

## Senior Engineer - Distributed Energy Resources (DERs) Programs (Hybrid and Remote eligible)

Distributed Energy Resources  
(Oakland or Orange, 445e)

Interested in joining a growing company where you will work with talented colleagues, enhance a supportive and energetic culture, and be part of the climate solution? At Energy Solutions, we focus on the big impacts. And we believe that market-based programs can be a powerful force to deliver large-scale energy, carbon, and water-use savings. For 28 years, we've harnessed that power to offer proven, performance-based solutions for our utility, government, and institutional customers.

Energy Solutions is currently seeking a full-time **Senior Engineer** to join our Distributed Energy Resources (DERs) team. The person selected to fill this position shall have expertise in building science, energy-efficient technologies, energy savings methodology analysis, energy modeling, and energy codes. Knowledge of demand response is especially sought after, together with knowledge of HVAC systems, water heating, building controls, pump and irrigation controls, other grid harmonization technologies, and distributed generation.

As a member of the DERs team, you will assist with driving customer participation in programs that incentivize the adoption of various DERs including demand response, thermal and energy storage, electric vehicle grid integration distributed solar, and microgrids. These leading-edge energy technologies are critical in driving our nation's progress toward a decarbonized grid, and you will play a material role in helping our team make this future a reality.

### **Daily responsibilities include but are not limited to:**

- Equipment review, measure development, new measure support and research, data analysis, and program technical support
- Analysis of energy efficient technologies in the context of energy policy
- Develop calculation methodologies to estimate demand and demand response potential for non-residential and residential sectors
- Write reports on technical topics, such as Title 24 case reports, energy savings analysis, cost-effectiveness analyses, and code compliance
- Support development of proposals and business development efforts
- Work in a team environment to lead the overall direction, management, quality control, and completion of project deliverables.
- Develop and manage project budgets, schedules and tasks with minimal oversight.
- Monitor the progress of projects and communicating progress to management and clients
- Provide oversight and guidance to supporting staff for quality and compliance

**Minimum qualifications:**

- A technical bachelor's degree with an energy focus, preference being towards mechanical, electrical, environmental, or architectural engineering
- Minimum of eight years of engineering or work experience in related area
- Knowledge of Title 24, ASHRAE 90.1, IECC, and other energy codes
- Demonstrated ability to write reports, technical papers, and provide technical presentations to knowledgeable audiences
- Experience with data analysis, scripting, and large-scale simulations,
- Project management experience including budget development and management
- Excellent verbal communication skills
- Willingness to conduct occasional business travel

**Salary DOE: \$92k - \$125k/Annually**

Compensation is commensurate with experience and includes a generous retirement package. Energy Solutions provides an excellent benefits package including a generous retirement plan, medical, dental and vision insurance, other pre-tax contribution plans and an Employee Stock Ownership Plan (ESOP).

To apply please visit <https://energy-solution.com/company/careers/>.

For more information about Energy Solutions, please visit us on our website at [www.energy-solution.com](http://www.energy-solution.com).

We encourage candidates from diverse backgrounds to apply. Information will be requested to perform the compulsory background check; drug screens are required and authorization to work in the U.S. indefinitely is a precondition of employment. Energy Solutions is an equal opportunity employer.