

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



FIFTH REVISED NOTICE OF PROPOSED AWARDS

Alternative and Renewable Fuel and Vehicle Technology Program

Grant Solicitation PON-13-607 Hydrogen Refueling Infrastructure – Operation and Maintenance Grants

December 15, 2015

On November 22, 2013, the California Energy Commission (Energy Commission) released a Grant Solicitation and Application Package entitled “Hydrogen Refueling Infrastructure” under the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP). This grant solicitation (PON-13-607) was an offer to fund projects: 1) to develop infrastructure necessary to dispense hydrogen transportation fuel; and 2) to provide needed Operation and Maintenance (O&M) funding to support hydrogen refueling operations prior to the large-scale roll-out of Fuel Cell Vehicles (FCVs). Funding will be provided to construct, upgrade, or support hydrogen refueling stations that expand the network of publicly accessible hydrogen refueling stations to serve the current population of FCVs and accommodate the planned large-scale roll-out of FCVs commencing in 2015.

On March 28, 2014, the Energy Commission issued a Notice of Proposed Awards (NOPA) for O&M support grants to 4 existing hydrogen stations that were operational. On October 17, 2014, the Energy Commission issued a Revised NOPA for 2 additional stations that became operational. On June 11, 2015 the Energy Commission issued a Second Revised NOPA for 9 stations. On August 24, 2015 the Energy Commission issued a Third Revised NOPA for 13 stations. On September 29, 2015, the Energy Commission issued a Fourth Revised NOPA for 4 stations and 1 mobile refueler. The attached Fifth Revised NOPA is for 12 stations. Additional proposed awards will be announced as eligible O&M funding applicants acquire permits that allow them to construct and begin operation of the hydrogen refueling station identified in their O&M funding application.

As articulated in PON-13-607 funding for these grants is tied to the date the station is operational as articulated in this table:

O&M Support Grants

	Actual Station Operational Date		
	On or Before October 31, 2015	November 1, 2015 through February 29, 2016	March 1, 2016 through October 31, 2016
Maximum Annual O&M Support	100% of eligible O&M costs up to \$100,000 per year.	80% of eligible O&M costs up to \$80,000 per year.	60% of total project costs up to \$60,000 per year.
Maximum Term for O&M Funding	October 31, 2018	October 31, 2018	October 31, 2018
Max O&M Funding Award per Station	\$300,000	\$240,000	\$150,000

The attached table, "Fifth Revised Notice of Proposed Awards," identifies each applicant selected and recommended for funding and includes the amount of the recommended award. This notice is being mailed to all parties who submitted an application to this solicitation and is also posted on the Energy Commission's website at:

<http://www.energy.ca.gov/contracts/index.html>.

Funding of proposed projects resulting from this solicitation is contingent upon the approval of these projects at a publicly noticed Energy Commission Business Meeting and execution of a grant agreement.

Questions should be directed to:

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**California Energy Commission
Alternative and Renewable Fuel and Vehicle Technology Program**



**Solicitation PON-13-607
Hydrogen Refueling Infrastructure -
Operation and Maintenance Support Grants
Fifth Revised Notice of Proposed Awards**

December 14, 2015

Proposal Number	Applicant	Station Address	Funds Requested	Proposed Award	Recommendation
Awards Proposed on March 28, 2014					
1	Mehtahi Station Services, Inc.	25800 5 Western Ave, Harbor City, CA 90710	\$300,000	\$300,000	Awardee
2	Cal State University, LA, Auxiliary Services, Inc.	5151 State University Drive, Los Angeles, CA 90032	\$300,000	\$300,000	Awardee
24	Air Liquide Industrial US LP	10400 Aviation Blvd., Los Angeles, CA 90045	\$300,000	\$300,000	Awardee
39	H2 Frontier, Inc.	145 W. Verdugo Ave., Burbank, CA 91515	\$300,000	\$300,000	Awardee
	TOTAL FUNDING RECOMMENDED ON March 28, 2014		\$1,200,000	\$1,200,000	
Awards Proposed on October 17, 2014					
11	Air Products and Chemicals, Inc.	21865 E. Copley Drive, Diamond Bar, CA 91765	\$300,000	\$300,000	Awardee
112	Linde, LLC	1515 South River Road, West Sacramento, CA 95691	\$300,000	\$300,000	Awardee
	TOTAL FUNDING RECOMMENDED ON October 17, 2014		\$600,000	\$600,000	
Awards Proposed on June 11, 2015					
6	Air Products and Chemicals, Inc.	5314 Topanga Canyon Rd. Woodland Hills, CA 91364	\$300,000	\$300,000	Awardee
8	Air Products and Chemicals, Inc.	1819 Cloverfield Blvd., Santa Monica, CA 90404	\$300,000	\$300,000	Awardee
9	Air Products and Chemicals, Inc.	7751 Beverly Blvd., Los Angeles, CA 90036	\$300,000	\$300,000	Awardee
10	Air Products and Chemicals, Inc.	11261 Santa Monica Blvd., Los Angeles, CA 90025	\$300,000	\$300,000	Awardee
12	Air Products and Chemicals, Inc.	19172 Jamboree Blvd., Irvine, CA 92612	\$300,000	\$300,000	Awardee
23	Air Liquide Industrial US LP	3731 East La Palma Ave. Anaheim, CA 92806	\$300,000	\$300,000	Awardee
37	H2 Frontier, Inc.	12600 East End Ave Chino, CA 91710	\$300,000	\$300,000	Awardee
113	Linde LLC	26572 Junipero Serra Rd., San Juan Capistrano, CA 92675	\$300,000	\$300,000	Awardee
126	First Element Fuel Inc.	248 So. Airport Blvd., South San Francisco, CA 94080	\$300,000	\$300,000	Awardee
	TOTAL FUNDING RECOMMENDED ON June 11, 2015		\$2,700,000	\$2,700,000	

Proposal Number	Applicant	Station Address	Funds Requested	Proposed Award	Recommendation
Awards Proposed on August 24, 2015					
32	HTEC Hydrogen Technology & Energy Corporation	17287 Skyline Blvd., Woodside CA 94062	\$300,000	\$300,000	Awardee
45	ITM Power Inc.	8095 Lincoln Ave. Riverside, CA 92504	\$300,000	\$300,000	Awardee
67	Ontario CNG Station Inc.	1850 Holt Blvd., Ontario, CA 91761	\$300,000	\$300,000	Awardee
71	HyGen Industries, LLC	5060 Redwood Dr., Rohnert Park, CA 94928	\$300,000	\$300,000	Awardee
82	HyGen Industries, LLC	8544 East Chapman Ave., Orange, CA 92869	\$300,000	\$300,000	Awardee
127	First Element Fuel Inc.	2101 N. 1st st., San Jose, CA 95131	\$300,000	\$300,000	Awardee
128	First Element Fuel Inc.	391 West A St., Hayward, CA 94541	\$300,000	\$300,000	Awardee
129	First Element Fuel Inc.	5700 Hollywood Blvd., Los Angeles, CA 90028	\$300,000	\$300,000	Awardee
135	First Element Fuel Inc.	8126 Lincoln Blvd., Los Angeles, CA 90045-2410	\$300,000	\$300,000	Awardee
137	First Element Fuel Inc.	3401 Long Beach Blvd., Long Beach, CA 90807	\$300,000	\$300,000	Awardee
139	First Element Fuel Inc.	24553 West Dorris Ave., Coalinga, CA 93210	\$300,000	\$300,000	Awardee
140	First Element Fuel Inc.	12105 Donner Pass Road, Truckee, CA 96161	\$300,000	\$300,000	Awardee
141	First Element Fuel Inc.	150 South La Cumbre, Santa Barbara, CA 93105	\$300,000	\$300,000	Awardee
	TOTAL FUNDING RECOMMENDED ON August 24, 2015		\$3,900,000	\$3,900,000	
Awards Proposed on September 29, 2015					
133	First Element Fuel Inc.,	2050 Harbor Blvd., Costa Mesa, CA 92627	\$300,000	\$300,000	Awardee
122	First Element Fuel Inc.,	12600 Saratoga Ave., Saratoga, CA 95070	\$300,000	\$300,000	Awardee
134	First Element Fuel Inc.,	550 Foothill Blvd., La Canada-Flintridge, CA 91011	\$300,000	\$300,000	Awardee
7	Air Products and Chemicals, Inc	5410 Walnut Ave., Irvine, CA 92604	\$300,000	\$300,000	Awardee
36	H2 Frontier, Inc.	403 E Gardena Blvd., Gardena, CA 90248	\$300,000	\$300,000	Awardee
	TOTAL FUNDING RECOMMENDED on September 29, 2015		\$1,500,000	\$1,500,000	
Awards Proposed on December 14, 2015					
4	Air Products and Chemicals, Inc	15606 Inglewood Ave., Lawndale, CA 90260	\$300,000	\$240,000	Awardee
13	Air Products and Chemicals, Inc	1200 Beryl St., Redondo Beach, CA 90404	\$300,000	\$240,000	Awardee
16	Air Liquide Industrial US LP	3601 El Camino Real, Palo Alto, CA 94306	\$300,000	\$240,000	Awardee
84	Hygen Industries, LLC	17301 Pacific Coast Hwy., Pacific Palisades, CA 90272	\$300,000	\$240,000	Awardee
115	Linde LLC	390 Foster City Blvd., Foster City, CA 94404	\$300,000	\$240,000	Awardee
116	Linde LLC	830 Leong Drive, Mountain View, CA 94043	\$300,000	\$240,000	Awardee
123	First Element Fuel Inc.	2855 Winchester Blvd., Campbell, CA 95008	\$300,000	\$240,000	Awardee
125	First Element Fuel Inc.	570 Redwood Highway, Mill Valley, CA 94941	\$300,000	\$240,000	Awardee
130	First Element Fuel Inc.	1200 Fair Oaks, South Pasadena, CA 91030	\$300,000	\$240,000	Awardee
132	First Element Fuel Inc.	3060 Carmel Valley Rd., San Diego, CA 92130	\$300,000	\$240,000	Awardee
138	First Element Fuel Inc.	20731 Lake Forest Dr., Lake Forest, CA 92630	\$300,000	\$240,000	Awardee

	TOTAL FUNDING RECOMMENDED on December 14, 2015		\$3,300,000	\$2,640,000	
	TOTAL FUNDING RECOMMENDED TO DATE		\$13,200,000	\$12,540,000	