

# California Energy Commission



**CLASSIFICATION:** **Senior Oil and Gas Engineer (Specialist)**  
Will consider Associate Oil and Gas Engineer

**TENURE/TIME BASE:** Permanent/Full Time

**SALARY:** Senior O&GE: \$10,345 - \$12,953  
Associate O&GE: \$ 8,978 - \$11,235

**LOCATION:** Energy Assessments Division, Administration  
Sacramento

**FINAL FILING DATE:** **Until Filled**

The Energy Assessments Division consists of a multi-disciplinary staff of economists, engineers, and scientists responsible for developing methodologies, models, and data for analyzing California’s energy supply and demand.

**JOB DESCRIPTION:** The Senior Oil and Gas Engineer (SOGE) primarily performs natural gas hydraulic modeling and analysis of California’s natural gas utilities’ systems to assess operational conditions. This modeling and analysis will determine the risk posed to those systems and assist in developing contingency plans to maintain natural gas system reliability for end-use customer demand and electricity generation.

This position serves as the Energy Commission’s lead oil and gas engineer for natural gas and gas utility system operations in relation to grid reliability. Evaluates, selects, and runs appropriate natural gas hydraulic models to test variables, assumptions, and scenarios relating to natural gas supply and flow. The SOGE works with staff to develop new methods and applications for contingency planning specific to maintaining the reliability of California’s natural gas infrastructure and grid operations. The SOGE also coordinates with staff to perform integrated electric and natural gas modeling to understand the electric grids dependency on natural gas.

This position also leads, coordinates, and communicates with utilities, other government agencies, and industry stakeholders regarding natural gas and integrated gas and electric modeling, analysis results, and other relevant assessments. This includes convening and participating in meetings with stakeholders to strategize and discuss analysis and to monitor updates in the context of California energy policy, analytical uses, and program impacts on related forecasts.

**DESIRABLE EXPERIENCE/QUALIFICATIONS:** The successful applicant should have:

- Excellent interpersonal, organizational, and leadership skills. Ability to coordinate interdisciplinary projects and staff, at times dealing with competing work priorities and deadlines. Ability to effectively work and lead others within a team environment while under pressure, and maintain positive and constructive work relationships with others.
- Excellent written and oral communication skills. Ability to effectively communicate with others. Ability to effectively write, review, and edit technical program information. Ability to gather, compile, analyze, interpret and communicate written and numerical research data.
- Excellent analytical skills and the ability to reason logically and creatively while analyzing a variety of analytical techniques.

- Proficiency on a personal computer and familiarity with word processing, data base management, spreadsheets, models, and graphics.

**WHO MAY APPLY:** Eligible candidates who are current state employees with status in the above classification, lateral transfers from an equivalent class who meet the minimum qualifications of this classification, former state employees who can reinstate into this class or persons who are reachable on a current employment list for this classification. Appointment is subject to the provisions of the SROA process: SROA/SURPLUS/ REEMPLOYMENT candidates are encouraged to apply and must attach a copy of their status letter in order to be considered. Applications will be screened and the most qualified may be contacted for an interview.

Interested applicants must submit a completed Standard State Application (Form STD. 678) with an original signature, to the contact/address listed below. Electronic applications will not be accepted. **You must clearly indicate the basis of your eligibility (i.e., list, transfer, SROA/Surplus, reinstatement, etc.), RPA #800-125 and Position #800-3727-001 in the “Explanation Section” of the STD. 678.**

***Please Note:** Possession of the minimum qualifications will be verified prior to the interview and/or appointment. If it is determined an applicant does not meet the minimum qualifications, the application may be forwarded to the State Personnel Board for review and the applicant’s name may be removed from the eligibility list.*

**SUBMIT APPLICATIONS TO:**

Personnel Services Office  
ATTN: RPA #800-125  
1516 9<sup>th</sup> Street, MS-3  
Sacramento, CA 95814

View full Duty Statements:  
<http://www.energy.ca.gov/careers/jobs.html>

*For additional questions regarding this recruitment, you may contact (916) 654-4305 or email [personnelservices@energy.ca.gov](mailto:personnelservices@energy.ca.gov).*

*California Relay (Telephone) Service – TDD Phones: 1-800-735-2929 and Voice Phones: 1-800-735-2922*