

Energy Simulation Engineer – Salt Lake City, UT

ETC Group (www.etcgrp.com) is seeking an experienced Energy Simulation Engineer to support our growing New Construction Integrated Design practice. This is a challenging opportunity to use your skills in a small, but growing, energetic team dedicated to helping construction projects realize energy efficiency and sustainability.

Responsibilities:

As a respected Energy Simulation Engineer with ETC Group, your responsibilities will be challenging and varied. You will:

- Provide energy simulation support and effective client communications with quick and appropriate responses to diverse new construction design projects
- Inform the strategic and technical direction of new construction design projects
- Support design teams in key aspects of optimizing building design and operation with an eye toward maximizing energy efficiency
- Concentrate on early integration with new construction design as well as consult with clients further along in the design process
- Perform design reviews
- Review and perform energy modeling work for demand side management programs
- Perform energy auditing, energy systems commissioning and retro commissioning as well as measurement and verification
- Work on multiple projects, interact with clients, ensure quality of deliverables and the completion of projects on time and within budget
- Assign tasks to project team members, receive assignments, share energy simulation technical expertise, and participate as a member of the project management team as well as work independently as needed

Requirements:

- BS in Mechanical Engineering or equivalent experience
- 3+ years relevant work experience
- Ability to work effectively with owners, architects, and engineers to help identify and communicate energy efficiency opportunities and quantify savings
- High level of competency with energy simulation software; demonstrated proficiency with eQUEST
- HVAC design experience
- Working knowledge of building energy systems
- Excellent verbal and written communication skills
- Experience working with utility demand side management programs
- Proficient time management, organizational, and presentation skills
- Ability to flexibly accommodate changes in deadlines and work focus
- High level of self-motivation
- Fluency with Microsoft Office
- Work integrity and passion
- Willingness and ability to relocate to within easy commuting distance of Salt Lake City
- Ability to or to obtain permission to work for any employer in the United State of America

Additional Desirable Skills and Attributes:

- LEED accreditation
- Experience conducting on-site field inspections, installing/operating field monitoring equipment, conducting investment grade audits, and other related tasks
- Experience with additional simulation software such as Energy Plus, TRNSYS, IES-VE

ETC Group:

ETC Group offers challenging work in an open, friendly, supportive environment with a comfortable work/life balance. We are a privately held company with intriguing project portfolio diversity including commercial, industrial, healthcare, manufacturing, and hospitality, domestic and international clients.

Other employee perks include:

- A standard 40 hour work week
- Flexible scheduling including telecommuting and tolerance for the occasional “powder day”
- Outstanding quality of life amenities including:
 - Year round outdoor recreation
 - Low crime rate
 - Low cost of living
 - Family-oriented communities
- Competitive salary based on experience
- 3 weeks paid vacation plus an additional 10 paid holidays
- A comprehensive health care plan including dental and vision benefits
- Company 401(k) with matching contribution
- Professional development support
- A bike commuter benefit

To Apply:

Please send resume and cover letter to:

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