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2017 CaFCP OEM Priority Hydrogen Station Location Recommendations

August 2, 2017

Hydrogen Station Developers and Interested Stakeholders –

The California Air Resources Board asked CaFCP's automaker members to provide a collective response to identify fuel cell electric vehicle (FCEV) customer market locations in support of future development of hydrogen stations.

As in past requests, the automakers individually submitted their lists of locations and submitted them in a blind process to CaFCP to assure anonymity. CaFCP aggregated individual responses.

With a special emphasis on locations previously awarded hydrogen stations, the automakers made recommendations based on:

- Market critical locations awarded, but not completed, in past Program Opportunity Notices.
- Expansion of key market areas that include Sacramento; greater San Francisco Bay area; Los Angeles, Orange County, and adjacent market areas; and San Diego area
- Providing redundancy for the Central Valley I-5 corridor and enabling the beginning of round-trip travel to the Fresno/Visalia region (e.g., Arvin/Lebec area)
- Establishing early market and connector stations:
 - US 101 Central Coast corridor to serve the San Luis Obispo region and support travel between the Santa Barbara and Monterey/San Francisco Bay areas
 - I-15 Corridor to serve the Victorville/Barstow region and support future travel between Los Angeles and Las Vegas

The recommended station locations for the next phase of California's hydrogen fueling network development are consistent with the published documents "[A California Road Map: The Commercialization of Hydrogen Fuel Cell Vehicles](#)" (2012) and Roadmap update "[Hydrogen Progress, Priorities and Opportunities](#)" (2014).

Station developers and interested stakeholders are encouraged to engage with the OEMs directly for more detailed information.

The automotive members of the California Fuel Cell Partnership:

- American Honda Motor Company, Inc.
- General Motors LLC
- Hyundai-Kia America Technical Center, Inc.
- Mercedes-Benz Research & Development North America, Inc.
- Nissan Technical Center North America
- Toyota Motor North America, Inc.
- Volkswagen Group of America, Inc.

2017 OEM PRIORITY HYDROGEN STATION LOCATION RECOMMENDATIONS

CaFCP's automaker members identified 45 priority locations for future hydrogen station development in California. Stations are listed in alphabetical order and shown without relative priority.

Market Critical Locations

Cities that were previously awarded hydrogen stations, but for various reasons were relocated to other cities or the award was cancelled.

CARB Note: Beverly Hills has been funded through NOPA-15-605, Second Revision.

Beverly Hills	Awarded in PON-09-608 and PON-11-609, but not completed
Cupertino	Awarded in PON-11-609, but not completed
Irvine North	Awarded in PON-09-608, but not completed
Laguna Niguel/Aliso Viejo	Awarded in PON-09-608 and PON-13-607, but not completed
Manhattan Beach	Awarded in PON-11-609, but PON cancelled by CEC
Pacific Palisades	Awarded in PON-13-607, but not completed
Redondo Beach	Awarded in PON-09-608, but not completed
San Mateo/Foster City	Awarded in PON-12-606, but not completed

New Priority Market Locations

Cities that can provide redundancy, expand existing markets, and seed new markets.

Arvin/Lebec (I-5/Wheeler Ridge Rd.)	Redwood City (US 101)
*Barstow/Victorville (I-15)	Sacramento/Downtown (I-5/Bus80)
Baldwin Park/W. Covina (I-10/I-605)	Sacramento/Folsom (US 50)
Brea (SR 57)	San Diego/Airport (I-5)
Calabasas (US 101)	San Diego/Carlsbad-Oceanside (I-5)
Cerritos (US 91/I-605)	San Diego /La Jolla–University Town Center
Corona (I-15/US 91)	San Diego/Rancho Bernardo (I-15)
Davis (SR 113/I-80)	San Jose/Alamitos (SR 85/SR 87)
Downey/Norwalk (I-5/I-605)	San Luis Obispo (US 101)
Dublin/Pleasanton (I-580/I-680)	San Rafael/Corte Madera (US 101)
Garden Grove/Orange (SR 22/I-5)	Santa Cruz (PCH/SR 17)
Granada Hills (I-405/SR 118)	Santa Rosa (US 101)
Los Angeles (near Downtown)	Simi Valley (SR 118)
Malibu (PCH)	Temecula (I-15)
Monterey	Toluca Lake/Burbank (SR 134)
Napa (SR 29/Trancas St.)	Vallejo (I-80/SR 29)
Newport Beach	Ventura (US 101)
Palm Springs/Rancho Mirage	Walnut Creek (I-680/SR 24)
Rancho Santa Margarita (SR 241)	

**Note: Barstow/Victorville – Due to the round-trip distance, development of a “connector” hydrogen station on the I-15 corridor to enable travel to Las Vegas is contingent upon a coincident development of a “destination” hydrogen station in the Las Vegas area. This two-station approach substantially increases the potential for travel, and thereby improves the utilization and overall operational economics of both hydrogen stations compared to a connector only approach.*

CARB Notes on New Priority Market Locations:

- 1) Granada Hills may be considered met by the Mission Hills (close proximity and same highway intersections) station funded through NOPA-15-605, Second Revision.
- 2) Redwood City has been funded through NOPA-15-605, Second Revision.
- 3) The Studio City station funded through NOPA-15-605, Second Revision does not match exactly but is very near (~1.3 miles) the Toluca Lake/Burbank area, adjacent to HWY 101 instead of SR 134; these highways intersect north of Studio City and west of ~Toluca Lake/Burbank (see map at right)

