

## **Energy Assessor – Residential and/or Commercial New Construction (Pennsylvania/Delaware)**

PSD is seeking an Energy Assessor to collect data on energy efficiency features of new residential and commercial buildings across Delaware and Pennsylvania. Data collection will be part of two U.S. Department of Energy funded energy efficiency field studies. The goals of these field studies include determining industry standard practice for energy efficiency in new residential and commercial construction and identifying areas for improvement to inform future training, education, and outreach efforts. The position will be for 12 months with the possibility of becoming permanent.

### **Who is PSD?**

PSD is a rapidly growing national leader in the building science and energy efficiency industries. PSD's passionate team of energy efficiency professionals works hard every day to develop and deliver creative and powerful solutions that drive change in the way buildings use energy. PSD provides a whole-systems approach to energy efficiency strategies through our work on advancing energy policies, designing and delivering cost-effective energy efficiency programs, and building software tools to streamline data tracking and reporting. Our core business efforts span three major areas: 1) the delivery of high-impact energy efficiency programs; 2) workforce development and industry training; and 3) the design and development of efficiency software platforms.

### **What will you do?**

The successful candidate will travel to an assigned list of active construction projects to observe specific energy efficiency related features of the buildings. Data will be collected during foundation, insulation, and final phases of construction following a checklist built into a tablet-based app. The assessor will also perform blower door testing and duct leakage testing using industry standard protocols.

Position responsibilities will include, but not be limited to:

- Driving throughout Delaware and Pennsylvania including to urban, suburban, and rural areas with active building projects.
- Negotiating access to job sites with builder representatives
- Keeping data confidential so as not to reveal individual home or builder identity outside the PSD project team.
- Observing and recording data on pre-drywall air barrier and insulation measures, heating, cooling, and hot water appliance types and efficiencies, window U-factors and SHGCs, and lighting
- Performing blower door and duct leakage testing, including measuring building dimensions, and calculating conditioned floor area and volume
- Recording inspection observations and testing results with photo documentation in a tablet-based app

**This position is remote with significant travel within Pennsylvania and Delaware consisting of multiple consecutive overnight stays.**

**Need to Have:**

- Three years' experience performing energy audits, HERS Rating field data collection, building commissioning or similar.
- Three years' experience performing blower door testing and duct leakage testing rapidly and accurately.
- HERS Rater certification, HERS Rating Field Inspector (RFI) certification, BPI Infiltration and Duct Leakage (IDL) certification, similar credential.
- Ability to identify and understand the functioning of various commercial HVAC systems and controls.
- Ability to identify and understand the functioning of various commercial lighting systems and controls.
- Ability to identify insulation R-values and installation grade.
- Ability to identify energy code-required air barrier locations in the field.
- Commitment to meeting deliverables on time.
- A valid driver's license.

**Nice to Have:**

- Experience developing and presenting training sessions
- Experience performing energy assessments of commercial buildings.

**Who are you?**

- Persuasive, outgoing, and comfortable speaking with homebuilders and associated tradespeople.
- Highly motivated.
- Works well in a team.

**Physical Demands:** Occasional use of the computer requiring periods of sitting and close audio-visual concentration. Ability to lift 50 pounds and walk through houses carrying equipment. Ability to navigate uneven jobsite terrain by foot, climb a 6-foot step ladder, and access crawl spaces. Ability to safely drive for several hours at a time.

**Work Environment:** Field work is performed both outside and inside of buildings in varying weather

conditions. Field work will include accessing attics, basements, crawlspaces, and other locations associated within the built environment. Office work is performed in an open and collaborative environment.

**Salary:** Competitive salary commensurate with education, qualifications, and experience.

**Benefits:** Health Insurance, 401K savings plan, Life Insurance, Long Term Disability Insurance, Flexible Spending Accounts, Paid Holidays, and a Paid Benefit Time program

**Apply To:** Candidates interested in staff positions only, no recruiters, 3rd party agencies, or outsourcing firms.

**Visit us at:** <http://www.psdconsulting.com>

**Diversity and Inclusiveness:** PSD strives to create a diverse and inclusive workplace. We highly encourage qualified applicants regardless of age, color, creed, disability, ethnicity, gender, gender identity or expression, marital status, national origin, race, religion, sexual orientation, military or veteran status, or any combination of these or related factors, to submit an application for consideration.

*Performance Systems Development is an Equal Opportunity Employer*