

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH # 2023050366

Project Title: Scattergood Generating Station Units 1 and 2 Green Hydrogen-Ready Modernization Project

Lead Agency: Los Angeles Department of Water and Power Contact Person: Jazmin Martin
 Mailing Address: 111 N. Hope Street, Room 1044 Phone: (213) 367-1768
 City: Los Angeles Zip: 90012 County: Los Angeles

Project Location: County: Los Angeles City/Nearest Community: Los Angeles/Playa Del Rey
 Cross Streets: Vista Del Mar and Grand Avenue Zip Code: 90293

Longitude/Latitude (degrees, minutes and seconds): 33 ° 55 ' 03.1 " N / 118 ° 25 ' 38.6 " W Total Acres: 56

Assessor's Parcel No.: 4131-027-901, 4131-027-900, 4131-028-900 (southern portion) Section: 00 Twp.: 03S Range: 15W Base: _____

Within 2 Miles: State Hwy #: HWY 1 Waterways: Pacific Ocean
 Airports: LAX Railways: _____ Schools: El Segundo Unified School District

Document Type:

CEQA: NOP Draft EIR NEPA: NOI Other: Joint Document
 Early Cons Supplement/Subsequent EIR EA Final Document
 Neg Dec (Prior SCH No.) 2023050366 Draft EIS Other: _____
 Mit Neg Dec Other: _____ FONSI _____

Local Action Type:

General Plan Update Specific Plan Rezone Annexation
 General Plan Amendment Master Plan Prezone Redevelopment
 General Plan Element Planned Unit Development Use Permit Coastal Permit
 Community Plan Site Plan Land Division (Subdivision, etc.) Other: Board Approval

Development Type:

Residential: Units _____ Acres _____ Transportation: Type _____
 Office: Sq.ft. _____ Acres _____ Employees _____ Mining: Mineral _____
 Commercial: Sq.ft. _____ Acres _____ Employees _____ Power: Type Electric Repower MW up to 346
 Industrial: Sq.ft. _____ Acres _____ Employees _____ Waste Treatment: Type _____ MGD _____
 Educational: _____ Hazardous Waste: Type _____
 Recreational: _____ Other: _____
 Water Facilities: Type _____ MGD _____

Project Issues Discussed in Document:

Aesthetic/Visual Fiscal Recreation/Parks Vegetation
 Agricultural Land Flood Plain/Flooding Schools/Universities Water Quality
 Air Quality Forest Land/Fire Hazard Septic Systems Water Supply/Groundwater
 Archeological/Historical Geologic/Seismic Sewer Capacity Wetland/Riparian
 Biological Resources Minerals Soil Erosion/Compaction/Grading Growth Inducement
 Coastal Zone Noise Solid Waste Land Use
 Drainage/Absorption Population/Housing Balance Toxic/Hazardous Cumulative Effects
 Economic/Jobs Public Services/Facilities Traffic/Circulation Other: _____

Present Land Use/Zoning/General Plan Designation:

PF-1 (Public Facilities)

Project Description: (please use a separate page if necessary)

See attached.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".
If you have already sent your document to the agency please denote that with an "S".

<input checked="" type="checkbox"/> Air Resources Board	<input type="checkbox"/> Office of Historic Preservation
<input type="checkbox"/> Boating & Waterways, Department of	<input type="checkbox"/> Office of Public School Construction
<input type="checkbox"/> California Emergency Management Agency	<input checked="" type="checkbox"/> Parks & Recreation, Department of
<input type="checkbox"/> California Highway Patrol	<input type="checkbox"/> Pesticide Regulation, Department of
<input checked="" type="checkbox"/> Caltrans District # 7	<input checked="" type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input checked="" type="checkbox"/> Regional WQCB # 4
<input type="checkbox"/> Caltrans Planning	<input checked="" type="checkbox"/> Resources Agency
<input type="checkbox"/> Central Valley Flood Protection Board	<input type="checkbox"/> Resources Recycling and Recovery, Department of
<input type="checkbox"/> Coachella Valley Mtns. Conservancy	<input type="checkbox"/> S.F. Bay Conservation & Development Comm.
<input checked="" type="checkbox"/> Coastal Commission	<input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
<input type="checkbox"/> Colorado River Board	<input type="checkbox"/> San Joaquin River Conservancy
<input type="checkbox"/> Conservation, Department of	<input type="checkbox"/> Santa Monica Mtns. Conservancy
<input type="checkbox"/> Corrections, Department of	<input type="checkbox"/> State Lands Commission
<input type="checkbox"/> Delta Protection Commission	<input type="checkbox"/> SWRCB: Clean Water Grants
<input type="checkbox"/> Education, Department of	<input checked="" type="checkbox"/> SWRCB: Water Quality
<input checked="" type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input checked="" type="checkbox"/> Fish & Game Region # 5	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> Food & Agriculture, Department of	<input checked="" type="checkbox"/> Toxic Substances Control, Department of
<input type="checkbox"/> Forestry and Fire Protection, Department of	<input checked="" type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	<input type="checkbox"/> Other: <u>Office of Emergency Services</u>
<input type="checkbox"/> Health Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Housing & Community Development	
<input checked="" type="checkbox"/> Native American Heritage Commission	

Local Public Review Period (to be filled in by lead agency)

Starting Date 10/31/2024 Ending Date 12/20/2024

Lead Agency (Complete if applicable):

Consulting Firm: <u>Michael Baker International, Inc.</u>	Applicant: _____
Address: <u>801 S. Grand Avenue, Suite 250</u>	Address: _____
City/State/Zip: <u>Los Angeles, CA 90017</u>	City/State/Zip: _____
Contact: <u>Fareeha Kibriya, Project Director</u>	Phone: _____
Phone: <u>213-372-1012</u>	

Signature of Lead Agency Representative: _____  Date: 10/31/2024

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

Scattergood Generating Station Units 1 and 2 Green Hydrogen-Ready Modernization Project

Project Description:

The Los Angeles Department of Water and Power (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.