



## TRANSMISSION ENGINEER (2-5 Years Experience)

Sevee & Maher Engineers, Inc. (SME) has a full-time position for a **Transmission Engineer** at our headquarters in **Cumberland, Maine**, or in our **Bath** or **Hampden, Maine**, offices. SME is looking for a qualified entry-level to mid-level engineer.

### Position Summary

As an SME **Transmission Engineer**, you will design, analyze, and optimize electrical transmission systems including overhead and underground high-voltage power lines. Your strong background in transmission line design, structural analysis, and electrical engineering principles is essential in providing innovative solutions that align with SME's commitment to sustainability and technical excellence.

### Your Impact

In this role you will have the opportunity to engage in challenging assignments, contributing to the design and implementation of solutions for projects including utility infrastructure, renewable energy facilities, and critical data center applications.

As an SME **Transmission Engineer**, you will:

- Design and develop high-voltage transmission lines (35kV – 345kV) using industry-standard software (PLS-CADD).
- Conduct structural, electrical, and thermal analyses to optimize system performance.
- Perform routing, siting, and impact assessments for transmission projects.
- Prepare technical specifications, construction drawings, and material lists.
- Conduct field assessments and site visits to support project planning and execution.
- Manage projects ensuring that project deliverables meet schedule, budget, and quality requirements.
- Provide technical support during construction, testing, and commissioning phases.
- Ensure compliance with applicable codes, standards, and regulations.
- Collaborate with multidisciplinary teams, clients, and regulatory agencies including utilities and government agencies to ensure compliance with industry standards (NESC, IEEE, ANSI, etc.).
- Provide technical expertise and construction oversight.

as well as:

- Maintain a high level of organizational skills to keep tasks on schedule, and
- Be an integral team member and problem solver who is adept at developing practical, cost-effective solutions that serve our clients well.

### Required Skills and Qualifications

- 2-5 years of experience preferred, but willing to train the right candidate
- Bachelor's degree in electrical, civil, or mechanical engineering from an ABET-accredited school
- Engineer In Training (EIT) or Engineer Intern (EI) certificate preferred
- Excellent problem-solving skills and attention to detail
- Strong verbal and written communication skills
- Ability to work independently and within a team.
- Self-motivated, with the desire to learn and apply new skills and concepts

- Experience with 2D and 3D drafting and modeling software, and
- Previous transmission and sub transmission line design is a plus.

### Working at SME

Founded in 1985, SME is an accomplished team of 100+ experienced and talented professionals providing environmental, civil, structural, and electrical engineering consulting services to clients nationwide. From supporting the development of renewable energy projects to cleaning up environmental hazards, managing society's waste, and developing sustainable solutions, SME employees share a common goal of assisting clients to solve complex problems related to energy and the environment. SME combines strong technical expertise with innovative technologies to provide cutting-edge solutions to our clients' real-world challenges.

At the heart of SME is our friendly and down to earth culture. There is room to choose your own path and pursue your passions, and each person is recognized for their contribution to our collective success. SME supports and encourages professional development and active participation with professional associations. Joining SME means becoming part of a group of dedicated professionals who enjoy doing meaningful work together.

Along with a collaborative work environment, SME offers:

- Work-life balance
- Hybrid work schedule
- Professional development and growth opportunities
- Intraoffice groups including hiking, hockey, and running
- Community involvement such as volunteer days and an SME sponsored road race team, and
- Annual company appreciation event, fall golf outing, regular social events, and more.

### Compensation and Benefits

SME offers an excellent compensation and benefits package that includes:

- 100% company paid Medical, Life, and Long-term and Short-term Disability insurance
- Annual contributions to the enrolled employee's Health Savings Account (HSA)
- Paid vacation and sick time and 9 paid holidays per year
- Retirement plan comprising three components: a 401(k) plan with generous matching contribution; profit sharing; and a non-discretionary 3% of gross pay contribution, and
- Performance-based year-end bonuses.

### Let's Connect!

If this position sounds like a good fit for you, **please submit your resume and cover letter as a single PDF or Word document to: [smeresumes@sme-engineers.com](mailto:smeresumes@sme-engineers.com)**. No telephone calls, please.

For more information about SME, visit [sme-engineers.com](http://sme-engineers.com).

*SME is an Equal Opportunity Employer committed to fairness in all our employment practices. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected Veteran status, age, or any other characteristic protected by applicable law.*