

Pre-Application Workshop #3 - GFO-19-602 Hydrogen Refueling Infrastructure

Cory Shumaker, Development Specialist, California Hydrogen Business Council

On January 24, the California Energy Commission held the third workshop for GFO-19-602 Hydrogen Refueling Infrastructure at South Coast Air Quality Management District. The GFO will further support hydrogen refueling infrastructure projects, encouraging projects with fueling agreements with fleets of commercial vehicles and transit buses to increase station throughput and to aid in the transition of California's commercial vehicle and bus fleets to a zero-emission alternative. The funding available for the GFO is up to \$115.7 million, subject to future appropriations and Clean Transportation Program Investment Plan funding allocations. The amount of funding currently available is \$45.7 million. There is a single applicant cap of 45% of the total funding available; there is no limit to the number of stations proposed in an application.

The following criteria applies to applications for this GFO:

- Projects in applications are for construction of “open retail” hydrogen refueling stations.
 - The stations can be new or be an upgrade to an existing station (as long as the existing station does not have an active CEC agreement to become open retail).
- All stations must be located in an eligible State area as defined by the [CHIT MAP](#)
 - Must be at least two H70-T40 fueling positions in "Market Initiation, Coverage Growth and Capacity Growth" areas.
 - No more than two H70-T40 fueling positions in the "Connector" or "Destination" areas.
 - Each fueling position must have a minimum 24 hour capacity of 225kg and be capable of providing a minimum of seven 4kg H70-T40 fills in one hour at 95% state of charge.
 - Each station must remain open for at least five years.
 - No station may be located within 1 linear mile of another station that is open retail, under construction, funded or recommended for funding. Therefore, backup stations are highly encouraged to be submitted in the case two applicants recommended for funding are too close in proximity.
 - Hydrogen used is required to be at least 40% renewable; based on a company-wide weighted average assessment.
 - No Operation and Maintenance funding is available under this solicitation.
- Hydrogen Station Capacity Evaluation (HySCapE) must be used to validate capacity of each fueling position in station design.
- Eligible project costs are equipment (greater than \$5,000 with a useful life greater than one year) and costs related to equipment purchase such as shipping, installation, commissioning and any standard service costs.
 - Minimum of 50% match share of the total eligible project costs (equipment). Match can be cash or in-kind.
 - Funding from other non-state government agencies may be used as match share.
- From date of CEC approval the build should be approved for build from the local authority having jurisdiction within 18 months and open retail within 30 months.
- Deadline for application is April 30th 5pm; proposed award notice should be released in June.

The presentation from this GFO workshop can be found [here](#). Written questions are due by January 29th. More information on the GFO can be found here: <https://www.energy.ca.gov/solicitations/2019-12/gfo-19-602-hydrogen-refueling-infrastructure>