



GENERATING POWER FROM LOW QUALITY LANDFILL GAS

APPLICATION

Digester Gas
Compression

MARKET SECTOR

Wastewater/Landfill

COMMISSIONED

2009

EQUIPMENT

GT250S Turbines

LOCATION

Santa Clara, CA



PROJECT

- Three GT250S directly using landfill gas
- Joint venture with Ameresco, Silicon Valley Power and Santa Clara Sanitation District
- Reduction of greenhouse gas emissions
- Contributes to City's Renewable Portfolio Standard

SITE EQUIPMENT

- Gas collection
- Liquid and siloxane removal
- Gas compression

RESULTS

\$600,00 per year in power export revenue

750kW towards Silicon Valley's Renewable Portfolio Standard

Over 110,000 hours of operation

CARB Waste Gas Certified for operation on landfill gas