



**REFERENCE LIST OF PROJECTS PERFORMED BY
OUR ENGINEERS**

Date	PLANT	COUNTRY	ACTIVITIES
1981-1983	Sadam Irrigation Project Kirkuk, Pumping station SS1	Iraq	Pumping stations - <i>main and final design</i> - <i>supervision of erection and commission</i> for <ul style="list-style-type: none"> • Transformer station 33/6.3/0.4 kV, 3 x 11 MVA • Diesel gen. plant 2 x 1250 kVA • Main pump's motor drives 14 x 1200 kW, 6.3 kV • Control system • MCCs, LV AC and DC distribution
1982-1984	Sadam Irrigation Project Kirkuk, Pumping station SS3	Iraq	Pumping stations - <i>main and final design</i> - <i>supervision of erection and commission</i> for <ul style="list-style-type: none"> • Transformer station 33/6.3/0.4 kV, 3 x 8 MVA • Diesel gen. plant 2 x 1250 kVA • Main pump's motor drives 8 x 900 kW, 6.3 kV • Control system • MCCs, LV AC and DC distribution
1984-1985	Spreader for Dobro Selo	Kosovo	Spreader - <i>main and final design</i> - <i>project management</i> - <i>supervision of erection and commission</i> for <ul style="list-style-type: none"> • Transformer station 6/0.4 kV • Motor drives • System for process supervision & control
1985-1986	Spreader for Šikulje, Tuzla	Bosnia & Herzegovina	Spreader - <i>main and final design</i> - <i>project management</i> - <i>supervision of erection and commission</i> for <ul style="list-style-type: none"> • Transformer station 6/0.4 kV • Motor drives • System for process supervision & control

1986-1987	6 pumping stations	Egypt	<p>- <i>main and final design</i></p> <p>- <i>project management</i></p> <p>- <i>supervision of erection and commission</i></p> <p>for</p> <ul style="list-style-type: none"> • Transformer station 11/6/0.4 kV, 2 x 1600 kVA • Main pump's motor drives 5 x 355 kW, 6 kV 13 x 315 kW, 6 kV 3 x 630 kW, 6 kV • Control system
1988-1989	Jazira (Parallel pumping station)	Iraq	<p>Pumping stations</p> <p>- <i>main and final design</i></p> <p>for</p> <ul style="list-style-type: none"> • Transformer station 33/11/0.4 kV, 2 x 10 MVA • Speed control motor drives 8 x 1600 kW, 11 kV • LV AC and DC distribution • Control system
1989-1990	6 cooling stores	China	<p>4 cold stores, capacity 1500 tons</p> <p>1 cold store, capacity 2000 tons</p> <p>1 cold store, capacity 3000 tons</p> <p>- design of electrical part and design co-ordination for civil, mechanical and technological part</p> <p>- <i>project management</i></p> <p>- <i>supervision of erection and commission</i></p> <p>for</p> <ul style="list-style-type: none"> • Pertaining transformer stations • Machine hall and pertaining cooling equipment • Cooling tunnels • Motor drives • Heating • Civil works
1989-1991	Cement factory Rabak	Sudan	<p>Cement production line, capacity 1000 t/d according KB technology</p> <p>- <i>main and final design</i></p> <p>- <i>project management</i> for</p> <ul style="list-style-type: none"> • Transformer station 11/6.6 kV and 11/0.4 kV • Total motor drives 10000 kW • Kiln speed control drive 300 kW • Control system

			LV distribution
1991	Main office of Bank-Austria, Wien	Austria	<p>- <i>main and final design</i> - <i>supervision of erection</i> for</p> <ul style="list-style-type: none"> • lighting, sockets, el. installation for air conditioning • LV distribution
1992-1994	School of veterinary medicine, Wien	Austria	<p>- <i>main and final design</i> - <i>supervision of erection</i> for</p> <ul style="list-style-type: none"> • lighting, sockets, el. installation for air conditioning • LV distribution
1995	Computer center SPARDAT, Wien	Austria	<p>- <i>main and final design</i> - <i>supervision of erection</i> for</p> <ul style="list-style-type: none"> • lighting, sockets, el. installation for air conditioning <p>LV distribution</p>
1996	Main office Fa.HEROLD, Wien-Meidling	Austria	<p>- <i>main and final design</i> - <i>supervision of erection</i> for</p> <ul style="list-style-type: none"> • lighting, sockets, el. installation for air conditioning • LV distribution
1999	Paper factory Zagreb Paper machine V	Croatia	<p>- <i>main and final design</i> - <i>project management</i> - <i>erection and commission</i> for</p> <ul style="list-style-type: none"> • Paper machine (regulated drives) • Control system (PLC) • Transformer station 6/0.4 kV • Low voltage distribution

	Reconstruction of factory, Puris, Pazin	Croatia	<ul style="list-style-type: none"> - <i>main and final design</i> - <i>project management</i> - <i>production of LV switchgears</i> - <i>erection and commission</i> for <ul style="list-style-type: none"> • Transformer station 20/0.4 kV, 630 kVA + 1000 kVA • Motor drives • Control system (PLC 1024 I/O s) • Visualization and control (SCADA system) • Low voltage distribution • Fire protection system • Lighting and earthing
2000	Hotel Lanterna, Rabac	Croatia	<ul style="list-style-type: none"> - <i>basic design</i> for <ul style="list-style-type: none"> • lighting, sockets • LV distribution • telephone installation
2001	Waste water treatment plant, "CUP Zajarki" d.o. o., Zaprešić	Croatia	<ul style="list-style-type: none"> - <i>main project of electrical installations</i> - <i>transformer station</i> - <i>electromotor drives</i> - <i>lighting</i> - <i>measurement and regulation</i> - <i>PLC</i> - <i>SCADA</i>
2001	LIVESTOCK FOOD FACTORY Valpovka d.d., Reconstruction	Croatia	<ul style="list-style-type: none"> - Electrical design - <i>Construction of MCC-a for 140 motor drives, 80 EMV</i> - <i>Delivery of hardware and software for PLC system (1100DI/ 740DO, profibus RIO)</i> - <i>Delivery of work station and SCADA application 16 process images, over 2600 tags, sequenced work orders, report generation, data base with connection with existing business application</i> - <i>Monitoring of production from two screens in command center and 7 local HMI panels</i> - Installation and commissioning

			<ul style="list-style-type: none"> • Motor drives controlled by frequency converters • PLC + SCADA • Low voltage distribution • Equipotential bonding • Lighting
2002	<p>“Kristal” – Samobor</p> <p>Reconstruction of furnace for melting glass</p>	Croatia	<ul style="list-style-type: none"> - <i>main and final design</i> - <i>supervision of assembly and putting in operation</i> - <i>reconstruction of transformer station</i> - <i>PLC software development (220I/128O, TOUCH PANEL)</i> - <i>field testing, commissioning & start-up for:</i> <ul style="list-style-type: none"> • Motor drives • Automated control system (PLC + TP) • Low voltage distribution - <i>Lighting and grounding</i>
2003	<p>3 Pump stations Mine “Stari Trg”</p>	Kosovo	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision of assembly and putting in operation</i> - <i>Production of electric switchgears</i> - <i>PLC software development (320DI/228DO, TOUCH PANEL)</i> - <i>Delivery of soft-starters 3,3 kV, 110 A</i> - <i>Field testing, commissioning & start-up for:</i> <ul style="list-style-type: none"> • Automated control system (PLC + OP) • Motor drives 250 kW, 3.3 kV • Soft-starters 3,3 kV 110 A
2004	<p>Automated line for production of milk, “VINDIJA”, Varaždin</p>	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision of assembly and putting in operation</i> - <i>PLC software development (720DI/440DO, OP)</i> - <i>Field testing, commissioning & start-up for:</i> Automated control system (PLC + OP)

2004	Hotel "Dubrovnik Palace" Dubrovnik	Croatia	<ul style="list-style-type: none"> - <i>Main and final design of control network (53 PLC on the RS485 bus + 5 PLC on Ethernet)</i> - <i>Development of software for PLCs (53 + 5)</i> - <i>SCADA software development</i> - <i>Visualization & control of the hotel with 1 monitor in central control station and 8 local operator panels</i> - <i>Software development for:</i> <ul style="list-style-type: none"> • <i>LMS (Light Management System) - SCADA</i> • <i>Control of lighting (53 PLCs)</i> • <i>Control of DALI lighting (5 PLCs)</i> - <i>System for energy optimization</i> - <i>Commissioning</i>
2005	COOLING WATER PLANT TC-Koromačno, HOLCIM	Croatia	<ul style="list-style-type: none"> - <i>Final electrical design</i> - <i>Reconstruction of TS-5</i> - <i>Reconstruction of compressor station</i> - <i>Commissioning and testing</i> - <i>Approval documentation</i>
2005	Terminal for oil repumping "BEJAIA"-Algeria	Algeria	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i> - <i>Transformer station 35/5,5 kV , 2 x 8 MVA</i> - <i>Delivery of MCC for LV motors</i> - <i>Delivery of hardware and software for two PLC units for multistart control system (122DI/56DO)</i> - <i>Delivery of 4 softstarters for 11 motors 5,5 kV, 140 A</i> - <i>Startup and commissioning</i>
2005	Residential building Dominika Mandića 88, Zagreb	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i>
2005	Residential and office building P1, Buzin, Zagreb	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i>

2005	Residential and office building P2, Buzin, Zagreb	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i>
2006	Automatic control of reception, milk pasteurization, CIP station "NOVI DOMIL", VINDIJA, Županja	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i> - <i>Delivery of PLC hardware and software (720DI/320DO, 24AI, 4AO, TOUCH SCREEN)</i> - <i>Assembly and start-up</i>
2006	"JANAF"- Jadranski naftovod d.d. - Zagreb	Croatia	<ul style="list-style-type: none"> - <i>Project documentation for reconstruction of electrical plants and control on terminals Omišalj, Sisak and Virje, and pump stations Melnice and Dobra</i> - <i>Technical documentation consists of:</i> <ul style="list-style-type: none"> • Technical description and calculations • Single line diagrams for 35kV, 6kV, 0,4kV, 110 VDC plants • Arrangement drawing for 35kV, 6kV, 0,4kV , VDC plants • Wiring diagrams for 35kV, 6kV, 0,4kV, 110 VDC plants • Equipment list for 35kV, 6kV, 0,4kV , 110 VDC plants • Cable list for 35kV, 6kV, 0,4kV, 110VDC plants
2006	GRAIN MILL FARINA Mill reconstruction	Croatia	<ul style="list-style-type: none"> - <i>Electrical design</i> - <i>Fabrication of MCC for 120 motor drives</i> - <i>Delivery of hardware and software for PLC system (640DI/ 240DO, 16AI/8AO, Ethernet)</i> - <i>Delivery of work station and display client station (Zagreb) , SCADA software</i> 8 process images, over 1600 tagovs, report generation, development of data base and connection with business software • Motor drives (frequency converters 12 pcs, softstarters 30 pcs. in range of 11-132 kW) • Control system (PLC) + SCADA

			<ul style="list-style-type: none"> • Low voltage distribution in 10 fields
2007	FINVEST Gerovo Bio pellet factory	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Transformer station 20/0,4 kV , 3 x 1600 kVA</i> - <i>MCC for 200 electromotor drives</i> - <i>Hardware and software for PLC (800DI/400DO, 30AI/24AO, Profibus and Ethernet communication)</i> - <i>Workstation with 3 displays and development of SCADA software</i>
2007	GRAIN MILL KOPANICA Mill reconstruction	Croatia	<ul style="list-style-type: none"> - <i>Electrical design</i> - <i>Fabrication of MCC for 150 motor drives</i> - <i>Delivery of hardware and software for PLC system (720DI/ 320DO, 24AI/16AO, Profibus i Ethernet)</i> - <i>Delivery of work station and SCADA software</i> <p>8 process images, over 1600 tagova, report generation, development of data base and connection with business software</p> <ul style="list-style-type: none"> • Motor drives (frequency converters 12 pcs, softstarters 30 pcs. in range of 11-132 kW) • Control system (PLC) + SCADA • Low voltage distribution in 10 fields
2007	Residential and office building, Kranjčevićeva 48, Zagreb	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i>
2007	Residential building Jakuševac, Zagreb	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i>

2007	Auto center GAŠPEROV, Hrvatski Leskovac	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i>
2008	WOOD PROCESSING PLANT FINVEST Plant control system	Croatia	<ul style="list-style-type: none"> - <i>Fabrication of MCC for 200 motor drives</i> - <i>Delivery of hardware and software for PLC system (800DI/ 400DO, 30AI/24AO, Profibus and Ethernet)</i> - <i>Delivery of work station with 3 monitors and development of SCADA application</i> - <i>20 pricess images, over 2500 tagovs, report generation, development of data base and connection with business software</i> • <i>Motor drives (frequency converters 20 pcs, softstarters 30 pcs. in range of 11-400 kW)</i> • <i>Control systems (PLC) + SCADA</i> • <i>Low voltage distribution in 18 fields</i>
2008	KEK Priština, Coal mine Bardh, Excavator reconstruction and control	Kosovo	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i> - <i>MCC development</i> - <i>Delivery of hardware and software for PLC (160DI/90DO, 16AI/8AO, Profibus and Ethernet communication)</i> - <i>Delivery of 10,4" touchpanel</i> - <i>Assembly and start-up for</i> • <i>Motor drives</i> • <i>Control system (PLC)</i>
2009	ELEM Skopje TG1 &TG2 for ALSTOM Hrvatska 15 MW steam turbine reconstruction and control	Macedonia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Fabrication of switchgear for turbine</i> - <i>Delivery of hardware and software for PLC (64DI/64DO, 50AI/8AO, Profibus and Ethernet communication)</i> - <i>Workstation delivery and SCADA software development</i> • <i>PLC + SCADA + OP + WOODWARD control system</i> • <i>Special measurement system BENTLY NEVADA</i>

2010	BP ANGOLA PSVM FPSO, for MODEC Singapore Control of ventilation and air-conditioning system on ship for deep water oil extraction	Singapore	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Documentation for 6 HVAC and 4 thyristor panels</i> - <i>Delivery of hardware and software for 3 PLC (160DI/64DO, 32AI/8AO, redundancy, NAMUR inputs, HART, Profibus, J-Bus, Modbus, TCP/IP)</i> - <i>Delivery of hardware and software for 3 PLC (120DI/64DO, 32AI/8AO, NAMUR inputs, HART, Profibus, Profinet)</i> - <i>Delivery of hardware and software for 6 touchpanels (15")</i> - <i>Start-up</i>
2010	Irving Shipbuilding, Halifax	Canada	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>MCC for one speed and two speed drives</i>
2010	MILK FACTORY VINDIJA Automatic control system for pasteurization line	Croatia	<ul style="list-style-type: none"> - <i>Programming of the PLC and HMI system</i> - <i>Incorporating new functions into existing control algorithms and connecting new control panel with other panels</i>
2011	EXCAVATOR SRS-400 E7 Coal mine Sibovac for KEK Priština, Reconstruction and control of coal excavator	Kosovo	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i> - <i>Delivery of 6kv TS & LV MCC</i> - <i>Delivery of hardware and software for PLC (200DI/80DO, 16AI/8AO, Profibus and Ethernet communication)</i> - <i>Delivery of hardware and software for touchpanel (10,4")</i> - <i>Delivery of intercom system</i> - <i>Delivery of video system</i> - <i>Assembly and start-up</i>
2011	BELTS WAGON BRS-1600 E Coal mine Sibovac for KEK Priština,	Kosovo	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Supervision</i> - <i>Delivery of 6kv TS & LV MCC</i> - <i>Delivery of hardware and software for PLC (160DI/72DO, 16AI/8AO, Profibus and Ethernet communication)</i>

	Reconstruction and control of belts wagon		<ul style="list-style-type: none"> - <i>Delivery of hardware and software for touchpanel (15")</i> - <i>Assembly and start-up</i>
2011	UNIVERSITY OF ZAGREB (SC) Reconstruction of heating station's control system	Croatia	<ul style="list-style-type: none"> - <i>Construction of a new control panel according to the existing design</i> - <i>Installation of cable trays, cables, equipotential bonding, lighting, sockets and other equipment</i> - <i>Commissioning and measurements</i>
2011	THERMAL POWER PLANT JERTOVEC for ALSTOM Hrvatska Design and supply of turbine panel	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Fabrication of electric switchgear panel</i> - <i>Delivery of touch panel and installation equipment</i> - <i>Factory testing of the panel</i> - <i>Installation of equipment in power plant</i>
2011	MILK FACTORY VINDIJA Automatic control system for yogurt fermentation and storage line	Croatia	<ul style="list-style-type: none"> - <i>Programming of the PLC and HMI system</i> - <i>Incorporating new functions into existing control algorithms and connecting new control panel with other panels</i>
2011	GRAIN MILL FARINA Transportation line control system	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Fabrication of power&control panels</i> - <i>Delivery of hardware and software for PLC control system</i> - <i>Upgrade of existing SCADA system, touch panel software development</i> - <i>Installation</i> - <i>Commissioning and start-up</i>
2012	LIVESTOCK FOOD STORAGE KRMIVA Automatic control system for silos and drying plant	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Fabrication of power&control panels</i> - <i>Delivery of hardware and software for PLC control system</i> - <i>Software development</i> - <i>Installation</i> - <i>Commissioning and start-up</i>

2012	MILK FACTORY VINDIJA Automatic control system for Kwark cheese production	Croatia	<ul style="list-style-type: none"> - <i>Programming of the PLC and HMI system</i> - <i>Incorporating new functions into existing control algorithms and connecting new control panel with other panels</i>
2012	IRD - Roma settlements in Orehovica and Mursko Sredisce (Sitnice) in Medimurje	Croatia	<ul style="list-style-type: none"> - <i>Supervision of Electrical works</i>
2012	OIL PIPELINE JANAF PS Melnice	Croatia	<ul style="list-style-type: none"> - <i>Preliminary and main project design for replacement of 35kV electrical plant</i>
2012	OIL PIPELINE JANAF Terminal Omišalj	Croatia	<ul style="list-style-type: none"> - <i>Preliminary and main project design for replacement of 35kV electrical plant</i>
2012	THERMAL POWER PLANT JERTOVEC for ALSTOM Hrvatska Design and supply of turbine panel (block 2)	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Fabrication of electric switchgear panel</i> - <i>Delivery of touch panel and installation equipment</i> - <i>Factory testing of the panel</i> - <i>Installation of equipment in power plant</i>
2012	GUPCO OIL RIG HVAC REHABILITATION PROJECT Automatic control of ventilation and air conditioning (HVAC) on an offshore production complex	Egypt	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Electrical documentation for 5 HVAC panels and 9 air handling units</i> - <i>Fabrication of safe area control panels, Ex-e and Ex-d control and electrical panels</i> - <i>Delivery of hardware and software for 17 PLC units (redundancy, HART, Profinet,)</i> - <i>Delivery of hardware and software for 5 touchpanels (15")</i> - <i>Commissioning and start-up</i>
2012	THERMAL POWER PLANT KOSOVO A Ash transport system	Kosovo	<ul style="list-style-type: none"> - <i>Electrical design</i> - <i>Equipment delivery: Heating, air conditioning, Fire detection, lighting, cable</i>

			<i>protection and cable tray systems, lightning protection</i>
2013	THERMAL POWER PLANT KOSOVO B Delivery of LV MCC	Kosovo	<ul style="list-style-type: none"> - <i>Electrical design, fabrication and installation of three 0.4kv MCC in water treatment plant (WTT)</i> - <i>OCW01 – 4420x2200x600mm</i> - <i>ODF01 – 4462x2250x680mm</i> - <i>ODG01 – 8130x2250x680mm</i>
2013	<i>BARTEC Varnost</i>	Kazakhstan	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Delivery of 7 soft-starters 6 kV, 200 A</i> - <i>Field testing, commissioning & start-up for:</i> 3 x Motor drives 670 kW, 6 kV 4 x Motor drives 250 kW, 6 kV
2014	HEBRON OILRIG HVAC, for EXXONMOBIL Canada Control of ventilation and air-conditioning systems	Canada	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Fabrication of 4 HVAC control panels</i> - <i>Fabrication of 9 humidifiers power&control panels</i> - <i>Fabrication of 3 emergency cooling units power&control panels for Ex Area</i> - <i>Delivery of hardware and software for 4 PLC (650DI/400DO, 160AI/40AO, redundancy, Modbus, TCP/IP)</i>
2014	GRAIN MILL FARINA Silos transportation line control system	Croatia	<ul style="list-style-type: none"> - <i>Electrical design</i> - <i>Fabrication of MCC for 80 motor drives</i> - <i>Delivery of hardware and software for PLC control system</i> - <i>Control system (PLC) + SCADA</i> - <i>Installation</i> - <i>Commissioning and start-up</i>
2014	MAJOR OVERHAUL OF ST 12,5 MW KARDEMIR, KARABUK for ALSTOM Hrvatska	Turkey	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Fabrication of electric switchgear panel</i> - <i>Factory testing of the panel</i> - <i>Installation of equipment</i>

	Design and supply of turbine panel		
2014	RECONSTRUCTION OF VENTILATION SYSTEM IN HYDRO-ELECTRIC POWER PLANT, for HEP Proizvodnja d.o.o.	Croatia	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Fabrication of power&control panel</i> - <i>Delivery of hardware and software for PLC control system</i> - <i>Software development</i> - <i>Installation</i> - <i>Commissioning and start-up</i>
2015	TULLOW GHANA, TEN DEVELOPMENT PROJECT for MODEC, HVAC control system for FPSO	Singapore	<ul style="list-style-type: none"> - <i>Main and final design</i> - <i>Fabrication of 2 HVAC control panels</i> - <i>Fabrication of 3 MCC panels Equipped with motor protection relays</i> - <i>Fabrication of panels for electrical heaters</i> - <i>Delivery of hardware and software for 2 PLC (200DI/100DO, 32AI/4AO, redundancy, Modbus TCP/IP, EtherNet IP)</i>
2015	PETROCHAD - LOGONE RIVER Radio Telemetry and Solar Power System	Chad	<ul style="list-style-type: none"> - <i>Electrical design</i> - <i>Fabrication of power and control cabinets for four autonomous stations powered via solar panels</i> - <i>Delivery of batteries, solar panels, solar chargers, inverters, structures, PLC and telemetry equipment</i> - <i>Installation of system</i> - <i>Factory and functional testing</i>
2015	MODEC Petrobras FPSO CIDADE DE CAMPOS DOS GOYTACAZES MV29 – Accommodation HVAC system	Brasil	<ul style="list-style-type: none"> - <i>Electrical design</i> - <i>Fabrication of MCC with withdrawable buckets</i> - <i>Fabrication of 2 HVAC control panels in relay technic</i> - <i>Fabrication of 5 Heater distribution panels</i> - <i>Fabrication of local control station</i> - <i>Differential pressure monitoring and control of pressure control damper using PLC</i> - <i>Factory and functional testing</i>

2015	PARKER DRILLING Odoptu HVAC Control Panels	Russia	<ul style="list-style-type: none"> - <i>Electrical design</i> - <i>Fabrication of 2 power and control cabinets for safe area and 1 cabinet for hazardous area (Exp protection)</i> - <i>Cabinets are equipped with sockets so that cables can be easily reconnected when cabinets are moved to another location</i> - <i>PLC and HMI programming</i> - <i>Factory and functional testing</i>
2016	OFSV 190 – HVAC Distribution panels	Canada	<ul style="list-style-type: none"> - <i>Electrical design of HVAC control system</i> - <i>Fabrication of power and control cabinets SB-02 and SB-02 2nd</i> - <i>Compact Logix PLC system with Panel View Plus 1500</i> - <i>400 DI, 112 DO, 48 AI, 48AO for SB-02</i> - <i>240 DI, 112 DO, 32 AI, 28 AO fo SB-02 2nd</i> - <i>RS485 Modbus communication</i> - <i>Factory acceptance testing in clients facilities</i>
2016	DAVIE Shipyard TBSC Ferries	Canada	<ul style="list-style-type: none"> - <i>Electrical design of HVAC control system for two ferries</i> - <i>Fabrication 6 independent HVAC power and control cabinets for each vessel</i> - <i>Fabrication of central monitoring cabinet and two speed starter panels</i> - <i>Programming of 12 independent PLC systems</i> - <i>Visualization on Siemens operator panels (14 pcs.) in both English and French language</i> - <i>Complex Profinet interface</i> - <i>Ethernet IP Modbus interface</i> - <i>Factory acceptance testing</i>
2016	GRAIN MILL FARINA Mill control system replacement	Croatia	<ul style="list-style-type: none"> - <i>Electrical design</i> - <i>Change of Hitachi PLC system with Siemens distributed system</i> - <i>Profinet communication between CPU and remote IO modules</i> - <i>Profinet communication between other PLC systems in plant</i>

			<ul style="list-style-type: none"> - <i>Decrease in number of cabling in main cabinet</i> - Reconfiguration of existing CITECT SCADA system
2016	KOKA Varaždin – Plant for breaded meat products	Croatia	<ul style="list-style-type: none"> - Replacement of electrical and control cabinets damaged in fire - Fabrication of 4 cabinets: Oven panel, Fryer panel, Gyrofreeze panel and transport line panel - Configuration of Siemens PLC system and VFDs - Commissioning
2016	LUG – Silos and dryer facilities	Croatia	<ul style="list-style-type: none"> - Main and final electrical design - Fabrication of control and electrical cabinet - Installation of cables, cable ducts, etc. - Commissioning of transportation line and dryer
2016	Mill Pukanic – Grain storage plant	Croatia	<ul style="list-style-type: none"> - Main and final electrical design - Fabrication of control and electrical cabinet - Installation of cables, cable ducts, etc. - Commissioning of transportation line
2016	Čakovečki Mlinovi – Grain storage plant	Croatia	<ul style="list-style-type: none"> - Main and final electrical design - Fabrication of control and electrical cabinet - Delivery of hardware and software for PLC system - Delivery of work station and SCADA application, over 700 tags, report generation, data base with connection with existing business application - Monitoring of production from two screens in command center - Installation and commissioning

2016	BASETEK/CHANTIER DAVIE - PROJECT RESOLVE 24VDC System	Canada	<ul style="list-style-type: none">- <i>Electrical design</i>- <i>Fabrication of power and control cabinets for autonomous stations</i>- <i>Delivery of batteries, battery chargers</i>- <i>Installation of system</i>- <i>Factory and functional testing</i>
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