

Looking for a career in engineering? Think SMUD!

SMUD offers career paths in civil, electrical, mechanical and power systems engineering from a STEM student assistant position to a director in engineering.



STEM Student Assistant

\$41,414 - \$50,458

- Full-time college junior or senior (8 months/year, 12 units/semester)
- Completed entry level courses in engineering or physical science curriculum

Assistant Engineer

\$67,200 - \$88,968

- College senior in last semester at accredited university or college
- Completed all required courses in engineering curriculum

Associate Engineer

\$88,140 - \$116,724

- Bachelor's degree in engineering or California Professional Electrical Engineer (PE) license
- 3-5 years of relevant work experience

Senior Engineer

\$124,476 - \$164,880

- Bachelor's degree in engineering or professional certification in specific engineering discipline
- 5-7 years of relevant work experience

Principal Engineer

\$134,016 - \$177,504

- Bachelor's degree in engineering or professional certification in specific engineering discipline
- 7-10 years of relevant work experience

Manager, Engineering

\$144,300 - \$191,172

- Bachelor's degree in engineering or architectural engineering
- 10+ years as supervisor in engineering, planning design, or construction

Director, Engineering

\$173,748 - \$242,028

- Bachelor's degree in electrical engineering or related field
- 10-15 years as direct supervisor of professional personnel

Powering forward. Together.



Careers in Engineering

For more, visit smud.org/Careers

Architectural Engineer

The architectural engineer's primary focus is designing for energy efficiency, including both new construction and energy retrofits. Our Architectural Engineers provided energy efficiency and lighting design assistance for the Golden One Center.

Civil Engineer

Civil engineers design infrastructure for the reliability of our electrical system and ensure compliance with governing laws and regulations. They also help us meet the evolving needs of our customers, working with them in the move towards renewable energy sources and the reduction of greenhouse gasses.

Distribution Design Engineer

Distribution design engineers ensure the reliability of our local grid infrastructure in keeping with safety and engineering codes, while ensuring compliance with applicable laws and regulations.

Electrical Engineer

Electrical engineers develop cost-effective solutions to increase the efficiency and reliability of our grid and power plants. They apply comprehensive knowledge of electrical system design, utility infrastructure, as well as protection and control systems to ensure compliance with changing laws and regulations.

Energy Management System (EMS) Engineer

EMS engineers work to ensure the stability of the electrical grid on a local and regional level. They leverage real-time systems software, data analytics, power system applications and database administration to maximize energy savings, operational efficiency and sustainability.

Instrument and Controls (I&C) Engineer

I&C engineers design instrument and control systems for our various generation assets in keeping with federal and state regulations, SMUD policies and other standards. As part of an interdisciplinary team, they work in the initial planning and design phases of power plant component, system upgrade and plant modification projects.

Mechanical Engineer

Mechanical engineers play a crucial role in monitoring, inspecting and maintaining our electrical facilities and related equipment. They develop safe, economically viable and environmentally sustainable clean energy systems utilizing solar, wind, thermal, hydropower and other non-carbon-emitting resources.

Power System Operations Engineer

Power system operations engineers work to ensure stability and reliability of our bulk transmission system. They collaborate with other utilities and regulatory entities to ensure the stability and reliability of the regional interconnected grid.

Protection Engineer

Protection engineers design, develop, analyze and test protective relaying and control systems to maintain the operating balance of generation, transmission and distribution systems.

Quality Engineer

Quality engineers ensure that SMUD upholds stringent standards and codes governing electric utilities including generation, transmission, distribution, safety, hazardous materials handling and environmental protection. They participate in process improvement and develop and maintain quality control inspection plans.

Telecom Engineer

Telecom engineers work with cutting edge technology to ensure uninterrupted operation and reliability of our voice, data and video systems. They plan, budget, design, construct, operate and maintain our telecommunications systems. They recommend technical modifications to improve the performance of existing systems.

Transmission Planning Engineer

Transmission planning engineers ensure the capacity and reliability of our transmission system necessary to meet customer demand. They conduct essential load-flow and fault analysis studies to assess system capabilities to ensure the reliability of our transmission infrastructure.

SMUD is an Equal Opportunity Employer.

Qualified applicants will receive consideration without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.



SMUD[®]

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