



Energy Management Engineer IV

Job Code	20000996	Job Family	Engineering	Professional / Knowledge Worker	
Department	Various	Reports to	Sr Mgr Enrgy Svcs & Cust Innov	Union Status	Non-Represented
FLSA Status	Exempt	Pay Grade	2060	This Job is a Lead	No
Last Updated	12/1/2022				

Accountability for Workplace Culture

Our PUD values are at the center of our culture. Putting the safety, health, and well-being of our communities and those we work with is valued above all else and everyone on Team PUD must meet this commitment daily. Nothing we do in achieving our Mission is worth a single injury, and all who interact with us must feel they are valued and welcomed as individuals.

Everyone on Team PUD, in all positions, is accountable for achieving this safe and welcoming culture by:

1. Taking full ownership for the safety of themselves and their coworkers, while ensuring everyone feels valued and welcomed.
2. Taking action to identify and eliminate their own and others' at-risk behaviors, including the behaviors that may undermine another's feelings of being welcomed and valued.
3. Following all safety rules and regulations and ensuring the PUD's expectations for conduct and respect are maintained.
4. Openly sharing near-misses, safety learning opportunities, and ways we can learn to be a more welcoming place while encouraging others to do the same.
5. Utilizing Stop Work Authority to intervene with anyone, anytime, in any place.
6. Intervening or seeking guidance to stop actions that are harmful to the wellbeing, health, or sense of belonging of others, and which are detrimental to our PUD values.

Job Summary

Provides Technical analyses and support to commercial, industrial, and residential customers in the implementation of energy efficiency, distributed energy resource(DER), demand response(DR), and renewable resource measures for projects/programs which may have complex features requiring an overall knowledge of commercial, industrial and residential engineering principles and methods. Leads multiple projects and or project teams involving all end-use measures for a wide variety of customer facilities.

Accountabilities

Accountability #1

Performs and/or directs energy management teams in conventional engineering calculations, energy analysis, and technical support for commercial, industrial, and residential customers requiring knowledge of building structures, equipment and processes, including efficient use of heating, ventilating, air conditioning, lighting systems, and industrial processes involving compressed air, refrigeration, pumping and motors.

Accountability #2

Evaluates the cost effectiveness of the energy efficiency improvements and measures in the portfolio. Implements measurement and verification protocols. Supports documentation for establishing program incentives. Makes recommendations to improve to cost effectiveness of energy efficiency measurements.

Accountability #3

Performs as project lead on projects requiring an overall knowledge of commercial, industrial engineering principles and methods. Provides assistance on more complex projects.

Accountability #4

Compiles and analyzes statistical and technical data and conducts a wide variety of energy efficiency studies including report development and delivery in summary or presentations to a variety of different audiences.

Accountability #5

Develops and leads in workshop presentation and educational programs for industry and professional groups.

Accountability #6

Communicates and provides customers with information on energy efficiency, DER, DR, and renewable resource measures applicable to the industrial/commercial sector or more complex residential applications.

Accountability #7

Works with and leads customer energy management teams or internal energy engineer teams to develop customer projects and workbooks to support all customer segments with technical engineering methodology.

Accountability #8**Accountability #9****Accountability #10****Minimum Qualifications Note**

The minimum qualifications listed below are representative of the knowledge, skills, and abilities needed to perform this job successfully, as described in the Accountabilities. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential Accountabilities (duties and responsibilities) of this position. If you need assistance and/or a reasonable accommodation due to a disability during the application or recruiting process, please contact Human Resources at HRRecruiting@snopud.com, or by phone at 425-783-8655.

Qualifications – Education and Experience**Minimum Required Education and Experience:**

Bachelor's Degree in Engineering, or related field, AND
Six (6) years of related Engineering, Facility Operator, Facility Manager, or Energy Management experience;

OR

Ten (10) years of related Engineering, Facility Operator, Facility Manager, or Energy Management experience.

Preferred Education and Experience:

Master's Degree in Energy Management Engineering or another related field.

Qualifications – License(s) and/or Certification(s)

Minimum Required License(s) and/or Certification(s):

Preferred License(s) and/or Certification(s):

Certified Energy manager.

Qualifications – Skills and Abilities

Minimum Required Skills and Abilities:

Knowledge of energy efficiency principles, concepts, practice, measures and programs, and trends in energy demands.

Knowledge of computer applications to support energy use analysis and modeling.

Knowledge of construction methods, design codes and standards, safety practices and codes, project management, and District's work authorization procedures.

Knowledge of determining financial incentives of energy efficiency projects at residential, commercial, and industrial facilities throughout the service territory.

Knowledge of engineering practices, drawings, designing and modeling.

Knowledge of operation and principles of HVAC and lighting systems.

May act in lead capacity on assigned tasks and projects.

Preferred Skills and Abilities:

Competencies

The following competencies describe the cluster of behaviors associated with job success in the job group identified as “Professional / Knowledge Worker”.

- Adaptability
- Building Customer Loyalty
- Building Partnerships
- Communication
- Continuous Improvement
- Continuous Learning
- Courage
- Decision Making
- Earning Trust
- Emotional Intelligence Essentials
- Facilitating Change
- Influencing
- Initiating Action
- Innovation
- Leveraging Feedback
- Mentoring
- Planning and Organizing
- Positive Approach
- Professional Knowledge and Aptitude
- Stress Tolerance
- Technology Savvy
- Valuing Differences
- Work Standards

Physical Demands

Physical Demands List	Frequency
Sit	Frequent (34-66%)
Walk	Frequent (34-66%)
Stand	Frequent (34-66%)
Drive	Occasional (11-33%)
Work on ladders	Occasional (11-33%)
Climb poles or trees	Seldom (1-10%)
Work at excessive heights (note heights in open text box below)	Seldom (1-10%)

Twist	Occasional (11-33%)
Bend/Stoop	Occasional (11-33%)
Squat/Kneel	Occasional (11-33%)
Crawl	Seldom (1-10%)
Reach	Seldom (1-10%)
Work above shoulders (note specific activity in open text box below)	Seldom (1-10%)
Use Keyboard /mouse	Constant (67-100%)
Use wrist (flexion/extension)	Seldom (1-10%)
Grasp (forceful)	Frequent (34-66%)
Fine finger manipulation	Constant (67-100%)
Operate foot controls	Occasional (11-33%)
Lift (note weight in open text box below)	Occasional (11-33%)
Carry (note weight in open text box below)	Seldom (1-10%)
Push/Pull (note specifics in open text box below)	Seldom (1-10%)
Work rapidly for long periods	Occasional (11-33%)
Use close vision	Frequent (34-66%)
Use distance vision	Occasional (11-33%)
Use color vision	Constant (67-100%)
Use peripheral depth perception	Occasional (11-33%)
Speak	Constant (67-100%)
Hear	Constant (67-100%)

Additional Physical Demands not listed above and associated frequency below.

Mental Demands

Communication

Understand and carry out simple oral instructions	Frequent (34-66%)
Understand and carry out complicated oral instructions	Frequent (34-66%)
Train other workers	Frequent (34-66%)
Work alone	Frequent (34-66%)
Work as a member of a team	Frequent (34-66%)
Follow standards for work interactions	Frequent (34-66%)
Write communications for clarity and understanding	Frequent (34-66%)
Speak with clarity with others	Frequent (34-66%)

Comprehension

Read and carry out simple instructions	Frequent (34-66%)
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Read and carry out complicated instructions	Frequent (34-66%)
Retain relevant job information	Constant (67-100%)
Reasoning	Frequency
Read and interpret data	Constant (67-100%)
Count and make simple arithmetic additions and subtractions	Frequent (34-66%)
Use intermediate and/or advanced math	Frequent (34-66%)
Organization	Frequency
Plan own work activities	Frequent (34-66%)
Plan work activities of others	Occasional (11-33%)
Direct work activities of others	Occasional (11-33%)
Resilience	Frequency
Work under pressure	Occasional (11-33%)
Work for long periods of time	Occasional (11-33%)
Work on several tasks at the same time	Frequent (34-66%)

Additional Mental Demands not listed above and associated frequency below.

Work Environment

Environmental Conditions List	Frequency
Exposure to weather	Occasional (11-33%)
Wet and/or humidity	Occasional (11-33%)
Atmospheric conditions	Occasional (11-33%)
Confined/restricted working environment	Occasional (11-33%)
Vibratory Tasks – High	Seldom (1-10%)
Vibratory Tasks – Low	Seldom (1-10%)

Additional Environmental Conditions in this job not listed above and the associated frequency below.

Risk Conditions List	Frequency
Exposure to Heights	Seldom (1-10%)
Exposure to Electricity	Occasional (11-33%)
Exposure to Toxic or Caustic Chemicals	Occasional (11-33%)
Working with Explosives	Never

Exposure to Radiant Energy	Occasional (11-33%)
Extreme Cold	Seldom (1-10%)
Extreme Hot	Seldom (1-10%)
Proximity to Moving Mechanical Parts	Occasional (11-33%)
Noise Intensity	Occasional (11-33%)
Exposure to animals	Seldom (1-10%)
Working with angry customers	Occasional (11-33%)

Additional Risk Conditions present in this job not listed above and the associated frequency below.

On-Call Status and Frequency

On-Call is required.

- Yes
- No

On-call activities and frequency.

Occasionally - 1x quarter or 4-6 times a year Expected to be available during storm or large outage events.

Work Location

The primary assignment for this position is:

- Remote
- Office Hybrid
- On-Site
- Field/Job Site

While this description has provided an accurate overview of responsibilities, it does not restrict management's right to assign or reassign duties and responsibilities to this job at any time. This position description is designed to outline primary duties, qualifications, and job scope, but not limit our employees or the organization to complete the work identified. In order to serve our customers best, each employee will offer their services wherever and whenever necessary to ensure the success of the District in serving our customers, to further the safety, health, and inclusivity of employees and the

public, and achieve expectations of the District overall, while also remaining flexible in recognition of the employee's wellbeing.