



JOB OPPORTUNITY BULLETIN

CLASSIFICATION: Electric Generation System Specialist I
Will consider Energy Analyst

TENURE/TIMEBASE: Permanent/ Full-time

SALARY:

EGSS I	\$7,058 - \$8,732
Energy Analyst	Range A: \$3,199 - \$3,917
	Range B: \$3,464 - \$4,279
	Range C: \$4,154 - \$5,146

LOCATION: Energy Assessments Division, Supply Analysis Office
Sacramento, CA

FINAL FILING DATE: **July 18, 2017**

The Energy Assessments Division (EAD) consists of a multi-disciplinary staff of economists, and engineers responsible for developing methodologies, models, and data for analyzing energy supply and demand. The Supply Analysis Office (SAO) conducts assessments of the electricity and natural gas systems, as well as transportation fuels costs, supply, and other fuels related matters. The SAO's Distributed Generation Integration Unit focuses on analysis of California's distributed energy resources (DER) and their deployment in relation to policy goals. This includes electricity systems modeling, economic analysis and other subject matter areas related to DER trends, procurement, and planning.

DUTIES/RESPONSIBILITIES: Under the general direction of the Electric Generation System Specialist III in the Supply Analysis Office, the incumbent will perform or direct varied, difficult, and complex engineering and economic analyses to provide decision-makers and the public with current and useful information and objective analyses of the impact of California's new clean energy policies on electricity systems, markets, and issues. The incumbent may serve as a project lead over other technical and analytical staff. The incumbent's work will be related to integrating distributed energy resources (DER) into the electric distribution and transmission grid to meet the state's clean energy goals. More specifically, the EGSS I will:

- Develop technical assessments resulting from energy systems modeling such as power flow, or similar load-flow methodologies that will inform policy and enable cost-effective DER projects and markets. Review and report on existing tariffs, contracts, and programs available to DER developers in investor-owned utility and publicly owned utility service territories. Work, often in collaboration with the California Public Utilities Commission (CPUC), to develop cost-benefit assessments of DER facilities and guidelines for new tariffs that support increasing penetrations of these resources.
- Assess the impact of meeting California's clean energy goals with distributed energy resources (DER) on electric distribution and transmission system reliability and resiliency. The incumbent will examine and analyze the operational and economic impacts of DER on California's grid. This includes analysis of programs and the costs associated with interconnecting DER, and integrating and operating these resources to support system reliability. Evaluate market participant strategies and identify policy options for supporting markets that will support development of these resources while containing costs. Identify emerging technical and economic challenges. Propose remedial actions.

- Compile, study, and coordinate collection of data and information on DER and with the CPUC, California Independent System Operator, utilities, and the Air Resources Board. Analyze and report on operational profiles of these resources and determine how they can be efficiently and cost effectively utilized and integrated into electric system operations to meet both reliability and operational requirements. Develop new spreadsheet models to better understand how these costs overlap and can be integrated.

DESIRABLE EXPERIENCE/QUALIFICATIONS:

- Excellent analytical skills and the ability to reason logically and creatively while analyzing a variety of analytical techniques.
- Excellent written and oral communication skills. Ability to effectively write and edit technical program information. Ability to gather, compile, analyze, and interpret written and numerical research data.
- Excellent interpersonal and leadership skills. Ability to work under pressure effectively, both under supervision as well as independently, within a team environment and maintaining positive and constructive work relationships with others. .
- Proficiency on a personal computer and familiarity with word processing, data base management, spreadsheets, models, and graphics.
- Intermediate to Advanced skills with Microsoft Excel and Microsoft Word software programs.

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 #810-428 and Position #810-4841-0XX 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 #810-428
 1516 9th 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 personnel@energy.ca.gov.

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

