

# California Environmental Quality Act (CEQA)

## NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION

**NOTICE** is hereby given pursuant to California Public Resources Code Sections 21092 and 21092.3 that the Bay Area Air Quality Management District has prepared an Initial Study and proposes to adopt a Mitigated Negative Declaration in connection with the project described in this notice.

**Project Title:** Potrero Hills Energy Producers Landfill Gas to Energy Project (Permit Application 23333)

### **Project Location/Description:**

The Potrero Hills Energy Producers (PHEP) Landfill Gas to Energy (LFGE) project would be located at the existing Potrero Hills Landfill (PHLF), which is located at 3675 Potrero Hills Lane, Solano County, California. Potrero Hills Energy Producers, LLC, the project proponent, has submitted to the Bay Area Air Quality Management District (BAAQMD) an application for an Authority to Construct and Permit to Operate for the proposed LFGE project. This will be a new facility that is independent of the existing PHLF.

The purpose of the proposed LFGE project is to supply a source of renewable energy, utilizing landfill gas (LFG) as its fuel, and to provide local utilities with renewable energy that can be used to meet the State of California's mandated Renewables Portfolio Standard. The proposed LFGE project would utilize LFG produced by the decomposition of solid waste in the landfill to generate power. LFG is currently collected at the landfill and combusted using an industrial flare. The proposed LFGE project would include the installation of six Caterpillar 3520C internal combustion engine and generator sets that would burn the LFG currently combusted at the PHLF flare and produce energy. Each engine will be abated by an oxidation catalyst to control carbon monoxide and organic compound emissions. Since selective catalytic reduction (SCR) is a possible control measure for nitrogen oxide emissions from the engines, SCR and associated support equipment are included as a potential component of this proposed project. The proposed LFGE project would have a total generation capacity of 9.6 megawatts. The engines and power generation equipment would be housed in a 180-foot long by 80-foot wide by 25-foot high building.

The proposed LFGE project will also include a landfill gas pretreatment system to remove siloxanes and other contaminants. This pretreatment system will be equipped with an adsorption media regeneration system that will be abated by a 3.2 MM BTU/hour enclosed flare. The gas pretreatment system and flare would be located outside of the proposed building. Auxiliary equipment would include three oil tanks (1000-gallon capacity each).

### **Proposed Mitigated Negative Declaration:**

A copy of the Initial Study and proposed Mitigated Negative Declaration is available for review at the BAAQMD office at 939 Ellis Street, San Francisco, CA, on the District website ([www.baaqmd.gov](http://www.baaqmd.gov)), or may be obtained by calling the District at (415) 749-4702.

**Written comments** on the Mitigated Negative Declaration will be received from April 2, 2012 through May 9, 2012. Comments must be addressed to Carol Allen, Supervising Air Quality Engineer, Bay Area Air Quality Management District, 939 Ellis Street, San Francisco, California, 94109, or emailed to [callen@baaqmd.gov](mailto:callen@baaqmd.gov). All comments must be received by 5:00 p.m. on May 9, 2012.

**Contact Person:** Carol Allen, Supervising Air Quality Engineer

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