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www.readyengineering.com

Ready is an engineering industry leader, providing controls and electrical engineering expertise to the Power Generation, Oil & Gas, and other industries in Canada, USA and around the world.

We design, upgrade and improve our customers' sophisticated control, protection, and plant power distribution systems to improve their operations.

INTERNATIONAL EXPERTISE

- Specialized Power Plant Control Systems
- Nuclear Power Generation Commissioning and Start-up
- Commissioning Resurrected Power Plant Equipment
- Oil Field Power Distribution and Electrical Design
- Oil Field Processing Facility Control System Design
- Specialized Coal Analysis and Blending for Coal Mines and Power Plants
- Coal Handling Control System Improvements
- Control System Integration of Third Party Systems
- Offshore Oil Platform Human Machine Interface (HMI) Upgrades

INDUSTRIES

- Nuclear Power Generation
- Cogen Power Generation
- Simple Cycle Power Generation
- Coal-fired Power Generation
- Fuel Blending
- Oil & Gas - Oil Fields
- Oil & Gas - Gas Processing
- Oil & Gas - Offshore Oil Platforms
- Agri-food Processing
- Pulp

COUNTRIES SERVED

Angola	Indonesia
Canada	Russia
Columbia	Sweden
Ecuador	United States
Egypt	Venezuela

FLUENT LANGUAGES

English	Punjabi
Arabic	Romanian
French	Hindi
Hungarian	Serbo-Croatian
Spanish	

Ready Engineering Corporation

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TYPICAL INTERNATIONAL PROJECT EXAMPLES

Nuclear Power Generation Facility Control System Replacement, Sweden

Provided teams responsible for improving, implementing, and tracking commissioning procedures, managed multiple troubleshooting teams, provided technical instrumentation and control system support to commissioning teams, and provided general commissioning and start-up project management and support. Using our commissioning experience, Ready quickly identified opportunities to increase efficiency, decrease bottlenecks, improve procedures and develop project tracking and controls. Ready provided the project team with expertise in the commissioning process and proactively identified project risks, proposed complete solutions, and provided short and long-term resources to implement these solutions.

100MW Power Barge, Ecuador

Provided control system, commissioning and start-up support for modifications to a power barge. Troubleshooting problems with the instrumentation and controls while programming the control system and operator graphics to match the field modifications were included in Ready's scope. As a result of control system changes and start-up support provided by Ready, the power barge output was increased by 6MW.

Combustion Turbine Facility Commissioning, Angola

Ready provided experts to support control system modification, commissioning, and start-up for two oil combustion turbines in Angola. Scope included DCS hardware review and checkout, logic and HMI modifications to meet new field design, loop checking, and on-site and remote start-up support for two Westinghouse WDPFII control systems.

Controls and Electrical Design for Oil Field Satellites and Central Processing Facility, Egypt

Provided electrical and control system design for 9 oil well satellites in (~100 wells) and central processing facilities. Design included cable tray, power distribution, electrical layouts, schematics, loop diagrams, PLC cabinet layout, termination details, PLC programming, and HMI development.

Operator Console Replacement for Offshore Oil Platforms, Indonesia

Replaced and converted all operator consoles on three oil platforms in Indonesia. A new HMI system using industry standard software and hardware replaced the legacy system developed with older technology. Utilizing Ready's database and graphic conversion tools, over 300 graphics were converted as part of the project. Operator graphic configuration, customization, and training were included in Ready's scope.

Gas Processing Facility, Russia

Provided control systems expertise to the commissioning and start-up phases of a gas processing facility in Russia. Ready's scope of work included instrumentation and control system hardware troubleshooting, control configuration troubleshooting and modifications, communication interfaces to third party control systems, and commissioning coordination and progress tracking. Ready followed up on all reported problems, helped develop solutions, monitored progress of repair teams and completed final turn over of systems to Operations. Additionally, Ready provided control system HMI training to the operations team and control system hardware and configuration training to the customer's engineers.

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