Planning Analyst (Load Forecasting and Analysis)

The Electric Reliability Council of Texas (ERCOT) manages the flow of electric power to 23 million Texas customers - representing 85 percent of the state's electric load. As the independent system operator for the region, ERCOT schedules power on an electric grid that connects 40,500 miles of transmission lines and more than 550 generation units. ERCOT also performs financial settlement for the competitive wholesale bulk-power market and administers retail switching for 6.7 million premises in competitive choice areas. ERCOT is a membership-based 501(c)(4) non-profit corporation, governed by a board of directors and subject to oversight by the Public Utility Commission of Texas and the Texas Legislature. ERCOT's members include consumers, cooperatives, generators, power marketers, retail electric providers, investor-owned electric utilities (transmission and distribution providers), and municipal-owned electric utilities.

ERCOT offers an excellent benefits package, which includes health, dental, vision, life insurance, long/short-term disability insurance, long-term care insurance, Section 125 Flexible Spending Account, and a Retirement Savings Plan. For more information, ERCOT's Benefits Summary is located on our website in the careers section.

Job Responsibilities

The Analyst will provide technical expertise to ISO and Load Forecasting, support the development of load forecasting methodologies and training, and assist in the formulating of ISO load policy issues.

- Review and analyze historical events for gathering data from independent sources to develop and utilize statistical models
- Create estimates for the ERCOT Control Area annual energy and monthly peak models that involve economic forecasts, historical database updates and maintenance
- Assist in developing the ERCOT, state, and sub-area energy and peak forecasts
- Develop and enhance energy efficiency models, demand response models, and other energy models (plug in electric vehicles, distributive generation models) and incorporate their impacts to the monthly demand and energy forecast

Job Requirements

- Bachelor's degree in Economics, Statistics or Mathematics, Engineering or related field
- Experience in utility load forecasting or equivalent processes

- Experience applying statistical methods computer applications (SAS, Excel, SQL) and tools in forecasting and analysis

PLEASE APPLY ONLINE AT: https://external-ercot.icims.com/jobs/1334/job

Or email resume to prinehart@ercot.com<mailto:prinehart@ercot.com>.