

DOCKETED

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City of Anaheim PUBLIC UTILITIES DEPARTMENT

April 25, 2016

The Honorable Robert B. Weisenmiller, Ph.D.
Chairman
California Energy Commission
1516 Ninth Street, MS-33
Sacramento, CA 95814

Dear Chairman Weisenmiller:

Thank you for your leadership in hosting the Commission's April 18th Workshop on Publicly Owned Utility Integrated Resource Plans. Anaheim Public Utilities supports your agency's efforts to transform the utility industry with respect to grid advancement, renewable integration, and electric transportation, while considering the needs of our local community to provide high service reliability and mitigate rate impacts to our 350,000 residents. We appreciate the opportunity to respond to questions by yourself and Commissioner Scott during the workshop in regards to Anaheim's efforts on electric transportation and proliferation of renewable resources.

As a major destination for over 22 million annual visitors to such venues as the Disneyland Resort, Honda Center, Angel Stadium, and the Anaheim Convention Center, Anaheim is well situated to promote and encourage the proliferation of electric transportation that helps to lower vehicle emissions and improve local air quality. Over the past 15 years, Anaheim has tested electric shuttles, trams, and fleet vehicles to better understand the operating characteristics of electric transportation and their impacts to the local grid. More recently, Anaheim was a grant recipient through the Commission's Alternative and Renewable Fuel and Vehicle Technology (ARFVT) Program, and installed 5 electric vehicle charging stations at the Anaheim Regional Transportation Intermodal Center (ARTIC).

Anaheim has nearly 100 public access electric vehicle charging stations throughout the city, and estimates that approximately 1,000 electric vehicles are registered in Anaheim. Anaheim Public Utilities has an ongoing electric vehicle charger rebate program, which was initially implemented with a rebate of up to \$1,500 per charger for early adopters. Similar to solar rebate structures, we have progressively reduced the rebate amount to the current \$500 level, and to date, 260 customers have taken advantage of this program. Anaheim Public Utilities is currently developing a public access charging station incentive program that allows businesses to receive increased rebates as long as the charger is available to the general public. In addition, the program envisions enhanced rebates for

schools as well as multi-family dwellings in income qualified locations to help encourage electric vehicle proliferation to disadvantaged communities. Anaheim Public Utilities also has tariffs that encourage electric vehicles, including whole house time-of-use rate and an electric vehicle specific rate.

In terms of renewable resources, Anaheim is well on its way to meeting state goals. Anaheim recently dedicated a 20 Megawatt (MW) landfill gas-to-energy project at the Bowerman Landfill in Orange County that will help to displace our expiring contract for San Juan Generating Station in New Mexico. Two additional renewable contracts have been approved by the Anaheim City Council, including a solar project in Central California and a 4.5 MW anaerobic digestion project that creates electricity from local organic waste. In addition, Anaheim constructed a 2.4 MW solar photovoltaic system on top of the Anaheim Convention Center, with its own interactive kiosk for convention-goers to view.

Anaheim has successfully met its SB1 solar incentive program goals and has provided rebates to approximately 2,000 customers for rooftop systems. Anaheim is working with local schools to develop an enhanced solar for schools program that takes into account the school's facility needs for shade structures. Past projects with local schools include solar rooftop, lunch shelters and solar flags that have been used to educate students on benefits of solar energy and to allow them to collect and analyze data directly from the system. Anaheim also sponsors local high schools in a solar-powered boat competition hosted by the Metropolitan Water District of Southern California. Anaheim schools have won the overall event eight times since it began, and students learn first-hand about how solar works, which enhances their science and math education.

Additionally, the Anaheim City Council approved the Public Utilities Department's Greenhouse Gas Reduction Plan. This plan includes sustainable initiatives for both the water and electric utilities. Featured initiatives have measurable targets, including converting to renewable power generation technologies, enhanced energy efficiency programs, rooftop solar energy production, conserving water to reduce pumping loads and vehicle electrification. All of these initiatives assist the utility with reducing greenhouse gas emissions for the benefit of the local community.

Anaheim Public Utilities is the 5th largest publicly owned utility in California, and operates the only water and electric utility in Orange County. We are focused on delivering sustainable power supplies and encouraging the adoption of electric transportation, while providing value to all residents and businesses that also desire high reliability and affordable electric rates.

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We look forward to presenting these and the many other types customer programs within the utility's Integrated Resource Plan, which are designed to help our customers save energy and money in conjunction with meeting the state's environmental goals.

Sincerely,



Dukku Lee
Public Utilities General Manager
City of Anaheim

c: Commissioner Janea A. Scott
Commissioner David Hochschild
Anaheim City Council
Anaheim Public Utilities Board
Anaheim City Manager