

Aerotek is currently recruiting candidates for a Transmission Planning Engineer in Houston, TX. Candidates must be from Texas or have recent work experience with ERCOT. Pay is depending on experience. The job Description and contact info are listed below.

Responsibilities:

Perform load flow analyses using PSS/E and/or MUST or other programs for the various regional electric power markets in the U.S. with primary emphasis on the ERCOT region. Maintaining inputs necessary to perform analysis, and calibrating network models for ERCOT. Participating in ERCOT working groups such as the SSWG, DWG, and other similar groups. Perform studies to determine impact of new generation and transmission upgrades on prices and congestion.

Direct, coordinate, and project manage generation interconnection requests. This includes running studies, directing and reviewing work of third party vendors and coordinating with ERCOT, other TSPs and requesting IPP. Incumbent would be expected to develop overall plans and procedures for generation interconnection process.

Apply knowledge of transmission, along with the rules of the wholesale power markets. Stay abreast of ISO developments, congestion management practices and changes to the transmission grid within their area of responsibility

Qualifications:

BSEE from ABET accredited university and at least 3 years power transmission industry experience and ERCOT market experience is required. Must be highly experienced in performing load flow analysis. Must have working knowledge of short circuit/fault and dynamic analysis. Knowledge of ERCOT protocols.. Thorough knowledge the underlying principles of the power transmission system is required. Must also have a thorough and detailed knowledge of data sources for regional load flow analyses (transmission line data, generator data and load data). A high level working knowledge of existing and developing wholesale markets and economic and financial principles is desirable

Regards,

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