

**TO:** Agencies, Organizations, and Interested Parties

SUBJECT: Notice of Preparation of a Draft Environmental Impact Report in Compliance with Title 14, Section

15082(a) of the California Code of Regulations

The City of Pasadena is the lead agency under the California Environmental Quality Act (CEQA) in the preparation of the Environmental Impact Report (EIR) for the project identified below. We request the views of your agency as to the scope and content of the environmental information relevant to your agency's statutory responsibilities in connection with the proposed project. Your agency will need to use the EIR prepared by the City when considering any permits that your agency must issue, or other approval for the project.

**AGENCIES:** The City requests your agency's views on the scope and content of the environmental information relevant to your agency's statutory responsibilities in connection with the proposed project, in accordance with California Code of Regulations, Title 14, Section 15082(b).

**ORGANIZATIONS AND INTERESTED PARTIES:** The City requests your comments and concerns regarding the environmental issues associated with construction and operation of the proposed project.

PROJECT TITLE: Glenarm Power Plant Repowering Project

**PROJECT LOCATION:** The project site is located at 43 East State Street in the City of Pasadena (see Figure 1, Location Map). The site is bounded by Glenarm Street to the north, State Street and the Metro Gold Line tracks to the south, State Route 110 (SR 110, Arroyo Seco Parkway) to the east, and Fair Oaks Avenue to the west. Regional access to the project site is provided by the Arroyo Seco Parkway.

**PROJECT DESCRIPTION:** In 2009, the City of Pasadena adopted the Integrated Resource Plan (IRP), a blueprint for the Pasadena Department of Water and Power (PWP) to ensure reliable, environmentally responsible electricity service, competitive rates, and energy independence through 2030. The IRP reconfigures PWP's existing electricity portfolio to significantly reduce greenhouse gas emissions through the transition to a mix of renewable energy resources. A key feature of the IRP is the replacement of inefficient local generating units at PWP's Power Plant with new and more efficient equipment. This, together with related infrastructure improvements, constitutes the Glenarm Power Plant Repowering Project.

The City's Power Plant consists of two groups of power generating facilities bisected by the Metro Gold Line tracks: the Glenarm site) to the west and the Broadway site to the east. The Glenarm facility is approximately 6.52 acres and is developed with the Glenarm Steam Plant Building and associated Electric Fountain, a City-designated local historic monument; Pacific Electric Railway Company (PERC) Substation No. 2, a City designated local historic landmark; and four natural gas turbine generators (GT-1 through GT-4). The Broadway site is approximately 6.1 acres and is developed with two decommissioned steam-generating units (B-1 and B-2) and one active unit (B-3); cooling towers; aboveground aqueous ammonia storage tanks; aboveground water tanks; two control rooms; and a 1.5-acre City parking lot currently leased to and used by Jacob's Engineering.

In order to fulfill the IRP objective of producing reliable, environmentally responsible electricity, PWP proposes the following:

- Replacement of steam generating Unit B-3 on the Broadway site with a new combined-cycle 71 MW (gross) power generating unit, Unit GT-5, on the Glenarm site, south of the Glenarm Steam Plant Building. Unit GT-5 would include a new gas turbine, steam turbine, once-through steam generator, wet type cooling tower, water storage tanks, electric powered fuel gas compressors, and an electric powered air compressor. Unit GT-5 would also require a 125-foot-tall stack, similar to four existing stacks for Units GT-1 through GT-4.
- Construction of 18,000 square feet of administrative offices and a control station for existing and proposed power generation units within the existing Glenarm Building. The existing Glenarm Building stack, air compressor facility, and restroom, located along the south elevation of the building, and equipment in the



building's interior would be removed. A surface parking area is proposed south of Unit GT-5 and would provide 45 spaces for PWP employees. (No modification of the existing PERC Substation No. 2 is proposed.)

- Reconfiguration or replacement of aboveground aqueous ammonia tanks and associated piping and other equipment on the Broadway site.
- Vacation of State Street immediately south of the Glenarm site, between Fair Oaks Avenue and the Metro Gold Line, and incorporation of a one-acre parcel south of State Street into the Glenarm site. An existing 4,000 square-foot building on this parcel currently occupied by the Pasadena Department of Water and Power would be modified to house maintenance shops. Surface parking for 14 vehicles would be provided on this parcel.
- Rerouting or relocation of storm drains, underground water lines, electrical lines, and other utilities; removal of
  existing mechanical equipment; and abatement of asbestos-containing materials (ACMs) and lead-based paint
  (LBP) as necessary. Remediation of contaminated soil, if it exists within areas of potential disturbance, may be
  necessary for regulatory compliance.

Project construction is anticipated to take up to 23 months following project approval.

**POTENTIAL ENVIRONMENTAL EFFECTS:** An EIR will be prepared to evaluate the project's potential impacts on the environment and analyze alternatives. The topics anticipated to be discussed in the EIR include Aesthetics, Air Quality, Historic Resources, Greenhouse Gas Emissions, Hazards & Hazardous Materials, Land Use, Noise, and Utilities & Service Systems (Water Supply).

**PUBLIC REVIEW PERIOD:** The City has made this Notice of Preparation (NOP) and Initial Study available for public review and comment pursuant to California Code of Regulations, Title 14, Section 15082(b). The comment period for the NOP begins on September 19, 2011 and ends on October 18, 2011.

**RESPONSES AND COMMENTS:** Please indicate a contact person for your agency or organization and send your responses and comments to: Dan Angeles, Principal Engineer, City of Pasadena Pasadena Water & Power Department: Phone (626) 744-6240; Fax (626) 396-8576; E-mail: <a href="mailto:dangeles@cityofpasadena.net">dangeles@cityofpasadena.net</a>; Mailing Address: Dan Angeles, City of Pasadena Water & Power Department, 85 E. State Street, Pasadena, CA 91105. Website: <a href="https://www.ci.pasadena.ca.us/planning">www.ci.pasadena.ca.us/planning</a>. The draft Initial Study can be viewed on the City of Pasadena website at the following address (URL): <a href="https://www.ci.pasadena.ca.us/planning/environmental/Environmental\_Home.asp">https://www.ci.pasadena.ca.us/planning/environmental/Environmental\_Home.asp</a>

**SCOPING MEETING:** A scoping meeting will be held to receive comments on the proposed Glenarm Power Plant Repowering Project Environmental Impact Report (EIR). You are welcome to attend and present environmental information that you believe should be addressed in the EIR. The meeting is scheduled for:

Date: Thursday, October 6, 2011

**Time:** 6:00 P.M. – 8:00 P.M.

Place: Broadway Plant Unit B1/B2 Control Room

Broadway Power Plant 85 E. State Street Pasadena, CA 91105

(Free parking will be available at the Broadway Steam Plant, Gate 7 at 85 E.

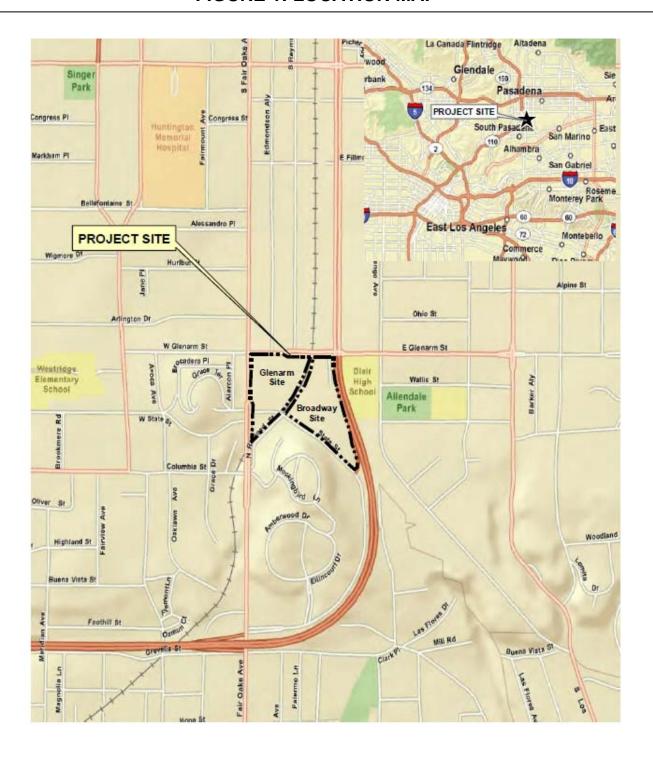
State Street. See Figure 2, Scoping Meeting Location.)

**DOCUMENT AVAILABILITY:** The NOP and Initial Study are available during regular business hours at the City of Pasadena Planning Department, 175 N. Garfield Avenue, Pasadena, CA, 91101, between the hours of 8:00 A.M. and 5:00 P.M. Monday through Thursday, and between 8:00 A.M. and 12:00 P.M. on Friday, and at the Pasadena Central Library, 285 E. Walnut Avenue, Pasadena, CA 91101.

If you require additional information, please contact Dan Angeles at (626) 744-6240 or submit questions and comments by fax at (626) 396-8576.



#### FIGURE 1: LOCATION MAP





#### FIGURE 2: SCOPING MEETING LOCATION

