


BOARD MEETING DATE: October 3, 2014

AGENDA NO. 6

PROPOSAL: Approve Site Location Change for Hydrogen Fueling Station Upgrade 

SYNOPSIS: In March 2014, using CEC grant revenue, the Board awarded funds to Air Liquide Industrial U.S. LP to upgrade existing hydrogen fueling infrastructure at LAX. Site issues with the original location now require moving the station to another site in the same vicinity. This action is to approve the site location change for this project.

COMMITTEE: Technology, September 19, 2014; Recommended for Approval

**RECOMMENDED ACTION:**

Authorize the Chairman to approve a site location change for a March 2014 Board approved contract with Air Liquide Industrial U.S. LP to upgrade hydrogen fueling infrastructure from the approved LAX East-Clean Energy site location to an alternative site in the vicinity of LAX.

Barry R. Wallerstein, D.Env.  
Executive Officer

MMM:DAH

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**Background**

In June 2013, the Board recognized \$6,690,828 from CEC's AB 118 Program into the Hydrogen Fueling Infrastructure Network Fund (63) to upgrade existing hydrogen fueling infrastructure. Following a successful RFP process, in March 2014, the Board awarded a contract up to \$2,630,000 from Fund 63 to Air Liquide Industrial U.S. LP to upgrade the existing hydrogen fueling infrastructure at LAX. The award specified that the upgrade would be performed at the existing LAX East-Clean Energy site located at 10400 Aviation Blvd. in Los Angeles. Site issues with this original location now require moving the station to another site in the same vicinity.

**Proposal**

The upgrade will entail the same equipment and project scope as originally proposed by Air Liquide for the existing LAX hydrogen station but allow flexibility for a different

site location in the same vicinity. Negotiations are proceeding with LAWA to site the station on their property. However, if issues cannot be resolved, staff requests flexibility to work with the CEC and Air Liquide to identify an alternative location in the same area near LAX rather than at the existing LAX East-Clean Energy site location. Air Liquide still plans to own and operate the station.

### **Benefits to SCAQMD**

The SCAQMD supports hydrogen infrastructure and fuel cell technologies and recognizes that light-, medium- and heavy-duty vehicles must achieve zero or near-zero emissions if the region hopes to meet state and federal air quality attainment standards. This project would help ensure that sufficient hydrogen infrastructure is available to fuel the impending fuel cell vehicle roll out. While the CEC funding was recognized into a special revenue fund, it complements the Technology Advancement Office's Clean Fuels Program and projects like this one are included in the *2014 Clean Fuels Program Plan Update* under "Develop and Demonstrate Distributed Hydrogen Production and Fueling Stations."

### **Resource Impacts**

In June 2013 \$6,690,828 from CEC was recognized into the Hydrogen Fueling Infrastructure Network Fund (63), and in March 2014 the Board approved a contract with Air Liquide for an amount not to exceed \$2,630,000 from the Hydrogen Fueling Infrastructure Network Fund (63) using a portion of this CEC grant.