



RENEWABLE ENERGY ENGINEERING ANALYST – SENIOR/ASSOCIATE DIRECTOR LEVEL

Endurant Energy: Company Overview

Endurant Energy's vision is to be the leading provider of microgrid and distributed energy resources in North America. Through initial feasibility to design, installation, financing, remote monitoring and long-term maintenance, we are unique in our range and depth of skills, and have a demonstrated track record of success. We are poised to accelerate the growth of the company by delivering compelling and creative solutions to customers that demand energy resiliency, reliability, low carbon footprints and an economic value proposition.

Endurant Energy seeks to expand the development team through the addition of talented, driven individuals. Our core team is composed of independent thinkers who effectively collaborate to develop and deliver viable solutions to today's energy challenges. Endurant Energy's development group leverages the interdisciplinary backgrounds and experiences of its members to develop holistic, sustainable projects. We are seeking to add an intellectually curious Senior Engineering Analyst/Associate Director to bolster our development capabilities around geothermal heating / cooling solutions specifically.

Endurant Energy is a proponent of Equal Employment Opportunities, and values diversity. We encourage all qualified candidates to apply. We have just announced our acquisition by LS Power, a leading US PE firm, specializing in energy, and have immediate plans for significant growth, which this role will play a part in creating. Visit endurant.com for more details.

Job Description

The candidate will:

- support the development of ground source heat pump (GSHP) solutions by conducting lifecycle cost analysis for geothermal development opportunities from ground loop through to and including mechanical room
- model the financial / business case for distributed energy resource (DER) solutions particularly in commercial, industrial, and institutional applications
- rely on energy interval data to visualize system operations, model economic performance using utility tariff structures, and reveal energy cost saving strategies and most optimum solution
- maintain a current understanding of emerging trends in energy markets and improvements in commercial technologies, in order to recommend the most cost-effective and advanced configuration of DER solutions
- prepare reports for clients, initially under the supervision of a more experienced team member, with the goal of quickly progressing to leading client projects
- write proposals to secure new business, initially under the supervision of a more experienced team member, with the goal of quickly progressing to leading proposals

Desired Hard Skills

- graduate degree in related field (HVAC design, geothermal design, mechanical engineering, refrigeration and thermal engineering), or 5+ years of related job experience
- competency developing hourly thermal / electric building loads using software such as eQuest, IES, or similar
- familiarity with geothermal ground loop design software (such as GLD Gaia or similar)
- familiarity with mechanical room arrangement, specifically heat pump selection and circulation pump sizing
- familiarity with other distributed energy resources, including air source heat pumps, combined heat & power, fuel cells, and/or energy storage
- strong MS Excel and, AutoCAD skills
- superior written and verbal communication skills, with an ability to convey technical ideas and information to both expert and non-expert audiences



- ability to analyze efficiency gains from geothermal integrated with other thermal energy opportunities, such as sewage heat recovery, refrigeration, and/or solar thermal
- financial modeling experience a plus

Desired Soft Skills

- proactive approach to problem solving
- comfortable in client-facing situations
- ability to work in small teams within a fast-paced environment