

REFERENCE LIST

CCE

Abbreviations:

S.S. - Substation
 T.P.P. - Thermal power plant
 G.P.P. - Geothermal power plant
 H.P.P. - Hydro power plant

The reference list is updated annually and includes major assignments only. End users are defined as last instance where the individual reference can be traced and verified. Therefore they do not necessarily coincide with owner of the plant in question.

Site	Country	Year	Main Contractor	End User	Description
S.S.. AL KHAZNA 220/33 kV	Abu Dhabi	2003	Alstom T&D France	ADWEA Abu Dhabi	Commissioning of the protection system
66 kV Transmission Development 1997-2001	Bahrain	2003	Alstom T&D France	MEW Bahrain	Commissioning of the protection system
Development project in Chad and Cameroon 5 S.S. 66/33 kV	Chad	2003	Alstom T&D France	ESSO USA	Commissioning of the protection systems and preparation of remote control system
S.S./T.P.P. QATIF PROJECT 115/13.8 KV	Saudi Arabia	2003	Alstom T&D France	Alstom T&D France	Design and delivery of automatic synchronizing system
S.S. KATAMPE 330/132/33 kV	Nigeria	2003	EnergO - Nigeria	N.E.P.A Nigeria	Delivery of line differential protection for 132 KV cable, optical infrastructure, OPGW & Fibber Optic cable
S.S. CENTRAL AREA 132/33 kV	Nigeria	2003	EnergO - Nigeria	N.E.P.A Nigeria	Delivery of line differential protection for 132 KV cable, optical infrastructure, OPGW & Fibber Optic cable
TALUM d.d. 3 S.S.20/0.4 kV	Slovenia	2003	TALUM D.D. Slovenia	TALUM d.d. Slovenia	Implementation into control system
TALUM d.d. 3 S.S.20/0.4 kV	Slovenia	2003	TALUM D.D. Slovenia	TALUM d.d. Slovenia	Configuration, setting and commissioning of protection system
S.S. AÇAILANDIA 500 kV	Brazil	2003	ABB Utilities AB Sweden	E.A.T.E. S.A. Brazil	Commissioning of the protection and control system

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S.S. MARABA 500 kV	Brazil	2003	ABB Utilities AB Sweden	E.A.T.E. S.A. Brazil	Commissioning of the protection and control system
S.S. IMPERATRIZ 500 kV	Brazil	2003	ABB Utilities AB Sweden	E.A.T.E. S.A. Brazil	Commissioning of the protection and control system
S.S./T.P.P. Brestanica 2x114 MW turbogas	Slovenia	2003	TE Brestanica Slovenia	TE Brestanica Slovenia	Implementation of numerical protection terminal into the control system
S.S./T.P.P. Brestanica 2x114 MW turbogas	Slovenia	2003	KORONA Power Engineering Slovenia	TE Brestanica Slovenia	Supervising on implementation of 110kV switchyard control system into the central control system
S.S. Plave 110/20 kV	Slovenia	2003	MERKUR d.d. Slovenia	Elektro Primorska Slovenia	Design of energy metering system
S.S. Koper 110/20 kV	Slovenia	2003	MERKUR d.d. Slovenia	Elektro Primorska Slovenia	Design of energy metering system
S.S. VLASENICA 110/10 kV S.S.	Serb Republic Bosnia and Herzegovina	2003	Elektro Prenos Banja Luka	Elektro Prenos Banja Luka RS - BIH	Extension of control centre (MicroSCADA(AB B))
S.S. PRIJEDOR 5 110/10 kV S.S.	Serb Republic Bosnia and Herzegovina	2003	Elektro Prenos Banja Luka	Elektro Prenos Banja Luka RS - BIH	Extension of control centre (MicroSCADA(AB B))
S.S. UKRINA 110/10 kV S.S.	Serb Republic Bosnia and Herzegovina	2003	Elektro Prenos Banja Luka	Elektro Prenos Banja Luka RS - BIH	Extension of control centre (MicroSCADA(AB B))
S.S. BANJA LUKA 1 110/10 kV S.S.	Serb Republic Bosnia and Herzegovina	2003	Elektro Prenos Banja Luka	Elektro Prenos Banja Luka RS - BIH	Extension of control centre (MicroSCADA(AB B))
SONELGAZ/#4 S.S. 220/30 kV BEL HIRANE	Algeria	2003	ABB Energy Automation SPA Italy	SONELGAZ Algeria	Commissioning of the protection system

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SONELGAZ/#4 S.S. 220/30 kV BEL HIRANE	Algeria	2003	ABB Energy Automation SPA Italy	SONELGAZ Algeria	Commissioning of the control system
Reactive energy compensation S.S.10 kV IMPOL	Slovenia	2003	ELIM d.o.o. Slovenia	IMPOL d.d. Slovenia	Design of protection system and PF regulation
Reactive power compensation S.S.10 kV IMPOL	Slovenia	2003	ABB SI Slovenia	IMPOL d.d. Slovenia	Configuration, setting and parameterization of protection and reactive power regulation systems
EDELCA/CARUACHI 1 S.S. 400kV	Venezuela	2003	ABB Switchgear Sweden	EDELCA Venezuela	Commissioning of the protection system
EDELCA/CARUACHI 1 S.S. 400kV	Venezuela	2003	ABB Switchgear Sweden	EDELCA Venezuela	Commissioning of centralized disturbance recording systems
T.P.P. JEBEL ALI DEWA	Dubai	2003	ABB Energy Automation SPA / ANSALDO ENERGY Italy	DEWA Dubai	Training course for generator protection system for end user staff