OVERVIEW

Mr. Naveira has over 11 years in the energy industry as a data analyst and data administrator. His expertise includes:

- Data administration,

- Information analyses,

- Database management,

- Distribution system design,

- Transmission expansion and planning procedures, and

- Transmission service and delivery studies.

Mr. Naveira has a proven ability to analyze and manage complex data and large datasets. He specializes in supporting industry projects including transmission planning and analysis, load forecasts, and load analytics studies to support power supply resource and delivery facility planning, retail cost-of-service and rate studies. He is currently participating in numerous projects, providing a wide range of services, including research, data management, tool development, analysis, and reporting. His expertise is in data manipulation, analysis and reporting through programming code and creation of databases. Mr. Naveira has experience in transmission planning and analysis matters, and has helped assess the transmission systems and markets of the MidContinent Independent System Operator (MISO), Southwest Power Pool (SPP), PJM, and ERCOT including historical transmission assessments.

PROJECT EXPERIENCE

Transmission Analysis Support

Mr. Naveira is the lead programmer in developing a Microsoft Excel post processing tool for transient stability studies. The tool uses the results from PSSE/PSLF as part of a series of inputs to create a user friendly summary of the results to be reviewed. As an analyst, Mr. Naveira assists executive and senior consultants performing a wide range of assignments such as:

- Market, generation, and transmission expansion research and associated updates;

- Resource congestion and curtailment analyses and support;

- Security Constrained Economic Dispatch (SCED), nodal costs/benefit, congestion and loss analyses support;

- Transmission service, interconnection, and open-access transmission support;

- Generation, energy market, transmission simulation and cost analyses;

- Transmission assessment reporting support;

- Analysis of historical market performance;

- Analysis of ISOs historical and current binding constraints; and

- Transmission power flow analysis using PowerGem's TARA and ProMod's PAT.

Load Forecasting Services

Mr. Naveira has assisted in the preparation of load forecasts for multiple utilities across the country. The load forecast entails a separate econometric forecast for each utility member and relies on economic data from multiple sources. He has also compiled and analyzed economic data, gathered weather data from multiple weather stations throughout the utility locale, and helped creating a Microsoft Excel tool to analyze and create report tables for such data.

Load Research Analysis

Mr. Naveira has also assisted multiple utility cooperatives in developing a load research program tool based on a combination of a Microsoft Access database and an analytical tool in Microsoft Excel. The Microsoft Excel file was developed to manipulate files from the cooperatives 15-minute interval load metering system, and store them in the Microsoft Access database. Over 1,206 meter locations were stored and analyzed. As part of the functionality of the Excel tool, the metering data was analyzed using Visual Basic for Applications (VBA) for data anomalies and summarize resulting load estimates, including hourly loads profiles, non- coincident peak, and contribution to the system peak.

PROFESSIONAL HISTORY

Mr. Naveira began his professional career 11 years ago as a data administrator with R.W. Beck, Inc. and its successors, SAIC and Leidos Engineering. During that time, he grew his knowledge in the energy industry progressing from an entry level data manager position to the level of Analyst with significant project and client relationship management responsibilities.

EDUCATIONAL AND PERSONAL

Mr. Naveira's educational background includes an A.S. degree in Computer Programming and Analysis, and an A.S. degree in Database Technology from Valencia Community College. He also has completed technical certifications for Database Administration, and Computer Programming Specialist.