

*Join the diverse and dynamic team that powers Michigan's largest energy provider and one of the nation's largest gas and electric combination utilities. Consumers Energy services 6.8 million of Michigan's 10 million residents - caring for our friends and neighbors in all 68 Lower Peninsula counties. We embrace a cleaner and leaner utility vision focused on eliminating energy waste and adding renewable energy from sources such as wind and solar.*

**Location:**

This position is assigned onsite at Zeeland Generating Station located in Zeeland, MI. The candidate must be located within commutable distance of the locations OR willing to relocate (relocation package available to those who qualify).

**We are looking for: Senior Electrical Engineer**

The Senior Electrical Engineer is responsible for engineering and design to support the sustainable operation of our distribution, generation, and storage system. This role works with teams across the organization and external stakeholders and leads complex technical projects and may manage the work of lower-level engineers and technicians as required.

The knowledge and skills involved with this position include but are not limited to:

- Knowledge of applicable codes related to electronic engineering
- Proficient in design and calculation software
- Written and verbal communication skills
- Organizational skills and attention to detail
- Analytical and problem-solving skills
- Knowledge of the theory and practice of electric utility distribution planning, construction, operation, and maintenance
- Working knowledge of electric utility operation (i.e., generation, transmission, and distribution of three phase alternating current power)
- Knowledge of distribution planning principles is an asset

**We encourage you to apply if you have:**

- Bachelor's Degree in Engineering from an ABET accredited program with four (4) or more years of applicable engineering experience
  - **[OR]** Bachelor's Degree in Engineering from a non-ABET accredited program plus a Professional Engineering license with four (4) or more years of applicable engineering experience

**In this role, you will be responsible for:**

- Provide support to plant operations, maintenance, and engineering to help resolve system and equipment problems. This includes:
  - Monitoring operational trends, predictive monitoring trends, preventive maintenance and inspection results, equipment and condition indicator data, life-cycle input, repeat maintenance, input from operations, input from regulatory and strategy organizations, etc., to identify performance issues and/or needs for action
  - Ensuring that corrective actions are identified, justified, appropriately scheduled, and completed
  - Developing strategies and justifications for equipment life-cycle management and to improve system and component performance consistent with the corporate business plan to ensure safety, compliance, and reliability
  - This includes problem identification; development of solutions; development of cost estimates, justifications, and timing requirements; and providing input to the Financial Planning Processes Maintaining short-term and long-term system plans
  - Maintaining compliance with Asset Compliance Programs such as NERC, Cyber Security.
- Design, control, and implement electrical systems and products and serve as the primary point of contact with clients for all electrical engineering project matters. Manage the development and implementation of electrical systems
- Designing, maintaining, implementing, or improving electrical instruments, facilities, components, equipment products, or systems for industrial, commercial, or domestic purposes
- Performing a wide range of engineering tasks by operating computer-assisted design or engineering software and equipment
- Collaborate with customers, coworkers, and others to discuss existing or potential engineering products or projects and monitor project progress and budget, and prepare reports for upper management
- Ensuring that installation and operations conform to standards and customer requirements by preparing electrical systems specifications, technical drawings, or topographical maps and investigate and resolve project issues in a timely manner

- Establishing construction, manufacturing, or installation standards or specifications by performing a wide range of detailed calculations
- Ensuring compliance with specifications, codes, or customer requirements by directing or coordinating installation, manufacturing, construction, maintenance, documentation, support, or testing activities
- Writing reports and compiling data regarding existing and potential electrical engineering projects and studies and provide technical support to other departments and personnel as needed
- Preparing specifications for purchases of electrical equipment and materials and estimating material, labor, or construction costs for budget preparation
- Other non-essential duties as assigned or may be necessary

### **Why should you join our team?**

At Consumers Energy, we offer more than just a place to work. We foster a culture that supports career development, growth, and stability, and we take pride in offering our co-workers excellent benefits and compensation packages. We are deliberately creating an inclusive culture that makes our diverse team of co-workers feel valued, supported, and empowered every day. We're a company made up of thousands of people, all with different stories to share and work to do, but we stand united in our company purpose: world class performance delivering hometown service.

### **What we offer:**

- Competitive compensation packages
- Medical, Dental and Vision
- 401k with company match
- Paid parental leave
- Up to 13 paid Holidays
- Paid time off
- Educational Assistance Program

## **Diversity, Equity & Inclusion:**

We, at CMS Energy, value Diversity, Equity, & Inclusion. It is part of our DNA. We treat our employees with respect, we treat each other fairly and we value the opinions of others. We are passionate about building and nurturing an environment where everyone feels included. We don't discriminate. We seek to learn about each other and better understand our unique differences. Our uniqueness makes us authentic. We create safe spaces where everyone can be who they truly are. We invite difficult conversations and uncomfortable topics. We value diverse perspectives; this is what makes us great together. We harbor an inclusive environment where employees feel empowered to share their backgrounds, experiences, and ideas. Our Employee Resource Groups, Women's Advisory Panel (WAP), Women's in Energy (WE), Minority Advisory Panel (MAP), Pride Alliance of Consumers Energy (PACE), GENERGY, capable, Interfaith and Veterans Advisory Panel (VAP) are key enablers to living the values of our company culture: Caring, Empowered, Deliberate, Agility, and Ownership.

All qualified applicants will not be discriminated against and will receive consideration for employment without regard to protected veteran status, disability, race, color, religion, sex, age, sexual orientation, gender identity or national origin.