

Issues

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
409	IEC 61850 User Feedback Task Force	Feature	4.1	ENTSO-E	In Progress	Normal		Too loose or non existing guideline for organization of structure tree (construction of each LD, LN etc)	02/11/2021 08:00 AM
417	IEC 61850 User Feedback Task Force	Support	9	ENTSO-E	In Progress	Normal	6-100	There is no mechanism proposed by the Standard to positively identify data points in the data model. For instance PTOC can refer	02/03/2021 02:49 PM
419	IEC 61850 User Feedback Task Force	Support	10.2	ENTSO-E	In Progress	Normal	IEC 61850-7-2	Also many other features of GOOSE messaging are left to the manufacturer to choose.	06/14/2022 09:33 AM
424	IEC 61850 User Feedback Task Force	Support	15	ENTSO-E	In Progress	Normal	6	Vendor Tools shall allow (vendor independant) Integration tools doing engineering based on ICD Files, thus allowing them to in	02/03/2021 02:49 PM
434	IEC 61850 User Feedback Task Force	Support	25	ENTSO-E	In Progress	Normal		Freedom of choice what IEC 61850 services are to be tested seem too open. The vendor can select exactly what UCA accredited test	04/02/2021 01:30 PM
438	IEC 61850 User Feedback Task Force	Feature	1	Vattenfall	In Progress	Normal	IEC 61850-6 (-100)	The engineering-process is well defined for a green field / new IEC 61850 substation but needs clarification for refurbishment	02/11/2021 07:59 AM
439	IEC 61850 User Feedback Task Force	Bug	2	Vattenfall	In Progress	High	IEC 61850-6	How to add utility process name to DOs	02/11/2021 06:37 AM
441	IEC 61850 User Feedback Task Force	Improvement	4	Vattenfall	Resolved	High	IEC 61850-6-100	Limitations of one to one mapping between LNode and LN	03/15/2022 11:08 AM
442	IEC 61850 User Feedback Task Force	Bug	5	Vattenfall	Resolved	High	IEC 61850-6-100	Mapping LNode (substation section) to LN (IED section)	03/15/2022 09:10 AM
519	IEC 61850 User Feedback Task Force	Support	1	UFTF	Resolved	Normal	90-16	Optionality in DOI NamPit, PhyNam resp. in ICD/IID file: IED.manufacturer, .IED.type, makes a device recognition in a machine to	06/21/2022 09:20 AM
525	IEC 61850 User Feedback Task Force	Support	6	IOP_2017/8	Resolved	Normal	IEC 61850-6	IEC 61850-6 does not allow the authentication configuration (none, password, weak, strong or certificate) to be used for Client	06/21/2022 09:17 AM
547	IEC 61850 User Feedback Task Force	Support	28	IOP_2017/49	Resolved	Normal	IEC 61850-9-3	Requirement for Boundary Clocks to adjust the clock accuracy to reflect their actual accuracy, not that of their grandmaster	06/21/2022 09:26 AM
548	IEC 61850 User Feedback Task Force	Support	29	IOP_2017/50	Resolved	Normal	IEC 61850-9-3	The start-up behaviour of Boundary Clocks	06/21/2022 09:26 AM
549	IEC 61850 User Feedback Task Force	Support	30	IOP_2017/51	Resolved	Normal	IEC 61850-9-3	Standard should clarify the relation between the PTP clock clockQuality signals and the timeQuality in TimeStamp	06/21/2022 09:26 AM
550	IEC 61850 User Feedback Task Force	Support	31	IOP_2017/52	Resolved	Normal	IEC 61850-9-3	Incorrect variance adjustment for Time Masters with degradation (loss of GPS)	06/21/2022 09:26 AM

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551	IEC 61850 User Feedback Task Force	Support	32	IOP_2017/53	Resolved	Normal	IEC 61850-9-3	IEC/IEEE 61850-9-3 - Sync messages have to be padded to the same length as the Pdelay_Req/Pdelay_Resp messages	06/21/2022 09:26 AM
552	IEC 61850 User Feedback Task Force	Support	33	IOP_2017/54	Resolved	Normal	IEC 61850-9-3	Disruption of network when TC are not set to the correct domain	06/21/2022 09:26 AM
553	IEC 61850 User Feedback Task Force	Support	34	IOP_2017/55	Resolved	Normal	IEC 61850-9-3	IEC/IEEE 61850-9-3 should clarify the meaning and use of TimeTraceable and FrequencyTraceable	06/21/2022 09:26 AM
554	IEC 61850 User Feedback Task Force	Support	1	H30	Resolved	Normal		Performance requirement for SV and implications to Protection applications	12/21/2021 08:56 AM
555	IEC 61850 User Feedback Task Force	Support	2	H30	Rejected	Normal		Link Failover reliability problem - implication to protection application	10/25/2022 09:01 AM
556	IEC 61850 User Feedback Task Force	Support	3	H30	In Progress	Normal	IEC 61850-90-20	Rendundant CT/TT measurements	06/21/2022 02:09 AM
558	IEC 61850 User Feedback Task Force	Support	30	ENTSO-E	Triage	Normal	IEC 61850-7-4	Busbar protection (BBP): Diff/Kirchoff BBP	02/16/2021 04:10 AM
559	IEC 61850 User Feedback Task Force	Support	31	ENTSO-E	Triage	Normal	IEC 61850-7-4	Busbar protection: ARC detection protection	02/16/2021 04:09 AM
566	IEC 61850 User Feedback Task Force	Support	38	ENTSO-E	Triage	Normal	IEC 61850-7-420	S/S related applications: Diesel aggregat alarm	02/16/2021 04:08 AM
569	IEC 61850 User Feedback Task Force	Support	41	ENTSO-E	Triage	Normal	IEC 61850-7-4	S/S related applications: Access security system	02/16/2021 04:13 AM
572	IEC 61850 User Feedback Task Force	Support	44	ENTSO-E	Resolved	Normal	IEC 61850-7-4, 7-500	S/S related applications: Auxiliary circuit supervision	03/01/2022 08:37 AM
573	IEC 61850 User Feedback Task Force	Feature	45	ENTSO-E	In Progress	Normal	IEC 61850-7-4	Tap Changer Supervision: Tap discrepancy (3 pole transformer case)	02/11/2021 07:14 AM
574	IEC 61850 User Feedback Task Force	Feature	46	ENTSO-E	In Progress	Normal	IEC 61850-7-4	Protection scheme: Weak end infeed (1 phase and 2/3 phase operate missing)	02/11/2021 07:13 AM
575	IEC 61850 User Feedback Task Force	Feature	47	ENTSO-E	In Progress	Normal	IEC 61850-7-4	Protection scheme: Reversal current logic LN/DO/DA missing	02/11/2021 07:13 AM
576	IEC 61850 User Feedback Task Force	Feature	48	ENTSO-E	In Progress	Normal	IEC 61850-7-4	Distance protection: Distance protection - 1 phase and 3 phase zone extension signals are missing	02/11/2021 07:11 AM
578	IEC 61850 User Feedback Task Force	Feature	50	ENTSO-E	In Progress	Normal	IEC 61850-7-4	Busbar protection: End Fault protection - model definition required.	02/11/2021 07:10 AM
579	IEC 61850 User Feedback Task Force	Support	51	ENTSO-E	Resolved	Normal	IEC 61850-7-4, 7-500	Voltage protection: Overvoltage protection - 3ph operate	03/01/2022 09:09 AM
580	IEC 61850 User Feedback Task Force	Support	52	ENTSO-E	Resolved	Normal	IEC 61850-7-4, 7-5	Voltage protection: Undervoltage protection - 3ph operate	09/28/2022 06:57 AM
581	IEC 61850 User Feedback Task Force	Support	53	ENTSO-E	Triage	Normal	IEC 61850-7-4, 7-5	S/S related applications: Disturbance recorder - communication session active	02/16/2021 04:11 AM

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582	IEC 61850 User Feedback Task Force	Support	54	ENTSO-E	Triage	Normal	IEC 61850-7-4, 7-5	Synchrocheck: Synchrocheck - missing signals	02/16/2021 04:11 AM
583	IEC 61850 User Feedback Task Force	Support	55	ENTSO-E	Triage	Normal	IEC 61850-7-4	Autoreclosure: Autoreclosure - 3ph closing command missing	02/16/2021 04:00 AM
584	IEC 61850 User Feedback Task Force	Feature	1122	IOP_2019	Resolved	Normal	IEC 61850-6	SCL validation - Should all name parts of PhV be contained in the doName?	07/05/2022 08:20 AM
590	IEC 61850 User Feedback Task Force	Feature	1800	IOP_2019	In Progress	Normal	IEC 61850-6	ICT fails to check validity of the SCD file regarding the IED constraints	07/05/2022 08:30 AM
597	IEC 61850 User Feedback Task Force	Feature	1120	IOP_2019	Resolved	Normal	TF Communication supervision	SCTs updating the confRev of 9-2 LE Sampled Value streams - problem with subscription to test tool SV injection	09/26/2022 09:55 AM
599	IEC 61850 User Feedback Task Force	Feature	12	IOP_2019	Resolved	Normal		ICD files do not match requirements (several issues) - increase in engineering efforts	07/05/2022 08:48 AM
602	IEC 61850 User Feedback Task Force	Feature	1742	IOP_2019	Resolved	Normal	IEC 61850-9-3	Merging Unit standard requires MU clock to jump on PTP time jumps, which is not true for Boundary Clocks.	07/05/2022 08:52 AM
605	IEC 61850 User Feedback Task Force	Improvement	4	H30	In Progress	Normal	IEC 61850-10-3	Test and Simulation mode questions	06/21/2022 02:09 AM
607	IEC 61850 User Feedback Task Force	Support	6	H30	In Progress	Normal	IEC 61850-80-6 (90-2)	LPHD.Sim management	06/21/2022 02:09 AM
608	IEC 61850 User Feedback Task Force	Feature	7	H30	In Progress	Normal	IEC 61850-90-xx	Comprehensive set of requirements covering validation and supervision of all IEC 61850 communications	06/21/2022 02:09 AM
610	IEC 61850 User Feedback Task Force	Improvement	2	RTE	Resolved	Normal	IEC 61850-6	Mapping of another phases system description to the generic phases phsA, phsB, phsC	05/11/2021 10:13 AM
611	IEC 61850 User Feedback Task Force	Bug	5	RTE	In Progress	Normal	IEC 61850-7-4 / IEC 61850-80-6	Need a new DO (ENUM) to identify the protocol used for the SCADA exchange, in LN ITCI	05/11/2021 09:59 AM
612	IEC 61850 User Feedback Task Force	Feature	11	RTE	Resolved	Normal	IEC 61850-7-4	Need to create a new LN of group P (Protection), as "PCDP" to represent the Pole Discrepancy Protection.	07/05/2022 08:17 AM
618	IEC 61850 User Feedback Task Force	Improvement	14	RTE	Resolved	Normal	IEC 61850-90-3	Evolution of DO SumSqA of LN SPTRExt	10/25/2022 08:50 AM
619	IEC 61850 User Feedback Task Force	Feature	15	RTE	Resolved	Normal		New LN of group L (as "LTED") to represent the dynamic topology of the substation.	03/02/2021 09:29 AM
621	IEC 61850 User Feedback Task Force	Feature	17	RTE	In Progress	Normal	IEC 61850-7-4/7-500	New controllable DO in RREC to define the mode of the recloser of the circuit breaker	05/11/2021 10:08 AM
622	IEC 61850 User Feedback Task Force	Feature	18	RTE	Triage	Normal	IEC 61850-7-4	Parameters not available in standardized LN	11/08/2022 08:33 AM
623	IEC 61850 User Feedback Task Force	Feature	19	RTE	In Progress	Normal		New LN of group L (as "LPLE") representing a group of LED	03/02/2021 09:42 AM

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624	IEC 61850 User Feedback Task Force	Support	21	RTE	Triage	Normal	IEC 61850-6	Clarification of using of ValKind, VallImport.	11/08/2022 08:32 AM
625	IEC 61850 User Feedback Task Force	Improvement	22	RTE	Resolved	Normal	IEC 61850-7-4	LN RADR evolution	03/02/2021 09:49 AM
626	IEC 61850 User Feedback Task Force	Improvement	23	RTE	In Progress	Normal	IEC 61850-6	Extension of P-type to describe connexion type (PhysCon)	03/02/2021 09:51 AM
627	IEC 61850 User Feedback Task Force	Feature	29	RTE	Resolved	Normal	IEC 61850-7-4	Activation and deactivation of a function by configuration.	03/02/2021 09:53 AM
629	IEC 61850 User Feedback Task Force	Improvement	35	RTE	Resolved	Normal	IEC TR 61850-90-29	TCTR and TVTR new DO to identify physical terminal allocation in the IED	07/05/2022 08:15 AM
630	IEC 61850 User Feedback Task Force	Improvement	43	RTE	Resolved	Normal	IEC 61850-7-5/7-500	XCBR LN new DO to describe withdrawable circuit breaker	02/09/2022 08:05 AM
631	IEC 61850 User Feedback Task Force	Feature	44	RTE	Triage	Normal		Evolution of LN PSCH to build switching on information	08/17/2021 08:03 AM
632	IEC 61850 User Feedback Task Force	Support	8	H30	In Progress	High	IEC 61850-9-2, IEC 61869-9	APPID 0x4000 - Sampled Values	06/16/2021 09:42 AM
633	IEC 61850 User Feedback Task Force	Improvement	1	ZIV	In Progress	Normal	IEC 61850-7-2	Initial values of paramRev and valRev	04/13/2021 09:50 AM
636	Client	Issues			Resolved	High		Mandate RCB reservation for Ed2.0 client and Amd1 server	04/20/2021 02:23 PM
647	IEC 61850 User Feedback Task Force	Support	57	ENTSO-E	Resolved	Normal	IEC 61850-7-5, IEC61850-7-500	Single phase and multi phase trip indication for the autorecloser	04/13/2021 09:42 AM
651	Server	Issues			In Progress	Low		Verify subscriber can accept maximum size GOOSE	10/04/2022 09:02 AM
652	Server	Issues			Resolved	Normal		Publisher can use maximum number of dataset elements	11/01/2022 09:04 AM
653	Server	Issues			In Progress	Low		Subscriber can use maximum number of dataset elements	08/09/2022 08:34 AM
654	Server	Issues			In Progress	Low		Publish/subscribe minimum length data GOOSE	08/09/2022 08:35 AM
656	Server	Issues			In Progress	Low		Publish/subscribe enum with value > 127	10/17/2022 09:48 AM
657	Server	Issues			In Progress	Low		Publish/subscribe enum with negative value	08/09/2022 08:38 AM
658	Client	Issues			Resolved	Normal		Verify Client does process a report before RptEna write respond+	06/01/2021 08:23 AM
660	IEC 61850 User Feedback Task Force	Support	1	WG10	In Progress	Normal		IED model documentation	06/16/2021 09:32 AM
667	IEC 61850 User Feedback Task Force	Improvement	4	WG10	Resolved	Normal	IEC 61850-7-4	Report of current active setting group	06/30/2021 06:56 AM
672	IEC 61850 User Feedback Task Force	Improvement	46	RTE	Resolved	Normal	IEC 61850-90-4	Create DO indicating the source of synchronisation	06/16/2022 03:51 PM

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673	IEC 61850 User Feedback Task Force	Improvement	47	RTE	Resolved	Normal		CPU monitoring	09/29/2021 03:50 AM
675	IEC 61850 User Feedback Task Force	Support	48	RTE	Resolved	Normal	IEC 61850-7-4 Ed2.1	Clarification of blocked mode	09/29/2021 03:50 AM
676	IEC 61850 User Feedback Task Force	Support	49	RTE	Resolved	Normal	IEC 61850-7-5	Clarification of addCause	06/14/2022 10:44 AM
677	IEC 61850 User Feedback Task Force	Feature	50	RTE	In Progress	Normal	IEC 61850-7-4	Impact of IEC 61869-13 (SAMU)	06/21/2022 02:04 AM
724	Gateway Certificates	OpenFMB Gateway			Approved	Normal		OES Gateway	08/20/2021 01:13 PM
748	Server	Issues			Resolved	Normal		sGos9 use SPS when INS subscribe is not supported	07/27/2021 10:07 AM
749	CIM Joint Issues	CIM Issues			New	Normal		There are a variety of issues with RegulatingControl. These include the following and must be addressed in CIM18	07/06/2021 10:25 AM
757	WG14 Issues	CIM Issues			New	Normal		test	08/11/2021 11:29 AM
1866	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CP-MUP [ABB Switzerland Ltd.]	06/13/2022 03:24 PM
1867	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siemens SICAM PAS [Siemens AG]	07/08/2021 04:13 PM
1868	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Telvent subCAT [Telvent Energia, S.A.]	07/09/2021 09:16 AM
1869	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SAMCAS [U2S Co., Ltd]	07/08/2021 04:13 PM
1870	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		TOPAS-SA [LSIS Co., Ltd.]	07/08/2021 04:13 PM
1871	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SCD5200 [Invensys Operations Management]	07/08/2021 04:13 PM
1872	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		COPA-DATA IEC850 [Ing. Punzenberger COPA-DATA GmbH]	07/08/2021 04:13 PM
1873	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		EuroGateway [Protecta Electronics Co. Ltd.]	07/08/2021 04:13 PM
1874	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		DW-SPIN [Daewoong Electric Co. Ltd.]	07/10/2021 08:19 PM
1875	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		wPD [WOODAM TECH CO., LTD.]	07/08/2021 04:13 PM
1876	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		IDS ACOS750 [IDS GmbH]	07/08/2021 04:13 PM
1877	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		STCE/RTU [Selta S.p.A]	07/08/2021 04:13 PM
1878	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CCU 1000 Central Control Unit [GE Digital Energy]	07/08/2021 04:13 PM
1879	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		KDN-STAS [KEPCO-KDN]	07/08/2021 04:13 PM
1880	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YOUHO [YOUHO ELECTRIC IND. CO., LTD.]	07/08/2021 04:13 PM
1881	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Broderson RTU32 [Brodersen A/S]	07/08/2021 04:13 PM
1882	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YSSA-Gateway [YOUSUNG Instrument & Electric Co., Ltd.]	07/08/2021 04:13 PM
1883	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VITZROSYS 61850 Smart Module [VITZRO SYS.]	07/08/2021 04:13 PM

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1884	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SCD5200 [Invensys Operations Management]	07/08/2021 04:13 PM
1885	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SMP 16 / CP-PM [Cooper Power Systems]	07/08/2021 04:13 PM
1886	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-2241 Axion RTAC [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:13 PM
1887	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-3530 RTAC [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:13 PM
1888	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-3530-4 RTAC [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:13 PM
1889	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YSSA-Gateway [YOUSUNG Instrument & Electric Co., Ltd.]	07/08/2021 04:13 PM
1890	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Elipse Power [Elipse Software, Ltda]	07/08/2021 04:13 PM
1891	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SICAM 230 [Siemens AG]	07/08/2021 04:14 PM
1892	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PowerScene [AnyGate Corp.]	07/08/2021 04:14 PM
1893	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YPP Partnersys [YPP Corporation]	07/08/2021 04:14 PM
1894	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		HiPAS HMI [Hyundai Heavy Industries Co., Ltd.]	07/08/2021 04:14 PM
1895	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MicroSCADA Pro [ABB OY]	07/08/2021 04:14 PM
1896	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CimWay for PcVue [ARC Informatique]	07/08/2021 04:14 PM
1897	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Survalent Advanced Automation [Survalent Technology Corporation]	07/08/2021 04:14 PM
1898	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		sgs commshub [Smarter Grid Solutions]	07/08/2021 04:14 PM
1899	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		DOWOO [Dowoo Digitech]	07/08/2021 04:14 PM
1900	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SICAM CMIC [Siemens AG]	07/08/2021 04:14 PM
1901	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Argos [ENTEC Electric & Electronic Co., LTD.]	07/08/2021 04:14 PM
1902	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PCS-9700 SCADA/HMI Workstation [NR Electric Co., Ltd.]	07/08/2021 04:14 PM
1903	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SDE-SA [SEONDO ELECTRIC CO., LTD.]	07/08/2021 04:14 PM
1904	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		FW-50 [SAE IT-systems GmbH & Co. KG]	07/08/2021 04:17 PM
1905	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PROZA NET [KONCAR INZENJERING ZA]	07/08/2021 04:18 PM
1906	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		HyCon Controller [Voith Hydro Holding GmbH & Co. KG]	07/08/2021 04:18 PM
1907	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ME-RTU [INEA d.o.o.]	07/08/2021 04:18 PM
1908	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Foxboro Evo SCD6000 [Invensys Systems, Inc.]	07/08/2021 04:18 PM
1909	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMU6-100C [Hanbit EDS Co., Ltd.]	07/08/2021 04:18 PM

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1910	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CGV24C Over/Under Voltage_NDR [M/s Crompton Greaves Limited]	07/08/2021 04:18 PM
1911	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CG114C Over Current Protection [M/s Crompton Greaves Limited]	07/08/2021 04:18 PM
1912	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Transformer Protection Relay-T [M/s. Easun Reyrolle Ltd. (ERLPhase)]	07/08/2021 04:18 PM
1913	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P145 Feeder Mgmt [Areva T&D]	07/08/2021 04:18 PM
1914	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P442/P444 Distance [Areva T&D]	07/08/2021 04:18 PM
1915	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P443 Fast Multifun [Areva T&D]	07/08/2021 04:18 PM
1916	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P634 Transformator-Diffe [Areva T&D]	07/09/2021 09:15 AM
1917	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P132 Feeder Management [Areva T&D]	07/09/2021 09:15 AM
1918	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P437 Distance Protection [Areva T&D]	07/09/2021 09:15 AM
1919	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRT100 Transformer Protection [TOSHIBA Corporation]	07/08/2021 04:18 PM
1920	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ECI 850 Sepam Server [Schneider Electric]	07/09/2021 09:31 AM
1921	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4/7SD5 Diff Prot [Siemens A.G., PTD EA]	07/08/2021 04:18 PM
1922	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SICAM PAS/PQS [Siemens AG]	07/11/2021 10:02 AM
1923	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4/6MD63 Med Voltage [Siemens A.G., PTD EA]	07/08/2021 04:18 PM
1924	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4/6MD66 High Voltage [Siemens A.G., PTD EA]	07/08/2021 04:18 PM
1925	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4/6MD61 I/O Box [Siemens A.G., PTD EA]	07/08/2021 04:18 PM
1926	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P345 [Areva T&D]	07/08/2021 04:18 PM
1927	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P741 Numerical Bus [Areva T&D]	07/08/2021 04:18 PM
1928	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P743 Numerical Bus [Areva T&D]	07/08/2021 04:18 PM
1929	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GBU100 Bay Control Unit [TOSHIBA Corporation]	07/08/2021 04:18 PM
1930	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REF542plus Feeder Terminal [ABB Oy]	07/08/2021 04:18 PM
1931	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Protec-LN [Bharat Heavy Electricals Ltd.]	07/08/2021 04:18 PM
1932	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		TCP-IH [INGETEA T&D, S.A.]	07/08/2021 04:18 PM
1933	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		iBC 5000 (Elitel 5/5000) [ELIOP S.A.]	07/08/2021 04:19 PM
1934	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REF615 Feeder Protection Relay [ABB Oy]	07/08/2021 04:19 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
1935	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4/7VK6 Breaker Manag [Siemens A.G., PTD EA]	07/08/2021 04:19 PM
1936	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CSC-101 Numerical Transmission [Beijing Sifang Automation Co., Ltd.]	07/08/2021 04:19 PM
1937	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CSC-150 Numerical Busbar Prote [Beijing Sifang Automation Co., Ltd.]	07/08/2021 04:19 PM
1938	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CSC-161 Numerical Transmission [Beijing Sifang Automation Co., Ltd.]	07/08/2021 04:19 PM
1939	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CSC-211 Numerical Protection [Beijing Sifang Automation Co., Ltd.]	07/08/2021 04:19 PM
1940	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CSC-326 Numerical Transformer [Beijing Sifang Automation Co., Ltd.]	07/08/2021 04:19 PM
1941	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CSI-200EA Numerical Measuring [Beijing Sifang Automation Co., Ltd.]	07/08/2021 04:19 PM
1942	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		F6150 Power System Simulator [DOBLE Engineering Company]	07/08/2021 04:19 PM
1943	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		TPU-1 Tele protection unit [DIMAT, S.A.]	07/08/2021 04:19 PM
1944	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		#IDV-A [ZIV GRID Automation S.L.]	07/08/2021 04:19 PM
1945	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		#MCV-A [ZIV GRID Automation S.L.]	07/08/2021 04:19 PM
1946	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		#ZLV-B [ZIV GRID Automation S.L.]	07/08/2021 04:19 PM
1947	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		#RTV-D [ZIV GRID Automation S.L.]	07/08/2021 04:19 PM
1948	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		G11F4 [TOSHIBA Corporation]	07/08/2021 04:19 PM
1949	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRL100 [TOSHIBA Corporation]	07/08/2021 04:19 PM
1950	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		HIPDS Hyundai Intelligent Prev [Hyundai Heavy Industries Co., Ltd.]	07/08/2021 04:19 PM
1951	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		HIMAP-BCS Hyundai Intelligent [Hyundai Heavy Industries Co., Ltd.]	07/08/2021 04:19 PM
1952	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		D25 Multifunctional IED [GE Energy]	07/08/2021 04:19 PM
1953	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		UAC 420 Automation and Control [EFACEC]	07/08/2021 04:19 PM
1954	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		EUROPROT Superset Device [Protecta Electronics Co. Ltd.]	07/08/2021 04:19 PM
1955	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-710 Motor Protection Relay [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:19 PM
1956	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REF 545 w/SPA-ZC 400 [ABB Oy]	07/08/2021 04:19 PM
1957	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REM 545 w/SPA-ZC 400 [ABB Oy]	07/08/2021 04:19 PM
1958	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		RET 545 w/SPA-ZC 400 [ABB Oy]	07/08/2021 04:20 PM
1959	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Prolan ProField IED [Prolan Process Control Co.]	07/30/2021 12:29 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
1960	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		RCS-931 Line Differential [NARI-RELAYS]	07/08/2021 04:20 PM
1961	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		RCS-9611C [NARI-RELAYS]	07/08/2021 04:20 PM
1962	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		TM1703 ACP [Siemens AG Osterreich]	07/10/2021 08:23 PM
1963	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		AK1703 ACP [Siemens AG Osterreich]	07/10/2021 08:27 PM
1964	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		BC1703 ACP [Siemens AG Osterreich]	07/08/2021 04:20 PM
1965	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Telvent SubCAT [Telvent Energia, S.A.]	07/09/2021 09:16 AM
1966	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P841 [Areva T&D]	07/08/2021 04:20 PM
1967	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		DF 1725IED [Yantai DongFang Electronics Information]	07/08/2021 04:20 PM
1968	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		IED 670 1.1r10 [ABB AB]	07/08/2021 04:20 PM
1969	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P746 [Areva T&D]	07/08/2021 04:20 PM
1970	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P645 [Areva T&D]	07/08/2021 04:20 PM
1971	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MR4010E Bay Control and Monito [Mitsubishi Electric Corporation]	07/08/2021 04:20 PM
1972	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		T-LU Local Unit for Transforme [HYOSUNG Corporation]	07/08/2021 04:20 PM
1973	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		BCU-100 Bay Controller for HV [HYOSUNG Corporation]	07/08/2021 04:20 PM
1974	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GCU-2000 Bay Controller for MV [HYOSUNG Corporation]	07/08/2021 04:20 PM
1975	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		AREVA P632 [Areva T&D]	07/09/2021 09:15 AM
1976	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		AREVA MiCOM P143 [Areva T&D UK Ltd.]	07/08/2021 04:20 PM
1977	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		AREVA MiCOM P141 [Areva T&D UK Ltd.]	07/08/2021 04:20 PM
1978	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		FeederVision FVD [P&B Engineering]	07/08/2021 04:20 PM
1979	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VAMP 257 Feeder Manager [VAMP Ltd.]	07/09/2021 09:17 AM
1980	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		AREVA MS 3000 Monitoring Syste [AREVA Energietechnik GmbH]	07/08/2021 04:20 PM
1981	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		IED 650 [ABB AB]	07/08/2021 04:20 PM
1982	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		BCU 500 [EFACEC]	07/08/2021 04:20 PM
1983	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		TPU S420 [EFACEC]	07/08/2021 04:20 PM
1984	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SINEAX CAM [Camille Bauer Metrawatt AG]	07/08/2021 04:20 PM
1985	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SJ80 Overcurrent [Siemens A.G., PTD EA]	07/08/2021 04:21 PM
1986	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SK80 Motor Protec [Siemens A.G., PTD EA]	07/08/2021 04:21 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
1987	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7UT612 Differential [Siemens A.G., PTD EA]	07/08/2021 04:21 PM
1988	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7UT68 Differential [Siemens A.G., PTD EA]	07/08/2021 04:21 PM
1989	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		UDC-501 [SHR Automation]	07/08/2021 04:21 PM
1990	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		UDM-502 [SHR Automation]	07/08/2021 04:21 PM
1991	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		UDW-501 [Sieyuan Electric]	07/08/2021 04:21 PM
1992	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		IED 630 [ABB Oy]	07/08/2021 04:21 PM
1993	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PST1200U [Guo Dian Nanjing Automation Co., Ltd.]	07/08/2021 04:21 PM
1994	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MotorVision MVD [P&B Engineering]	07/08/2021 04:21 PM
1995	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		NS3500 UHV Measuring and Contr [NARI Group Corporation]	07/08/2021 04:21 PM
1996	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		NS3600 Protection, Supervisory [NARI Group Corporation]	07/08/2021 04:21 PM
1997	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		NZD7 Protection and Measuring [Nanjing Sino-German Protection & Substation Control Systems Ltd.]	07/08/2021 04:21 PM
1998	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		NZD68 Bay Control Unit [Nanjing Sino-German Protection & Substation Control Systems Ltd.]	07/08/2021 04:21 PM
1999	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REF615 [ABB Oy]	07/08/2021 04:21 PM
2000	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		D25 Multifunction IED Gen 4 [GE Energy]	07/08/2021 04:21 PM
2001	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		X GIPAM Multifunctional Protec [LS Industrial Systems Co., Ltd.]	07/08/2021 04:21 PM
2002	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Sepam series 80 [Schneider Electric]	07/09/2021 09:31 AM
2003	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Sepam series 40 [Schneider Electric]	07/09/2021 09:31 AM
2004	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ViPAM5000 [VITZROTECH Co., Ltd.]	07/08/2021 04:21 PM
2005	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GTNET-GSE [RTDS Technologies Inc.]	07/08/2021 04:21 PM
2006	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRD140 [TOSHIBA Corporation]	07/08/2021 04:21 PM
2007	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRB100 [TOSHIBA Corporation]	07/08/2021 04:21 PM
2008	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PCT210 IEC-MMS-GOOSE [Advanced Control Systems]	07/08/2021 04:21 PM
2009	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		WISCOM iPACS-5911 UHV Trans [Wiscom System Co., Ltd.]	07/08/2021 04:21 PM
2010	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REC670 [ABB AB]	07/08/2021 04:21 PM
2011	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Callisto (nx) Base Unit [Remsdaq Ltd.]	07/08/2021 04:22 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2012	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SPRECON-E-P94-DD6 [Sprecher Automation GmbH]	07/08/2021 04:22 PM
2013	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PCS-902 [NR Electric Co., Ltd.]	07/08/2021 04:22 PM
2014	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Current Diff Relays MCD-HA [Mitsubishi Electric Corporation]	07/08/2021 04:22 PM
2015	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Distance Relay MDT-HA [Mitsubishi Electric Corporation]	07/08/2021 04:22 PM
2016	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YSDPI9800 Multifunction Prot. [YOUSUNG Instrument & Electric Co., Ltd.]	07/08/2021 04:22 PM
2017	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRB150 [TOSHIBA Corporation]	07/08/2021 04:22 PM
2018	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRD130 [TOSHIBA Corporation]	07/08/2021 04:22 PM
2019	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRD110 [TOSHIBA Corporation]	07/08/2021 04:22 PM
2020	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ZIV DBN [ZIV GRID Automation S.L.]	07/08/2021 04:22 PM
2021	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		AC 800M CI868 [ABB Automation GmbH]	07/08/2021 04:22 PM
2022	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PCS-931 Line Diff Relay [NR Electric Co., Ltd.]	07/08/2021 04:22 PM
2023	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ION7650 meter [Schneider Electric]	07/09/2021 09:31 AM
2024	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		BE1-11 [Basler Electric]	07/08/2021 04:22 PM
2025	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ViPAM7000 [VITZROTECH Co., Ltd.]	07/08/2021 04:22 PM
2026	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Kipro-T [KEPCO KDN Co., Ltd.]	07/08/2021 04:22 PM
2027	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Kipro-F [KEPCO KDN Co., Ltd.]	07/08/2021 04:22 PM
2028	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SPRECON-E-C Control Unit [Sprecher Automation GmbH]	07/08/2021 04:22 PM
2029	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PACiS GTW [Schneider Electric]	07/09/2021 09:31 AM
2030	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		RightWON System [Vizimax Inc.]	07/08/2021 04:22 PM
2031	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		BHEL-MU Merging Unit [Bharat Heavy Electricals Ltd.]	07/08/2021 04:22 PM
2032	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-751A Feeder Prot. Relay [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:22 PM
2033	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		WebCAN Substation Control [SystemCORP Embedded Technology Pty Ltd.]	07/08/2021 04:22 PM
2034	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MBP-H3SA [Mitsubishi Electric Corporation]	07/08/2021 04:22 PM
2035	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MFR-H1SA [Mitsubishi Electric Corporation]	07/08/2021 04:22 PM
2036	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MRD-HA [Mitsubishi Electric Corporation]	07/08/2021 04:22 PM
2037	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ALSTOM GRID MiCOM P145 [ALSTOM GRID UK Ltd.]	07/08/2021 04:23 PM
2038	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Hyosung NeoProPAC-TPU [Hyosung]	07/08/2021 04:23 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2039	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Hyosung NeoProPAC-GBC [Hyosung]	07/08/2021 04:23 PM
2040	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Hyosung NeoProPAC-TBU [Hyosung]	07/08/2021 04:23 PM
2041	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-387E Current Differential [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2042	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-751 Feeder Protection Relays [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2043	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-710 Motor Protection Relay [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2044	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PQI-D Power Quality Interface [A. Eberle GmbH & Co. KG]	07/08/2021 04:23 PM
2045	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MCA4 Protection and Control [Woodward Kempen GmbH]	07/08/2021 04:23 PM
2046	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-787 Transformer Protection [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2047	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ION8650 meter [Schneider Electric]	07/09/2021 09:31 AM
2048	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		NEO 3000 FPC 680 [Iskra Sistemi, d.d.]	07/08/2021 04:23 PM
2049	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SLP-K120 [SANION Co., Ltd.]	07/08/2021 04:23 PM
2050	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-2411 Programmable Auto. [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2051	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-487E Transformer Prot. [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2052	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-311L Line Current Differen [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2053	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-351S Protection System [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2054	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-451-5 Protection, Automati [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2055	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-351A Protection System [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2056	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-311C Transmission Prot. [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2057	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-700G Generator Protection [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2058	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-487B Bus Differential [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:23 PM
2059	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		IPCOMM ipConv Gateway [IPCOMM GmbH]	07/08/2021 04:23 PM
2060	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		RTU560 [ABB AG]	07/08/2021 04:23 PM
2061	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GBPAS [GABO CO., LTD.]	07/08/2021 04:23 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2062	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PROZA NET [Koncar - Power Plant and Electric]	07/11/2021 10:02 AM
2063	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		zenon Supervisor/Energy Ed. [Ing. Punzenberger COPA-DATA GmbH]	07/11/2021 10:03 AM
2064	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Emax2 w/Ekip -air circuit brea [ABB SACE Division]	07/08/2021 04:24 PM
2065	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PAC-XF100 Feeder Protection [PNC Technologies Co., Ltd.]	07/08/2021 04:24 PM
2066	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SLP-K120 T/L Protection IED [SANION Co., Ltd.]	07/08/2021 04:24 PM
2067	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P443 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2068	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Station Controller [Zenittek Co., LTD.]	07/08/2021 04:24 PM
2069	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SWCLS101 Server Simulator [Korea Electric Power Corporation]	07/08/2021 04:24 PM
2070	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		K-BP-154 Process Level [SANION Co., Ltd.]	07/08/2021 04:24 PM
2071	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		TRF300 Protection and Control [YPP Corporation]	07/08/2021 04:24 PM
2072	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		APM5000 Server [APM Technologies Inc.]	07/08/2021 04:24 PM
2073	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GIPAM-DL CPT Feeder Protection [LSIS Co., Ltd.]	07/08/2021 04:24 PM
2074	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GIPAM-DL PT Voltage Protection [LSIS Co., Ltd.]	07/08/2021 04:24 PM
2075	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		OWFarm WTE Off-Shore Wind Farm [Korea Electric Power Corporation]	07/08/2021 04:24 PM
2076	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PROMET-7000G [NEOPIS Co., Ltd.]	07/08/2021 04:24 PM
2077	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YOUHO GIB PDLU [YOUHO ELECTRIC IND. CO., LTD.]	07/08/2021 04:24 PM
2078	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VIPAM3500 Plus-FM [VITZROTECH Co., Ltd.]	07/08/2021 04:25 PM
2079	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		HiPDS-T [Hyundai Heavy Industries Co., Ltd.]	07/08/2021 04:25 PM
2080	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GIPAM-2000 [LSIS Co., Ltd.]	07/08/2021 04:25 PM
2081	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMU6-100 [Hanbit EDS Co., Ltd.]	07/08/2021 04:25 PM
2082	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		HB-PMS-V1 [Hanbit EDS Co., Ltd.]	07/08/2021 04:25 PM
2083	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		P40 AGILE (P14DZ) [ALSTOM Grid UK LTD]	08/04/2021 09:37 AM
2084	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P40 Agile P94VP [ALSTOM Grid UK LTD]	08/04/2021 09:37 AM
2085	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Modicon Quantum 140 [Schneider Automation SAS]	07/09/2021 09:31 AM
2086	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCom P145 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2087	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCom P241 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2088	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCom P242 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2089	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCom P243 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2090	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCom P341 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2091	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		BHEL-MU Merging Unit [Bharat Heavy Electricals Ltd.]	06/13/2022 03:23 PM
2092	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SAMU-IX [Interoptix Inc.]	06/13/2022 03:23 PM
2093	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMC850 Test Set [OMICRON Electronics GmbH]	06/13/2022 03:22 PM
2094	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PCS-221 Merging Unit [NR Electric Co., Ltd.]	06/13/2022 03:22 PM
2095	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMC256plus Test Set [OMICRON Electronics GmbH]	06/13/2022 03:21 PM
2096	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMC353 Test Set [OMICRON Electronics GmbH]	06/13/2022 03:21 PM
2097	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMC356 Test Set [OMICRON Electronics GmbH]	06/13/2022 03:20 PM
2098	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YSMU-121540 [YOUSUNG Instrument & Electric Co., Ltd.]	06/13/2022 03:20 PM
2099	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MU Agile AMU [ALSTOM Grid UK LTD]	06/13/2022 03:18 PM
2100	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SO-52v11-MUA [Mikronika]	06/13/2022 03:16 PM
2101	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRS-7395 Smart Terminal & MU [CYG SUNRI Co., Ltd.]	06/13/2022 03:15 PM
2102	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SIPROTEC 7SC805 Merging Unit [Siemens A.G., IC SG EA]	06/13/2022 03:14 PM
2103	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		DRTS 64 Relay Test Set [I.S.A. Istrumentazioni Sistemi Automatici S.r.l.]	06/13/2022 03:14 PM
2104	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SYMAP-Compact+ [Stucke Elektronik GmbH]	08/05/2021 12:14 PM
2105	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REC670 1.2.3.8 [ABB AB]	08/05/2021 12:14 PM
2106	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REC650 1.2 [ABB AB]	08/05/2021 12:14 PM
2107	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REF630 1.2 [ABB AB]	08/05/2021 12:14 PM
2108	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P439 [Areva T&D]	07/09/2021 09:15 AM
2109	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SD6 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2110	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SA522 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2111	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SA6 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2112	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SJ61 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2113	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SJ62 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2114	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SJ63 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2115	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SJ64 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2116	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SS52 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2117	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7UM62 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2118	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7UT613 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2119	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7UT633 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2120	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7UT635 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2121	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SETRON T 7KG966 [Siemens A.G., PTD EA]	07/08/2021 04:26 PM
2122	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PCS-9705 Bay Control Unit [NR Electric Co., Ltd.]	07/08/2021 04:26 PM
2123	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		FMR-R 850 [Microelettrica Scientifica S.p.A.]	07/08/2021 04:26 PM
2124	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		HiMAP-TCU [Hyundai Heavy Industries Co., Ltd.]	07/08/2021 04:26 PM
2125	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		HiMAP-GCU [Hyundai Heavy Industries Co., Ltd.]	07/08/2021 04:26 PM
2126	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		HiMAP-CCU [Hyundai Heavy Industries Co., Ltd.]	07/08/2021 04:26 PM
2127	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Encore 61000 [Dranetz]	07/08/2021 04:26 PM
2128	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MAB3 [Infoware ZRt.]	07/08/2021 04:26 PM
2129	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PROMET5300 [NEOPIS Co., Ltd.]	07/08/2021 04:26 PM
2130	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRON NA80 [Thytronic SpA]	07/08/2021 04:26 PM
2131	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-421 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:26 PM
2132	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VAMP50 [VAMP Ltd.]	07/09/2021 09:17 AM
2133	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VAMP210 [VAMP Ltd.]	07/09/2021 09:17 AM
2134	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VAMP257 [VAMP Ltd.]	07/09/2021 09:17 AM
2135	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-2440 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:27 PM
2136	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-411L [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:27 PM
2137	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ION8800 Meter [Schneider Electric]	07/09/2021 09:31 AM
2138	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Reyrolle 7SR210 [Siemens Protection Devices Limited]	07/08/2021 04:27 PM
2139	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Reyrolle 7SR220 [Siemens Protection Devices Limited]	07/08/2021 04:27 PM
2140	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SYMAP-Y [Stucke Elektronik GmbH]	07/08/2021 04:27 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2141	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REB650 [ABB AB]	07/08/2021 04:27 PM
2142	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MCD-HA Line Protection Relay [Mitsubishi Electric Corporation]	07/08/2021 04:27 PM
2143	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MBP-H1A [Mitsubishi Electric Corporation]	07/08/2021 04:27 PM
2144	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		INGEPAC EF [Ingeteam Power Technology, S.A.]	07/08/2021 04:27 PM
2145	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CSC-103 Line Protection IED [Beijing Sifang Automation Co., Ltd.]	07/08/2021 04:27 PM
2146	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CSC-121 [Beijing Sifang Automation Co., Ltd.]	07/08/2021 04:27 PM
2147	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SYMAP-BC [Stucke Elektronik GmbH]	07/08/2021 04:27 PM
2148	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VIPAM5000-KF PT [VITZROTECH Co., Ltd.]	07/08/2021 04:27 PM
2149	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VIPAM5000-KF V1 [VITZROTECH Co., Ltd.]	07/08/2021 04:27 PM
2150	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V5 7SL87 [Siemens A.G., IC SG EA]	07/08/2021 04:27 PM
2151	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		XGIPAM [LSIS Co., Ltd.]	07/08/2021 04:27 PM
2152	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YHFP500 Fire Preventive IED [YOUHO ELECTRIC IND. CO., LTD.]	07/08/2021 04:27 PM
2153	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V5 7VK87 [Siemens A.G., IC SG EA]	07/08/2021 04:27 PM
2154	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V5 6MD85 Bay Controll [Siemens A.G., IC SG EA]	07/08/2021 04:27 PM
2155	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V5 7SJ86 [Siemens A.G., IC SG EA]	07/08/2021 04:27 PM
2156	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRZ200 [Toshiba Corporation]	07/08/2021 04:27 PM
2157	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRL100 [Toshiba Corporation]	07/08/2021 04:27 PM
2158	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-351S Protection System [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:27 PM
2159	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P139 [Schneider Electric]	07/09/2021 09:31 AM
2160	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V5 7SD87 [Siemens A.G., IC SG EA]	07/08/2021 04:27 PM
2161	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V5 7SA86 [Siemens A.G., IC SG EA]	07/08/2021 04:27 PM
2162	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Alstom DCS 4.6 Gateway GTW [Alstom Grid Protection & Controle SAS]	07/08/2021 04:27 PM
2163	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-651R Recloser Control [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:27 PM
2164	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SD80 [Siemens A.G., IC SG EA]	07/08/2021 04:27 PM
2165	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7RW80 [Siemens A.G., IC SG EA]	07/08/2021 04:28 PM
2166	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-487V [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:28 PM
2167	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		P725B [RTK Instruments]	07/08/2021 04:28 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2168	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ADR 233B [Ashida Electronics Pvt. Ltd.]	07/08/2021 04:28 PM
2169	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GIPAM-DL [LS Industrial Systems]	07/08/2021 04:28 PM
2170	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GBU200 [Toshiba Corporation]	07/08/2021 04:28 PM
2171	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SUF-K110 [SANION Co., Ltd.]	07/08/2021 04:28 PM
2172	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SOC-K110 [SANION Co., Ltd.]	07/08/2021 04:28 PM
2173	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRON NA21 [Thytronic SpA]	07/08/2021 04:28 PM
2174	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRON NV021 [Thytronic SpA]	07/08/2021 04:28 PM
2175	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRON NV10P [Thytronic SpA]	07/08/2021 04:28 PM
2176	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRON NVA100 [Thytronic SpA]	07/08/2021 04:28 PM
2177	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRON NC20 [Thytronic SpA]	07/08/2021 04:28 PM
2178	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRON NT10 [Thytronic SpA]	07/08/2021 04:28 PM
2179	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P545 [ALSTOM Grid UK LTD]	07/08/2021 04:28 PM
2180	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YSDPI-9800 [YOUSUNG Instrument & Electric Co., Ltd.]	07/08/2021 04:28 PM
2181	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		YSVR-2110A [YOUSUNG Instrument & Electric Co., Ltd.]	07/08/2021 04:28 PM
2182	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SO-52v11 [Mikronika]	07/08/2021 04:28 PM
2183	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SO-55 [Mikronika]	07/08/2021 04:28 PM
2184	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SC80 [Siemens A.G., IC SG EA]	07/08/2021 04:28 PM
2185	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		RFI 401 D3 [RoCon PLC]	07/08/2021 04:28 PM
2186	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		7XV5673 SICAM I/O Unit [Siemens A.G., IC SG EA]	07/08/2021 04:28 PM
2187	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ETR500 [ENTEC Electric & Electronic Co., Ltd.]	07/08/2021 04:28 PM
2188	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRD200 [Toshiba Corporation]	07/08/2021 04:28 PM
2189	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRL100 [Toshiba Corporation]	07/08/2021 04:28 PM
2190	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Reyrolle 7SR24 [Siemens Protection Devices Limited]	07/08/2021 04:28 PM
2191	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Reyrolle 7SR224 [Siemens Protection Devices Limited]	07/08/2021 04:28 PM
2192	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Reyrolle 7SR23 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:28 PM
2193	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7ST61 [Siemens A.G., IC SG EA]	07/08/2021 04:28 PM
2194	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		7XV5674 SICAM AI Unit [Siemens A.G., IC SG EA]	07/08/2021 04:28 PM
2195	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		TEC Server [ABB AB PPTR/AT]	07/08/2021 04:28 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2196	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SICAM230 [Siemens AG]	07/08/2021 04:28 PM
2197	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SERnet [Ametek Power Instruments]	07/08/2021 04:28 PM
2198	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		STC-K110 [Sanion Co., Ltd.]	07/08/2021 04:28 PM
2199	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		STP-K110 [Sanion Co., Ltd.]	07/08/2021 04:28 PM
2200	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SYMAP-Compact+ [Stucke Elektronik GmbH]	07/08/2021 04:28 PM
2201	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMC 850 Test Set [OMICRON Electronics GmbH]	07/08/2021 04:29 PM
2202	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMC-256plus Test Set [OMICRON Electronics GmbH]	07/08/2021 04:29 PM
2203	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMC 353 Test Set [OMICRON Electronics GmbH]	07/08/2021 04:29 PM
2204	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		CMC 356 Test Set [OMICRON Electronics GmbH]	07/08/2021 04:29 PM
2205	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		TR-61850 [Ametek Power Instruments]	07/08/2021 04:29 PM
2206	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		UR N60 [GE Digital Energy]	07/08/2021 04:29 PM
2207	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-2411 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2208	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-451 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2209	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-487E [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2210	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-849 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2211	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOMho P443 [ALSTOM Grid UK LTD]	07/08/2021 04:29 PM
2212	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-311C [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2213	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRE140 [Toshiba Corporation]	07/08/2021 04:29 PM
2214	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRE110 [Toshiba Corporation]	07/08/2021 04:29 PM
2215	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REL 650 1.3.0.0 [ABB AB]	07/08/2021 04:29 PM
2216	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SCD5200 [Invensys Operations Management]	07/08/2021 04:29 PM
2217	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-421 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2218	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM C264 [Schneider Electric]	07/09/2021 09:31 AM
2219	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MDT-H1SA [Mitsubishi Electric Corporation]	07/08/2021 04:29 PM
2220	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MFP-H1SA [Mitsubishi Electric Corporation]	07/08/2021 04:29 PM
2221	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-735 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2222	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-3505 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2223	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-3530 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2224	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-2241 Axion RTAC [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2225	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		3530-4 RTAC [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2226	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MP3-3 L2 [3AO-MP3]	07/08/2021 04:29 PM
2227	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P746 [Schneider Electric]	07/09/2021 09:31 AM
2228	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-710-5 [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:29 PM
2229	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VAMP50 [Schneider Electric - Vamp Oy]	07/09/2021 09:31 AM
2230	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VAMP210 [Schneider Electric - Vamp Oy]	07/09/2021 09:31 AM
2231	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VAMP257 [Schneider Electric - Vamp Oy]	07/09/2021 09:31 AM
2232	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P241 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2233	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P242 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2234	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PCS-931 [NR Electric Co., Ltd.]	07/08/2021 04:29 PM
2235	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ME 4012 PA-N [Bilfinger Mauell GmbH]	07/08/2021 04:29 PM
2236	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P437 [Schneider Electric]	07/09/2021 09:31 AM
2237	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-487B [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:30 PM
2238	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P40 Agile P643 [ALSTOM Grid UK LTD]	07/08/2021 04:30 PM
2239	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRB200 [Toshiba Corporation]	07/08/2021 04:30 PM
2240	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRE130 [Toshiba Corporation]	07/08/2021 04:30 PM
2241	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GRT200 [Toshiba Corporation]	07/08/2021 04:30 PM
2242	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		P40 Agile P14DZ [ALSTOM Grid UK LTD]	07/08/2021 04:30 PM
2243	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		IRX [ZIV GRID Automation S.L.]	07/08/2021 04:30 PM
2244	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		T5500 RTU [GE Power Conversion]	07/08/2021 04:30 PM
2245	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		RIO600 [ABB Oy]	07/08/2021 04:30 PM
2246	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		C264 [Alstom Grid]	07/08/2021 04:30 PM
2247	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-411L [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:30 PM
2248	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		VAMP300 [Schneider Electric - Vamp Oy]	07/09/2021 09:31 AM
2249	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		REF615 [ABB Oy]	07/08/2021 04:30 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2250	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7SJ66 [Siemens A.G., IC SG EA]	07/08/2021 04:30 PM
2251	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		DS Agile GTW [Alstom Grid]	07/08/2021 04:30 PM
2252	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P40 Agile P341 [ALSTOM Grid UK LTD]	07/08/2021 04:30 PM
2253	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		UAP [SISCO, Inc.]	07/08/2021 04:30 PM
2254	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Station Controller for SIMATIC [Siemens AG]	07/08/2021 04:30 PM
2255	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		IRV [ZIV GRID Automation S.L.]	07/08/2021 04:30 PM
2256	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		TM8 [Serveron Corporation]	07/08/2021 04:31 PM
2257	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ACE-3600 Remote Terminal Unit [Motorola Solutions]	07/08/2021 04:31 PM
2258	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEL-651R Recloser Control [Schweitzer Engineering Laboratories, Inc.]	07/08/2021 04:31 PM
2259	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		P60 Agile P163 [ALSTOM Grid UK LTD]	07/08/2021 04:31 PM
2260	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P40 Agile P747 [ALSTOM Grid UK LTD]	07/08/2021 04:31 PM
2261	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SYMAP-Compact+ [Stucke Elektronik GmbH]	07/08/2021 04:31 PM
2262	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Alstom MiCOM P44T (80TE) [ALSTOM Grid UK LTD]	08/04/2021 09:37 AM
2263	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P545 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2264	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P741 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2265	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Areva MiCOM P743 [Areva T&D UK Ltd.]	08/04/2021 09:37 AM
2266	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Bitronics 70 Series M871 [ALSTOM Grid UK LTD]	08/04/2021 09:37 AM
2267	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SICAM P855 7KG855 [Siemens A.G., IC SG EA]	07/08/2021 04:31 PM
2268	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		T5502 RTU [GE Power Conversion]	07/08/2021 04:31 PM
2269	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SEPCOS [Secheron SA]	07/08/2021 04:31 PM
2270	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SMRT36 [Megger]	07/08/2021 04:31 PM
2271	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		ZLV-G [ZIV GRID Automation S.L.]	07/08/2021 04:31 PM
2272	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Sherpa R5000 [DF Nucleo]	07/08/2021 04:31 PM
2273	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		saTECH BCU 152 [SAC/ARTECHE]	07/08/2021 04:31 PM
2274	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		DM9300-TE [Secheron SA]	07/08/2021 04:31 PM
2275	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRS-7395 Smart Terminal & MU [CYG SUNRI Co., Ltd.]	07/08/2021 04:32 PM
2276	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		SMRT410 [Megger]	07/08/2021 04:32 PM
2277	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		PRS-7367-D [CYG SUNRI Co., Ltd.]	07/08/2021 04:32 PM

#	Project	Tracker	ID	Source	Status	Priority	Standard(s)	Subject	Updated
2278	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		BU 9000 [COL Giovanni Paolo SpA]	07/08/2021 04:32 PM
2279	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Shark 200 Multifunction Meter [Electro Industries/GaugeTech]	07/08/2021 04:32 PM
2280	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		MiCOM P40 Agile P747 [ALSTOM Grid UK LTD]	07/08/2021 04:32 PM
2281	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		GISWatch Proxy [Alstom Grid]	07/08/2021 04:32 PM
2282	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec 7SC805 Merging Unit [Siemens A.G., IC SG EA]	07/08/2021 04:32 PM
2283	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Brodersen RTU32 [Smarter Grid Solutions Ltd.]	07/08/2021 04:32 PM
2284	IEC 61850 Certificate	IEC 61850 Certificate			Approved	Normal		Siprotec V4 7VU683 [Siemens A.G., IC SG EA]	07/08/2021 04:32 PM

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