Print From

Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: 2024100760

Project Title: Bowerman Power Renewable Natural Gas Plant Project

Lead Agency: OC Waste & Recycling

Contact Name: Leila Barker, OCWR CEQA & Habitat Program Manager

Email: ocwr-ceqareview@ocwr.ocgov.com Phone Number: 714.834.4013

Project Location: Irvine, Orange County
City *County*

Project Description (Proposed actions, location, and/or consequences).

A renewable natural gas (RNG) plant will be designed to produce RNG from landfill gas (LFG). Most of the LFG produced by the FRB Landfill is sent to the existing Bowerman Power Plant to produce energy. Currently, when the Bowerman Power Plant reaches production capacity, excess LFG is sent to a flare station for incineration. The proposed RNG plant will process the LFG, that would otherwise require incineration at the existing adjacent flare station and deliver it to SoCalGas. The Project does not include the storage of RNG, instead RNG will be directed into the existing SoCalGas natural gas pipeline system. This effort will promote the beneficial reuse of existing and future LFG collected by FRB Landfill, support long-term sustainability goals in the region, and help reduce Orange County's reliance on fossil fuels. Additionally, the Project will contribute to California Public Utility Commission's Renewable Gas Program to procure RNG made by methane from organic waste from landfills and other sources. By processing LFG into RNG and delivering it to SoCalGas, the Project will reduce the volume of LFG being flared and the associated greenhouse gas (GHG) emissions from the flares. The RNG Plant will have the capacity to process 6,000 scfm of LFG is equivalent to av

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

The Project would have potentially significant effects reduced to less that signficant with mitigation incoprorated for air quality, biological resources, culutral resources, paleontological resources, and tribal cultrual resources.

Revised September 2011

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

Provide a list of the responsible or trustee agencies for the project.

South Coast Air Quality Management District – Permit to Construct (RNG Plant - Bowerman Power, new SoCalGas pipeline – SoCalGas), Dust Control (RNG Plant - Bowerman Power, new SoCalGas pipeline – SoCalGas), Plan Permit to Operate (RNG Plant - Bowerman Power)
Santa Ana Regional Water Quality Control Board – Stormwater Pollution Prevention Plan for construction activities and development discharge (RNG Plant - Bowerman Power, new SoCalGas pipeline – SoCalGas)
County of Orange – Conditional Use Permit (RNG Plant - Bowerman Power), Construction Permits (RNG Plant - Bowerman Power), Encroachment/Development Permit (new SoCalGas pipeline - SoCalGas)
USFWS – coordination regarding NCCP (RNG Plant - Bowerman Power)
CDFW – coordination regarding NCCP (RNG Plant - Bowerman Power)
City of Irvine – Conditional Use Permit, Right of Way Permits, Construction Permits (new SoCalGas pipeline - SoCalGas)
Caltrans – Encroachment Permit (SoCalGas new pipeline HDD construction- SoCalGas)
Irvine Ranch Water District - Encroachment/Development Permit (SoCalGas new pipeline construction- SoCalGas)