

Forecast Planning Analyst (4324)

February 5, 2020

Aloha e Hawaiian Electric,

In high school, I was a straight-A student, physics and math whiz, Senior Class president and star athlete. This earned me an appointment to Air Force Academy where I planned to major in Engineering and become a fighter pilot. In my final review while visiting AFA, they measured me and found my legs were too long to fly jets. I decided instead to select a state university in Idaho and major in nuclear engineering.

As a scholarship basketball player, conflict with labs and athletic practices in my junior year forced me to transfer my major pursuit to Economics. Professors were hungry for my strong science, statistics and advanced math background. As a senior, the department offered me a research position — first undergraduate in their history. Working with my lead professor, I developed a multi-variate forecasting model to predict the price of potato futures. The State of Idaho Department of Agriculture adapted our model for their needs. This was a first for the government agency.

Working on my PhD, I developed advanced forecasting models for energy policy. This work related to the WIPP — Waste Isolation Pilot Project — a nuclear waste repository located in SE New Mexico. I've provided analysis of energy policy for over ten years. In recent years, I provided IT support for solar panel manufacturing. One of the projects I assisted with NASA, Parker Solar Probe, is currently mapping the sun.

I provide Business Intelligence or BI. I support senior executives, testify before legislative groups and governor task forces. I provide analysis, database development, research & forecasting, economic assessments, as well as design software and business applications.

STRENGTHS

People who know me say I'm extremely positive and optimistic. They call me a “can do” person. I love challenges — or puzzles, as I call them. I enjoy people; am a strong team player; and work hard to inspire those around me each day.

Let me know if you would like to talk further about this opportunity.

Thank you for your time,

\s\ Scott Goold \s\
Scott Goold



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We recognize our competitive advantage -- our people. We believe in our people, who share our vision of meeting the needs of our employees, customers, and communities and who carry out the continued success of the company.

Our employees are committed to the company's foundational values: integrity, excellence, teamwork, environmental stewardship, and community commitment. In turn, we invest in our employees, providing opportunities for challenge and advancement and offering a competitive compensation package.

Posting End Date: 2/25/2020 at 11:59PM HST

BRIEF POSTING DESCRIPTION:

The Forecasting Department of the Technical Planning Services Division at Hawaiian Electric Company has two (2) Management vacancies available. (Role: Professional)

JOB FUNCTION:

Performs energy planning and analyses efforts related to the development of the energy and demand forecasts for Hawaiian Electric, Hawaii Electric Light and Maui Electric Companies (the Companies) that support strategic and operational planning initiatives. Provides technical support with expanded assignments in the Company's corporate planning initiatives and policies.

FUNDAMENTAL RESPONSIBILITIES:

Plans, designs and develops the energy and demand forecast and planning initiatives that support strategic areas of focus for the Companies. Develops energy use and peak demand forecasts to support resource and operational planning. Independently carries out complex assignments resulting in the development of new or improved techniques, procedures and risk assessment.

Plans, designs, develops, specifies and coordinates analysis surrounding changes in the structure of the energy industry and anticipates resulting impacts on the Companies' system from customer sited technologies. Identifies the need for and designs, coordinates, and implements, studies to support models and framework for forecasting consumer demand, sales and revenues. Perform hindsight metrics of forecast performance and makes recommendations to improve overall forecasting capabilities.

Serves as the expert in matters related to the development of unbilled sales and revenue estimates. Manages the development of monthly unbilled estimates for the Companies and advises the manager regarding necessary steps to ensure and maintain the integrity of the unbilled process.

Creates, develops, and/or delivers planning expert testimony, responses to informational requests, and other assignments supporting the subject matter before various internal entities and external agencies such as the Hawaii Public Utilities Commission and the Consumer Advocate. Develops, modifies, tests, implements, documents and operates complex technical statistical/scientific/engineering algorithms supporting energy and demand modeling including load profiling by end use, class of service, system or other defined user segments.

FUNDAMENTAL REQUIREMENTS:

Knowledge Requirements

Undergraduate degree in a quantitative analytical discipline such as operations research, engineering, physical sciences, applied mathematics, statistics, economics or finance. Advanced degree (Master's) desired.

Extensive knowledge of quantitative analysis methods normally acquired through college level courses or equivalent experience.

Working knowledge of utility economic analysis methods including, but not limited to, derivation of financial parameters, financial present value and pro forma analysis, depreciation, revenue requirements, and rates of return, cash flow, accounting concepts; and use and application of market research information.

Working knowledge of engineering principles, theories and cost analysis as they apply to customer-site renewable, energy efficient and emerging technologies desired.

Working knowledge of utility economic analysis, rates and tariffs, scenario planning, clean energy corporate goals and existing and developing company initiatives.

Thorough knowledge of personal computers and related software applications to include word processing, spreadsheet, presentations, databases, and statistical modeling.

Skills Requirements

Excellent written and oral communication skills. Must be able to concisely identify and communicate relevant issues in both written and oral form using effective reasoning and logical presentation of data to support recommendations and/or company positions.

Excellent interpersonal skills. Ability to develop and maintain working relationships with individuals at all levels.

Excellent analytical, organizational, conceptual, and problem solving skills to handle various complex projects and programs.

Superior attention to detail in analytical assessments; thrives on developing and maintaining high quality reports and assessments and considers effects of decision in upstream or downstream information flows

Ability to apply technical concepts and methodologies in developing forecasts and analyses; ability to keep regulatory quality documentation of study/projects, and complete tasks accurately, efficiently, and in a timely manner.

Ability to synthesize/integrate important information from large volumes of data; offer solutions and recommendations.

Demonstrated leadership, organizational, planning and time management skills to handle multiple projects and programs at the same time.

Experience Requirements

Undergraduate degree in a quantitative analytical discipline such as operations research, engineering, physics, applied mathematics, statistics, economics or finance. 7 years of experience may be substituted for advanced degree.

Several (5+) years of experience in one or more of the following areas related to energy or demand forecasting, data analytics, financial planning or economics.

Role: Professional

Number of Vacancies: 1

Work Schedule: Monday - Friday

Work Hours: 7:30 am - 4:00 pm

Lunch: 30 Minutes

Location: Waterhouse – Oahu

About Hawaiian Electric Companies

Hawaiian Electric Companies provide electricity and services to 95 percent of the state's 1.4 million residents. The company is also one of the state's leading employers and a major contributor and supporter of community and educational programs.

The demand for power that has fueled the growth of the Hawaiian Islands has been met by Hawaiian Electric Companies for well over a century. And as the next millennium unfolds, the company is committed to providing quality service and seeking clean local energy sources to power generations of Hawaii families and businesses to come. Visit us at <http://hawaiianelectric.com>. Interested individuals should apply online. The application must clearly indicate the demonstrated experience/knowledge/skills/abilities the candidate possesses which specifically qualifies him/her for the position.

Should there be no candidates with this experience, the company may consider applicants without such experience who meet the knowledge/skill requirements. If such a candidate is hired, he or she will initially be placed on a development plan commensurate with his/her education and experience level.

Applicant Certification

By submitting an application for the position, candidates:

1. Authorize the Hawaiian Electric Companies to confirm all statements contained in the application and/or any materials submitted and made a part of the application as they relate to the position and to the extent permitted by law;
2. Authorize and consent to, without reservation, the Hawaiian Electric Companies sharing any and all information regarding previous or present employment, educational training or personal information from their records and from any other source with the hiring department or subsidiary company;
3. Release, discharge, and hold harmless, Hawaiian Electric Companies, from any and all liability for any damage which may be claimed as a result of furnishing such information to the hiring department or subsidiary company;
4. Authorizes release and transfer of all personnel records to be maintained by the hiring company in the event of an inter-company transfer; and
5. Authorize, direct, and consent to Hawaiian Electric Companies and/or its authorized agents to conduct investigations into candidates' background. These investigations may include, but are not limited to searches for information about applicants; record of criminal convictions to the extent permitted by law, education records, professional certifications, personal character references, and employment history.

EEO Statement

Hawaiian Electric Companies is an equal employment opportunity/affirmative action employer. We actively seek diversity among our employees. We do not discriminate on the basis of age, race, color, religion, sex/gender (including gender identity/expression), ancestry/national origin, disability, marital status, arrest and court record, sexual orientation, pregnancy, veteran status, genetic information, domestic or sexual violence victim status, or other protected categories in accordance with state and federal laws. We further encourage individuals with disabilities, minorities, veterans and women to apply.

Hawaiian Electric Companies complies with Title I of the Americans with Disabilities Act. Any request for reasonable accommodation needed during the application process should be communicated by the candidate to the HR Service Center at (808) 543-4848.

Affiliate Disclaimer

Hawaiian Electric Company, Inc., Maui Electric Company, and Hawaii Electric Light (“Company”) are Hawaii Public Utilities Commission (“PUC”) regulated companies. The disclosure relating to Affiliate Transaction Requirements that follows is made pursuant to the PUC’s Decision and Order No. 35962, issued on December 19, 2018, and subsequently modified by Order No. 36112, issued on January 24, 2019 in Docket No. 2018-0065.

By submitting your application, you understand and acknowledge that, if you are hired by the Company and subsequently transferred, assigned or otherwise employed by an Affiliate, said Affiliate will be required to make a one-time payment to the Company in an amount equivalent to twenty-five percent (25%) of your base annual compensation.

In addition, if you are hired by the Company and subsequently transferred, assigned or otherwise employed by an Affiliate or an Affiliate-Related Entity, for a period of one year, you cannot appear in negotiations or otherwise interact directly with the Company or work on the same matter that you worked on while with the Company.

Affiliate is defined as “any person or entity that possesses an ‘affiliate interest’ in a utility as defined by section 269-19.5, Hawaii Revised Statutes (“HRS”), including a utility’s parent holding company, except as otherwise provided by HRS section 269-19.5(h).”

Affiliate-Related Entity is defined as “a third party that provides electricity-related services in a regulated utility’s service territory that has a material financial, operational, or ownership interest with an unregulated affiliate of the utility and of whom the utility has reasonable knowledge.”

For a current list of all Affiliates and Affiliate-Related Entities, please see:

<https://www.hawaiianelectric.com/about-us/key-performance-metrics/financial/affiliate-transactions>

<https://www.mauielectric.com/about-us/key-performance-metrics/financial/affiliate-transactions>

<https://www.hawaiielectriclight.com/about-us/key-performance-metrics/financial/affiliate-transactions>

This list may be amended, updated or revised from time to time without notice.