

ENERGY AND ENVIRONMENT COMMITTEE REPORT relative to an overview of the Scattergood Generating Station Green Hydrogen project; potential alternatives to the project; public health and safety impacts; public engagement process for the project; role of green hydrogen at large in the City's transition to 100% renewable energy; and related matters.

Recommendations for Council action, as initiated by Motion (Yaroslavsky – Park – Raman):

1. DIRECT the Los Angeles Department of Water and Power (LADWP) to report to the City Council with details of the project on a semi-annual or more frequent basis as requested, including immediately prior to:
 - a. Releasing a Request for Proposal or other similar solicitation for the design and construction of the Scattergood Units 1 and 2 Green Hydrogen Ready Modernization Project.
 - b. Any contracts to the Board of Water and Power Commissioners for this project. Such reports shall include at a minimum how the project will operate consistent with the Council direction in Council File (CF) No. 21-0352, CF No. 22-0255, and the following:
 - i. Result in no increase of any criteria pollutant emissions (nitrogen oxides, carbon monoxide, etc.) over any time period (i.e., 1-hour, 8-hour etc.) relative to the emission limits established by Best Available Control Technology for a similar natural gas fired combustion turbine with the goal of minimizing or eliminating these emissions to the maximum extent feasible.
 - ii. Not create new significant public health and safety risks resulting from catastrophic failures of systems to produce, store, transport, and use green hydrogen in this project.
 - iii. Incorporate hydrogen leak prevention, mitigation, and monitoring throughout the production, transportation, storage, and combustion system and estimate the hydrogen leakage rates of the project from the point of fuel production through delivery and combustion and the local air pollution and greenhouse gas impacts of that leakage.
 - iv. Solely utilize hydrogen that is produced using new, dedicated renewable energy resources or excess renewable energy resources.
 - v. Not rely on local potable water supplies and not impair LADWP's goal of eliminating all water imports.

2. DIRECT LADWP to conduct a new or updated assessment of non-combustion alternatives to the project, including the use of green-hydrogen powered fuel cells, high levels of energy storage, large-scale multi-day demand response programs, new and upgraded transmission lines to import higher levels of renewable energy, and others that considers the public health benefits, safety risks, and costs and benefits, and REPORT to the Council on the results of this analysis within six months.

3. DIRECT LADWP to directly engage, using equitable engagement principles, communities, Neighborhood Councils, and Community-Based Organizations along any hydrogen pipeline or transportation routes and adjacent to in-basin gas-fired power plants on the impacts of hydrogen production, storage, transport, and combustion, including but not limited to air quality, climate change, and public health and safety.

Fiscal Impact Statement: Neither the City Administrative Officer nor the Chief Legislative Analyst has completed a financial analysis of this report.

Community Impact Statement: None submitted

Summary:

On February 3, 2023, your Committee considered Motion (Yaroslavsky – Park – Raman) relative to an overview of the Scattergood Generating Station Green Hydrogen project; potential alternatives to the project; public health and safety impacts; public engagement process for the project; role of green hydrogen at large in the City’s transition to 100% renewable energy; and related matters. The Motion attached to the Council file includes some background on the matter.

After providing an opportunity for public comment, the Committee moved to approve the recommendations reflected above, as amended. This matter is now forwarded to the Council for its consideration.

Respectfully Submitted,

ENERGY AND ENVIRONMENT COMMITTEE

<u>MEMBER</u>	<u>VOTE</u>
YAROSLAVSKY:	YES
MCOSKER:	YES
RAMAN:	YES
BLUMENFIELD:	ABSENT
HERNANDEZ:	ABSENT