

IEC 61850 - Communication networks and systems for power utility automation

Part	Title	Publication	Edition 2
1	Introduction and overview	TR Ed1:2003-04	CD 2010-06
2	Glossary	TS Ed1:2003-08	--
3	General requirements	IS Ed1:2002-02	CD 2010-04
4	System and project management	IS Ed1:2002-01	CDV 2009-12
5	Communication requirements for functions and device models	IS Ed1:2003-07	CDV 2008
6	Configuration description language for communication in electrical substations related to IEDs	IS Ed1:2004-03	IS Ed2: 2010-02
7-1	Basic communication structure – Principles and models	IS Ed1:2003-07	FDIS 2010-05
7-2	Basic communication structure – Abstract communication service interface (ACSI)	IS Ed1:2003-05	FDIS 2010-03
7-3	Basic communication structure – Common data classes	IS Ed1:2003-05	FDIS 2010-06
7-4	Basic communication structure – Compatible logical node classes and data classes	IS Ed1:2003-05	FDIS 2010-02
7-410	Hydroelectric power plants - Communication for monitoring and control	IS Ed1:2007-08	CD 20xx
7-420	Communications systems for distributed energy resources (DER) - Logical nodes	IS Ed1:2009-03	CD 20xx
7-430	Communication system for distribution feeder and network equipment	57/954/NP	
7-5	Basic communication structure – Usage of information models for substation automation applications	DC 2010-08	
7-500	Use of logical nodes to model functions of a substation automation system	DC 2010-08	
7-510	Use of logical nodes to model functions of a hydro power plant	DC 2009-12	
7-520	Use of logical nodes to model functions of distributed energy resources	Draft 2010	
7-10	Web-based and structured access to the IEC 61850 information models	DC 2009-12	
8-1	Specific communication service mapping (SCSM) – Mappings to MMS (ISO/IEC 9506-1 and ISO/IEC 9506-2) and to ISO/IEC 8802-3	IS Ed1:2004-05	FDIS 2010-06
9-1	Specific communication service mapping (SCSM) – Sampled values over serial unidirectional multidrop point to point link	IS Ed1:2003-05	withdraw
9-2	Specific communication service mapping (SCSM) – Sampled values over ISO/IEC 8802-3	IS Ed1:2004-04	FDIS 2010-06
10	Conformance testing	IS Ed1:2005-05	FDIS 2010-04
80-1	Guideline to exchanging information from a CDC-based data model using IEC 60870-5-101 or IEC 60870-5-104	TS Ed1:2008-12	
90-1	Using IEC 61850 for the communication between substations	TS Ed1:2009-08	
90-2	Using IEC 61850 for the communication between substations and control centres	Draft 2010-01	
90-3	Using IEC 61850 for Condition Monitoring	Draft 2010-06	
90-4	Network Engineering Guidelines	Draft 2010-04	
90-5	Using IEC 61850 to transmit synchrophasor information according to IEEE C37.118	Draft 2010-06	

current work in 2009/2010	current work in 2009/2010
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