



Ambient Energy Job Descriptions and Requirements

Are you ready to work where you can have real IMPACT?

Ambient Energy is seeking a Building Performance Engineer and a Commissioning Agent for our Denver office experienced in integrated design. Ambient Energy is an equal opportunity employer. Please send resumes to april@ambient-e.com.

Building Performance Engineer, Level 1 or 2, Denver Office

Minimum Requirements:

- Minimum of 5 years (level 2) or 2 years (level 1) of professional experience in energy analysis and sustainable building design.
- Proficient in Energy Plus, OpenStudio, IES-VE, or eQuest and life-cycle cost analysis.
- Able to innovate in passive solar design, HVAC, lighting, controls, renewable energy systems, and carbon neutral buildings.
- Expertise in energy and sustainability building codes and green building rating systems such as LEED, Living Building Challenge, ASHRAE 90.1, IGCC, Title 24, and CalGreen.
- Excellent communication with public speaking and technical writing skills.
- Skilled in MS Excel, Word, Powerpoint, Sketchup and Ruby or similar.
- BS in Mechanical Engineering or related discipline.
- PE or EIT and LEED-AP required for Level 2.

Key Responsibilities:

- Provide energy analysis and building performance design consulting.
 - Foster innovation in high performance design from concept through operation.
 - Collaborate with diverse project teams through goal setting and analysis of sustainable building strategies.
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Commissioning Agent, Denver Office

Minimum Requirements

- Minimum of three years of professional experience working as a Commissioning Agent or as a facilities manager.
- Experience working on at least 2 official LEED projects.
- Strong knowledge of DDC controls, mechanical and electrical systems
- Excellent technical review and editing skills.
- Experience working with large and diverse project teams.
- Experience at working in MS Outlook, Excel, Word, and Powerpoint.
- Experience with oversight of site inspections, energy audits, data gathering, analysis, site inspections, energy audits.
- Experience with functional testing, energy modeling, trend data analysis, site inspections, and measurement and verification
- Experience working with design teams, architects, contractors, and controls contractors to ensure the commissioning process meets design criteria and local/national codes.
- BS in Mechanical or Electrical Engineering or related discipline preferred.
- PE, LEED-AP, CEM, CxA, CCP, CSST, MS and/or QCxP desired

Key Responsibilities:

- Work on all tasks required for LEED commissioning services for new and existing buildings.
- Work on re and retro-commissioning projects, measurement and verification projects, and energy audit projects.
- Attend job site visits.
- Work closely with contractors, clients, consulting engineers, architects and their representatives.
- Develop professional relationships.
- Lead projects tasks from start to finish within in budget, on schedule and with high quality.
- Be highly responsive and available to clients and to our staff.
- Exceed our clients' expectations.