Solar power generation control platform

Overview

Solar farm operators require a reliable, open, scalable and integrated automation platform with a power plant controller (PPC) specifically designed to monitor, operate and manage assets at a single site or a fleet of sites. Ovation Green SCADA systems support grid stability and operational flexibility for any solar farm or plant type. Solar power producers are seeking to implement renewable assets in a manner. Photovoltaic Power Plants provide a growing share within the generation mix as guaranteeing CO_2 free and cheap energy. Reliable, grid code conform real time control and monitoring of photovoltaic power plants based on the well-known Siemens SICAM A8000 product family ensures meeting regulatory. Maximize yields and meet Transmission System Operator (TSO) stability & power quality requirements at Point of Connection (PoC) with ETAP Power Plant Control solution. Control solar with unprecedented precision, allowing G100 compliance and maximising solar efficiency. It includes pre-built functionality for monitoring and control of circuit breakers, transformers, switchgears, inverters, alarms.

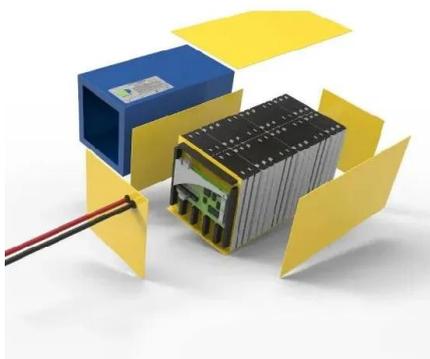# Solar power generation control platform

Maximizing Generation: Real-Time Plant Monitoring/ Solar SCADA

Elevate the efficiency of rooftop and ground-mounted Solar PV plants using the IIoTNext Platform. Explore the key to maximizing generation and achieving unparalleled performance in renewable ...

Real Time Solar PV Monitoring & Management Software

Solar PV monitoring and management software for connecting to, analysing and remotely controlling all solar generation and storage assets. Control solar with unprecedented precision, allowing G100 ...

Field Monitoring System for Solar Power Plants

It includes pre-built functionality for monitoring and control of circuit breakers, transformers, switchgears, inverters, alarms, diagnostics, trends and reports, with multi-site installation experience of more than ...

ETAP Power Plant Controller , ETAP Grid Code Compliance

In today's dynamic energy generation environment, power plant owners require sophisticated & integrated control solutions to meet a variety of operational compliance and interconnection standards.

Power Plant Manager , Energy management for power plants , SMA Solar

With the new Power Plant Manager, SMA offers a complete solution for the energy management of megawatt-range PV power plants.

Solar SCADA System

Emerson's Ovation(TM) Green SCADA system and automation software can help control critical solar power generation processes, increase operational efficiencies and megawatt production, and realize ...

Photovoltaic Plant Control

Photovoltaic Plant Control supports reliable, grid code conform control and monitoring of supplied power for stable operation of a PV power plant.

Power Plant Controller (PPC) , Inion Software

At Inion Software, we design and develop advanced Power Plant Controllers (PPC) to ensure efficient, reliable, and grid-compliant operation of power generation facilities.

Development of a smart cloud-based monitoring system for solar

This architecture ensures that solar power systems are efficiently monitored and managed in real-time, providing users with valuable insights into their energy generation and consumption, ...

Solar SCADA: Supervision system

Connect every crucial element of your power plant. Our platform bridges the different components, allowing for seamless solar controller configuration, communication and data exchange.

Contact Us

For catalog requests, pricing, or partnerships, please visit:
https://www.xraydiamondsolutions.co.za