



## 2013 BPE Job Descriptions and Requirements

### **Building Performance Engineer, Level 1 or 2, Denver Office**

Are you ready to work where you can have real IMPACT? Ambient Energy is seeking a Building Performance Engineer, Level 1 or 2, experienced in integrative design to provide energy consulting as well as our complete range of building performance design consulting and sustainability services.

#### 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, and Ruby.
- BS in Mechanical Engineering or related discipline.
- PE or EIT and LEED-AP required for Level 2.

#### Preferred:

- Additional proficiency in daylight consulting, computational fluid dynamics, natural ventilation, and / or comfort analysis.
- Experience in commissioning, measurement and verification, and building audits.
- MS in Mechanical Engineering or related discipline.

#### 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.