

NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT AND NOTICE OF A PUBLIC SCOPING MEETING

Date: May 15, 2023

To: Agencies, Organizations, and Interested Parties

Subject: Notice of Preparation of a Draft Environmental Impact Report for the Scattergood Generating Station Units 1 and 2 Green Hydrogen-Ready Modernization Project

This Notice of Preparation (NOP) has been prepared in accordance with the California Environmental Quality Act (CEQA) Guidelines Section 15082 to notify agencies, interested parties, and members of the public that the Los Angeles Department of Water and Power (LADWP), as the lead agency, will prepare an Environmental Impact Report (EIR) pursuant to CEQA for the proposed Scattergood Generating Station Units 1 and 2 Green Hydrogen-Ready Modernization Project (proposed project).

LADWP is requesting input from interested members of the public and affected agencies regarding the scope and content of the environmental analysis to be included in the EIR. A description of the project and preliminary determination of the environmental resource factors to be addressed in the EIR are included in the Initial Study for the proposed project, which is available for review as outlined below.

PROJECT OVERVIEW

Based on the findings of the Los Angeles 100% Renewable Energy Study (LA100),¹ the proposed project has been identified as an integral component of LADWP's Power Strategic Long-Term Resource Plan (SLTRP),² which establishes the pathway to achieve a carbon-free energy system for the City of Los Angeles (City). The proposed project is necessary to maintain transmission reliability and resilience of the City's electrical power grid during and after the transition to a carbon-free system. The deployment of additional firm capacity resources utilizing renewably derived hydrogen fuel will allow LADWP to meet future peak

¹ The Los Angeles 100% Renewable Energy Study (LA100) was released in March 2021 by the National Renewable Energy Laboratory in collaboration with LADWP and identifies potential pathways for LADWP to achieve reliable, 100% renewable and carbon-free energy as early as 2035. <https://maps.nrel.gov/la100/la100-study/report>

² The Power Strategic Long-Term Resource Plan (SLTRP) serves as a comprehensive roadmap that guides LADWP's Power System in its efforts to supply reliable electricity in an environmentally responsible and cost-effective manner. <https://www.ladwp.com/ladwp/faces/ladwp/aboutus/a-power/a-p-integratedresourceplanning>

demands from load growth, address transmission contingencies, and support the accelerated buildout of clean energy projects. Scattergood Generating Station has been identified as the most immediate and instrumental location in relation to the requirement for firm generation capacity due to the electrification of Los Angeles International Airport, the potential implementation of increased wastewater treatment capabilities at the City's Hyperion Water Reclamation Plant, and anticipated growth in demand for electricity in the western areas of the City that Scattergood serves.

PROJECT DESCRIPTION

The proposed project would replace the generation capacity of existing Scattergood Units 1 and 2, which are conventional natural-gas-fired steam boiler generators that would be removed from service, with a rapid-response combined-cycle generation system (CCGS) capable of operating on a fuel mixture of natural gas and a minimum of 30 percent hydrogen gas. The proposed CCGS would consist of a combustion-turbine generator and a steam-turbine generator operating in tandem. When compared to the existing steam-boiler Units 1 and 2, the CCGS would substantially increase fuel efficiency, thereby also reducing the emission of air pollutants and greenhouse gases relative to the amount of energy produced. Additional facilities or ancillary functions required to support the proposed CCGS include a wet-surface air cooler, gas compressors, a potential dedicated pipeline for industrial wastewater discharge, and new circuit-breakers, disconnect switches, and H-frame structures for stringing conductors.

With the implementation of expanded renewable generation resources, improvements to transmission assets, increased energy storage, and other elements of the LADWP carbon-free energy system outlined in the SLTRP, the in-basin combustion units are anticipated to be utilized primarily for backup power generation. Therefore, it is anticipated that the proposed project CCGS would be operated at a substantially lower capacity factor (i.e., the ratio of actual generation output to the potential capacity of the generation unit) compared to similar units in service today.

Green hydrogen technology is at its early stages; therefore, installation of the hydrogen infrastructure for production, transportation, and storage is not included in the scope of this project. Hydrogen infrastructure will be analyzed in a separate CEQA document when the necessary information to support an adequate analysis of potential impacts is available.

Construction of the proposed project is anticipated to begin in early 2026 and continue through mid-2029. The CCGS would be fully operational by the end of 2029.

PROJECT LOCATION

The proposed project is located in the Playa Del Rey Community of the City of Los Angeles, at the intersection of Vista Del Mar and Grand Avenue within the LADWP Scattergood Generating Station. The new CCGS would occupy approximately three acres in the southwest corner of Scattergood, adjacent to the intersection of Vista Del Mar and Grand Avenue. This vacant site consists of a paved lot that lies approximately 30 feet below the surrounding grade as a result of the demolition of the former Scattergood Generation Unit 3 during a previous project. A wet-surface air cooler and additional gas compressors would be

installed in the central portion of Scattergood. Portions of the Scattergood Generating Station property located south of Grand Avenue would be used for materials laydown as well as parking to support project construction.

POTENTIAL ENVIRONMENTAL IMPACTS

In accordance with CEQA Guidelines Section 15063, an Initial Study has been completed, and LADWP has determined that that the proposed project may potentially create significant impacts related to various environmental factors considered under CEQA. Therefore, an EIR will be prepared for the proposed project. The potential environmental impacts of the proposed project that will be addressed in the EIR will include, but may not be limited to, the following factors:

- Aesthetics
- Air Quality
- Greenhouse Gas Emissions
- Hazards & Hazardous Materials
- Hydrology & Water Quality
- Noise
- Tribal Cultural Resources
- Utilities/Service Systems

PUBLIC SCOPING MEETING

LADWP will hold a virtual Public Scoping Meeting to share information regarding the proposed project and the environmental review process, and to receive comments regarding the scope and content of the environmental analysis to be addressed in the EIR. LADWP encourages all interested individuals and organizations to attend this meeting. The date, time and details for the virtual Scoping Meeting are as follows:

Date: Tuesday, June 6, 2023

Time: 7:00 PM

Location: Zoom Conference: <https://us06web.zoom.us/j/85039539212>

Meeting ID: 850 3953 9212

Or by phone dial: +1 (669) 444-9171 / Meeting ID: 850 3953 9212

Or by QR Code:



Verbal comments provided at the Scoping Meeting will be recorded so that they may be addressed in the preparation of the Draft EIR.

Sign Language interpreters, assistive listening devices, or other auxiliary aids and/or services will be provided upon request. To ensure availability, you are advised to make your request at least 72 hours prior to the meeting you wish to attend. Due to difficulties in securing Sign Language interpreters, five or more business day notice is strongly recommended. To request an accommodation, please call (213) 367-5204.

PUBLIC REVIEW AND COMMENTS

LADWP invites comments on the scope and content of the EIR in connection with the proposed project. The public comment period for this NOP and review of the Initial Study will commence on **May 15, 2023**, and conclude on **June 14, 2023**.

Please ensure that comments are postmarked or emailed on or before **June 14, 2023**.

The NOP and Initial Study are available for review at the locations listed below and may also be accessed electronically and/or downloaded at the following website:

<https://www.ladwp.com/envnotices>.

LADWP Environmental Affairs 111 North Hope Street, Rm 1044 Los Angeles, CA 90012	El Segundo Public Library 111 W. Mariposa Avenue El Segundo, CA 90245	Los Angeles Central Library 630 W. 5th Street Los Angeles, CA 90071
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Please direct your comments or questions to the following:

Ms. Jazmin Martin
Los Angeles Department of Water and Power
Environmental Planning and Assessment
111 North Hope Street, Room 1044
Los Angeles, CA 90012
Phone: (213) 367-1768
Email: scattergood_ceqa@ladwp.com

Please remember to include your name and return address so that you can be added to the project mailing list for future project notifications. Written comments can be submitted via email or hard copy by the methods described above. Please note, the City's practice is to make the entirety of comments received a part of the public record. Therefore, names, home addresses, home phone numbers, and email addresses of commenters, if included in the response, will be made part of the record available for public review. Individual commenters may request that the City withhold their name and/or home addresses, etc., but if you wish the City to consider withholding this information, you must state this prominently at the beginning of your comments. In the absence of this written request, this information will be made part of the record for public review. The City will always make submissions from organizations or businesses, and from individuals identifying themselves as representatives or officials of organizations or businesses, available for public inspection in their entirety.

Additional information regarding the proposed project can be found on the project website at <https://www.ladwp.com/ScattergoodModernization>.

Sincerely,



Jane Hauptman
Manager of Environmental Planning and Assessment
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