



Enpowered Solutions maximizes PG&E's IRCx program to provide **no-cost** technical analysis and support for eligible industrial customers.



IDENTIFY SUBSTANTIAL ENERGY SAVINGS AT NO COST TO YOU

Comprehensive studies offered by PG&E's Industrial RCx Program identify energy efficiency issues and provide a blueprint for saving energy and money. Each free study provides valuable, expert analysis of your systems and identifies no and low-cost energy efficiency measures that may significantly reduce energy waste and operating costs. When you implement any of the recommended upgrades from the study, you may also receive incentive payments based on the kWh saved.

Typical Industrial RCx Measures

- Floating Head Pressure Control
- VFD Compressor, Evaps, Pumps, Evap Condensation
- Optimize Defrost Control
- Install/Replace Partition Doors
- Leak Repairs
- Reduce System Pressure
- VFD Compressor
- Point of Use CA Reductions
- HE Nozzles, No-Loss Drains
- VFDs on Pumps, Fans
- Optimize PC Water Temp
- Improve Control
- Utilize Free Cooling
- CW Reset
- 3-way to 2-way CVs

The team at Enpowered did a great job from start to finish. They helped us determine how to achieve meaningful energy savings at low cost and then, after implementation, validate the savings to ensure that the measures supported by the program had a positive and measurable impact. Great group of professionals to work with, always friendly and helpful. I would recommend their services to anyone looking for help in building retro-commissioning.

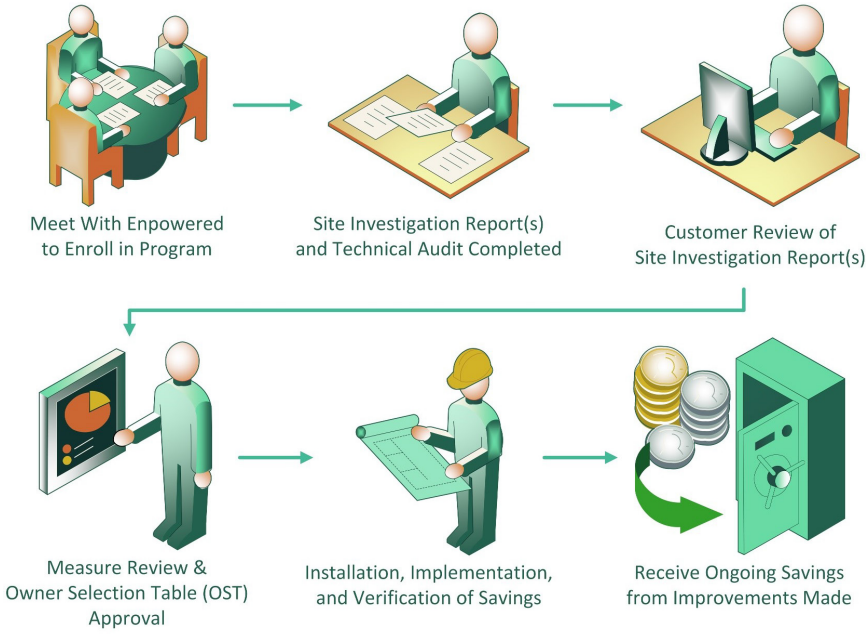
- Energy Manager, Facilities Maintenance

PG&E INDUSTRIAL RETRO-COMMISSIONING (IRCx) PROGRAM

Actual Projects and Measures Installed	Savings
<ul style="list-style-type: none"> Floating head pressure controls VSDs on condenser fans 	\$24,202/year
<ul style="list-style-type: none"> Process air handlers & dehumidifiers to variable volume Convert 3-way valves to 2-way Optimize condenser water temp 	\$133,932/year
<ul style="list-style-type: none"> VFD pumps and cooling tower fans Optimize cooling water temp and chiller controls Install heat exchanger for free cooling 	\$146,200/year
<ul style="list-style-type: none"> High-efficiency air nozzles No-loss condensate drains High efficiency air guns 	\$41,500/year
<ul style="list-style-type: none"> Leak repairs Pressure regulators Interlocking air usage 	\$45,000/year

- ### IRCx NO-COST FEATURES
- » Energy audit and report
 - » Technical assistance and engineering
 - » Detailed IRCx plan with energy and cost savings
 - » Project management and oversight
 - » Facilitation of incentive applications
 - » M&V of implemented measures
 - » Ensure the receipt of PG&E incentives

SIMPLE IRCx PROCESS



About Empowered

Empowered Solutions, the Owner’s Energy Engineer, is a leading consultative energy solutions company founded and comprised of expert energy engineers, commissioning agents, controls system designers, and project managers. We help our customers capture their performance advantage through a unique blend of controls innovation, commissioning, and energy engineering expertise.