



## Energy & Commissioning Engineer

**Primary Location:** Atlanta, Jacksonville, Tallahassee, Tampa, or Orlando

**Travel:** Approximately 20% **Schedule:** Full-time **Pay:** \$55,000-\$80,000 plus bonus

### About us

FSM (Facility Solutions & Management) is a 13-year company based in Tallahassee (with additional technician personnel in Atlanta) providing services across the country. Approximately 60% of our work is outside Florida in 16-20 states per year. Put simply, FSM makes buildings work better AND at less operating expense through our comprehensive Energy Management and Controls solutions. We pride ourselves on developing projects that make Operational, Financial, and Environmental sense; our clients' unique operational needs always come first. Our goal is to maximize client satisfaction **and** employee job satisfaction; this goal is also how we maximize our profitability.

### Job Description

This position will play a critical role within our project *development* team and will report to our Senior Program and Project Director. This includes field and office'-based engineering and energy assessments of existing buildings and systems. This position includes colleague collaboration and will often require travel; however, these trips are rarely more than 3-5 nights per month. We are seeking an exceptional candidate to join our growing company. This individual will utilize their mechanical and energy management knowledge to support our onsite assessment of energy and facility optimization projects. Though residing in Tallahassee is preferred, for the right colleague, this position, and the current and future growth of our "Professional Services" team, could also be based in Atlanta, Jacksonville, Tampa, or Orlando (where we plan to continue growing our staff presence).

### Examples of Job Responsibilities

- Support the planning, assessment, and analysis of facilities and their systems for comprehensive energy conservation and/or operating efficiency upgrades.
- Lead cost-benefit analysis and energy modelling of energy efficiency upgrade projects
- Manage facility assessment and Commissioning documentation and coordinate resolution of issues with team.
- Utilize cloud-based software platform to set up systems diagnostics for on-going performance monitoring.
- Monitor building system performance using cloud-based software to evaluate and screen identified diagnostics.
- Support commissioning site visits and produce site visit reports.
- Provide technical support to other project managers and junior engineers for building systems issues.
- Perform project management oversight and additional activities.

### Desired qualifications

- Bachelor's degree in mechanical engineering or related field a plus
- Willingness/interest to travel
- A preference for a position with empowerment and the accountability that comes with it (This person must be the true, pro-active "leader" of the Professional Services team)
- Knowledge of mechanical and electric systems, controls, lighting, and/or facility operations
- General knowledge and understanding of building automation systems including the ability to understand and document control sequences and schematics a plus
- Experience in commissioning, energy auditing, mechanical contracting, or building controls
- The experience and ability to independently lead and conduct a comprehensive energy assessment and analysis (with Cost-Benefit analysis) "Day 1. "
- Strong verbal and written communication skills including documentation and reporting
- Strong communication skills with ability to present complex technical information to a wide audience
- Proficient in using a computer and Microsoft Office (Outlook, Word, Excel, etc.)
- Ability to work independently, establish and meet project goals and schedules
- Ability to be self-motivated, proactive and an effective team player

**Pay:** \$55,000 - \$80,000 per year

**Benefits:** 100% Employee Health Coverage / Dental / Vision insurance / IRA 3% matching / Paid time off



## **Additional Relevant Job Profile Description Information**

We are seeking a highly skilled and motivated person with extensive experience in energy projects that include energy modeling and energy/carbon cost savings calculations, utility and government rebates, energy audits, and retro-commissioning. The ideal candidate will be responsible for conducting energy audits, performing detailed energy calculations, and leading retro-commissioning projects to optimize the energy performance of our clients' facilities. This role requires a strong technical background and excellent analytical skills.

### **Key Responsibilities:**

- Energy Projects (including Energy Roadmaps, Energy Audits and Assessments):
- Perform/Support Level II energy audits in accordance with ASHRAE guidelines.
- Analyze building systems and data to identify opportunities for energy savings and efficiency improvements.
- Determine facility energy or carbon benchmarks.
- Identify/prioritize facility improvement measures (FIMs) that save energy, reduce maintenance issues, and resolve code issues.
- Perform life cycle cost analysis and quantify potential energy savings for proposed facility improvement measures.
- Prepare comprehensive energy or carbon reports and energy audit reports and present findings to clients.
- Lead meetings and create presentations for clients and stakeholders.

### **Retro-Commissioning:**

- Support retro-commissioning projects, including planning, investigation, implementation, and verification.
- Conduct on-site assessments to evaluate building systems' performance and identify potential facility improvement measures to improve operations and maintenance for the equipment and systems.
- Develop and implement corrective action plans to optimize HVAC, lighting, and other building systems.
- Collaborate with facility managers, maintenance personnel, and stakeholders to ensure successful project delivery.
- Monitor and verify post-implementation performance to ensure sustained energy savings.

### **Project Management:**

- Provide project management (scope/schedule/budget) and counsel to other Project Managers when needed.
- Manage multiple projects simultaneously while maintaining timely completion within budget constraints.
- Coordinate with internal teams, external stakeholders, and vendors to secure and execute energy projects.
- Track project progress and provide regular updates to clients and senior management.

### **Technical Support and Training:**

- Provide technical support to clients and internal teams on energy efficiency best practices and technologies.
- Conduct training sessions and workshops to educate clients and staff on energy management strategies.

### **Required Qualifications:**

- Bachelor's degree in mechanical engineering, Electrical Engineering, Energy Management, or a related field.
- 4+ years in audits, commissioning, or engineering, with focus on energy projects and retro-commissioning.
- Proficiency in energy modeling software
- Strong understanding of building system operation, HVAC, lighting, renewables, and energy management.
- Experience with ASHRAE guidelines and standards for energy audits and commissioning.
- Excellent analytical, problem-solving, and project management skills.
- Strong written and verbal communication skills - Ability to present complex technical information clearly/concisely.

### **Preferred**

- Professional certifications such as CEM (Certified Energy Manager), Energy Management Professional (EMP), Building Commissioning Professional (BCxP), CCP (Certified Commissioning Professional), or LEED AP.
- Licensure as a professional engineer in the U.S.
- Experience with navigating through various Building Automation System (BAS) platforms, including their Graphical User Interfaces (GUIs), block diagrams, and other programming logic.
- Experience with fault detection diagnostic software, such as SkySpark by SkyFoundry.