

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov

DOCKET 07-AFC-7	
DATE	OCT 05 2007
RECD.	OCT 05 2007



**NOTICE OF RECEIPT OF AN
APPLICATION FOR CERTIFICATION
FOR THE COMMUNITY POWER PROJECT (07-AFC-7)**

On September 27, 2007, Kings River Conservation District submitted an Application for Certification (AFC) to construct and operate a base-load combined-cycle power plant, the Community Power Project (CPP), in an unincorporated area of southern Fresno County near the city of Parlier.

The proposed project would be a nominal 565 megawatt (MW) natural gas-fired combined-cycle generating facility using two natural gas-fired combustion turbine generators (CTGs). Additional equipment would include two heat recovery steam generators (HRSGs), and one steam turbine generator. Commercial operation is planned for the second quarter of 2011. This project is proposed as a 12-month AFC. The generation facility will include either Siemens SGT6-5000F or GE 7FA CTG units equipped with foggers or evaporative coolers, a mechanical-draft cooling tower, step up transformers, an overhead electric transmission line, air emissions control equipment, and an aqueous ammonia storage tank. The facility would also have a natural gas pipeline, a reclaimed water supply pipeline, up to four wells north of the project site (near the Parlier waste water treatment ponds), an onsite groundwater well to supply potable water, a tertiary water treatment plant, water storage tanks, a zero liquid discharge (ZLD) system, a storm water retention pond, and a sewer connection for disposal of domestic wastewater. Construction laydown and parking areas would be located on approximately 15 acres of a 40-acre parcel immediately south of the CPP site.

The proposed CPP site is a 32.25-acre parcel near the City of Parlier, Fresno County, California (Assessors Parcel Number 358-032-41). The site is located adjacent to and east of South Bethel Avenue between East Manning and East Dinuba Avenues in an area currently zoned for agriculture and that is currently being used predominately for agricultural purposes (vineyards). Existing structures on the project site include a vacant rural dwelling, detached garage, and barn. The proposed project site is currently under a Williamson Act Contract for agricultural land preservation for which the applicant plans to file a petition for nonrenewal with Fresno County. Other land uses in the area include agricultural land to the west, south, and north/northwest. To the east of the site is the County of Fresno Southeast Regional Disposal Site, a Class III landfill that was closed in 1998. Just north of the proposed site is the city of Parlier's Waste Water Treatment Plant (WWTP). The nearest residence is located approximately 1,800 feet to the north of the project site.

The CPP will connect to the electrical transmission system via a new, 5-mile double circuit 230-kilovolt (kV) radial transmission line that connects to the existing Pacific Gas & Electric (PG&E) McCall Substation west of the project site.

Natural gas for the CPP will be supplied from a new approximately 26-mile long, 20-inch underground pipeline from the project site to an existing PG&E gas pipeline near Visalia, California. The proposed alignment of this gas pipeline closely follows existing road right-of-way corridors. The natural gas will be compressed and filtered at the CPP plant site. Five construction staging areas have also been identified for use during construction of the gas pipeline, each with an approximate size of 200 feet by 200 feet.

The primary source of process water for the CPP will be secondarily treated reclaimed water delivered by new underground pipeline interconnections to the Parlier WWTP and the Sanger WWTP effluent percolation and evaporation ponds located on Lincoln Avenue (i.e., Lincoln Ponds). Approximately 3,485 acre-feet per year will be required for power plant cooling and other uses. Up to four new shallow wells, and associated monitoring wells, for recovering percolated effluent will provide a back-up cooling water supply. Lesser water demands for fire protection, plant service water and domestic water will be provided by a new on-site potable water well drilled into the local groundwater aquifer.

Reclaimed domestic wastewater will also be utilized for cooling the CPP. The cooling tower reject water will be concentrated and the water reclaimed onsite using a ZLD system. Solids generated by the ZLD process will be removed from the site to landfills. Domestic wastewater will be discharged to the Parlier WWTP by a new sewer interconnection at the northern boundary of the project site. Storm water runoff will be directed to an on-site retention basin.

Air emissions from the proposed facility would be controlled using best available control technology applied to each engine's exhaust. Oxides of nitrogen (NO_x) emissions will be controlled by a combination of dry low NO_x combustors in the CTGs and selective catalytic reduction (SCR) systems in the HRSGs. A carbon monoxide (CO) catalyst will be installed in the HRSGs to limit CO emissions from the CTGs. Volatile organic compound (VOC) emissions will be controlled by an oxidation catalyst. Final permitting by the Energy Commission would reflect conformance with rules and regulations of the San Joaquin Valley Air Pollution Control 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.

The first step in the review process is for Energy Commission staff to determine whether or not the AFC contains all the information required by our regulations. When the AFC is

October 5, 2007

Page 3

deemed data adequate, we will begin data discovery and issue analysis phases. At that time, a detailed examination of the issues will occur.

Public Participation

Over the coming months, the Energy Commission will conduct a number of public workshops and hearings on the proposal to determine whether the proposed project should be approved for construction and operation and under what set of conditions. These workshops will provide the public as well as local, state and federal agencies the opportunity to ask questions about, and provide input on, 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 Che McFarlin, Energy Commission Project Manager, at (916) 651-0965, or by e-mail at cmcfarli@energy.state.ca.us. For more information on how to participate in the Energy Commission's review of the project, please contact the Energy Commission's Public Adviser's Office, at (916) 654-4489, or toll free in California at (800) 822-6228. The Public Adviser's Office can also be contacted via email at pao@energy.state.ca.us. News media inquiries should be directed to Assistant Director, Claudia Chandler, at (916) 654-4989. The status of the proposed project, copies of notices, an electronic version of the AFC, and other relevant documents are also available on the Energy Commission's Internet web site at <http://www.energy.ca.gov/sitingcases/communitypower>. You can also subscribe to receive e-mail 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. By being on the mailing list, you will receive notices of all 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.

Availability of the AFC Document

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

Parlier Branch
1130 East Parlier Ave
Parlier, CA 93648

Reedley Branch
1027 E Street
Reedley, CA 93654

Selma Branch
2200 Selma Street
Selma, CA 93662

Fresno County Central Library
2420 Mariposa Street
Fresno, CA 93721

Sanger Branch
1812 7th Street
Sanger, CA 93657

Fowler Branch
119 East Merced Street
Fowler, CA 93625

October 5, 2007

Page 4

**Kingsbury Branch
1399 Draper Street
Kingsbury, CA 93631**

**Dinuba Branch
150 South I Street
Dinuba, CA 93616**

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, Los Angeles, and San Diego. In addition, this information has been shared with those public agencies that would normally have jurisdiction except for the Energy Commission's exclusive authority to certify sites and related facilities.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger E. Johnson" followed by a stylized flourish and the word "for".

Date: 10/5/07

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