

STAFF REPORT



MEETING DATE:	February 24, 2022
SUBJECT:	Receive Updates on Hydrogen Fuel Cell Activities in the Shasta Region
AGENDA ITEM:	17
STAFF CONTACT:	Sean Tiedgen, AICP, Senior Transportation Planner

STAFF RECOMMENDATION:

It is recommended that the board of directors receive an update on regional hydrogen fuel cell activities.

DISCUSSION:

The Shasta Regional Transportation Agency (SRTA) hosted a hydrogen fuels transportation workshop on April 27, 2021. An update on any recent regional development activities was requested. Todd Jones, executive director of the Shasta Economic Development Corporation (Shasta EDC), will present on potential hydrogen fuel cell and other alternative fuel projects in development in the region.

Additionally, SRTA has been busy with several related activities:

- SRTA issued a request for qualifications for a consultant to assist SRTA by providing general guidance and coordination with interested public and private sector parties to promote a hydrogen fuel economy (Shasta Regional Hydrogen Hub) in the Shasta Region. A contract with Frontier Energy, totaling \$50,000, was signed on February 15, 2022.
- SRTA is pursuing membership on the California Fuel Cell Partnership. The membership provides SRTA an opportunity to participate in statewide working groups, network with government and private sector stakeholders, receive updates on current government and private sector activities and funding opportunities, access to informational materials, and technical support.

OTHER AGENCY INVOLVEMENT:

SRTA has been discussing potential coordination opportunities with the Shasta EDC, Redding Electric Utility, PG&E, California Fuel Cell Partnership, and others related to zero emission technologies. There is growing interest in creating a regional consortium related to hydrogen fuel cell technology projects to discuss implementation challenges and opportunities.

Keith Williams, AICP, Senior Transportation Planner

Attachment:

- Hydrogen Fuels Transportation Workshop Staff Report:**
https://www.sрта.ca.gov/DocumentCenter/View/5503/7_Hydrogen_Fuel_Cell_Workshop---6
- Hydrogen Fuels Transportation Workshop Video:** <https://www.youtube.com/watch?v=IU2YIT33Dzc>