

International Standardization meets R&D and Industry

Workshop on International Standardization for Distributed Energy Resources

IEC TC 57 WG-17 Workshop

Oldenburg, Germany, June 19-20, 2007

Agenda

<http://dispowergen.com/std/der/meetings/oldenburg.html>

(Note: the marked presentations need confirmation)

Tuesday, June 19

10:00 – 10:45	Welcome and Introductions Dr. Wolfram Krause – EWE, Germany Roland Hentschel – Oldenburger Energie Cluster (OLEC), Germany
10:45 – 11:15	General introduction to standard series IEC 61850, and the standardization for electric power delivery systems Karlheinz Schwarz – SCC, Germany
11:15 – 11:45	Overview of WG 17 purpose and scope Dr. Frank Goodman – EPRI, USA
11:45 – 12:45	Status and content of first CDV IEC 61850-7-420 Dr. Frank Goodman – EPRI, USA Frances Cleveland – Xanthus Consulting, USA Jean Goulet – Hydro Quebec, Canada
12:45 – 14:00	Lunch break with demonstrations in the lobby
14:00 – 14:30	Expansion of WG-17 to other feeder equipment Dr. Frank Goodman – EPRI, USA
14:30 – 15:00	IEC 61400-25 for wind power plants (extensions of IEC 61850) Karlheinz Schwarz – SCC, Germany
15:00 – 15:30	Decentralized energy management – Integration of renewable energies Dr. Wolfram Krause – EWE, Germany
15:30 – 16:00	Break with demonstrations in the lobby
16:00 – 16:30	The control center view: IEC 61970 CIM Mathias Uslar – OFFIS, Germany
16:30 – 17:00	Technical and economical integration of DER by decentralized decision David Nestle – ISET, Germany
17:00 – 17:30	IT for decentralized energy management Dr. Christoph Mayer – OFFIS, Germany
17:30 – 18:00	Danish demonstration projects for CHP on market terms Claus Amtrup Andersen – Eurisco, Denmark
18:00	Adjourn for the Day

Wednesday, June 20

09:00 - 09:20	Virtual power plant requirements for IEC 61850-7-420 Dr. Jürgen Meister – BTC, Germany
09:20 - 09:40	Development of an IEC 61850 conformant interface for small automation devices Prof. Dr.-Ing. Heinz Frank – Reinhold-Würth-Hochschule, Germany
09:40 - 10:00	Intelligent Universal Transformer Dr. Frank Goodman – EPRI, USA
10:00 – 10:20	Vendor's requirements Heike Kück – Siemens, Germany
10:20 – 11:00	Break with demonstrations in the lobby
11:00 – 11:20	Fuel Cell / CHP Gunter Grosch – Senertec, Germany
11:20 – 11:40	Requirements for CHP controller Ulrich-Michael Dismar – Saia-Burgess, Germany
11:40 – 12:00	Modular CHP plant controllers Mario Korte – University of Oldenburg, Germany
12:00 – 12:20	Webservices according to IEC 61400-25-4 for PROFIBUS I/O devices Georg Hellack – GHF automation, Germany
12:20 – 14:00	Lunch break with demonstration in lobby
14:00 – 14:20	Demand Side Management – An overview Dr. Michael Stadler – University of Oldenburg, Germany
14:20 – 14:40	Demand Side Management: communication requirements Dr. Ulrich Focken, energy & meteo systems
14:40 – 15:00	Home automation requirements Sigrid Stramka – CAN in Automation, Germany
15:00 – 15:30	Break with demonstrations in the lobby
15:30 – 15:50	Photo Voltaics Wolfgang Reichenbächer – SMA, Germany
15:50 – 16:10	System control and communication requirements for windenergy-storage systems Dr. Hans-Peter Waldl – Overspeed, Germany
16:10 – 16:30	Discussion
16:30 – 17:00	Expressions of interest in joining the working group 17 and action planning
17:00	Adjourn