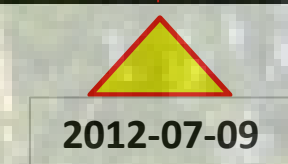# Published Documents IEC 61850 (2012-07-09): Communication networks and systems for power utility automation

	Part	Current Title	Edition	Stability Date	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	IEC/TR 61850-1	Part 1: Introduction and overview	1.0 (2003-04-28)	2012				0	0	0	0	0	0	0	0						
2	IEC/TS 61850-2	Part 2: Glossary	1.0 (2003-08-07)	2012				0	0	0	0	0	0	0	0						
3	IEC 61850-3	Part 3: General requirements	1.0 (2002-01-16)	2012			0	0	0	0	11	11	11	11	11						
4	IEC 61850-4	Part 4: System and project management	1.0 (2002-01)	2004			0	0	0	0	0	0	0								
			2.0 (2011-04-11)	2015									0	0							
5	IEC 61850-5	Part 5: Communication requirements for functions and device models	1.0 (2003-07-24)	2012				1	2 (1)				3 (1)								
6	IEC 61850-6	Part 6: Configuration description language for communication in electrical substations related to IEDs	1.0 (2004-03)	2006				43	73 (30)	84 (11)	86 (2)	87 (1)									
			2.0 (2009-12-17)	2013								0	8	25 (17)	37 (12)						
7	IEC 61850-7-1	Part 7-1: Basic communication structure - Principles and models	1.0 (2003-07)	2005										7							
			2.0 (2011-07-15)	2013										3 (3)							
8	IEC 61850-7-2	Part 7-2: Basic information and communication structure - Abstract communication service interface (ACSI)	1.0 (2003-05)	2005										177							
			2.0 (2010-08-24)	2015									2	12 (10)	21 (8)						
9	IEC 61850-7-3	Part 7-3: Basic communication structure - Common data classes	1.0 (2003-05)	2005										60							
			2.0 (2010-12-16)	2013									5	11 (6)	17 (6)						
10	IEC 61850-7-4	Part 7-4: Basic communication structure - Compatible logical node classes and data object classes	1.0 (2003-05)	2005										120							
			2.0 (2010-03-31)	2015									19	50 (31)	63 (13)						
11	IEC 61850-7-410	Part 7-410: Hydroelectric power plants - Communication for monitoring and control	1.0 (2007-08-10)	2010										33 (0)							
12	IEC 61850-7-420	Part 7-420: Basic communication structure - Distributed energy resources logical nodes	1.0 (2009-03-10)	2011										37 (19)							
13	IEC 61850-7-510	Part 7-510: Basic communication structure -Hydroelectric power plants - Modelling concepts and guidelines	1.0 (2012-03)	2017																	
14	IEC 61850-8-1	Part 8-1: Specific communication service mapping (SCSM) - Mappings to MMS (ISO 9506-1 and ISO 9506-2) and to ISO/IEC 8802-3	1.0 (2004-05)	2005										99 (2)							
			2.0 (2011-06-17)	2016										6	12 (6)						
15	IEC 61850-9-1	Part 9-1: Specific Communication Service Mapping (SCSM) - Sampled values over serial unidirectional multidrop point to point link	1.0 (2003-05-12)	2010																	
16	IEC 61850-9-2	Part 9-2: Specific communication service mapping (SCSM) - Sampled values over ISO/IEC 8802-3	1.0 (2004-04)	2005										10 (0)							
			2.0 (2011-09-22)	2016										0	1 (1)						
17	IEC 61850-10	Part 10: Conformance testing	1.0 (2005-05-30)	2012										14							
18	IEC/TS 61850-80-1	Part 80-1: Guideline to exchanging information from a CDC-based data model using IEC 60870-5-101 or IEC 60870-5-104	1.0 (2008-12-11)	2011																	
19	IEC/TR 61850-90-1	Part 90-1: Use of IEC 61850 for the communication between substations	1.0 (2010-03-16)	2014																	
20	IEC/TR 61850-90-5	Part 90-5: Use of IEC 61850 to transmit synchrophasor information according to IEEE C37.118	1.0 (2012-06)	2015																	

2012-07-09

#		Description	Edition	Stability Date	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	IEC/TR 61850-7-5	Part 7-5: Usage of information models SAS	1.0 (2012?)												?						
2	IEC/TR 61850-7-500	Part 7-500: Use of LN to model functions (SAS)	1.0 (2012?)												?						
3	IEC/TR 61850-7-520	Part 7-520: Use of LN (DER)	1.0 (2012?)												?						
4	IEC/TR 61850-8-2	Part 8-2: Web service mapping	1.0 (2012?)												?						
5	IEC/TR 61850-10-2	Part 10-2: Interoperability test for hydro equipment	1.0 (2012?)												?						
6	IEC/TR 61850-90-2	Part 90-2: Using IEC 61850 for SS-CC communication	1.0 (2012?)												?						
7	IEC/TR 61850-90-3	Part 90-3: Using IEC 61850 for Condition Monitoring	1.0 (2012?)												?						
8	IEC/TR 61850-90-4	Part 90-4: Network Engineering Guidelines	1.0 (2012?)												?						
9	IEC/TR 61850-90-6	Part 90-6: Use of IEC 61850 for Distribution Automation	1.0 (2012?)												?						
10	IEC/TR 61850-90-7	Part 90-7: Object Models for PV, Storage … inverters, …	1.0 (2012?)												?						
11	IEC/TR 61850-90-8	Part 90-8: Object Models for Electrical Transportation	1.0 (2012?)												?						
12	IEC/TR 61850-90-9	Part 90-9: Object Models for Batteries	1.0 (2012?)												?						
13	IEC/TR 61850-90-410	Part 90-410: Communication network structures in hydro power plants	1.0 (2012?)												?						
14	IEC/TR 61850-90-9	Part 90-9: Object Models for Batteries	1.0 (2012?)												?						
15	IEC/TR 61850-90-10	Part 90IEC 61850-10: Object models for schedules	1.0 (2012?)												?						
16	IEC/TR 61850-90-11	Part 90-11: Methodologies for modelling of logics for IEC 61850 based applications	1.0 (2012?)												?						
17	IEC/TR 61850-90-12	Part 90-12: Wide area network engineering guidelines	1.0 (2012?)												?						
18	IEC/TR 61850-90-13	Part 90-13: Extension of IEC 61850 information models to also include logical nodes and data models for steam and gas turbines	1.0 (2012?)												?						
19	IEC/TR 61850-90-14	Part 90-14: Using IEC 61850 for FACTS data modelling	1.0 (2012?)												?						
20	IEC/TR 61850-90-15	Part 90-15: Hierarchical DER system model	1.0 (2012?)												?						
21	IEC/TR 61850-100-1	Part 100-1: Functional testing of IEC 61850 based systems	1.0 (2012?)												?						