

SCADA Engineer


 GLOBAL PROVIDER OF **INNOVATIVE PV SOLUTIONS**


Established in 2007, Solarpro is one of the leading players in Central and Eastern Europe in the renewable energy solutions (photovoltaics sector). With over 1 000 employees in 9 countries, we offer wide range of smart energy systems and solutions. With more than 7 GWp installed capacity and more than 100 PV plants under operation, we have gained significant experience in engineering, installation, operation and maintenance of PV systems (on-grid, off-grid and hybrid). We have been trading for over 15 years and take pride in delivering project specific solutions, sustainable results and added value to our clients.

We are currently looking for a SCADA Engineer.

➤ MAIN RESPONSIBILITIES:

- Support the development and design process for all SCADA related topics for solar power plant;
- Support the procurement team & pre-bid team with technical expertise throughout different project & pre-bid phases;
- Develop and coordinate the design of monitoring and control systems for utility scale & commercial solar PV i.e SCADA units, Power Plant Controller, RTU and IT equipment;
- Specify monitoring equipment, meteorological stations, weather sensors, PLC's, network topology / architectures of FO rings, human machine interfaces (HMIs) and other equipment together with other project stakeholders;
- Integration of major components into SCADA, such as inverters, meteo stations, energy meters, UPS, protections relays and security system;
- Develop detailed design documentation including signal lists, IP address lists, wiring diagrams and equipment lists;
- Work on Power Plant Controller compliance with grid connection requirement in cooperation with the Grid team;
- Generate project documentation including commissioning documents, as-built drawings, operator manuals and training material;
- Work with the project team to report project status, risks and mitigation measures;
- Work with the SCADA suppliers to validate functionality of the site SCADA system, power plant controller and HMI;
- Coordinate with on-site engineers for commissioning and installation support;
- Support existing projects in SCADA troubleshooting and diagnostics.

➤ YOUR PROFILE

- Experience relevant to solar/wind power systems and automation engineering;
- Working knowledge of industrial and utility electrical control and protection systems;
- Understanding of substation automation and SCADADCS system;
- Experience in DCS and SCADA communication networks and protocols.
- Knowledge of communication protocols (Modbus, OPC UA/DA, IEC 61850, IEC 60870-101/104, etc..)
- Capability to utilize standard engineering principles in commissioning & integration of different plant components with SCADA & monitoring system;
- Knowledge of Cybersecurity networking;
- Ability to interpret diagrams and schematics including but not limited to: power protections systems, networking and control, electrical, mechanical and civil drawings;
- Experience on documentation generation and organization based on standards is preferable.
- Experience with Autocad or similar tools to generate SCADA architectures, network diagrams, etc
- Working experience with PLC/RTU in solar power plants is a plus.

➤ WE OFFER

- Development in a multinational company operating in several EU countries;
- Opportunity to gain knowledge in highly developing sector in the field of green energy and environment friendly solutions;
- Excellent working conditions including opportunities for home office, social benefits, etc.;
- Be part of a team of professionals, knowledge leaders in PV sector in East Europe.

If you're interested in joining the Solarpro team, please send us a CV and a Cover letter (optional) to the following address: hr@solarpro.bg

www.solarpro.bg

