

Why is SCADA important for power distribution system?

SCADA maximizes the efficiency of power distribution system by providing the features like real-time view into the operations, data trending and logging, maintaining desired voltages, currents and power factors, generating alarms, etc.

What is SCADA & how does it work?

SCADA performs automatic monitoring, protecting and controlling of various equipments in distribution systems with the use of Intelligent Electronic Devices (or RTUs). It restores the power service during fault condition and also maintains the desired operating conditions.

Who makes the equipment for Czechoslovak nuclear power plants?

90% of equipment for Czechoslovak power plants, including nuclear power plants, was manufactured by domestic companies. We work in accordance with the requirements of the Updated State Energy Concept and the National Action Plan for the Development of Nuclear Energy.

Why is the CPIA supported by the Czech government?

The CPIA is supported by the Czech government because it meets, among other things, the official requirements of the Updated State Energy Concept and the National Action Plan for the Development of Nuclear Energy. Any Czech supply company can become a member of the Alliance, supplying:

Can a Czech supply company become a member of the Alliance?

Any Czech supply company can become a member of the Alliance, supplying: If you are interested, please contact us at katerina.brozkova@cpia.cz.

What is RTU in SCADA?

RTU is the main component in SCADA system that has a direct connection with various sensors, meters and actuators associated with a control environment.

Emerson's Sustainable Grid Solutions transform unpredictable renewable, distributed energy into predictable, reliable power using real-time demand forecasting, operational visibility and analytics across the power network.

Visualization and control of the energy system at a meat production facility in the Czech town of Policka. September 28, 2020 | Reliance SCADA. MASO UZENINY POLICKA (translated as "Meat and Smoked Meats Policka") is a Czech joint-stock company specializing in the production of meat and meat products. It is one of the largest beef suppliers in ...

These field-mounted and explosion-proof flow computers provide a new solution to flow metering and flow computing where challenges with power, safety, and measurement accuracy are addressed, delivering a more convenient approach to remote oil and gas production sites.

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The Reliance SCADA system was chosen by the EGC - EnerGoConsult CB company to monitor the operation of seven wind farms. The application provides a global overview and detailed views of the farms indicating wind speed, real-time output values, and daily power generation for each wind turbine or farm.

Dalkia Industry CZ provides the supply and distribution of electric power, the production and distribution of heat, hot water, and compressed air, and also provides cooling for OKD-owned mines through production and distribution devices that ...

Fast forward to the present and the range of power sector technologies that we design and help to implement has significantly risen: Ancillary services for transmission system operators (electric boilers, load banks, generators, batteries) Biomass burning CHP and heating plants ; Thermal energy storage ; Hydrogen generation (electrolysis)

CPIA was established in September 2015 as a non-exclusive partnership of companies operating in the field of design, production, supply and installation in projects of construction, service, modernization and decommissioning of energy sources, including nuclear power plants.



Czechia scada systems for electric power industry

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