



**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**

**Tuesday, June 19**

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



Wednesday, June 20

09:00 - 09:20	<b>Virtual power plant requirements for IEC 61850-7-420</b> Heiner Feislachen – BTC AG, Germany
09:20 - 09:40	<b>Development of an IEC 61850 conformant interface for small automation devices</b> Prof. Dr.-Ing. Heinz Frank – Reinhold-Würth-Hochschule, Germany
09:40 - 10:00	<b>Intelligent Universal Transformer</b> Dr. Frank Goodman – EPRI, USA
10:00 – 10:20	<b>Vendor’s requirements</b> Heike Kück – Siemens, Germany
10:20 – 11:00	<b>Break with demonstrations in the lobby</b>
11:00 – 11:20	<b>Fuel Cell / CHP</b> Gunter Grosch – Senertec, Germany
11:20 – 11:40	<b>Modular CHP plant controllers</b> Mario Korte – University of Oldenburg, Germany
11:40 – 12:00	<b>Webservices according to IEC 61400-25-4 for PROFIBUS I/O devices</b> Georg Hellack – GHF automation, Germany
12:00 – 12:20	<b>Home automation requirements</b> Olga Fischer – CAN in Automation, Germany
12:20 – 14:00	<b>Lunch break with demonstration in lobby</b>
14:00 – 14:20	<b>Demand Side Management – An overview</b> Dr. Michael Stadler – OFFIS, Germany
14:20 – 14:40	<b>Demand Side Management: communication requirements</b> Dr. Ulrich Focken, energy & meteo systems, Germany
14:40 – 15:00	<b>Smart Metering</b> Dr. Dave J. Boers – QNE, Germany
15:00 – 15:30	<b>Break with demonstrations in the lobby</b>
15:30 – 15:50	<b>Photo Voltaics</b> Wolfgang Reichenbächer – SMA, Germany
15:50 – 16:10	<b>System control and communication requirements for windenergy-storage systems</b> 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