

CALIFORNIA ENERGY COMMISSION

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

**NOTICE OF PROPOSED AWARD****Alternative and Renewable Fuel and Vehicle Technology Program****Grant Solicitation PON-13-607
Hydrogen Refueling Infrastructure
May 1, 2014**

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 was an offer to fund projects that develop infrastructure necessary to dispense hydrogen transportation fuel and to provide needed Operation and Maintenance funding to support hydrogen refueling operations prior to the large-scale roll-out of Fuel Cell Vehicles. The grant solicitation announced that there is a total of \$29.9 million available for the agreements resulting from this solicitation and that the Energy Commission, at its sole discretion, reserves the right to increase or reduce the amount of funds available.

The attached table, "Notice of Proposed Awards", identifies each applicant selected and recommended for funding by Energy Commission staff and includes the amount of recommended funding and score. 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: Rachel Grant Kiley
Grants and Loans Officer
California Energy Commission
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**California Energy Commission
Alternative and Renewable Fuel and Vehicle Technology Program
Solicitation PON-13-607
Hydrogen Refueling Infrastructure**



**Hydrogen Refueling Station Development Grants
Notice of Proposed Awards
May 1, 2014**

Proposal Number	Applicant	Station Address	Score	Funds Requested	Proposed Award	Planned Operational Date	Recommendation
Proposed Awards for 100% Renewable Station Grants							
54	First Element Fuel, Inc.	5700 Hollywood Boulevard, Los Angeles, CA 90028	88.63%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
60	First Element Fuel, Inc.	8126 Lincoln Boulevard, Los Angeles, CA 90045	88.16%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
			Subtotal:	\$2,902,000	\$2,902,000		
Proposed Award for Mobile Refueler Grant							
14	Institute of Gas Technology dba Gas Technology Institute	N/A	81.68%	\$999,677	\$999,677	August, 2015	Awardee
			Subtotal:	\$999,677	\$999,677		
Proposed Awards for Station Location Area Competition Grants							
47	FirstElement Fuel, Inc.	12600 Saratoga Avenue, Saratoga, CA 95070	88.42%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
48	FirstElement Fuel, Inc.	2855 Winchester Boulevard, Campbell, CA 95008	88.05%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
49	FirstElement Fuel, Inc.	690 Veterans Boulevard, Redwood City, CA 94063	87.95%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
57	FirstElement Fuel, Inc.	3060 Carmel Valley Road, San Diego, CA 92130	87.68%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
62	FirstElement Fuel, Inc.	3401 Long Beach Blvd., Long Beach, CA 90807	87.47%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
58	FirstElement Fuel, Inc.	2050 Harbor Boulevard, Costa Mesa, CA 92627	86.63%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
59	FirstElement Fuel, Inc.	550 Foothill Boulevard, La Canada Flintridge, CA 91011	86.63%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
53	FirstElement Fuel, Inc.	391 West A Street, Hayward, CA 94541	86.32%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
64	FirstElement Fuel, Inc.	24505 West Dorris Avenue, Coalinga, CA 93210	86.32%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
65	FirstElement Fuel, Inc.	12105 Donner Pass Road, Truckee, CA 96161	86.32%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
51	FirstElement Fuel, Inc.	248 South Airport Blvd., South San Francisco, CA 94080	86.16%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
25	Air Liquide Industrial US LP	2200 El Camino Real, Palo Alto, CA 94036	83.95%	\$2,125,000	\$2,125,000	October 31, 2015	Awardee
55	FirstElement Fuel, Inc.	1200 Fair Oaks Avenue, South Pasadena, CA 91030	82.89%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee

Proposal Number	Applicant	Station Address	Score	Funds Requested	Proposed Award	Planned Operational Date	Recommendation
45	ITM Power Inc	8095 Lincoln Avenue, Riverside, CA 92504	82.68%	\$2,125,000	\$2,125,000	October 31, 2015	Awardee
56	FirstElement Fuel, Inc.	30081 Crown Valley Parkway, Laguna Niguel, CA 92677	82.42%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
118	Linde LLC	2451 Bishop Drive, San Ramon, CA 94583	82.42%	\$2,125,000	\$2,125,000	October 31, 2015	Awardee
33	Hydrogen Technology & Energy Corporation (HTEC)	17287 Skyline Boulevard, Woodside, CA 94062	81.63%	\$2,125,000	\$2,125,000	October 31, 2015	Awardee
120	Linde LLC	1019 Langley Street, Oakland, CA 94621	81.32%	\$2,125,000	\$2,125,000	October 31, 2015	Awardee
63	FirstElement Fuel, Inc.	20731 Lake Forest Drive, Lake Forest, CA 92630	81.26%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
66	FirstElement Fuel, Inc.	150 South La Cumbre Road, Santa Barbara, CA 93105	81.26%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
50	FirstElement Fuel, Inc.	570 Redwood Highway, Mill Valley, CA 94941	81.16%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
52	FirstElement Fuel, Inc.	2101 North First Street, San Jose, CA 95131	81.05%	\$1,451,000	\$1,451,000	October 31, 2015	Awardee
105	HyGen Industries, LLC	15281 West Sunset Blvd., Pacific Palisades, CA 90272	79.53%	\$1,768,938	\$1,768,938	October 31, 2015	Awardee
92	HyGen Industries, LLC	5060 Redwood Drive, Rohnert Park, CA 94928	73.63%	\$1,768,938	\$1,768,938	October 31, 2015	Awardee
103	HyGen Industries, LLC	8544 East Chapman Avenue, Orange, CA 92869	73.63%	\$1,768,938	\$1,768,938	October 31, 2015	Awardee
			Subtotal:	\$40,598,814	\$40,598,814		
Proposed Awards for Unassigned Station Competition Grants							
68	Ontario CNG Station Inc	1850 Holt Boulevard, Ontario, CA 91761	79.89%	\$2,125,000	\$2,125,000	October 31, 2015	Awardee
			Subtotal:	\$2,125,000	\$2,125,000		
Passed, but Not Funded							
100	HyGen Industries, LLC	328 Marsh Street, San Luis Obispo, CA 93401	73.89%	\$1,768,938	\$0	N/A	Insufficient funds available for project
			Subtotal:	\$1,768,938	\$0		
Proposal Number	Applicant	Station Address	Score	Funds Requested	Proposed Award	Reason for Disqualification	
Disqualified							
61	FirstElement Fuel, Inc.	24505 Hawthorne Boulevard, Torrance, CA 90505	86.63%	\$1,451,000	\$0	Location is within 6 minutes of an existing or planned station	
26	Air Liquide Industrial US LP	1250 University Avenue, Berkeley, CA 94702	85.42%	\$2,125,000	\$0	Location is within 6 minutes of an existing or planned station	
29	Air Liquide Industrial US LP	503 Whipple Avenue, Redwood City, CA 94063	84.84%	\$2,125,000	\$0	Station Location Area covered by a higher scoring application	

Proposal Number	Applicant	Station Address	Score	Funds Requested	Proposed Award	Reason for Disqualification
30	Air Liquide Industrial US LP	12353 Deerfield Drive, Truckee, CA 96161	84.21%	\$2,125,000	\$0	Station Location Area covered by a higher scoring application
46	FirstElement Fuel, Inc.	988 North San Antonio Road, Los Altos, CA 94022	83.16%	\$1,451,000	\$0	Station Location Area covered by a higher scoring application
43	ITM Power Inc	8095 Lincoln Avenue, Riverside, CA 92504	83.11%	\$2,125,000	\$0	Station Location Area covered by a higher scoring application
31	Air Liquide Industrial US LP	1270 North Vermont Ave., Los Angeles, CA 90029	80.42%	\$2,125,000	\$0	Station Location Area covered by a higher scoring application
91	HyGen Industries, LLC	1601 Mission Street, San Francisco, CA 94103	80.05%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
96	HyGen Industries, LLC	2120 Montana Street, Oakland, CA 94602	79.53%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
97	HyGen Industries, LLC	820 Portwood Avenue, Oakland, CA 94601	79.53%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
110	HyGen Industries, LLC	8126 Lincoln Boulevard, Los Angeles, CA 90045	79.53%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
28	Air Liquide Industrial US LP	438 West Tennyson Road, Hayward, CA 94544	79.42%	\$2,125,000	\$0	Station Location Area covered by a higher scoring application
90	HyGen Industries, LLC	2400 15th Street, Sacramento, CA 95818	79.32%	\$1,768,938	\$0	Location is within 6 minutes of an existing or planned station
98	HyGen Industries, LLC	2194 University Avenue, Palo Alto, CA 94303	79.32%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
40	H2 Frontier, Inc	20572 Lake Forest Drive, Lake Forest, CA 92630	79.26%	\$2,120,623	\$0	Station Location Area covered by a higher scoring application
27	Air Liquide Industrial US LP	3790 Hopyard Road, Pleasanton, CA 94566	79.11%	\$2,125,000	\$0	Station Location Area covered by a higher scoring application
104	HyGen Industries, LLC	9988 Wilshire Boulevard, Beverly Hills, CA 90210	78.95%	\$1,768,938	\$0	Location is within 6 minutes of an existing or planned station
102	HyGen Industries, LLC	1351 East Dyer Road, Santa Ana, CA 92705	78.89%	\$1,768,938	\$0	Location is within 6 minutes of an existing or planned station
41	H2 Frontier, Inc	20572 Lake Forest Drive, Lake Forest, CA 92630	78.00%	\$2,125,000	\$0	Station Location Area covered by a higher scoring application
101	HyGen Industries, LLC	301 East Coast Highway, Newport Beach, CA 92660	74.26%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
107	HyGen Industries, LLC	2305 South La Cienega Blvd., Los Angeles, CA 90034	74.26%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
93	HyGen Industries, LLC	2708 Union Avenue, Campbell, CA 95124	74.05%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
99	HyGen Industries, LLC	809 East Stanley Avenue, Livermore, CA 94550	74.05%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
108	HyGen Industries, LLC	474 South Lake Avenue, Pasadena, CA 91101	74.05%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
109	HyGen Industries, LLC	8380 Santa Monica Blvd., West Hollywood, CA 90069	74.05%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
95	HyGen Industries, LLC	1784 150th Street, San Leandro, CA 94578	73.89%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
94	HyGen Industries, LLC	444 East Taylor Street, San Jose, CA 95112	73.68%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application
106	HyGen Industries, LLC	11243 San Fernando Road, San Fernando, CA 91340	73.68%	\$1,768,938	\$0	Station Location Area covered by a higher scoring application

Proposal Number	Applicant	Station Address	Score	Funds Requested	Proposed Award	Reason for Disqualification
111	IGX Group, Inc.	Mobile Refueler	80.84%	\$501,200	\$0	Application #14 received a higher score
35	Hydrogen Technology & Energy Corporation (HTEC)	Mobile Refueler	78.42%	\$1,000,000	\$0	Application #14 received a higher score
15	Air Products and Chemicals, Inc.	Mobile Refueler	73.68%	\$829,264	\$0	Application #14 received a higher score
			Subtotal:	\$54,425,033	\$0	
			Grand Total:	\$102,819,462	\$46,625,491	

* This NOPA will be revised with additional O&M funding recommendations as eligible O&M funding applicants complete construction and begin operation of the hydrogen refueling station identified in the O&M funding application.