Job Description

Energy Analyst - Electric Forecasting-08510

The future is bright at DTE Energy! We are the largest electric and gas utility in Michigan with an aspiration to be the best-operated energy company in North America. We are a Fortune 500 company headquartered in Detroit, Michigan with businesses in 26 different states.

DTE Energy's utility and non-utility businesses are poised for significant growth. We look forward to working with highly motivated and team-oriented individuals to energize our efforts of growing economically and environmentally.

We care for our employees and prioritize their health and safety first. Recently, DTE Energy has been recognized as an outstanding place to work and has received the following accolades:

- Gallup Great Workplace Award for 3 consecutive Years! (2013, 2014 and 2015)
- Metropolitan Detroit's 101 Best and Brightest Companies to work For
- J.D. Power Customer Satisfaction Award
- Professional Women’s Magazine/Black EOE Journal “Best of the Best”
- Computerworld’s 100 Best Places to Work in IT
- Best Employers for a Healthy Lifestyle Gold Award
- Detroit Free Press Green Leaders Award

DTE Energy is an equal opportunity employer and considers all qualified applicants without regard to race, color, sex, sexual orientation, gender identity, age, religion, disability, national origin, citizenship, height, weight, genetic information, marital status, pregnancy, protected veteran status or any other status protected by law.

Description

Job Summary:
Performs monthly sales and demand analysis and forecasting. Performs monthly variance analysis and report results to Management.

Accountabilities:

- Develops class-level monthly load forecasts from the annual sales forecasts
- Performs temperature-normalization of monthly sales and daily demand
- Develops short-term forecast updates i.e., six months of monthly sales
- Prepares monthly reports to Senior Management providing variance analysis, causes and implications
- Monitors historical bundled sales, retail choice sales and daily demands, maintaining information in appropriate databases

Qualifications

- **Minimum:** Bachelor’s degree in Mathematics, Statistics, Finance, Economics, Computer Science or related technical field (will consider all candidates who are graduating by August 2016 with their Bachelor’s degree in one of the above listed disciplines)
- Two years of experience in forecasting/load research, statistical modeling experience or related area of expertise
- Must have working knowledge of regression analysis, econometric modeling and statistical testing
- Background in model building software packages such as SAS, R and SPSS, history with large datasets preferred
- Must possess sound judgment, initiative and problem solving skills
- Proficiency in the following software applications sufficient to supply/support them with minimal instruction or guidance: Microsoft Office Suite (Word, Excel and PowerPoint). This level of proficiency is typically attainable through 3-plus years of substantive experience with these applications
- Ability to work with time constraints and handle stressful situations in a calm and professional manner
- Ability to work with minimal supervision and maintain strong working relationships with peers

Job Function Strategy, Performance & Continuous Improvement
Primary Location: Michigan-Southeast Michigan-Detroit
One Energy Plaza
Detroit 48226

Job Type: Regular

Is this position covered under a Collective Bargaining Agreement? No

Skills Based Testing Required: Not Applicable

External Pre-Hire Assessment Required: Professional Pre-Hire Assessment

This position is a Department of Transportation (DOT) covered position and must pass DOT drug screen and is subject to random drug testing. No

NERC-CIP Authorization: This position will require authorized unescorted access (cyber and/or physical) to NERC-CIP (North American Electric Reliability Corp. — Critical Infrastructure Protection Cyber Security Standards) controlled assets or documents? No

CFATS Authorization: This position will require authorized unescorted access to restricted areas and/or access to critical assets of a CFATS (Chemical Facility Anti-Terrorism Standards) designated High Risk Chemical Facility? No

FERC Training: This position will require Federal Energy Regulatory Commission (FERC) Gas Training qualifications No