

# Biogas Cogen Upgrade Project and RES-BCT

(Renewable Energy Self-Generating Bill Credit Tariff) (PUC Code 2830 and Assembly Bill AB 2466)



- Existing/old cogen – two 375 kW engine generators
- New cogen – one 1130 kW engine generator with space for one future generator
- New FOG receiving station – 80 scfm of biogas
- Total biogas production including FOG – 300 scfm
- Electrical efficiency – 40%
- Heat recovered – 3 million BTU/hr
- Overall efficiency – 75%
- Financial information
  - Construction cost – \$9 million
  - SGIP incentive – \$2.7 million
  - FOG tipping fee – \$219,000 per year
  - WPCF PG&E bill savings – \$410,000 per year
  - RES-BCT tariff – \$175,000 per year savings

