

NOTICE OF AVAILABILITY OF A DRAFT ENVIRONMENTAL IMPACT REPORT AND NOTICE OF A PUBLIC MEETING

Date: October 31, 2024

To: Agencies, Organizations, and Interested Parties

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

This Notice of Availability (NOA) has been prepared in accordance with the California Environmental Quality Act (CEQA) Guidelines Section 15087 to notify agencies, interested parties, and members of the public that the Los Angeles Department of Water and Power (LADWP), as the lead agency, has prepared a Draft Environmental Impact Report (DEIR) pursuant to CEQA for the proposed Scattergood Generating Station Units 1 and 2 Green Hydrogen-Ready Modernization Project (Proposed Project). The DEIR is available for public review and comment from interested members of the public and affected agencies regarding the content of the environmental analysis and information included in the DEIR.

PROJECT OVERVIEW

Based on the findings of the Los Angeles 100% Renewable Energy Study (LA100)¹ and LADWP's Power Strategic Long-Term Resource Plan (SLTRP),² the Proposed Project has been identified as an integral component of implementing a carbon-free energy system that provides reliable and sustainable electrical power for the City of Los Angeles (City). The Proposed Project is necessary for the continued availability of local energy generation that can be dependably and rapidly dispatched to respond to

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- 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>

demand for energy in LADWP's service area required to maintain the resilience and reliability of the City's electrical power grid. LADWP's Scattergood Generating Station has been identified as the most immediate and instrumental location in relation to the requirement for firm (i.e., dependable) in-basin generation capacity due to the projected demand for energy in areas of the City that Scattergood serves.

PROJECT DESCRIPTION

LADWP proposes to construct and operate a rapid-response combined-cycle generation system (CCGS) at Scattergood Generating Station. 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 CCGS capable of operating on a fuel mixture of natural gas and a minimum of 30 percent hydrogen by volume. The proposed CCGS would consist of a combustion-turbine generator and a steam-turbine generator operating in tandem. Additional facilities or ancillary functions required to support the proposed CCGS include, but are not limited to, an air-cooled condenser, wet-surface air cooler, gas compressors, switchyard upgrades, and a dedicated pipeline for industrial wastewater discharge.

With the implementation of expanded renewable generation resources, improvements to transmission systems, increased energy storage, and other elements of the LADWP carbon-free energy system outlined in the SLTRP, LADWP's in-basin generation units, including the Proposed Project, are anticipated to be utilized less frequently than under current conditions, primarily to meet peaks in the requirement for electrical power during high demand days that exceed renewable energy production and energy storage capacity. In addition, the CCGS would be used during relatively short-term periods when the renewable generation sources and/or transmission assets become unavailable due to emergency circumstances. Therefore, although anticipated to be operated less frequently, this firm local generation capability is crucial to maintaining the resilience and reliability of the LADWP power system.

The necessary infrastructure for the production, delivery, and storage of green hydrogen needed to support the Proposed Project currently does not exist. While it is anticipated that a sufficient market supply of green hydrogen may be available to support the Proposed Project dual-fuel CCGS when it is fully commissioned by the end of 2029, the details of the green hydrogen system are currently unknown. Therefore, this DEIR does not address the supply of green hydrogen to Scattergood Generating Station, which will be analyzed in a separate environmental review and approval process when the necessary information to support an adequate analysis of potential impacts is available. LADWP would not implement or operate this hydrogen infrastructure but would be a

purchaser of hydrogen to supply the Proposed Project. Nonetheless, because the combustion-turbine generator component of the proposed CCGS would be capable of operating on a mixture of natural gas and hydrogen fuel, the impacts related to the combustion of such a fuel mixture are analyzed in this DEIR.

Construction of the Proposed Project is anticipated to begin in 2026 and the CCGS would be fully operational by the end of 2029.

PROJECT LOCATION

The Proposed Project is located in the City's Playa Del Rey community, at the intersection of Vista Del Mar and Grand Avenue. The new CCGS would occupy approximately three acres in the southwest corner of Scattergood Generating Station. 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, switchyard upgrades would take place within the confines of the existing switchyard, and a dedicated wastewater pipeline to Hyperion Water Reclamation Plant would be installed in Vista Del Mar. Portions of the Scattergood Generating Station property located south of Grand Avenue would be used for materials laydown, temporary office trailers, and employee parking area to support project construction.

SUMMARY OF ENVIRONMENTAL EFFECTS

An analysis of the potential environmental impacts associated with implementation of the Proposed Project has been conducted and is contained in the DEIR. The Proposed Project would result in short-term construction-related significant impacts to air quality, biological resources, geology and soils, hazards and hazardous materials, and tribal cultural resources requiring mitigation measures. Specific mitigation measures have been identified which would reduce these impacts to a less than significant level. Additionally, the Proposed Project would result in a significant and unavoidable impact to air quality during generator commissioning activity for the three vendors evaluated and during project operations for one of the vendors.

PUBLIC MEETING

LADWP will hold a virtual Public Meeting to share information regarding the Proposed Project and the environmental review process, and to receive comments regarding the content of the environmental analysis addressed in the DEIR. LADWP encourages all

interested individuals and organizations to attend this meeting. The date, time, and details for the virtual Public Meeting are as follows:



Date: Wednesday, November 20, 2024
Time: 7:00 PM
Location: Zoom Conference:
<https://us06web.zoom.us/j/86194157015>
Meeting ID: 861 9415 7015
Or by phone dial: +1 (253) 215-8782 / Meeting ID: 861 9415 7015
Or by QR Code:

Verbal comments provided at the Public Meeting will be recorded so that they may be addressed in the preparation of the Final Environmental Impact Report.

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. Due to difficulties in securing Sign Language interpreters, five or more business days notice is strongly recommended. To request an accommodation, please call (213) 367-5204.

PUBLIC REVIEW AND COMMENTS

LADWP invites comments on the content of the DEIR in connection with the Proposed Project. The 50 day-public comment period for this NOA and review of the DEIR will commence on **October 31, 2024**, and conclude on **December 20, 2024**.

Please ensure that comments are postmarked or emailed on or before **December 20, 2024**. The NOA and DEIR 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 Corporate Environmental Affairs
111 North Hope Street, Room 1044
Los Angeles, CA 90012

El Segundo Public Library
111 West Mariposa Avenue
El Segundo, CA 90245

Los Angeles Central Library
630 West 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
Corporate Environmental Affairs
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