

DTE Energy – Career Opportunity

Title: Senior Engineer – Power Systems Engineering

Job: Detroit [HBCU Network \(5061\) on Careers.dteenergy.com](#)



If you are a member of the Detroit HBCU Network and have an interest in this opportunity, we invite you to apply at [Careers.dteenergy.com](#)

The future is bright at DTE Energy! We are one of the largest Fortune 500 diversified utilities in the United States with an aspiration to be the best-operated energy company in North America and a force for good in the communities we live and serve. We have businesses in 26 different states and are comprised of regulated utility and non-utility businesses. Our utility business provides electric and gas service to approximately 3 million customers. Our non-utility businesses include a diversified portfolio of energy related companies, ranging from gas storage and pipelines to renewable power development.

You are welcome here!

That's the feeling we aspire to create for all our employees and a feeling that we extend to those looking for a career with DTE Energy too. Because we know that our people – all from different backgrounds, cultures, and experiences – together contribute to our company's success. And through that success, we're able to build stronger, more prosperous communities.

Recently, DTE Energy has been recognized as an outstanding place to work and has received the following accolades:

- Gallup Great Workplace Award for consecutive years
- Civic 50 Award for corporate citizenship excellence
- Indeed's annual "50 Best Places to Work" award for two years running
- Metropolitan Detroit's 101 Best and Brightest Companies to Work For
- J.D. Power Customer Satisfaction Award
- Professional Women's Magazine/Black EOE Journal "Best of the Best"
- Computerworld's 100 Best Places to Work in IT
- Best Employers for a Healthy Lifestyle Gold Award
- Detroit Free Press Green Leaders Award

Job Summary

Senior level engineer responsible for planning and conducting engineering activities. Requires the use of advanced techniques and the application of theories, precepts, practice and disciplines, including practical field experience. Incumbents have the responsibility and authority to make decisions on engineering problems and methods applicable to the resolution of important issues. Participates on and leads teams of field employees, technicians, engineers and other personnel.

Key Accountabilities

- Develops, coordinates, and directs important projects or field engineering assignments with complex features.
- Performs assigned (or initiates) engineering studies, proposing solutions to engineering-related problems; develops models and analyzes data to support improvement programs, techniques & solutions.
- Interfaces with outside departments, vendors, suppliers, and reliability entities.
- Develops or assists in presentations of engineering-related projects to all levels of management & external parties (contractors, customers, etc.).
- Plans and manages group workflow to meet budgets and schedules. • May mentor and provide guidance/direction for less experienced staff.

Qualifications

- Bachelor's Degree in Engineering or Engineering Technology and a minimum of 4 years of job relevant experience Preferred
- Master's Degree in Engineering or job relevant discipline
- Demonstrated proficiency at performing transmission system reliability analysis using steady state power flow models in PSS/E, TARA, PSLF, Powerworld, PSCADTM or other related software platforms
- Demonstrated proficiency at performing transmission system transient stability (dynamic) analysis in PSS/E, TARA, PSLF or other related software platforms
- Knowledge of bulk electric system economic modeling in PROMOD-TAM or similar software
- Conceptual understanding of performing short-circuit studies and evaluating related concerns in Aspen or CAPE
- Some experience to code and develop software scripts utilizing Python, C-Sharp, C++ or related software development

Here's what we're most proud of:

- Reaffirming DTE's commitment to stand united in rejecting all forms of discrimination and violence in our workplace and in our communities
- Our CEO Jerry Norcia joining a nationwide commitment to advance diversity and inclusion in the workplace by signing the CEO Action for Diversity & Inclusion pledge
- Creating our Inclusion Diversity Oversight Committee (iDOC) - a team of leaders dedicated to driving a more diverse and inclusive culture
- Championing nine active and engaged employee resource groups, which we call energy groups, that build a safe and welcoming environment and offer professional development, education, networking, mentoring and support



QR Code to apply