

## CALIFORNIA ENERGY COMMISSION

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SACRAMENTO, CA 95814-5512  
energy.ca.gov

<b>DOCKET</b>	
<b>07-AFC-2</b>	
DATE	AUG 28 2007
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**NOTICE OF RECEIPT**  
**SUPPLEMENTAL INFORMATION FOR THE APPLICATION FOR CERTIFICATION**  
**SAN GABRIEL GENERATING STATION PROJECT (07-AFC-2)**

On April 13, 2007, the San Gabriel Power Generation, LLC, a subsidiary of Reliant Energy, submitted an Application for Certification (AFC) to construct and operate the San Gabriel Generating Station (SGGS) Project, a combined cycle electrical power plant facility in the city of Rancho Cucamonga, San Bernardino County. On May 21, 2007, San Gabriel Power Generation, LLC provided supplemental information to the AFC to satisfy the Energy Commission's informational requirements. The Energy Commission accepted the AFC with the supplemental information as complete on May 23, 2007. The Energy Commission staff has now begun the data discovery and analysis phases of the proposed project's 12-month licensing process.

On August 17, 2007, the San Gabriel Power Generation, LLC submitted an additional supplement to the AFC describing changes made to the proposed combustion turbine generators (CTGs) and auxiliary boiler stack. The original equipment included two 180-MW (nominal) natural gas-fired CTGs. The proposed project will now include two CTGs rated at 190 MW each. The capacity of the proposed plant will have the ability to generate up to 735 MW. However, the applicant intends to limit output to 696 MW.

### **Project Description**

The following information has not changed from the original project description:

The proposed SGGS facility would occupy a 17-acre site in an area zoned for heavy industrial use. The majority of the site consists of approximately 16.2 acres in the northwestern portion of the existing 60-acre Etiwanda Generating Station (EGS) property owned by Reliant Energy, located at 8996 Etiwanda Avenue. It would also occupy approximately 0.8-acre of adjacent property currently owned by the Inland Empire Utility Agency (IEUA). The proposed SGGS project site would be located adjacent to Southern California Edison's (SCE) planned Rancho Vista substation and approximately 1 mile east of Interstate 15 (I-15) and 1.5 miles north of Interstate 10 (I-10). The planned Rancho Vista substation, which is scheduled to start construction in mid-2008 and begin operating in mid-2009, is not part of the proposed SGGS project.

Several areas within the EGS property would be used for onsite temporary construction laydown. In addition, approximately 4.5 acres of land currently owned by IEUA would be used for onsite construction laydown. An offsite construction laydown and parking area, approximately 11.2 acres within a 15-acre site, would be located approximately 1,300 feet west of the proposed SGGS project site. This site is bounded on the north by the Burlington Northern Santa Fe (BNSF) Railroad main east-west line, on the east by a BNSF spur track, and on the south and west by dirt roads. An approximately 3,120-foot temporary access road from 6<sup>th</sup> Street to the offsite laydown/parking area and proposed SGGS project site would be built during the initial project construction phase.

Transmission interconnection would require a 1,100-foot, single-circuit 525-kV line that would connect the proposed SGGS project switchyard with the future SCE Rancho Vista substation. Natural gas will be supplied to the proposed SGGS project by the Southern California Gas Company, the current supplier of natural gas to the EGS. It will be provided using a new 530-foot, 20-inch-diameter gas line connection from gas transmission line 4002 that will continue generally westward to a new proposed SGGS project metering station on the EGS property.

Dry cooling technology in the form of an air-cooled condenser will be used by the proposed SGGS facility. Water for non-cooling needs will be supplied to the proposed SGGS project site from the existing EGS makeup water reservoir, which contains primarily reclaimed water from the IEUA supplied under an existing water services agreement. Sanitary wastewater will be discharged to a new onsite sanitary waste septic system, which will include a septic tank and leachfield. Plant process wastewater streams will be collected in the plant wastewater sump. From the sump, the wastewater will be pumped to the existing 21-inch pipeline to the IEUA system under the existing EGS Industrial User's permit.

Air emissions from the proposed SGGS facility would be controlled using best available control technology applied to each CTG's and HRSG's exhaust. Dry low nitrogen combustors in the CTGs and a selective catalytic reduction (SCR) unit in the HRSGs will be used to control oxides of nitrogen (NO<sub>x</sub>). Aqueous ammonia will be used in the SCR unit. An oxidation catalyst unit will be used in the HRSGs for the control of carbon monoxide (CO) and precursor organic compounds (POC). Final permitting by the Energy Commission would reflect conformance with rules and regulations of the South Coast Air Quality Management District and include the issuance of a Determination of Compliance from the District.

### **Energy Commission's Facility Certification Process**

The Energy Commission is responsible for reviewing and ultimately approving or denying all applications to construct and operate thermal electric power plants, 50 MW and greater in California. The Energy Commission's facility certification process carefully examines public health and safety, environmental impacts, and engineering aspects of proposed power plants and all related facilities, such as electric transmission lines and natural gas and water pipelines. The Energy Commission is the lead agency under the California Environmental Quality Act (CEQA), but it produces several environmental and decision documents rather than an Environmental Impact Report.

### **Public Participation**

Over the coming months, the Energy Commission will conduct a number of public workshops and hearings to determine whether the proposed project should be approved for construction and operation and under what set of conditions. The workshops will provide the public as well as local, state and federal agencies the opportunity to participate in reviewing the proposed project. The Energy Commission will issue notices for these workshops and hearings at least 10 days prior to the meeting.

Please direct your technical or project schedule questions to Stanley Yeh, Energy Commission Project Manager at (916) 651-8843, or by e-mail at

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[syeh@energy.state.ca.us](mailto:syeh@energy.state.ca.us). If you desire information on participating in the Energy Commission's review of the proposed project, please contact the Energy Commission's Public Adviser's Office at (916) 654-4489, or toll free in California at (800) 822-6228, or by e-mail at [pao@energy.state.ca.us](mailto:pao@energy.state.ca.us). News media inquiries should be directed to Assistant Director, Claudia Chandler at (916) 654-4989, or by e-mail at [mediaoffice@energy.state.ca.us](mailto:mediaoffice@energy.state.ca.us). The status of the proposed project, copies of notices, an electronic version of the AFC and supplement and other relevant documents are also available on the Energy Commission's Internet web site at <http://www.energy.ca.gov/sitingcases/sangabriel>. You can also subscribe to receive email notification of all notices at <http://www.energy.ca.gov/listservers>.

This notice of receipt has been mailed to all parties that requested placement on the mailing list during the pre-filing period and to property owners located within 1000 feet of the proposed project site or 500 feet of any linear facilities. By being on the mailing list, you will receive notices of all proposed project-related activities and notices when documents related to the proposed project's evaluation are available for review. If you want your name removed from the mailing list, please contact Terry Piotrowski, Project Secretary at (916) 653-4677, or by e-mail at [tpiotrow@energy.state.ca.us](mailto:tpiotrow@energy.state.ca.us).

#### **Availability of the AFC Document**

Copies of the AFC are available for public inspection at the following San Bernardino County public libraries:

**Archibald Library**  
7368 Archibald Avenue  
Rancho Cucamonga, CA 91730

**San Bernardino County Library**  
104 West 4th Street  
San Bernardino, CA 92415

**Upland City Library**  
460 North Euclid Avenue  
Upland, CA 91786

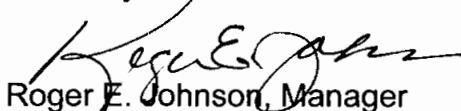
**Paul A. Biane Library**  
12505 Cultural Center Drive  
Rancho Cucamonga, CA 91739

**City of Ontario, Main Library**  
215 East "C" Street  
Ontario, CA 91764

**Fontana Branch Library**  
16860 Valencia Avenue  
Fontana, CA 92335

Copies are also available at the Energy Commission's Library in Sacramento, the California State Library in Sacramento, and at public libraries in Eureka, San Francisco, Fresno, Los Angeles, and San Diego. In addition, copies will be distributed to those public agencies that would normally have jurisdiction except for the Energy Commission's exclusive authority to certify sites and related facilities.

Sincerely,



Roger E. Johnson, Manager  
Energy Facilities Siting and Compliance Office

Date: 8/28/07