
- 88/756/DC Proposal from MT 12-1 and PT 61400-12-2 to divide the existing publication IEC 61400-12-1 Ed. 2 and IEC 61400-12-2 Ed. 1 into nine separate documents and separate out the wind measurement requirements from the power performance testing requirement (18.05.2020)
- 88/762/FDIS//EN IEC 61400-27-1 ED2: Wind energy generation systems - Part 27-1: Electrical simulation models – Generic Models (29.05.2020)
- 88/763/FDIS//EN IEC 61400-27-2 ED1: Wind energy generation systems - Part 27-2: Electrical simulation models – Model Validation (29.05.2020)
- 88/764/DC Request for national comments on the draft of Technical Specification developed under IEC TC 82/JWG1 IEC
- TS 62257-7-2 Ed. 1 Renewable energy and hybrid systems for rural electrification Part 7-2: Generator set Off-grid wind turbines (29.05.2020)
- 8A/70/AC Set up Working Group (WG 7): Integrating distributed PV into DC systems and use cases and call for experts (29.05.2020)
- 88/765/Q Approval of the meeting minutes of Interim online meeting held on 16th & 17th March 2020, 14:00 - 16:00 UTC.(29.05.2020)
- 88/766/Q Request from MT 3-2 to transform IEC TS 61400-3-2 into an International Standard (IS) (29.05.2020)
- 8C/2/AC Call for nominations for Chair of SC 8C: Network Management (05.06.2020)
- 8/1550/AC Appointment of a secretary (26.06.2020)
- 88/761/NP PNW TS 88-761: Wind energy generation systems - Part 9: Probabilistic design measures for wind turbines (03.07.2020)
- 88/769/DC Proposed technical corrigendum to IEC 61400-6:2020 ED 1.0, Wind energy generation systems - Part 6: Tower and foundation design requirements (09.07.2020)
- 8/1551/Q Nomination for the Chair of SC 8C: Network Management (04.08.2020)
- 8/1549/DTR IEC TR 63282 ED1: Assessment of standard voltages and power quality requirements for LVDC distribution (14.08.2020)
- 8/1546/NP PNW TS 8-1546: Guidelines for network management - Power Quality Monitoring System (14.08.2020)
- 8/1547/NP PNW TS 8-1547: Guidelines for Network Management - Power Quality Characteristics Modelling (14.08.2020)
- 88/770/CD IEC 61400-21-2 ED1: Wind energy generation systems - Part 21-2: Measurement and assessment of electrical characteristics - Wind power plants (14.08.2020)
- 8C/3/AC Next virtual meeting of IEC/SC 8C to be held on 2020-11-04 (28.08.2020)
- 99/267/CDV//EN IEC 61936-1 ED3: Power installations exceeding 1 kV AC and 1,5 kV DC - Part 1: AC (21.08.2020)
- 88/782/DC Proposed amendment to correct errors in Annex B of IEC 61400-13:2015 ED1.0, Wind energy generation systems - Part 13: Measurement of mechanical loads (04.09.2020)

- 8A/71/DTR IEC TR 63043 ED1: Renewable Energy Power Forecasting Technology (11.09.2020)
- 8/1554/Q Questionnaire - New RRs on IEV parts revision (17.09.2020)
- 8B/62/CD IEC 63189-1 ED1: Virtual Power Plants- Part 1: Architecture and Functional Requirements (17.09.2020)
- 88/781/CD IEC 61400-15-1 ED1: Wind energy generation systems - Part 15-1: Site suitability input conditions for wind power plants (07.10.2020)
- 8B/61/NP PNW TS 8B-61: Guideline for the planning and design of the decentralized direct current distribution systems (16.10.2020)
- 8/1559/Q Revision of task description and membership of AG1: Chairman's Advisory Group (CAG) (27.10.2020)
- 8/1560/Q Revision of IEC 63222 series (27.10.2020)
- 8B/63/CD IEC TS 62898-3-3 ED1: Microgrids - Part 3-3: Technical requirements - Self-regulation of dispatchable loads (27.10.2020)
- 8C/10/DC IEC/TC 8 Strategic Business Plan (27.10.2020)
- 8C/8/DC Advance consideration of New Work Item Proposal raised by the SC 8C Secretariat, with the title "Power System Stability Control - Part 1: Guideline for framework design of power system stability control" (27.10.2020)
- 8C/9/DC IEC/SC 8C Title and Scope Proposal (27.10.2020)
- 88/778/CDV//EN IEC 61400-50-3 ED1: Wind energy generation systems - Part 50-3: Use of nacelle mounted lidars for wind measurements (05.11.2020)
- 8/1557/CD IEC 60050-601 ED2: International Electrotechnical Vocabulary (IEV) - Part 601: Generation, transmission and distribution of electricity – General (25.11.2020)
- 8/1558/CD IEC TS 63222 ED1: Guidelines for network management - Power quality management (19.11.2020)
- 88/784/NP PNW TS 88-784 ED1: Wind Turbine - Siting Risk Assessment (02.12.2020)
- 8B/64/CD IEC TS 63189-2 ED1: Virtual Power Plants- Part 2: Use Cases (04.12.2020)
- 8/1552/CDV//EN IEC 60038/AMD1/FRAG2 ED7: Amendment 1 (f2) - Standard voltages for AC supply and AC equipment (Proposed horizontal standard) (18.12.2020)
- 8/1553/CDV//EN IEC 60038/AMD1/FRAG3 ED7: Amendment 1 (f3) - Standard voltages for DC and AC traction systems (Proposed horizontal standard) (04.12.2020)

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(S.B.)