Department of Water and Power the City of Los Angeles

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DATE: May 24, 2010

TO: Interested Persons and Agencies

SUBJECT: Notice of Intent to Adopt a Mitigated Negative Declaration
Adelanto Solar Power Project
Los Angeles Department of Water and Power

PURPOSE: The Los Angeles Department of Water and Power (LADWP), proposes to construct and operate a 10 MW solar photovoltaic electric generating facility, the Adelanto Solar Power Project (ASPP), in Adelanto, California. LADWP, as Lead Agency, has prepared an Initial Study complying with the California Environmental Quality Act (CEQA) of 1970 as amended, to determine if the project would have significant adverse environmental impacts. Based on the Initial Study, LADWP concludes that the proposed project will not result in any significant adverse impacts on the environment with implementation of proposed mitigation measures, and is informing agencies and the public of its intention to adopt a Mitigated Negative Declaration.

PROJECT LOCATION: The proposed ASPP would be co-located at the existing Adelanto Switching and Converter Station (Station) in the community of Adelanto in San Bernardino County, CA. The Station includes about 300 acres and is completely enclosed with 8 foot high chain link fence. Switching facilities are contained on about 100 acres of the site; the remainder includes ancillary facilities and some undeveloped acreage. The Station is located in a sparsely developed section of the city zoned for manufacturing and industrial use. The proposed solar facilities would be located on about 42.5 acres of the Station site in the southwest portion of the facility.

PROJECT DESCRIPTION: The ASPP would utilize crystalline silicon solar photovoltaic (PV) panel modules that would be ground-mounted on a lightweight steel or aluminum structural framework. Site development would consist of the placement of approximately 50,000 individual PV panel modules rated at about 200 watts capacity each. The panels would be mounted at an angle of up to 20 degrees from horizontal to efficiently absorb solar radiation. The mounted panels would have a low profile, with the high end of the tilted panel less than 8 feet above the ground. The structural framework would rest on aluminum or steel anchors that would be screwed or vibrated into the ground. The area beneath the panels would remain essentially permeable surface. PV panels would be assembled into rows on the support framework and the individual rows would be arranged into larger arrays that together would form a power block ranging from 0.5 megawatt (MW) to 1 MW in capacity, depending on the layout. The proposed ASPP development would not exceed 42.5-acres including the area needed for ancillary equipment such as inverter unit, step-up transformer unit, cabling, and controls. The energy generated by the solar panels would be transmitted to the on-

site converter station to be further stepped up to 500 kilovolts and delivered to the LADWP's existing high-voltage transmission system connected to the station. Construction of the proposed project would take approximately 5 months to complete.

FINDINGS: Based on the Initial Study, LADWP has determined that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because mitigation measures have been added to the project. LADWP will implement six mitigation measures, as stipulated in the Initial Study, and will implement a Mitigation Monitoring and Reporting Program (MMRP).

PUBLIC REVIEW: The LADWP has established a 30-day review and comment period for the Initial Study and Notice of Intent to Adopt a Mitigated Negative Declaration. The public review and comment period starts on May 25, 2010 and ends on June 24, 2010. Electronic version of the CEQA Initial Study, which include the Mitigated Negative Declaration and MMRP, may be reviewed on line at www.ladwp.com/envnotices and copies are available for review at the following locations:

LADWP
111 North Hope Street, Room 1044
Los Angeles, CA 90012

Adelanto Public Library
11497 Bartlett Avenue
Adelanto, CA 92301

Written comments on the Initial Study and Mitigated Negative Declaration should be submitted to the following:

Ms. Shilpa Gupta
Environmental Affairs
Los Angeles Department of Water and Power
111 North Hope Street, Room 1044
Los Angeles, CA 90012

Due to the time limits mandated by State law, any comments must be submitted (postmarked) no later than the last day of the review period. Questions regarding this notice should be directed to Shilpa Gupta at (213) 367-0610.

The Los Angeles Board of Water and Power Commissioners will consider the proposed project at a regularly scheduled future meeting at the LADWP hearing room at 111 North Hope Street, 15th Floor, Los Angeles, California 90012 (notification of meeting date will be forthcoming).

Date: May 20, 2010

Signature: Charles C. Holloway

Mr. Charles Holloway
Manager of Environmental Planning
& Assessment

COUNTY CLERK'S USE | CITY CLERK'S USE

CITY OF LOS ANGELES
OFFICE OF THE CITY CLERK
ROOM 395, CITY HALL
LOS ANGELES, CALIFORNIA 90012
CALIFORNIA ENVIRONMENTAL QUALITY ACT

PROPOSED
MITIGATED NEGATIVE DECLARATION
(Article V, City CEQA Guidelines)

LEAD CITY AGENCY:	**COUNCIL DISTRICT**
Los Angeles Department of Water and Power (LADWP) 111 North Hope Street, Room 1044 Los Angeles, CA 90012	N/A
PROJECT TITLE: Adelanto Solar Power Project	**CASE NO.**

PROJECT LOCATION: The proposed ASPP would be co-located at the existing Adelanto Switching and Converter Station (Station) in the community of Adelanto in San Bernardino County, CA. The Station includes about 300 acres and is completely enclosed with 8 foot high chain link fence. Switching facilities are contained on about 100 acres of the site; the remainder includes ancillary facilities and some undeveloped acreage. The Station is located in a sparsely developed section of the city zoned for manufacturing and industrial use. The proposed solar facilities would be located on about 42.5 acres of the Station site in the southwest portion of the facility.

DESCRIPTION: The ASPP would utilize crystalline silicon solar photovoltaic (PV) panel modules that would be ground-mounted on a lightweight steel or aluminum structural framework. Site development would consist of the placement of approximately 50,000 individual PV panel modules rated at about 200 watts capacity each. The panels would be mounted at an angle of up to 20 degrees from horizontal to efficiently absorb solar radiation. The mounted panels would have a low profile, with the high end of the tilted panel less than 8 feet above the ground. The structural framework would rest on aluminum or steel anchors that would be screwed or vibrated into the ground. The area beneath the panels would remain essentially permeable surface. PV panels would be assembled into rows on the support framework and the individual rows would be arranged into larger arrays that together would form a power block ranging from 0.5 megawatt (MW) to 1 MW in capacity, depending on the layout. The proposed ASPP development would not exceed 42.5-acres including the area needed for ancillary equipment such as inverter unit, step-up transformer unit, cabling, and controls. The energy generated by the solar panels would be transmitted to the on-site converter station to be further stepped up to 500 kilovolts and delivered to the LADWP's existing high-voltage transmission system connected to the station. Construction of the proposed project would take approximately 5 months to complete.

NAME AND ADDRESS OF APPLICANT IF OTHER THAN CITY AGENCY

FINDING: See attached Initial Study and Mitigated Negative Declaration (MND)

SEE INITIAL STUDY & MND FOR MITIGATION MEASURES IMPOSED

NAME OF PERSON PREPARING THIS FORM:	**TITLE:**	**PHONE:**
Shilpa Gupta	Environmental Specialist	(213) 367-0610
ADDRESS: 111 N. Hope Street, Room 1044 Los Angeles, CA 90012	**SIGNATURE** Charles C. Holloway Charles C. Holloway, Manager of Environmental Assessment and Planning	**DATE** May 20, 2010

Form Gen. 157 (Appendix C)