

Job Description



Job Title:	SCADA Power Systems Engineer		
Location:	Loveland, CO	Travel Required:	Minimal
Level/Salary Range:	\$105,000 - \$115,000	Position Type:	Full-Time
Date Posted:	10/01/2018	Posting Expires:	11/01/2018
Mandatory Job Requirements:	A DoE designated Low-Risk Background Investigation (BI) clearance preferred, or the ability to obtain such clearance.		
Applications Accepted By:			
E-mail: Michelle Might, Corporate Recruiter, michelle.might@imcva.com Email Subject Line: SCADA Power Systems Engineer			
Job Description			

Responsibilities

- Act as a subject matter expert supporting the SCADA Group in the area of power system modeling and displays, and associated applications.
- Use power system modeling tools to investigate issues with the TSM model and make appropriate changes.
- Examine and identify issues with the EMS network model when it is not solving or converging.
- Use ICCP data, one-line diagrams, and ratings documents from WAPA and neighboring electric utilities to update the model when facility changes/additions are made.
- Responsible for identifying and addressing gaps in processes.
- Assist in the development and operationalization of procedures and ensure compliance with applicable NERC/FERC Standards.

Required Qualifications and Skills:

Note: These are mandatory items that all candidates must have when making application to IMC for this position. Please ensure that your submission addresses each of these requirement items. Candidates without these required elements will not be considered.

- Bachelor's degree in Electrical Engineering, Control Systems Engineering, or Computer Engineering from ABET accredited school.
- 4+ years of relevant experience supporting power system applications and/or power operations.
- Excellent communication skills, analytical ability, strong judgement and leadership skills and the ability to work effectively with partners and colleagues both technical and non-technical.
- Dedicated and self-driven desire to research current information in the power SCADA/EMS landscape.
- Recommend tools to improve the environment supporting Power System Dispatchers.
- Ability to work weekends, after-hours and/or on-call as necessary.
- Ability to travel as needed (less than one week per quarter).
- **A DoE designated Low-Risk Background Investigation (BI) clearance preferred, or the ability to obtain such clearance.**



Desired Qualifications and Skills:

- Understanding of SQL Databases or relational databases in general.
- Familiarity with Unix.
- Advanced-level knowledge in SCADA/EMS applications; including power system modeling, state estimation, contingency analysis, power flow, and others.
- Experience with the GE XA/21 EMS system is a plus.
- Experience working in an ITIL based environment a plus.

Background Information

This position will be working as a member of the IMC team on contract to Western Area Power Administration (WAPA), which is a part of a division within the Department of Energy (DOE). WAPA's mission is to market and deliver clean, renewable, reliable, cost-based federal hydroelectric power and related services.

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