

1989 – 2023 Power reference list worldwide

COLOUR LEGEND:

	POWER SYSTEMS (finished)
	POWER SYSTEMS (In progress)

CUSTOMER	PLANT	DESCRIPTION	SWITCHYARD	YEAR
MIDREX PAUL WURTH	Reduction Plant Tosyali 2, Algeria	Protection, metering and SCADA systems	SS 33/6,6 kV	2024
EQUINIX	PASS1 Datacentre Substation, Paris, France	Protection, metering and SCADA systems	SS 225/11 kV	2023
HOPS d.d.	SS Konjsko 400/220/110/10 kV Croatia	Protection and SCADA systems for 10kV part	SS 400/220/110/10 kV	2023
EQUINIX	HESS1 Datacentre Substation, Helsinki	Protection, metering and SCADA systems	SS 118/21 kV	2023
Kuwait Oil Co. K.S.C.	NRP New Refinery Project, Kuwait	SCADA systems	SS 11/0,44/0,11 kV	2023
WELink Energy	SS Solara 4, Portugal	Protection, metering and SCADA systems	200 MW SOLAR PLANT SS 400/30 kV	2023
ENEMALTA, Malta	SS Marsascala, Malta	Protection and SCADA systems	SS 33/11 kV	2022
EDISON EDF GROUP, Italy	CTE Presenzano, Italy	GT and ST Control and protection, Fault recorders	CTPP 760 MW	2022
RFI Italy	SSE Rifredi, Italy	Automation and Diagnostic system	SSE 25 kV	2022
EDISON EDF GROUP, Italy	TPP Marghera Levante Brownfield, Italy	Generator paralleling cabinet TV-2 QPT2, Fault recorders	TPP 766 MW	2021
Covestro, Spain	SS Catar 2, Spain	Protection systems	SS 220/25 kV	2021
ENEMALTA, Malta	SS Paceville, Malta	Protection and SCADA systems	SS 33/11 kV	2021
WELink Energy	SS Min Bu, Myanmar	Protection and SCADA systems	220 MW SOLAR PLANT SS 230/33/11 kV	2020
Kuwait Oil Co. K.S.C.	NRP New Refinery Project, Kuwait	SCADA systems	SS 11/0,44/0,11 kV	2019
Orpic, Oman	LIWA Plastic Industries complex	Protection and SCADA systems	SS 220/33/6,6/0,4kV	2019
Ethiopian Electric Power	SS Koysa, SS Gibe III, Ethiopia	Protection and SCADA systems	SS 400/20/10 kV	2019

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ENEMALTA, Malta	SS Hal Far, Malta	Protection and SCADA systems	SS 33/11 kV	2018
M.O.E.P Myanmar	SS KYAKLATT Myanmar	Protection and SCADA systems	SS 230/66 kV	2018
Uganda Electricity Transmission Company Ltd	Mobile Substation, Uganda	Protection and SCADA systems	SS 132/33-11 kV	2018
ENEMALTA, Malta	SS Ricasoli, Malta	Protection and SCADA systems	SS 33/11 kV	2018
Kipic, Kuwait	Al-Zour Refinery, Kuwait	Protection systems	0,4kV switchboards	2018
BISCO Iran	SS Changshu Iran	Commissioning of BB protection	SS 230kV	2018
ENEMALTA, Malta	SS Mriehel, Malta	Protection and SCADA systems	SS 33/11 kV	2017
PT. PLN (Persero)	SS Malingping, Indonesia	Protection systems	SS 150 kV	2017
HEP – distribution operator, Croatia	KTS Čepin 27 Croatia	Design, delivery of primary and secondary equipment, instalaltion and commissioning	SS 10(20) kV	2017
BISCO Iran	SS Changshu Iran	Commissioning of protection and control systems	SS 230kV	2017
Ansaldo Energia	AEN Kamojang Indonesia	Protection, SCADA systems and synchronization for generator	PP 40 MVA	2017
Ansaldo Energia	CCPP Deir Azzour	Configuration and FAT of protection, synchronisation and communication systems	CCPP 945 MVA	2016
Azerenerji	SS Sangachal SS Alat	Protection and control cabinets FAT for 110kV OHL	SS 110kV	2016
HEP – distribution operator, Croatia	SS Valpovo 1 Croatia	Design, delivery of primary and secondary equipment, instalaltion and commissioning	SS 35/10(20) kV	2016
ENEMALTA, Malta	SS St. Venera	Protection and SCADA systems	SS 33/11 kV	2016
ENEMALTA, Malta	SS Mellieha	Commissioning of protection system	SS 33/11 kV	2016
IIC STEEL, EGYPT	SS Abou Ashima extension, Egypt	Configuration and FAT of protection	SS 220/22 kV	2016
RS Silicon, BiH	SS Bjelajce Bosnia nad Herzegovina	Commissioning of protection, control and auxiliary systems	SS 110/20 kV	2015
Terna Italy	CCPP Termoli SS Termoli	Configuration, FAT and commissioning of SCADA in SS, Generators protection and synchronization test	SS 420 kV CCPP 997 MVA	2015
IIC STEEL, EGYPT	SS Abou Ashima Egypt	Configuration and FAT of protection	SS 220/22 kV	2015
HEP – distribution operator, Croatia	SS Bjelovar III Croatia	Design, delivery, installation of primary and secondary equipment and commissioning	SS 35/10(20) kV	2015

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HEP – distribution operator, Croatia	SS Vinkovci 1	Design, delivery, installation of primary and secondary equipment and commissioning	SS 110/35 kV	2015
HEP – distribution operator, Croatia	SS Lozovac	Design, delivery, installation of primary and secondary equipment and commissioning	SS 35/10(20)/6,3 kV	2014
HEP – power generation Croatia	HPP Miljacka HPP Jaruga HPP Golubić HPP Krčić	Replacement of complete metering systems	SS 35/6,3 kV	2014
TRIPS GmbH Germany	SS in Thailand	Configuration and FAT of protection	SS 132/30 kV	2014
A2A S.p.A Monfalcone	TPP Monfalcone	Generator's and Transformer's protection (ABB) communication extension and test	SS 220/15 kV TPP 960 MW	2013-2014
HEP – distribution operator, Croatia	Elektolika Gospić 12 substations Croatia	Protection primary and secondary tests	SS 35/20/10 kV	2013
Eni, Italy	SHAH GAS 17 substations, UAE	Parameterisation, FAT, and commissioning for protection and control	11/ 3,3/ 0,415 kV	2013
ALSTOM Italy	SS 132 kV for KIA Tansania	FAT, Transformer's protection and commissioning of the protection system	132/15 kV	2012-2013
ALSTOM Italy	4 SS IN Botswana for Botswana Power Corporation	FAT, parametrization and protection commissioning	440/220 kV	2011-2012
Ansaldo Energia	CCPP Deir Ali II	Configuration and FAT of protection, synchronisation and communication systems	CCPP 870 MVA	2011
Siemens Spain	23 SS in Qatar Al Khissa North, Al Khissa West, Umm Salal и др	FAT, parametrization and protection commissioning (Siemens)	66/11 kV	2009-2012
Republic of Iraq Kurdistan Regional Government Ministry of Electricity	HPS Derbandikhan	Generator protection, metering and synchro cubicles assembling, FAT, commissioning (ABB)	132/15kV 3x100 MW	2010-2013
Republic of Iraq Kurdistan Regional Government Ministry of Electricity	HPS Dokan	Generator protection, metering and synchro cubicles assembling, commissioning (ABB)	132/15kV 5x100 MW	2010-2013
ECO TRADE	System II and System III Overburden	Design, delivery equipment and commissioning	SS 35/10 kV	2010-2013
CHILE UTILITY Republic of Chile	CTPP Colbun	Design and delivery of transformer protection, measuring and control system, FAT and commissioning of delivered and all auxiliary systems	154/11 kV	2009-2012

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CHILE UTILITY Republic of Chile	CTPP Bocamina	Design and delivery of transformer protection, measuring and control system, FAT and commissioning of delivered and all auxiliary systems	154/11 kV	2009-2012
CMC SISAK, Croatia	CMC steel factory	Design, delivery of equipment, testing and commissioning	35/6/0,4kV	2009-2012
CMC SISAK, Croatia	CMC steel factory	Equipment and services for the compensation and filtering of the 3rd and 4th harmonic with associated 33 kV switchgear	33 kV	2009-2012
HEP – Transmission operator, Croatia	SS Novi Marof II	Control and protection equipment (design, assembly, erection commissioning)	SS 110/35 kV	2008-2011
KOSTT J.S.C	SS Kosova B 400/220 kV	Design, and replacment of high voltage switchgears in SS Kosova B 400/220 kV, erection, commissioning (ALSTOM)	400/220 kV	2011
HEP – Transmission operator, Croatia	SS Vrataruša	Design and delivery of secondary system	SS 30/110 kV	2011
HEP – distribution operator Croatia	TS Park, Čakovec	Design, manufacturing and commissioning of substation automation and protection system (ABB)	SS 35/10 kV	2010
Georgia electrical utility, Tbilisi, Georgia	SS Marneuli	Design, Parameterizing and commissioning of protection system (Siemens)	330 kV	2009
HEP – Transmission operator, Croatia	SS Bilice	Design, Reconstruction and adjustment of the protection system in 220 kV and 110 kV plants	220/110/35 kV	2009
HEP – power generation Croatia	HPP Vinodol	Maintenance of control, signalling, protection, measuring and regulation systems		2009
Georgia electrical utility, Tbilisi, Georgia	SS Didube	Design, Parameterizing and commissioning of protection system	220 kV	2009
Georgia electrical utility, Tbilisi, Georgia	SS Lisi	Design, Parameterizing and commissioning of protection system	200 kV	2009
Georgia electrical utility, Tbilisi, Georgia	SS Gardabani	Design, Parameterizing and commissioning of protection system	500 kV	2009
KESH - Korporata elektroenergetike Shiqptare Albania	SS Vlore	substation automation (SICAM PAS,) design, cubicles assembling, FAT commissioning	220/110 kV	2009

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KESH - Korporata elektroenergjetike Shiqptare Albania	SS Babica	substation automation (SICAM PAS,) design, cubicles assembling, FAT commissioning	220/110 kV	2009
MOESK, Siemens Moscow	SS Sigma Moscow, Russia	Substation automation – station level	220/110/10 kV	2009
Elektroprivreda BiH Sarajevo, BiH	TPP Kakanj	Modernization of generator protection for BLOCK 7	270,5 MVA	2009
MOESK SES Moscow, Russia	SS Krasnogorskaya	substation automation (SICAM PAS,) design, cubicles assembling, FAT commissioning	SS 220/110/10kV	2008
HEP – Transmission operator, Croatia	HPP Ozalj	Design, manufacturing, supply of a complete protection system, setting calculation, commissioning	1XGEN 7,2 MVA	2008
HEP – Transmission operator, Croatia	SS Pokuplje	Control and protection equipment (design,assembly, erection commissioning)	SS 110/35 kV	2008
MOESK, Siemens Moscow	SS Novobratsovo Moscow, Russia	substation automation (SICAM PAS, Siemens) design, cubicles assembling, FAT commissioning	SS 220/110/10kV	2007
WAHA OIL LIBYA	SS Gattar SS Samah SS Defa SS Gialo	Design, manufacturing of substation automation and protection system (AREVA)	SS 138/4,16 kV	2007
MOESK Siemens Erlangen	SS Ilinskaya Moscow, Russia	substation automation (SICAM PAS, Siemens) design, cubicles assembling, FAT commissioning	SS 220/20/10kV	2007
MOESK, SES, Siemens Moscow, Russia	SS Hlebnikovo	substation automation (SICAM PAS, Siemens) design, cubicles assembling, FAT commissioning	SS 220/110/35/10kV	2007
HEP – transmission operator Croatia	SS Karlobag	Secondary equipment and telecommunications	SS 110kV	2007
HEP – transmission operator Croatia	SS Komolac	Secondary equipment for temporary 35kV switchyard	SS 110/35 kV	2006
EMS Electrical Utilities Serbia	SS Niš 2 SS Novi Sad 3	Design, manufacturing of substation automation and protection system (SICAM PAS, Siemens)	SS 400/220/110 kV	2006
EMS Electrical Utilities Serbia	SS Beograd 8	Design, manufacturing of substation automation and protection system (SICAM PAS, Siemens)	SS 400/220 kV	2006

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EMS Electrical Utilities Serbia	SS Beograd 3 SS Beograd 5	Design, manufacturing of substation automation and protection system (SICAM PAS, Siemens)	SS 220/110 kV	2006
HEP – transmission operator Croatia	SS Ivanec, EL-TO, Resnik, Ludbreg, Dubec, Zadar centar, Pag, Katoro, Butoniga, Nijemci, Županja	Maintenance of substation automation and protection system	SS 110kV	2006
HEP – power generation Croatia	HPP Sklope	Refurbishment of protection and synchronization system, busbar automatic switchover	1x GEN 22,5 MW	2006
HEP – power generation Croatia	HPP Rijeka	Protection system maintenance, supervision and consulting	2x GEN 18,4 MW	2006
MOESK Siemens Erlangen	SS Omega Moscow, Russia	substation automation (SICAM PAS, Siemens) design, cubicles assembling, FAT commissioning	SS 220/110/10kV	2006
HEP – distribution operator Croatia	SS Lipovljani	Design, manufacturing and commissioning of substation automation and protection system	SS 35/10(20)kV	2006
HEP – power generation Croatia	HPP Djale	Design, manufacturing and commissioning of generator protection	2x 24 MVA	2006
HEP – distribution operator Croatia	SS Vukovar 3	Design and delivery of substation protection	SS 35/10 kV	2006
HEP – transmission operator Croatia	SS Drnis	Design, manufacturing and commissioning of substation automation and protection system, metering, microwave telecommunications and DC supply	SS 110/35/20(10) kV	2006
ENEL POWER Italy	TPP Sparanise	Engineering & documentation for Generator & Main Transformer Protection Panels & Synchronising Panels	2x400 MW	2006
EMS Electrical Utilities Serbia	SS Sombor 3 SS Jagodina 4	Design, manufacturing of substation automation and protection system (SICAM PAS, Siemens)	SS 400/220/110 kV	2006
EMS Electrical Utilities Serbia	SS Sremska Mitrovica	Design, manufacturing of substation automation and protection system (SICAM PAS, Siemens)	SS 400/110 kV	2005
CAMEROON HIGHLANDS Malaysia	HPP WOH	Design, manufacturing, supply of a complete protection system, setting calculation, commissioning	121/11kV SS 3 x GEN 40MVA	2005

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HEP – electrical utilites Croatia	HPP Zavrelje	Remote control process information system	1 x GEN 2,2 MVA	2005
HEP – electrical utilites Croatia	KTE Jertovec	Water supply pump station refurbishment	2 x GEN 31,5 MVA 2 x GEN 10,5 MVA	2005
Electrical Utilities Monte Negro	HPP Perućica, (307 MVA),	Design, manufacturing and supply of a complete protection system	5 x GEN 38MVA 2 x GEN 58,5MVA 10,5/121 kV	2005
Power Utility of the Bosnia and Herzegovina	TE Gacko (300MVA) ,	Design, manufacturing and commissioning of protection system	1x GEN 300MVA	2005
Power Utility of the Bosnia and Herzegovina	TE Ugljevik (300MVA),	Design, manufacturing and commissioning of protection system	1x GEN 300MVA	2005
KEGOC Kazakhstan SIEMENS Nuernberg	SS protection and control for 67 substations Complete Kazakhstan high voltage net substation automation refurbishment	Documentation and database of typical; Engineering, cubicle assembling; Parameterisation , FAT and commissioning (SICAM SAS)	110 kV 220 kV 500 kV	2003- 2008
Electrical Utilities Bosnia and Herzegovina SIEMENS Wien	SS Kakanj SS Gradačac SS Sarajevo 10 SS Tuzla SS Zenica 2 SS Jablanica SS Bihać 1	Substation Automation System	400/220/110 kV	2005
HEP – electrical utilites Croatia	SS Nedeljanec	Refurbishment of control and protection equipment design, assembly, commissioning (Siemens, ABB)	TS110/35 kV	2004
HEP – electrical utilites Croatia	SS Trnje	Control and protection equipment (design, assembly, erection,commissioning)	110/20 kV	2005
CAMEROON HIGHLANDS Malaysia	HPP JOR HPP HABU	Design, manufacturing, supply of a complete protection system, setting calculation, commissioning	121/11kV SS 4 x GEN 40MVA 2 x GEN 4MVA	2005
ENEL POWER SpA Italy	TE SULCIS	Design of a generator protection and synchronising equipment	380/20kV SS GEN 410MVA	2004
ENEL POWER SpA Italy	TE Pietrafitta Nova	Protection system, commissioning	380/20kV SS GEN 300MVA	2004
ELECTRABEL Italy	TE Voghera	Design, of a generator protection and synchronising equipment	380/20kV SS GEN 470MVA	2004

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ENEL POWER SpA Italy	TE Sermide	Design of a generator protection and synchronising equipment, FAT, commissioning	380/20kV SS 2xGEN 370MVA	2004
Gujarat Mineral Development Corporation LimiTEd India	TE Akrimota	Protection system, commissioning	220/20 kV SS 2 x GEN 170MVA	2004
SONG DA Ltd. Vietnam	HPP CAN DON	Design, manufacturing, supply of a complete protection system, commissioning	121 kV LINES 2 x GEN 40MVA	2004
EDI POWER SpA	HPP San Filippo della Mela	Protection system, commissioning	121/11kV SS 2 x GEN 40MVA	2004
Elektroprivreda Srbije, Nikola Tesla Thermolectric Power Plants	TE Nikola Tesla (1650,5 MVA)	Block A5 protection (generator and step up-transformer protection) Engineering, manufacturing, Testing and commissioning	400 kV- 308,5MVA	2004
HEP – electrical utilites Croatia	TE Rijeka (376MVA)	Refurbishment of existing measurement and registration system for electric power production	1xGEN 376 MVA 1xTR 20/240 kV 1xTR 240/20 kV 2xDV 220 kV	2004
HEP – electrical utilites Croatia	TS Trpimirova	Busbar protection 110kV (design, assembly, erection and commissioning)	SS 110 kV	2004
JANAF Croatia	Oil pipeline, TErminal Omišalj, PS Melnice	Protection selectivity study 35kV, 6kV and 0,4kV	2x GTS 35/6,3kV 4x PTS 6/0,4kV	2004
HEP – electrical utilites Croatia	TS Virovitica III	Refurbishment of control and protection equipment with adaptation to remote control and supervision (design, assembly, erection and commissioning)	TS 35/10 kV	2004
HEP – electrical utilites Croatia	HPP Kraljevac	Generator and transformer protection (assembly, erection and commissioning)	2x GEN 26MVA 2x TR 115/3,7kV 1x GEN 5,3MVA 1x TR 32/10,5kV	2004
HEP – electrical utilites Croatia	TS Ston	Control and protection equipment (design, assembly, erection, commissioning)	TS 110/20 kV	2004
HEP – electrical utilites Croatia	HPP Zakučac	Synchronisation of four generators	GEN 2X170 MVA GEN 2x170 MVA	2004
HEP – electrical utilites Croatia	HPP Zakučac	Fiber-optic link-Prancevici dam, HPP Zakučac		2004

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HEP – electrical utilites Croatia	TS Ivanec TS ELTO Zagreb TS Ludbreg TS Butoniga TS Katoro TS Zadar TS Nijemci TS Pag	LS system mantainance		2004
HEP – electrical utilites Croatia	DP Elektrolika	Design and protection – annual contract	10/(20)0,4 kV	2004
Electrical Utilities Bosnia and Herzegovina	TE Tuzla	Control and protection equipment (design, assembly, erection,commissioning)	GEN 247 MVA	2004
HEP – electrical utilites Croatia	HPP Peruća	Inclusion of LV distribution system measurements, emergency diesel generator unit, level and flow measurement	GEN 2X26 MVA	2003.
HEP – electrical utilites Croatia	TS Vinkovci 1	Control and protection equipment (design, assembly, erection,commissioning)	TS 20 kV	2003
HEP – electrical utilites Croatia	TS Ivanić Grad	Control and protection equipment (design, assembly, erection,commissioning)	TS 20 kV	2003
HEP – electrical utilites Croatia	DP Elektrolika	Design and protection – annual contract	10/(20)0,4 kV	2003
HEP – electrical utilites Croatia	HPP Velebit	Reconstrucion of butterfly valve control system		2002.
HEP – electrical utilites Croatia	HPP Peruća	Central operator workplace, PCS for auxiliary power system and process LAN	GEN 2X26 MVA	2002.
HEP – electrical utilites Croatia	HPP Kraljevac	Refurbishment of turbine governing system and process automation	GEN 26 MVA	2002.
HEP – electrical utilites Croatia	SS Šumećani	Control and protection equipment (design, assembly, erection,commissioning)	SS 20 kV	2002
KESH Albania	SS VAU I DEJES	Autotransformer and differential protection commissioning	SS 220 kV	2002
HEP – electrical utilites Croatia	SS Dubec	Control and protection equipment (design, assembly, erection,commissioning)	110/20 kV	2002
HEP – electrical utilites Croatia	SS Babina Greda	Numerical protection equipment (design,assembly, erection commissioning)	35/10 kV	2002

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HEP – electrical utilites Croatia	SS Međurić	As built after protection reconstruction	220 kV	2002
HEP – electrical utilites Croatia	SS Đakovo	Delivery and Testing voltage arresTers	220/10 kV	2002
HEP – electrical utilites Croatia	DP Elektrolika	Design of distribution project documentation (annual contract)	SS 10(20)/0,4 kV	2002
Electrical Utilites Bosnia and Herzegovina	HPP Bočac	Numerical protection equipment (design,assembly, erection commissioning)	110/10,5 kV	2001
Electrical Utilites Bosnia and Herzegovina	HPP Trebinje	Numerical protection equipment (design,assembly)	220/14,4 kV	2001
HEP – electrical utilites Croatia	HPP Dubrava	Numerical protection equipment (design,assembly, erection commissioning)	110/10,5 kV	2001
Electrical Utilites Bosnia and Herzegovina	HPP Bočac	Commissioning of motor numerical protection	35 kV	2001
Belišće Croatia	Belišće Paper mill	Commissioning of motor numerical protection	6kV	2001
ENELPOWER Qatar	SS Q-CHEM	Commissioning of Control system	132/11kV	2001
TE VOJANY Slovakia	TE Vojany	Parameterization and commissioning of control system	220/20kV	2001
HEP – electrical utilites Croatia	HPP Čakovec	Numerical generator protection equipment (design,assembly, erection commissioning)	110/10,5 kV	2001
HEP – electrical utilites Croatia	HPP Varaždin	Numerical protection equipment (design,assembly, erection commissioning)	110/10,5 kV	2001
HEP – electrical utilites Croatia	SS Savica	Feeder TErminals delivery	SS 20 kV	2001
FEWA Dubai, UAE	FEWA	Delivery of 160 pcs 7S56 nominal protection relays	33/11 kV	2001
HEP – electrical utilites Croatia	SS Ludbreg	Control and protection equipment (design,assembly, erection, commissioning)	110/30/10 kV	2000
HEP – electrical utilites Croatia	SS Nijemci	Control and protection equipment (design,assembly, erection, commissioning)	110/30/10 kV	2000

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Electrical Utilities Bosnia and Herzegovina	HPP Rama	Control and protection equipment (design,assembly, erection, commissioning)	220/110 kV	2000
HEP – electrical utilites Croatia	SS Katoro	Control and protection equipment (design,assembly, erection, commissioning)	110/30/10 kV	2000
HEP – electrical utilites Croatia	SS Beli Manastir	Accounting measurement and electric power regulation	110/35/20 kV	1999
HEP – electrical utilites Croatia	SS Jarun	Control and protection equipment (design,assembly, erection, commissioning)	110/30/10 kV	1999
HEP – electrical utilites Croatia	SS Resnik	Control and protection equipment (design,assembly, erection, commissioning)	110/30/25 kV	1999
EDL Lebanon	SS Zahrani	Numerical protection commissioning	SS 220/66/20kV	1999
EDL Lebanon	SS Beddawi	Numerical protection commissioning	SS 220/66/20kV	1999
HEP – electrical utilites Croatia	HPP Kraljevac	Regulation equipment for turbine regulator refurbishment		1999
HEP – electrical utilites Croatia	HPP Kraljevac	Control and measurement system of ABM connection on waTEr pipeline No 2		1999
HEP – electrical utilites Croatia	DP Elektrolika	Implementing of 3 Telecontrol system in DP Elektrolika Gospić	SS 110/35 kV SS 35/10 kV Lički Osik SS 20/10 kV Karlobag	1999
VSI WATER UTILITY Croatia	SS Butoniga	Control and protection equipment (design,assembly, erection commissioning)	110(35)/10 kV	1999
NGC UK	NGC	Generic data base for secondary equipment	275/132 kV	1999
NGC UK	Rochdale	Generic data base for secondary equipment	400/275/132 kV	1999
HABIBULAH POWER CO. Pakistan	Quetta TE	Numerical protection and synchronization commissioning	SS 132/10.5 kV Generator 4x33MVA	1999
HEP – electrical utilites Croatia	Numerical protection EBRD	15 x transformer protection 170 x line protection	35/10 (20) kV	1998
ADWEA U.A.E.	Mossafah Abu Dhabi	Numerical protection commissioning	SS 220/33/11kV	1998

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HEP – electrical utilites Croatia	GPP EL-TO	Control and protection equipment (design,assembly, erection commissioning)	110/10 (20) kV	1998
HEP – electrical utilites Croatia	SS Dubec	Equipment (protection and control) delivery	35/10 (20) kV	1998
TE VOJANY Slovakia	TE Vojany Block 5 and 6	Protocol converor S5115U / LSA	Generators 2 x 120 MVA	1998
HEP – electrical utilites Croatia	HPP Peruća	Control and protection equipment (design,assembly, erection commissioning)	110/35/10,5/11kV	1998
HEP – electrical utilites Croatia	SS Cavtat	Numerical protection commissioning	SS 35/10 (20) kV	1997
HEP – electrical utilites Croatia	SS Mlini, Croatia	Numerical protection commissioning	SS 35/10 (20) kV	1997
PLN Indonesia	Gunung Salak Geothermal PP	Numerical protection and synchronization commissioning	150/10kV	1997
PPC Greece	Chania Gas PP	Numerical protection and synchronization commissioning	SS 150/11.5kV	1997
AIRPORT Zagreb Croatia	SS7 Airport	Supervising of SS7 erection and commissioning	SS 35/10 (20) kV	1997
AIRPORT Zagreb Croatia	SS7 Airport	Numerical protection delivery	SS 10 (20) kV	1997
HEP – electrical utilites Croatia	SS Ivanec	Control and protection equipment (design,assembly, erection commissioning)	SS 110/10 (20) kV	1997
HEP – electrical utilites Croatia	HPP Kraljevac,	Automation refurbishment of ABM agregats		1997
HEP – electrical utilites Croatia	HPP Zakučac,	SCADA, control and protection equipment (design,assembly, erection commissioning)	110 / 35 kV	1997
ENELPOWER Qatar	QAFCO 3	Numerical protection and synchronization commissioning	SS 66/11kV Generator 80MVA	1996
HEP – electrical utilites Croatia	HPP Miljacka,	Design delivery and commissioning of synchronization equipment	SS 35/6kV Generators 4x8MVA	1996
INA Croatia	Dow Chemical	Electrical protection	SS 110/10kV Generators 2x14MVA	1996
PLN Indonesia	Gunung Salak Geothermal PP,	Numerical protection and synchronization equipment commissionong	GIS 150kV Generators 2x80MVA	1994

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ILVA Italy	Taranto Thermal PP,	Electrical protection commissioning	SS 400kV Generators 2x200MVA	1994
JLEPC China	Ligang Coal fired PP,	Numerical protection and synchronization equipment commissioning	SS 220/20/6kV Generators 2x450MVA	1993
JLEPC China	Dagang Coal fired PP,	Numerical protection and synchronization equipment commissioning	SS 220/20/6kV Generators 2x450MVA	1992
ELEKTRO PRIMORSKA Slovenia	SS Idrija SS Lucija,	SINDAC protocol converTEr and emulation of RTS DS 801 and DS 803 (NEO-2000/PROZA)	SS 110kV	1992
VRA Ghana	Bolgatang N. Obuasi AKWATIA TAFO ACOSOMBO BOGOSO PRESTEA	Numerical protection commissioning	SS 160kV 11 x substations in Ghana	1991
EEA Egypt	SELWA and TEMA	Numerical protection commissioning	SS 220/66kV 2 x substations	1991
SNAMPROGETTI Alger	Rhourde Nouss Gas PP	Synchronization equipment commissioning	Generators 5x10MVA	1990
WAPDA Pakistan	KOT ADU Thermal PP	Numerical protection and synchronization equipment commissioning	SS 110kV Generators 2x80MVA	1989



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