

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. 220/22 kV AIT BAHA	Morocco	2009	ABB Energy Automation S.p.A. Italy	CIMAR Morocco	Configuration, setting and testing of the control and protection systems
S.S. 220/22 kV AIT BAHA	Morocco	2009	ABB Energy Automation S.p.A. Italy	CIMAR Morocco	Commissioning of the control and protection systems
TALUM d.d. S.S. 110/10 kV	Slovenia	2009	TALUM d.d. Slovenia	TALUM d.d. Slovenia	Overhaul testing of the transformer protection systems for TR1 and TR2
IMPOL d.o.o. 10 kV REACTIVE POWER COMPENSATION	Slovenia	2009	ELIM d.d. Slovenia	IMPOL d.d. Slovenia	Overhaul testing of the power factor regulator
WPP CAPTAIN - OFF SHORE	United Kingdom	2009	ABB Limited United Kingdom	CHEVRON United Kingdom	Commissioning of communication converter SPA/MODBUS
QATAR, PHASE VII 3 S.S. 400/220/66/11 kV	Qatar	2009	ABB AG Germany	AL KAHRA MAA Qatar	Commissioning of protection and SCS systems
S.S. AIN DJASSER SWITCHYARD 220KV	Algeria	2009	ABB Energy Automation S.p.A. Italy	SONELGAZ Algeria	Commissioning of the protection system and SCS
S.S. 220/60kV ARBAA	Algeria	2009	ABB Energy Automation S.p.A. Italy	SONELGAZ Algeria	Commissioning of the extended protection system and SCS
S.S. 60/5 kV HASSI R'MEL	Algeria	2009	ABB Energy Automation S.p.A. Italy	SONATRACH Algeria	Configuration, setting and testing of the control and protection systems
S.S. 60/5 kV HASSI R'MEL	Algeria	2009	ABB Energy Automation S.p.A. Italy	SONATRACH Algeria	Commissioning of the control and protection systems
MOBIL S.S. 220kV AND 60kV	Algeria	2009	ABB Energy Automation S.p.A. Italy	SONELGAZ Algeria	Factory acceptance testing of protection and SCS systems

Reference List

<i>Site</i>	<i>Country</i>	<i>Year</i>	<i>Main Contractor</i>	<i>End User</i>	<i>Description</i>
<i>STEEL WORKS QASCO S.S. 132/33kV</i>	<i>Qatar</i>	<i>2009</i>	<i>ABB Energy Automation S.p.A. Italy</i>	<i>STEEL WORKS QASCO Qatar</i>	<i>Factory acceptance testing of protection system</i>
<i>S.S. 60/30KV EL MADHER</i>	<i>Algeria</i>	<i>2009</i>	<i>ABB Energy Automation S.p.A. Italy</i>	<i>SONELGAZ Algeria</i>	<i>Intervention on gateway type COM581</i>
<i>H.P.P. ATATURK 8 GENERATORS</i>	<i>Turkey</i>	<i>2009</i>	<i>ABB AG Germany</i>	<i>EUAÇ Turkey</i>	<i>Commissioning of the control system</i>
<i>H.P.P. KARAKAYA 6 GENERATORS</i>	<i>Turkey</i>	<i>2009</i>	<i>ABB AG Germany</i>	<i>EUAÇ Turkey</i>	<i>Commissioning of the control system</i>
<i>COMBINED CYCLE T.P.P. 225 MWA BHIKI</i>	<i>Pakistan</i>	<i>2009</i>	<i>ABB PK Pakistan</i>	<i>HALMORE POWER GENERATION CO. Pakistan</i>	<i>Delivery of disturbance and event recording systems</i>
<i>T.P.P. BRESTANICA 2x114 MW TURBOGAS</i>	<i>Slovenia</i>	<i>2009</i>	<i>T.P.P. Brestanica Slovenia</i>	<i>T.P.P. Brestanica Slovenia</i>	<i>Upgrade of the control system</i>
<i>S.S. 110/20 kV SVETI NIKOLA</i>	<i>Bulgaria</i>	<i>2009</i>	<i>ABB EOOD Bulgaria</i>	<i>EON Bulgaria</i>	<i>Delivery of SCS and configuration of protection system</i>
<i>S.S. 110/20 kV SVETI NIKOLA</i>	<i>Bulgaria</i>	<i>2009</i>	<i>ABB EOOD Bulgaria</i>	<i>EON Bulgaria</i>	<i>Commissioning of SCS and protection system</i>
<i>S.S. 220/70kV KOLTORP</i>	<i>Sweden</i>	<i>2009</i>	<i>SWECO Energuide Sweden</i>	<i>EoN, Vattenfall, Fortum</i>	<i>S.S. extension –overall design of the secondary systems</i>
<i>REMOTE TERMINAL UNIT – ABB PRODUCT RTU560</i>	<i>Germany</i>	<i>2009</i>	<i>ABB AG Germany</i>	<i>ABB AG Germany</i>	<i>Development of communication protocols</i>