



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Selecting Locations for Hydrogen Infrastructure

California Energy Commission

DOCKETED
12-HYD-01

TN # 66124

JULY 02 2012

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Damian Breen, Director-Strategic Incentives Division

Presentation to the California Energy Commission

June 22, 2012

Workshop Questions

- What defines the optimal hydrogen station location?
- What is the best approach for selecting site locations for stations in the future?

Station Location

- Location Defined by Strategic Purpose:
 - Objective 1: Support Vehicle Users and Demand (clustering)
 - Objective 2: Support Strategic Goal – Open Travel Corridor
 - Objective 3: Promotion of vehicle use with Businesses/Public
- Use patterns for prospective hydrogen vehicles need to be modeled
- Expected to be similar to Early Adopters (i.e. hybrid, PEV, Natural Gas vehicles)

Selecting a Station Site

- Know your Objective – Cluster vs. Corridor
- Know your Target Customers – conduct modeling, research and analyze “heat maps”
- CEQA and Permitting Issues - Check with your Local Jurisdictions – How much do they know about hydrogen and how they feel about a station in their community?
- Consult with Automakers to make sure vehicles are deployed to support station operations