



Energy Management Engineer I

Job Code	20000032	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	2055	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 support to commercial, industrial and residential customers in the implementation of energy efficiency and distributed energy resource measures for small to medium projects/programs which may have relatively few complex features requiring an overall knowledge of commercial, residential and some industrial energy management engineering principles and methods. Leads small projects for a wide variety of customer facilities.

Accountabilities

Accountability #1

Assists in evaluating the cost effectiveness of energy efficiency programs and projects.

Accountability #2

Learns, analyzes, and assists in providing basic technical support for commercial, industrial, and residential engineering services related to the design of energy efficient systems.

Accountability #3

Assists in interfacing with District departments, vendors and contractors, customers, state, and federal agencies.

Accountability #4

Assists in providing basic technical support on energy efficient programs to Planning and Program Management teams.

Accountability #5

Assists with the review and evaluation of current standards, procedures, and processes.

Accountability #6

Accountability #7

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;

OR

Four (4) years of related Engineering, Facility Operator, Facility Manager, or Energy Management experience.

Preferred Education and Experience:

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

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

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

Qualifications – Skills and Abilities

Minimum Required Skills and Abilities:

Knowledge of basic conservation concepts, practices, measures and programs, and trends in energy demands.

Knowledge of customer service techniques and practices. Engineering fundamentals, drawings, designing, and modeling.

Fundamentals of economic analysis and evaluation techniques.

Ability to communicate effectively with all levels of the organization, the public, commercial and industrial customers.

Apply to learn and apply conservation concepts, practices, measures and programs, and trends in energy demand and technology innovation.

Ability to effectively carry out the District's energy efficiency initiatives.

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	Occasional (11-33%)
Drive	Seldom (1-10%)
Work on ladders	Seldom (1-10%)
Climb poles or trees	Never
Work at excessive heights (note heights in open text box below)	Never
Twist	Seldom (1-10%)
Bend/Stoop	Seldom (1-10%)
Squat/Kneel	Seldom (1-10%)
Crawl	Seldom (1-10%)
Reach	Seldom (1-10%)
Work above shoulders (note specific activity in open text box below)	Never
Use Keyboard /mouse	Constant (67-100%)
Use wrist (flexion/extension)	Seldom (1-10%)
Grasp (forceful)	Seldom (1-10%)
Fine finger manipulation	Constant (67-100%)
Operate foot controls	Seldom (1-10%)
Lift (note weight in open text box below)	Never
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	Seldom (1-10%)
Use close vision	Frequent (34-66%)
Use distance vision	Frequent (34-66%)
Use color vision	Constant (67-100%)
Use peripheral depth perception	Constant (67-100%)
Speak	Constant (67-100%)
Hear	Constant (67-100%)

Additional Physical Demands not listed above and associated frequency below.

Mental Demands

Communication

	Frequency
Understand and carry out simple oral instructions	Frequent (34-66%)
Understand and carry out complicated oral instructions	Frequent (34-66%)
Train other workers	Seldom (1-10%)
Work alone	Occasional (11-33%)
Work as a member of a team	Frequent (34-66%)
Follow standards for work interactions	Constant (67-100%)
Write communications for clarity and understanding	Constant (67-100%)
Speak with clarity with others	Constant (67-100%)

Comprehension

	Frequency
Read and carry out simple instructions	Frequent (34-66%)
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	Occasional (11-33%)

Organization

	Frequency
Plan own work activities	Occasional (11-33%)
Plan work activities of others	Seldom (1-10%)
Direct work activities of others	Seldom (1-10%)

Resilience

	Frequency
Work under pressure	Seldom (1-10%)
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	Seldom (1-10%)
Wet and/or humidity	Seldom (1-10%)
Atmospheric conditions	Seldom (1-10%)
Confined/restricted working environment	Seldom (1-10%)
Vibratory Tasks – High	Never
Vibratory Tasks – Low	Never

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	Seldom (1-10%)
Exposure to Toxic or Caustic Chemicals	Seldom (1-10%)
Working with Explosives	Never
Exposure to Radiant Energy	Seldom (1-10%)
Extreme Cold	Seldom (1-10%)
Extreme Hot	Seldom (1-10%)
Proximity to Moving Mechanical Parts	Seldom (1-10%)
Noise Intensity	Seldom (1-10%)
Exposure to animals	Never
Working with angry customers	Seldom (1-10%)

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.

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.