



Classification: Electric Generation System Specialist I	Position No. 8100-4841-XXX
CBID: R09	Office: Supply Analysis
Date Prepared: October 10, 2012	Division: Energy Assessments
KEY: (E) IS ESSENTIAL, (M) IS MARGINAL	

Under the general direction of the Electric Generation System Specialist II in the Supply Analysis Office (SAO) within the Energy Assessments Division (EAD), 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 electricity systems, markets, and issues. The incumbent may serve as a project lead over other technical and analytic staff.

WORKING CONDITIONS: Work is performed primarily in an office, conference room, and hearing room environment and may require standing and walking as well as sitting for long periods of time. Work area is well lighted and ventilation is adequate. The noise level may be often high. Some travel is required to attend off-site meetings. Additional hours beyond an eight-hour workday or forty-hour workweek may be required.

DUTIES AND RESPONSIBILITIES: While performing the duties described below, the incumbent will be required to work alone and/or in a team environment, utilizing a personal computer and appropriate Commission software such as word processing, electronic mail, Internet and analytical models; participate in meetings with other staff and other agencies. The incumbent will:

- 30% Provide expertise regarding electric generation resource procurement projections of types, locations, capacities, timing of operations/retirements, and other characteristics, both in-state and out-of-state within the WECC system. Provide leadership, participation, and coordination to Energy Commission intra-office and inter-divisional data collection and usage teams, and to similar teams with other energy agencies. Data compilation and analytical topics will include, but are not limited to, generation resource tracking and projections, retirement and repowering of aging and once-through-cooled generation resources, and assisting with local and system procurement decisions. Participate in data collection streamlining reviews and new regulation rulemakings as needed. (E)
- 20% Monitor and, as requested by Energy Commission management, participate in CPUC long-term procurement planning, renewables portfolio standard, resource adequacy and other proceedings. Analyze and synthesize information for SAO, EAD, the Executive Office, Commissioners, and other divisions about the proceedings, the inter-relationships with and potential impacts on Energy Commission and other statewide energy programs and policies. (E)
- 20% Monitor and, as requested by Energy Commission management, participate in CAISO transmission planning, flexible resource capacity needs, renewable generation integration, and other proceedings. Analyze and synthesize information for SAO, EAD, the Executive



Office, Commissioners, and other divisions about the proceedings, their inter-relationships with and potential impacts on Energy Commission and other statewide energy programs and policies. (E)

- 20% Assist other SAO staff in the analysis supporting and preparation of studies and/or papers related to IEPR and IEPR Updates, and annual summer outlook reports. Synthesize complicated information in a simple, consumer-friendly manner. (M)
- 5% Administer the Energy Commission's Emissions Performance Standard program as applied to publicly owned utilities. Conducts analysis for the program as needed. (M)
- 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; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> Employee Date </div> <p>Electric Generation System Specialist I</p>	<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> Garry O'Neill-Mariscal Date </div> <p>Electric Generation System Specialist II</p>