

# Industrial Business Energy Performance Program for Petroleum, Chemical and Mining Customers

Administered by CLEAResult



The petroleum, chemical and mining industries can be complex and energy-intensive. Pacific Gas and Electric Company (PG&E) offers support by sponsoring the industrial Business Energy Performance (BEP) program, which helps offset the cost of energy efficiency improvements.

The program provides cash incentives and a team of energy advisors who can help you identify energy-saving opportunities and process improvements for your facility. Improving efficiency makes a difference for your bottom line, conserves natural resources and reduces air emissions.

## Who is eligible?

The program is open to industrial petroleum, chemical and mining customers within the PG&E service territory who pay the Public Purpose Program surcharge.

## Incentives for energy efficiency improvements

### Process equipment

- Process optimization
- Variable frequency drives

### Refrigeration

- Refrigeration controls
- Evaporator upgrades

### Pumping

- Pump upgrades
- Pump-off controllers

### Steam systems

- Boiler controls
- Insulation
- Waste heat recovery

### Compressed air

- Pressure drop reduction
- Compressor sequencing

### Lighting

- Lighting upgrades
- Lighting controls

### Other

- Optimized sizing of motors, pumps, pipelines and compressors

## Supporting you through the incentive process

Incentives are paid based on actual energy savings, with flexible incentive rates depending on the scope of your project.

### How it works

1. Contact your energy advisor or apply at **BEPProgram.com**.
2. Work with your energy advisor to identify energy efficiency improvements tailored to your business.
3. Your energy advisor will help you gather information to complete your incentive application package.
4. Once your project is approved, proceed with purchase and installation.
5. Notify your energy advisor that your project has been fully installed and commissioned.
6. Your energy advisor will work with you to verify your actual energy savings.
7. Receive your incentive check.



### Sample project

#### VFD for hot oil pump

The customer's baseline system included two sets of hot oil pumps that pump the product to the top and from the bottom of the fractionator. Their energy advisor recommended variable frequency drives (VFDs) on the pumps to allow for speed reduction, and to lower the amount of energy used in transporting the oil.

After implementing this update, the customer earned an incentive of \$72,606 (48% of eligible project costs) and lowered operating costs by reducing energy consumption.

### Energy savings and incentives

#### Get started

Contact an energy advisor at **BEPProgram@CLEAResult.com** or visit **BEPProgram.com**.

### Energy savings and incentive summary

Estimated yearly energy savings	521,336 kWh
Average peak reduction	67 kW
<b>Total incentive</b>	<b>\$72,606</b>