

AUG 05 2016

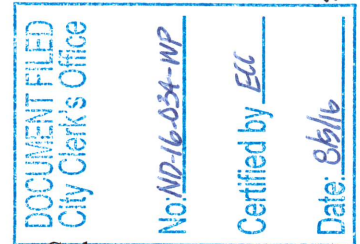
**Notice of Determination**

**To:** ■ Office of Planning and Research  
1440 Tenth Street, Room 121  
Sacramento, CA 95814

**From:** Los Angeles Department of Water and Power  
111 North Hope Street, Room 1044  
Los Angeles, CA 90012

LOS ANGELES, COUNTY CLERK

- County Clerk  
County of Los Angeles  
Environmental Filing  
12400 E. Imperial Hwy. Room 2001  
Norwalk, CA 90650



**Subject:** Filing of Notice of Determination in compliance with Section 21152 of the Public Resources Code

**Project Title:** Sylmar Ground Return System Replacement Project (SGRS Project)

**State Clearinghouse Number:** 2010091044

**Lead Agency Contact Person:** Nancy Chung; (213) 367-0404

**Project Location**

The proposed Project would be located primarily in Santa Monica Bay but would also include a small landside portion located in an existing parking lot on the south side of Pacific Coast Highway (PCH) at Sunset Boulevard, where the existing Gladstone Vault is located. The Gladstone Vault is the termination point of the existing underground segment of the SGRS. The proposed SGRS marine cables would extend from the Gladstone Vault beneath Will Rogers State Beach and under the ocean floor to the proposed electrode array located in the Santa Monica Bay approximately two miles offshore. See the attached Project map.

**Project Description**

LADWP is proposing to replace the existing marine cables and the marine electrode portions of the SGRS. The replacement facility will be located in the vicinity of the existing SGRS marine facility in Santa Monica Bay. While the new marine facility would be in a different alignment than the existing, it would serve the same purpose and function as the existing facility. The SGRS is an integral component of the Pacific Direct Current Intertie Transmission Line (PDCI), which transmits bulk power between Los Angeles and the Pacific Northwest. The PDCI is a direct current system, and it cannot operate reliably without a ground return system. Due to physical and operational system deficiencies with the existing marine facility of the SGRS, its replacement is proposed to increase the reliability and stability of the power generation and delivery system for Southern California; to continue to meet current and projected demand for power in the region; and to help increase the available share of renewable resource energy for the PDCI partners.

From the Gladstone Vault, the new marine cables would extend to a new electrode array in the Santa Monica Bay. The marine cables would be installed beneath the ocean floor to the site of the proposed electrode array, approximately two miles offshore. The electrode array would be located on the ocean floor at a depth of approximately 100 feet below mean sea level. The array would be composed of 36 concrete vaults, arranged in two rows of 18 vaults. The vaults would rest directly on the ocean floor.

This is to advise that the City of Los Angeles Board of Water and Power Commissioners has approved the above described project on August 2, 2016 and has made the following determinations regarding the above described project:

1. The project [■ will  will not] have a significant effect on the environment.
2. ■ An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.  
 A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [■ were  were not] made a condition of the approval of the project.
4. A mitigation monitoring reporting program [■ was  was not] adopted for this project.
5. A statement of Overriding Consideration [■ was  was not] adopted for this project.
6. Findings [■ were  were not] made pursuant to the provisions of CEQA.

This is to certify that the Final Environmental Impact Report with comments and responses and record of project approval is available to the general public at the Los Angeles Department and Water and Power at 111 North Hope Street, Room 1044, Los Angeles, CA 90012.

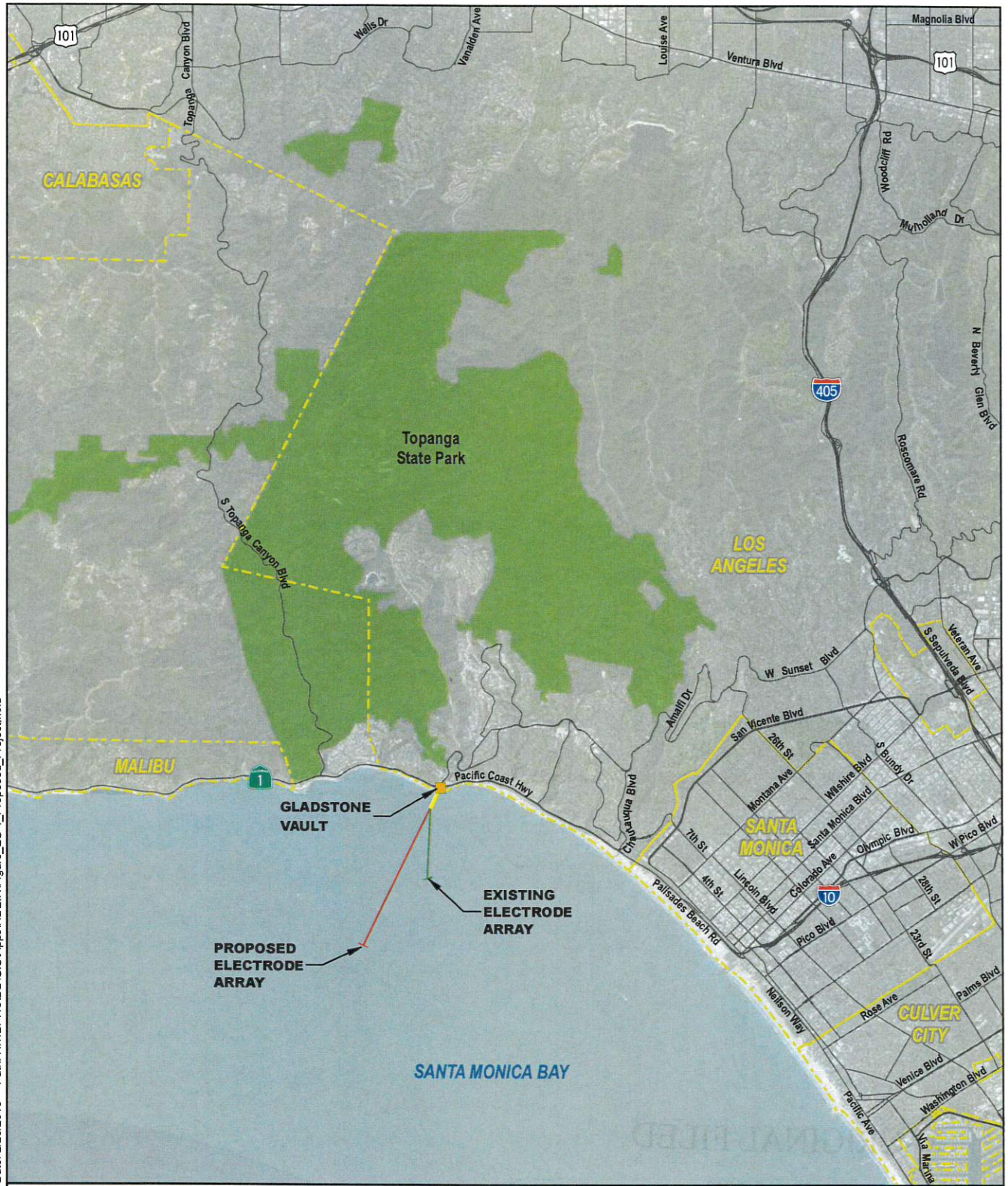
Signature: Charles C. Hollaway 8/2/2016

Title: **Manager, Environmental Planning and Assessment**

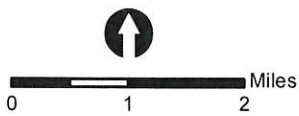
Date: **August 2, 2016**



Date: 2/23/2016 Path: H:\127116\DD\GIS\Aps\RD\EIFR\Figure\_ES-1\_Proposed\_Project.mxd



- Proposed Marine Cables
- Existing Marine Cables
- Existing Conduit



**FIGURE ES-1  
PROPOSED PROJECT**

SYLMAR GROUND RETURN  
SYSTEM REPLACEMENT PROJECT



**ORIGINAL FILED**

**AUG 05 2016**

**LOS ANGELES, COUNTY CLERK**