

ESG1 EXHAUST STEAM GENERATOR

ANIMAL FEED PRODUCER APPLICATION



SAVINGS COMPARISON ANALYSIS

Customer Name: **Federacion de Asoc. Pecuarias de PR, Inc.** Customer Code: **Animal Feed Producer** Reference: **60549**

| DATA without a Cain System | | PERFORMANCE with a Cain System | |
|--------------------------------|----------------|--------------------------------|-----------|
| GT3335 Gas Turbines (2) | | ESG1-620H14CSS | |
| Heat Sink | Steam | Operating Steam Pressure | 100 PSIG |
| Waste Exhaust Temp | 473°F | Final Exhaust Temp | 386°F |
| Water Temp. Inlet | N/A | Boiler Horsepower | 20 BHP |
| SCFM | 6,448 | Equivalent Evaporation | 693 pph |
| Fuel Type | Natural Gas | Pressure Drop, Exhaust | .79" WC |
| O2 Content | N/A | BTU/hr Recovered | 672,000 |
| Excess Air | N/A | BTU/hr Saved | 839,900 |
| Combustion Efficiency | 80% (relative) | Total Cost | \$118,584 |
| Fuel Cost Per Therm | \$.75 | | |
| Annual Operating Hours | 6,000 | | |

Payback: 37.6 mo.
Annual ROI: 32%
Annual Savings: \$37,797

Life Expectancy Savings: \$661,448 (15-20 years)

Savings comparison data is based on a conservative fuel cost per therm and approximate operating hours. Contact Cain Industries for your FREE savings analysis proposal.

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