



Altamont Landfill, Altamont, California Landfill Gas to Energy Facility

Project Profile

Background

The Altamont Landfill was generating in excess of 4 million cubic feet of landfill gas and desired to develop a facility to utilize the gas for beneficial use. The project scope was to develop a two Centaur Turbine Facility capable of utilizing the biogas to produce 6.6 megawatt of electricity.

DEI Scope of Work

- Development of biogas projections and energy utilization to determine the extent of beneficial use for the gas
- Preparation of budgets, pro-forma and project controls for the development of the facility
- Preparation of design drawings and specifications to prepare bid packages for construction of the facility and selection of equipment vendors and contractors
- Obtaining land use, air quality, building and other operational and agency permits needed for development, construction and operation
- Providing construction management services
- Start-up, commissioning and continuous operation of the facility

Results

The Altamont Landfill Gas to Energy Facility has been in continuous operation since start up in 1989.

DEI

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