

Job Description: SCADA Engineer

Overview

TerraWatt, an engineering and commissioning company specializing in T&D, renewable energy, and data center infrastructure, is looking for a junior SCADA engineer to join its team. As a SCADA engineer, you will be involved in substation SCADA system design, engineering and commissioning, working closely with other team members and contributing to project success. You will have the opportunity both to learn and to lead along other experienced professionals on the projects and contribute to our mission of delivering world-class electrical solutions.

Key Responsibilities

Design and Engineering

Developing and engineering SCADA and RTU systems for substation automation and control.

Implementation and integration of IEC61850 standards in SCADA and RTU systems.

Review and update electrical schematics and diagrams as per design specifications.

Commissioning and Testing

Functional testing of SCADA and RTU devices and systems.

Perform pre-commissioning checks and system verifications.

Support on-site commissioning activities, ensuring compliance with safety and quality standards.

Project Management

Collaborate with cross-functional teams on large-scale projects.

Track and report project progress, issues, and risks.

Provide technical support and documentation throughout the project lifecycle.

Technical Expertise and Development

Learn and apply the latest developments in substation automation technology.

Contribute to internal knowledge sharing and training initiatives.

Participate in continuous improvement programs to enhance operational efficiency.

Client and Stakeholder Interaction

Engage with clients to understand their specific needs and provide feedback.

Coordinate with vendors and contractors to ensure the successful implementation of projects.

Maintain transparent communication with all stakeholders throughout project phases.

Qualifications

- Bachelor's or Master's degree in Electrical Engineering, with a focus on power systems or related field of study.
- Experience and interest in the design, engineering, and commissioning of substation SCADA systems.
- Good knowledge of SCADA and RTU device programming and configuration software, ideally with exposure to DIGSI 4/5, ABB/Hitachi PCM 600, and similar tools.

Skills

- Strong analytical and problem-solving abilities.
- Excellent communication and teamwork skills.
- Ability to manage multiple tasks simultaneously.
- Detail-oriented with a commitment to safety and quality standards.

To apply, please send your CV and relevant information to lovre.smircic@terrawatt.eu or apply using our website [SCADA Engineer \(terrawatt.eu\)](https://www.terrawatt.eu)