



Classification: Energy Commission Specialist III (Forecasting)	Position No. 8200-4949-006 (SB 350 – EEA Lead Specialist)
CBID: R-10	Office: Demand Analysis
Date Prepared: May 10, 2017	Division: Energy Assessments
KEY: (E) IS ESSENTIAL, (M) IS MARGINAL	

Under the general direction of the Demand Analysis Office (DAO) Manager, the Energy Commission Specialist III (ECS III) will serve as the Energy Commission's top subject-matter expert and technical advisor in the field of energy efficiency savings and demand reductions as outlined in Senate Bill 350 (DeLeon, Chapter 547, Statutes of 2015). SB 350 requires the Energy Commission to develop annual targets for statewide energy efficiency savings and energy demand reductions in order to achieve a cumulative doubling of energy efficiency savings in electricity and natural gas final end uses of retail customers by January 1, 2030. Additionally, commencing in 2019 and biennially thereafter, the Energy Commission must prepare an assessment of the effects of these savings on electricity demand statewide, in local service areas, and on an hourly and seasonal basis. The ECS III will work with a team of energy specialists knowledgeable about electricity and natural gas customers in California and state and utility programs intended to increase energy efficiency savings in order to determine whether these programs are cost effective and measure progress towards meeting California energy efficiency savings targets. The ECS III will keep Energy Commission management and state policymakers informed of the progress in implementing these portions of SB 350. Additionally, the ECS III will provide policy recommendations regarding program direction to meet state energy efficiency savings targets.

WORKING CONDITIONS. The work is performed primarily indoors in an office and meeting-room setting and involves standing and walking as well as sitting for long periods of time. The incumbent must work well with people inside and outside the Energy Commission, including members of the general public; perform well under pressure of deadlines; exercise good listening and communication skills; and prepare quality reports and regulations for expert and layperson readers, team members, and contractors. Additional hours beyond the eight-hour workday or forty-hour workweek may be required. While performing the duties described below, the incumbent will be required to work alone and/or in a team environment, using a personal computer and appropriate Energy Commission software, such as word processes, electronic mail, and internet; participate in and lead meetings with other staff and with other agencies. Some travel is required to attend off-site meetings and participate in workshops and hearings.

DUTIES AND RESPONSIBILITIES:

- 30% Serve as the Energy Commission's top policy expert on energy efficiency targets and as project lead for the work to establish efficiency targets for utilities and other responsible entities. Provide expert consultation to Energy Commission management and staff, lead a team of multi-disciplinary staff, and coordinate with stakeholders in a public process to develop estimates of statewide and regional energy efficiency savings potential. Make recommendations for developing and implementing the process for establishing annual targets that double statewide energy efficiency savings and examine strategies that may be implemented to encourage electric and gas utilities and other entities to increase their customers' energy efficiency savings.



- 25% Coordinate with other Demand Analysis staff and other offices within the Energy Commission to develop and assess methods to decrease gaps between energy efficiency savings accomplishments and the annual statewide targets in order to achieve a doubling of energy efficiency savings in electricity and natural gas final end uses for retail customers. Coordinate with the Efficiency Division and other stakeholders to assess efficiency savings contributions from codes and standards. Assess various methods to measure the cost-effectiveness of efficiency measures. Lead the effort to develop tools and methodologies for assessing progress in reaching statewide energy efficiency targets. (E).
- 20% Serve as the technical and policy lead on the development of methods that measure and assess a) the interactive effects between natural gas and electricity consumption resulting from state energy efficiency policy, b) the hourly and seasonal impacts from efficiency initiatives, and c) local, regional, and statewide efficiency impacts while d) also considering impacts of photovoltaics, storage and other electricity load modifiers. Make recommendations to forecasters about how to incorporate the results of these assessments into the demand forecast and its models. (E)
- 10% Coordinate with the California Public Utilities Commission, electric and natural gas utilities, and other responsible entities on energy efficiency reporting requirements and data collection needed to carry out and assess energy efficiency legislative mandates, along with the confidentiality requirements for handling these data. Coordinate data collection process with the data collection unit of the Demand Analysis Office, management, Commissioners, and stakeholders to determine requirements to procure data. Collaborate with electric generation specialists to review energy efficiency and demand response reported as part of the integrated resource plans submitted to the Energy Commission by publicly owned utilities. (E)
- 5% Develop and coordinate a process to conduct assessments of SB 350 energy efficiency efforts on disadvantaged communities and provide an update every two years on progress in this area, either in the *Integrated Energy Policy Report* or another document as prescribed by legislation. (E)
- 5% Represent the DAO at workshops and other meetings related to SB 350 energy efficiency efforts. Present findings and conclusions to staff, management, Commissioners, other government agencies, legislature, media, and private entities involved in energy efficiency and forecasting. Lead effort to write chapters in reports and documentation of processes developed to meet and measure progress towards reaching statewide energy efficiency savings targets. (E)
- 5% Perform other duties as required consistent with the specifications of this classification. (M)

SIGNATURES	
I Certify That I Am Able To Perform, With Or Without The Assistance Of A Reasonable Accommodation, The Essential Job Duties Of This Position	
<div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> Employee, EEA Lead Specialist Date Energy Commission Specialist III (FO)	<div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> Siva Gunda, Manager Date Energy Resources Specialist III (Managerial)