



# Energy Program

WASHINGTON STATE UNIVERSITY

## Energy Engineer

Commercial/Industrial Engineering Team  
Washington State University Energy Program

### **Opportunity:**

The Washington State University (WSU) Energy Program has one or more openings for entry-level or intermediate-level engineering/technical staff to assist with commercial and industrial energy efficiency projects and programs.

The duties of this position(s) are expected to include performing fieldwork and technical assistance on various aspects of energy efficiency in commercial, institutional and industrial facilities. Work may include one-on-one technical consultations, on-site data collection to support assessments of facilities and their key energy systems, engineering analysis and energy performance assessment of whole facility and key energy system for possible implementation of combined heat and power or bioenergy system implementation as well as energy efficiency measures, publication development and conducting training for a professional audience. Work in this area is typically a mix of independent client support and team-based project execution.

A well-qualified candidate will possess skills and experience that fit well with the core activities of the team. Those core activities include:

- Conducting analysis through field visits, computer simulation, and telephone inquiries, of commercial or industrial efficiency to examine overall or system or building productivity, reliability, energy consumption, waste generation, and other environmental concerns for components such as HVAC, boilers, compressors, motor and pumps, biomass energy systems and combined heat and power systems.
- Developing energy performance monitoring and verification strategies for installed energy conservation measures to assist commercial and industrial facility managers in determining the energy benefits of the conservation measures and obtaining corporate and utility funding or demonstrating compliance with energy performance regulations.
- Preparing and supporting the development of project proposals to funders for energy efficiency projects and activities related to commercial and industrial systems and processes and combined heat and power.

- Providing technical assistance to clients such as facility managers on industrial and commercial related topics.
- Preparing and reviewing publications pertaining to combined heat and power and industrial energy efficiency, projects, programs and policies.
- Developing, producing, and marketing training materials, and presenting workshops on commercial buildings and industrial energy systems such as HVAC systems electric motors and drives and combined heat and power systems.

**A well-qualified candidate will possess:**

- Education/experience in some or all of the following:
  - Wide range of industrial energy systems
  - Identification and analysis of industrial energy efficiency opportunities
  - Awareness of emerging efficiency technologies
  - Understanding of building energy systems
- Engineering degree in Mechanical, Electrical or Chemical Engineering. PE registration is not required. PE, EIT, CEM and/or LEED certification, or desire to pursue, would be helpful.

**Compensation:**

Salary depends on qualifications. WSU provides a competitive benefits package for its employees. Position is located in Olympia, Washington.

**To Apply:**

Application requirements and the official job announcement are available at the following:

WSU Jobs - Workday ([myworkdayjobs.com](https://myworkdayjobs.com))

**About the WSU Energy Program:**

The WSU Energy Program is located in Olympia, WA. Our 30+ member staff provides services to a wide range of public and private sector energy users throughout the United States and in select other countries through a variety of grants and contracts.