



# References List

# Automation References

Customer/ Project	Project Scope	Completion Year
<b>EKON PROKON PROKON, Turkey</b> EUAS Ambarlı 810MWe Combined Cycle Power Plant Repowering	Unit Control System for 810MWe CCPP including 2x Gas Turbine, 2x Heat Recovery Steam Boiler, 2x Steam Turbine and BOP and Steam turbine control system modernization; Design, Implementation, Supply and Start-up	<b>2013</b>
<b>TERMO HEAT</b> Sivas-Kangal EUAS Power Plant	Implementation, Start-up & Commissioning of Siemens S7-3XX Boiler Control System	<b>2011</b>
<b>UGUR ENERGY, Turkey</b> Cerkezkoy Combined Cycle Power Plant	Automation of of CCPP including 1x Gas Turbine, 1x Heat Recovery Steam Boiler (OTSG), 1x Steam Turbine and BOP; Design, Implementation, Supply and Start-up	<b>2010</b>
<b>ATAER ENERGY, Turkey</b> Izmir Combined Cycle Power Plant Extension	Automation of CCPP extension including 1x Gas Turbine, 1x Heat Recovery Steam Boiler (OTSG) and BOP; Design, Implementation, Supply and Start-up	<b>2010</b>
<b>AKENERJİ</b> Uluabat Hydroelectric Power Plant	Wireless Data Communication, and control project	<b>2010</b>
<b>ISTAC</b> Odayeri Waste to Heat Plant	Control System Re-programming, Implementation, Start-up and Commissioning of 1x Fired Steam Boiler Burner Management System with Combustion Control; and BOP	<b>2010</b>
<b>AES - ENTEK</b> Bursa Power Plant	RF Data Communication System, Design, Supply and Commissioning.	<b>2009</b>

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AES - ENTEK, Turkey Izmit 60MWe Combined Cycle Co-generation Plant Extension	I & C Engineering and Commissioning Supervision of CCPP extension including 1x Gas Turbine, 1x Heat Recovery Steam Boiler (OTSG), and BOP.	2009
ISKENDERUN IRON & STEEL FACTORY, Turkey O <sub>2</sub> Pressure Reducing Station	Instrumentation & Automation of Slab Casting O <sub>2</sub> Gas Pressure Reducing System, Supply and Start-up	2009
ADVANSA, Turkey Adana Power Plant	Control System Implementation and Start-up for CIPS Transfer System	2009
OZG ENERGY , Turkey Hamitabat Power Plant	Fuel oil Storage and Distribution System Instrumentation Engineering and Supply	2008
ADVANSA, Turkey Adana Power Plant	2x HT Boiler Control System Design, Engineering including Burner Management System and Start-up	2008
DOGA ENERGY, Turkey Bahcesehir Power Plant	Monitoring System for Liquid Fuel Pressures of the Gas Turbines	2008
ENERJISA, Turkey Izmit Combined Cycle Power Plant	Isochronous Mode Scenarios Between Generators, Load Sharing, Load Shedding Automation	2008

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ISKENDERUN IRON & STEEL FACTORY, Turkey Water Network Control & Monitoring	Electrical, Automation, Instrumentation and Control Works	2008
KONYA SUGAR, Turkey Cumra Sugar Factory	Electrical Systems & Automation of Pulp Drying Facility & Thin Juice Decalcification Unit and Lime Kiln	2008
AKENERJI, Turkey Aksa Akal Factory	ABB Remote Terminal Unit (RTU) Data Exchange System	2008
SCA SELKASAN, Turkey SCA Selkasan Manisa Power Plant	Automation of Steam Boiler, Heat Recovery Steam Boiler and BOP; Design, Engineering including Burner Management System, Implementation, Supply and Start-up.	2008
ISKENDERUN IRON & STEEL FACTORY, Turkey Slab Casting Plant O <sub>2</sub> Pressure Reducing Station	Turn-key Design, Implementation, Supply and Start-up of 6X O <sub>2</sub> , Ar, H <sub>2</sub> Pressure Reducing Stations, Control & Monitoring System, Pressure Reducing Station; Instrumentation & Automation of Slab Casting Gas Pressure Reducing System, Supply of additional operator stations	2007
SADELMİ SPA, Turkey Aliaga Power Plant	Distributed Control System (including site services), Supply, Engineering, Commissioning & Start-up of Heat Recovery Steam Boiler	2007
TERMO HEAT, Turkey Agri Sugar Factory	Burner Management System for 2x Double Fuel Burners, 4x Single Fuel Burners, Boiler Control System for 4x Boilers (Siemens S7-300)	2007

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<b>CERKEZKOY &amp; NAR ENERGY, Turkey</b>  Cerkezkoy 48MWe Co-generation PP Plant	Design, Supply, Engineering, Commissioning & Start-up of Distributed Control System.	<b>2006</b>
<b>AKENERJI, Turkey</b>  9x Co-generation Power Plants	Supply, Engineering, Commissioning & Start-up of Distributed Control System for 9 power plants located in different regions of Turkey	<b>2002</b> <b>2006</b>
<b>ERDEMIR, Turkey</b>  Oxygen Plant # 5	Modernization of Distributed Control System	<b>2006</b>
<b>HABAS, Turkey</b>  Aliaga 230MWe Combined Cycle Power Plant	Distributed Control System, Supply, Engineering, Commissioning & Start-up	<b>2006</b>
<b>OYAK EKON PROKON, Turkey</b>  Kayseri Sugar Factory Power Plant	Complete Power Plant Distributed Control System, Supply, Engineering, Commissioning & Start-up	<b>2006</b>
<b>MILTEN, Turkey</b>	Boiler Automation System	<b>2006</b>
<b>GAZ TEKNİK - SASA, Turkey</b>  Adana Polyester Industrial Plant	Burner Management System for 11x Double Fuel Burners, Individual Vaporizer for Control System & Redundant, Master Control System for 9x Vaporizers	<b>2005</b>

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<b>SISECAM GROUP SODA INDUSTRY, Turkey</b>  Burner Replacement of 3x Boilers	Distributed Control System, Supply, Engineering, Commissioning & Start-up	<b>2005</b>
<b>KAREGE, Turkey</b>  Kemalpasa Power Plant	Distributed Control System, Supply, Engineering, commissioning & Start-up of 3x HRSG & Balance of Plant	<b>2005</b>
<b>OZTAS, Turkey</b>  Etibor-Emet 10MWe Co-generation Power Plant NG Conversion	Distributed Control System, Supply, Engineering, Commissioning & Start-up of HRSG, Balance of Plant & 34.5 kV Switchyard Systems	<b>2005</b>
<b>GAMA POWER SYSTEMS, Turkey</b>  Adana Power Plant	Design, Supply, Implementation of Boilers Control Systems and Boiler Management System	<b>2005</b>