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Oakley Generating Station Fact Sheet

Oakley Generating Station Description

The proposed Oakley Generating Station facility would be a 624-megawatt natural-gas-fired power plant. The project is being developed by Contra Costa Generating Station, LLC, a wholly owned subsidiary of Radback Energy, Inc. The developers intend to sell the project after it is built to PG&E, who would own and operate thereafter.

The proposed Oakley Generating Station would be located at 6000 Bridgehead Road in Oakley, California. The proposed project is a combined-cycle power plant that uses a state-of-the-art design for fast startups. It would consist of two gas turbines, two heat-recovery steam generators, and one steam turbine, with associated equipment including an air-cooled condenser, a natural gas-fired auxiliary boiler, a 3-cell evaporative fluid cooler, a diesel-engine driven fire pump, and an oil-water separator. The proposed facility would provide energy-efficient electric generation using new technology, with operational flexibility to efficiently address grid fluctuations due to the intermittent nature of renewable power sources, such as wind and solar.

The project would utilize the Best Available Control Technology, including selective catalytic reduction and oxidation catalysts on the gas turbines, to minimize emissions of air pollutants as required by Air District Regulation 2-2-301. Emissions of oxides of nitrogen (NOx) and ozone precursor organic compounds (POC) will be offset as required by Air District Regulation 2-2-302.

Preliminary Determination of Compliance

The Air District's Preliminary Determination of Compliance describes how the proposed facility would comply with applicable air quality regulatory requirements and proposes permit conditions to ensure compliance, including Best Available Control Technology.

The Air District will review and consider all comments received from the public before deciding whether to issue a Final Determination of Compliance for the proposed project.

The California Energy Commission will use the Air District's Final Determination of Compliance in conducting an environmental review and determining whether to issue a license for the project.

Public Comment Opportunity

The Preliminary Determination of Compliance, proposed permit conditions and key supporting documents are available on the District's website at www.baaqmd.gov. All documents and materials are also available for public inspection at District Headquarters, 939 Ellis Street, San Francisco, CA, 94109. Copies of any of these documents and further information about the project can also be obtained by calling or writing Kathleen Truesdell, Air Quality Engineer II, Bay Area Air Quality Management District, 939 Ellis Street, San Francisco, CA, 94109, (415) 749-4628, ktruesdell@baaqmd.gov.

The District invites all interested parties to comment on any aspect of the proposed Preliminary Determination of Compliance. Written comments should be sent to Kathleen Truesdell, Air Quality Engineer II, at the address above, and must be received by December 7, 2010.