



Shepherd
energy
A Division of Shepherd
Design and Construction

Job Description

Energy Analyst, BPI

The Energy Analyst visits homes of customers to identify conditions that affect energy efficiency and recommends actions to improve safety, comfort and possible savings. These actions can include weatherization, insulation, and deeper green retrofits. Analyst will also install simple energy saving devices including LED light bulbs, power strips, faucet aerators, low-flow showerheads and other energy saving measures as relevant. Salary based on experience and commission.

Responsibilities

- Positively engage customers to gather household energy data, such as type of heating system, number of persons home during day, thermostat setting, and prior year's energy costs
- Conduct Home Performance with Energy Star style test in audits, including blower door, duct blaster, infrared camera, combustion safety and CAZ tests in attics, crawl spaces, living space and basements
- Note conditions that contribute to excessive energy loss, such as major air leakage, poorly performing or inadequate insulation, dilapidated windows, and uninsulated pipes
- Report potentially unsafe conditions and recommend solutions
- Install approved energy efficient measures as needed, i.e. CFL light bulbs, faucet aerators, etc.
- Record test results and site data into software programs to generate energy audit reports for possible future contracts

Requirements

A minimum of three (3) years' experience in a discipline related to construction or building sciences; estimating or site auditing experience is preferred

High School or Trade School degree in a discipline related to construction or building sciences; college degree in relevant field is preferred

Personable disposition to interact with customers effectively

Excellent written and verbal communication skills required

BPI certifications in Building Analyst, Envelope Professional

BPI certifications in Heating Professional preferred

Lead based paint training preferred

Familiar with OSHA safety requirements. OSHA 10 hr preferred

Ability to safely use basic hand and power tools

Previous weatherization or insulation experience

Knowledge of HVAC and building performance

Good knowledge of basic 120v residential electrical

Some knowledge of basic HVAC installation and code

Graduates of weatherization training programs preferred

Effectively work with others and to be part of a team

Must be able to climb ladders and stairs, comfortably lift 50+ pounds repetitively, and must be able to work on your feet for long periods of time

Ability to work in extreme environments, e.g. hot sun, below freezing, crawl spaces, etc.

Must have a valid driver's license and reliable transportation

Job Type: Full-time

Salary: \$35,000.00 to \$60,000.00 /year

Job Description

Energy Analyst, BPI (Part-Time)

We are looking for a Part-Time Building Performance Institute (BPI) Energy Analyst to conduct Quick Home Energy Checks (QHECs) in Prince George's County, Maryland. Makeup to \$50 per completed audit! Up to 8 per day. The average audits take 1 hour to 1.5 hours to complete. The position offers a flexible schedule.

The Energy Analyst visits homes of customers to identify conditions that affect energy efficiency and recommends actions to improve safety, comfort, and possible savings. These actions can include weatherization, insulation, and deeper green retrofits. The ENERGY ANALYST will also install simple energy-saving devices, including LED light bulbs, power strips, faucet aerators, low-flow showerheads, and other energy-saving measures as relevant — salary based on a completed energy audit.

Responsibilities:

- Positively engage customers to gather household energy data, such as type of heating system, number of persons home during the day, thermostat setting, and prior year's energy costs
- Conduct Home Performance with Energy Star style test in audits, including blower door, duct blaster, infrared camera, combustion safety and CAZ tests in attics, crawl spaces, living space, and basements
- Note conditions that contribute to excessive energy loss, such as major air leakage, poorly performing or inadequate insulation, dilapidated windows, and uninsulated pipes.
- Report potentially unsafe conditions and recommend solutions
- Install approved energy efficient measures as needed, i.e., CFL light bulbs, faucet aerators, etc.
- Record test results and site data into software programs to generate energy audit reports for possible future contracts

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Requirements:

BPI certifications in Building Analyst, Envelope Professional (Required)

A minimum of three (3) years' experience in a discipline related to construction or building sciences; estimating or site auditing experience is preferred

High School or Trade School degree in a subject related to construction or building sciences; college degree in a relevant field is preferred

Personable disposition to interact with customers effectively

Excellent written and verbal communication skills required

Lead-based paint training preferred

Familiar with OSHA safety requirements. OSHA 10 hr preferred

Must have a valid driver's license and reliable transportation. Must pass a background check.

Job Type: Part-time

Salary: Up to \$35,000.00/year (Dependent on final schedule and completed QHECs)