



REFERENCE LIST FOR SCADA SYSTEMS

POS	PROJECT	SCOPE & SHORT DESCRIPTION	# of RTU	# of SCADA Cont.Cent.
1	BATISÓKE CEMENT LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	Local SCADA System for 154 kV, 36 kV & 10 kV Substations with 1 Control Center & 3 RTUs Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line	1	1
2	AKBÛK WIND POWER PLANT CONNECTION TO TEIAS REGINAL CONTROL CENTER	Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line	1	1
3	MAZI III WIND POWER PLANT LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER & TOTAL F/O INFRASTRUCTURE (inc. OPGW)	Local SCADA System for 154 kV & 36 kV Substations with 1 Control Center & 12 RTUs (inc. Ring Automation System via RTUs) Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line	13	1
4	BAHCE WIND POWER PLANT LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER & TOTAL F/O INFRASTRUCTURE	Local SCADA System for 154 kV & 36 kV Substations with 1 Control Center & 2 RTUs Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line	3	1
5	TOSCELIK LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	Local SCADA System for 154 kV & 36 kV Substations with 1 Control Center & 2 RTUs Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line	3	1
6	YOLBULAN LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	Local SCADA System for 154 kV & 36 kV Substations with 1 Control Center & 2 RTUs Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line	3	1
7	BEDAS SCADA FOR COMPENSATION AUTOMATION	13 RTUs are in TEIAS locations to collect all necessary data & sent to 16 RTUs in BEDAS locations. Compensation Automation in 16 mini SCADA CC in BEDAS. Communication via ADSL & GPRS & F/O between all locations.	29	16
8	ZETES GAS POWER PLANT LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	Local SCADA System for 380 kV & 36 kV Substations with 1 Control Center & 2 RTUs Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line & OPGW	3	1
9	SOMA I-II WIND POWER PLANT LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER & TOTAL F/O INFRASTRUCTURE	Local SCADA System for 154 kV & 36 kV Substations with 1 Control Center & 2 RTUs Connection to the TEIAS Regional Control Center with 2 RTUs via OPGW & Leased Line (HF-PLC will be addapted)	4	1
10	BOREAS WIND POWER PLANT CONNECTION TO TEIAS REGINAL CONTROL CENTER	Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line & OPGW	1	



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11	AYEDAS SCADA FOR COMPENSATION AUTOMATION	30 RTUs in AYEDAS locations (substations) with Operator Control Panels for local control as local SCADA 1 Main SCADA Control Center with DMS Communication via ADSL & F/O	30	1
12	AYEDAS QUALITY RECORDING & ANALYZING SYSTEM	Quality Recording & Analyzing System with 1 Control Center & 65 Quality Recorders in 27 AYEDAŞ locations (substations) Communication via ADSL & F/O		
13	TCDD CATENERY PROTECTION SYSTEM	10 pcs. Catenary Protection Relays & connecting to the existing SCADA system		
14	ASO-1.OSB SCADA SYSTEM	MicroSCADA Control Center & 3 pcs. of RTUs in Substations Extension of existing AMR System with 65 pcs. of new Energy Counters	3	1
15	KARDEMİR SCADA SYSTEM	MicroSCADA Control Center & 5 pcs. of RTUs in Substations Load Shedding System, Wideo Wall System, CCTV System	5	1
16	TEMBELOVA OSB SCADA SYSTEM	MicroSCADA Control Center & 7 pcs. of RTUs in Substations Extension of existing AMR System with 65 pcs. of new Energy Counters	7	1
17	KARDEMİR IRON BILLET MASHINE SCADA SYSTEM	MicroSCADA Control Center & 1 pc. of RTU in Substations Wideo Wall System, CCTV System	1	
18	TIRENDA CONNECTION TO TEIAS REGINAL CONTROL CENTER	1 RTU for connection to the TEIAS Regional Control Center	1	
19	AKSU HES LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	MicroSCADA Control Center & 1 RTU for connection to the TEIAS Regional Control Center	1	
20	FIRAT PLASTIK LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	MicroSCADA Control Center & 5 RTU in Substations & TR- Stations 1 RTU for connection to the TEIAS Regional Control Center & all Communication Equipment for Main / Stand-By Chanals	5	1
21	MOSB GAS POWER PLANT CONNECTION TO TEIAS REGINAL CONTROL CENTER	Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line & OPGW	1	



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22	KIZILDERE JEOTERMAL POWER PLANT CONNECTION TO TEIAS REGINAL CONTROL CENTER	Connection to the TEIAS Regional Control Center with 2 RTU via HF-PLC Communication Line & Leased Line & OPGW	2	
23	BÜYÜKDÜZ HES CONNECTION TO TEIAS REGINAL CONTROL CENTER	Connection to the TEIAS Regional Control Center with 2 RTU via HF-PLC Communication Line & Leased Line & OPGW	2	
24	ECZACIBAŞI ESAN TM LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	Local SCADA System for 154 kV & 36 kV Substations with 1 Control Center & 2 RTUs Connection to the TEIAS Regional Control Center with 1 RTU via HF-PLC Communication Line & Leased Line	3	1
25	CAMEG-ALGERIA RTUs FOR LOCAL SCADA SYSTEM and NATIONAL CONTROL CENTER	107 RTUs for Local Substation SCADA and Remote National Control Center	107	
26	DOSAB TM LOCAL SCADA SYSTEM FOR TEIAS DOSAB TM & CONNECTION TO DOSAB SCADA SYSTEM	1 RTU with Lokal Control Center and communication to DOSAB SCADA Center	1	
27	DOSAB SERVICE & MAINTENENCE FOR SCADA SYSTEM	400 RTU with all enviremental equipment and Communication Network Equipment		
28	YALOVA MILITARY AIRPORT LOCAL SCADA SYSTEM FOR HV AND LV SWITCHYARD	MicroSCADA Control Center & 7 pcs. of RTUs in Substations	7	1
29	ASIMKIBAR OSB LOCAL SCADA SYSTEM	PRINS SCADA Control Center & 5 pcs. of RTUs in Substations and AMR System for Electricity, Water and Natural Gas	5	1
30	ASIMKIBAR OSB SEWAGE TREATMENT PLANT SCADA SYSTEM	PRINS SCADA Control Center & 2 pcs. of PLCs in Process Units	2	1
31	SOLAR POWER PLANT SCADA SYSTEM LOCAL SCADA SYSTEM & CONNECTION TO REGIONAL DISCO (EDAŞ)	61 pcs. 0,2 - 1 MW Solar Power Plant SCADA System in Tukey	35	
32	BORUSAN ENBW ENERGY PRODUCTION A.Ş. CENTRAL SCADA SYSTEM FOR ALL OWN ENERGY POWER PLANTS	7 pcs. WPP (RES) + 2 pcs. SPP (GES) + 1 pc. HPP (HES)	12	



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33	SOMA TES LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	MicroSCADA Control Center & 1 RTU for connection to the TEIAS Regional Control Center	1	1
34	ANAGOLD TM LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	1 RTU for connection to the TEIAS Regional Control Center	1	
35	KIGI TM LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	1 RTU for connection to the TEIAS Regional Control Center	1	
36	KIZILDERE JES TM LOCAL SCADA SYSTEM & CONNECTION TO TEIAS REGINAL CONTROL CENTER	1 RTU for connection to the TEIAS Regional Control Center	1	
37	MUS AIRPORT LOCAL SCADA SYSTEM FOR HV AND LV SWITCHYARD	MicroSCADA Control Center & 1 RTU for MV Switchyard	1	1
38	KAHRAMANMARAS AIRPORT LOCAL SCADA SYSTEM FOR HV AND LV SWITCHYARD	MicroSCADA Control Center & 2 RTUs for MV Switchyard	2	1
39	ASTOR TRANSFORMER FACTORY AUTOMATION AND SCADA SYSTEM FOR HV LABORATORY SWITCHYARD	SCADA Control Center and Site PLC's for Laboratory Control System	2	1
40	GE TRANSFORMER FACTORY AUTOMATION AND SCADA SYSTEM FOR HV LABORATORY SWITCHYARD	SCADA Control Center and Site PLC's for Laboratory Control System	2	1
41	TEBESSA CC-ALGERIA RTU FOR LOCAL SCADA SYSTEM and NATIONAL CONTROL CENTER	1 set of RTU for Local Substation SCADA and Remote National Control Center	1	

TOTAL	303	38
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