

## ServiceGrid

# Complete ABB solutions for plant auxiliary systems

### Why auxiliary systems?

Plants continue to have needs to upgrade or expand their auxiliary systems for energy efficiency, equipment life extension and demand changes. These modifications can go well beyond just the DCS to include instrumentation and electrical equipment such as VFDs, MCCs, motors, transformers and protection.

These projects are typically too small for a full EPC, but a small design firm will hand off the design to General Contractors to bid.

### ABB has a great story to tell about tying together the various equipment and service needs

#### Why an ABB solution?

ABB can provide a complete equipment and service solution for these types of systems outside of any skid equipment (chiller, compressor). ABB's open control system allows seamless integration of a variety of devices and systems, both ABB and non-ABB. ABB's systems provide integrated control and supervision of low and medium voltage breakers and switchgear, motor control centers, and VFDs in addition to standard DCS process controls.

#### Our product and service offerings

We have a complete solution to match our customers' needs

- Procurement of equipment and integration per customer design package
  - DCS
  - VFDs
  - MCCs
  - Instrumentation
  - Switchgear
  - Motors
- Provide engineering details around the electrical and controls package in addition to the procurement of equipment and integration to meet specification
- Flexibility in OEM equipment if required to match plant standards
- Complete system test and on-site commissioning



#### Advantages of a solution bid project

- Simplified project procurement and execution for the plant personnel, a design firm or general contractor
- Reduced project risks
- Lower overall delivered project cost through shorter engineering, installation and commissioning periods due to reduced complexity
- Smaller number and variety of equipment in the plant reduces training costs and spare parts supply
- Single window access to process and electric devices, alarms, displays, etc
- Enhanced maintenance capabilities
- Opportunity to reduce energy costs through more effective energy management
- Reduced scope gaps and therefore change orders caused by multiple vendors

# Contact us

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