

# Industrial Refrigeration Performance Plus

The Industrial Refrigeration Performance Plus (IRPP) Program is a 2010-2012 Pacific Gas and Electric Company (PG&E) Energy Efficiency Program delivered by VaCom Technologies.

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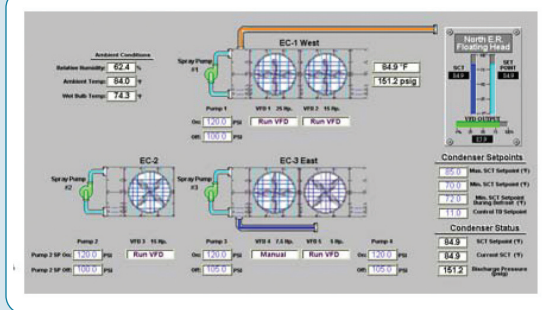
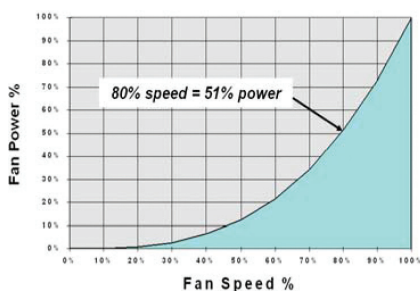
Pacific Gas and Electric Company®

## IRPP provides energy efficiency analysis, implementation and ongoing monitoring for facilities with large refrigeration systems.

- Comprehensive study to develop energy efficiency "investment options"
- Owner selected options are installed, verified and monitored for two years
- IRPP incentives paid upon completion and verification
- Web-based performance monitoring and training
- Available throughout PG&E service territory
- Incentives: \$0.15/kWh, \$100/kW, \$1.00/Therm
- Plus \$0.015/kWh paid after 2 years if efficiency levels are maintained

## Efficiency Measures

- PLC Control Systems
- Variable Speed Systems
- Compressor Plant Upgrades
- High Efficiency Condensers
  - Lighting Upgrades
  - Heat Recovery
- Air/Hydraulic Efficiency Upgrades
- Envelope and Door Improvements
- Heat Exchanger Optimization

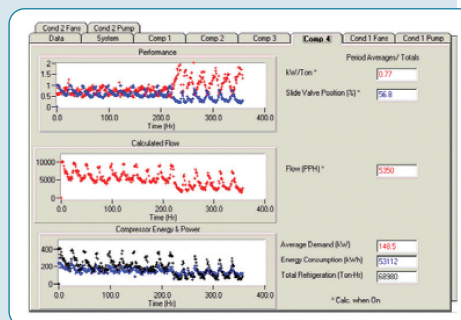


## Program Process

- Introduction / Walk-through
- ▼
- Preliminary Survey
- ▼
- Detail Survey & Energy Analysis
- ▼
- Project Study and Proposal
- ▼
- Turnkey Project Execution
- ▼
- Performance Monitoring & Training

## Who can benefit?

- Refrigerated Warehouses
- Produce & Fruit Cooling
- Food Processing
- Beverage Plants
- Dairies and Cheese Plants
- Blast Freezers



Proven expertise in analysis, control and monitoring of industrial refrigeration systems.

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