

Third Party Compressed Air Energy Efficiency Program FACT SHEET

ICASE Program Industrial Compressed Air Systems Efficiency Program

Administered By ALD, Inc.



Compressed air and vacuum systems are extremely energy intensive systems that can quickly deteriorate a facility's efficiency and reliability if not properly managed. To help industrial customers reduce energy use and maximize efficiency, Pacific Gas and Electric Company (PG&E) offers a comprehensive suite of programs. PG&E has contracted with Advanced Air Leak Detection (ALD), a third party energy efficiency implementation specialist, to administer the Industrial Compressed Air Systems Efficiency Program (ICASE). The ICASE program helps PG&E's industrial customers to develop projects and access cash incentives to subsidize the costs of qualified energy efficiency measures that increase efficiencies for compressed air and vacuum systems. Implementation of these projects results in the reduction of energy use, decreased costs, and benefits for the environment by conserving our natural resources and reducing emissions.



The *ICASE* Program Is Designed For All Large Industrial Compressed Air Systems. Industries Include, but are not limited to:

- Food and beverage manufacturing
- Refineries
- Semiconductor and other high tech manufacturing
- Heavy industry (foundries, forges, etc.)
- Plastic injection blow molding facilities
- Aerospace and defense

Achieve Long Term Energy Efficiency

- State of the Art Air System Controls
- Collect Data via desktop, Laptop or Cell Phone
- Monitor Air Systems Around The Clock
- System Efficiencies Remain Optimal
- Energy Report Cards Can Be Created to assure results are being achieved





Energy Efficiency Measures and Services Covered

Most energy efficiency measures and projects are covered under **ICASE**. Incentives are available on a first-come, first-served basis until ICASE allocated incentives are depleted. For customized projects, cash incentives for up to 50% of the total project cost are paid based on the annual savings in kWh.

Incentive amounts are as follows:

Measured Name	\$/kWh Incentives	\$/Peak kW Incentives
Compressed Air System Optimization	\$0.08kWh	\$150/kW

Common Compressed Air Systems Projects May Include:

- Process Optimization
- High Volume Low Pressure blowers
- Compressor Control Optimization
- Point Of Use Optimization
- Energy Efficient Dehydration solutions
- Pressure Reduction

Expert Project Services:

ALD's energy engineers act as technical consultants from project start to finish, making the process easy and ensuring that customers achieve maximum savings.

ICASE support includes:

- Identification of applicable energy efficiency measures and projects.
- Turnkey project implementation with guaranteed solutions
- Increased production throughput
- System reliability and process repeatability
- Measurement and validation of savings realized once projects are completed.

Participating Customers Are Required To:

1. Enter into a ICASE program application that sets forth the terms and conditions to participate in the ICASE program and receive incentives.
2. Receive project approval from PG&E prior to ordering any equipment for the project.
3. Provide PG&E, ALD, or any authorized subcontractor the right to access their facility in order to verify the project required equipment and installation.
4. Complete all project implementation milestones in a timely manner to secure limited incentives

ICASE

Industrial Compressed Air System Efficiency Program



Next Steps

ICASE

For more information or to enroll in the ICASE program, contact Tyler Costa or Jim Morgan at ALD, Inc 925-922-5997 or 925-953-3839 or your local PG&E account manager.
For more information regarding ALD, Inc. please visit us at www.airleakdetection.net