

VENDOR NEUTRAL, ENERGY BIASED

We are committed to reduce compressed air system energy and enhance the core process of industrial facilities.



COMPRESSOR
ENERGY SERVICES

COMPRESSORENERGY.COM

(603) 716-4025

With over 30 years in the compressed air systems industry, **Compressor Energy Services, LLC (CES)** specializes in optimizing the efficiency of the supply and demand side of compressed air systems in large industrial facilities. CES is uniquely positioned to assess a compressed air system through power, pressure, and flow monitoring and analytics. We provide turnkey design and implementation services, and guarantee energy savings that result in a typical return on investment of 65%, resulting in simple paybacks of less than 2 years. We are preferred technical service providers with utility companies leveraging the best available incentives in today's markets.

We are a team of compressed air engineering specialists who have conducted over 1,000 assessments and secured over \$25 million in utility incentives for projects that seamlessly integrate and oftentimes optimize the manufacturing process.

RECOGNITION

We have received the following awards from the Association of Energy Engineers (AEE) New England chapter:

- ◆ 2018: AEE Energy Innovator of the Year for Region 1 (CT, DE, ME, MA, NH, NJ, NY, PA, RI, VT)
- ◆ 2015: Comprehensive Energy Project of the Year – Smutty Nose Brewing Co.
- ◆ 2014: Best Compressed Air Energy Project in New England - Smiths Medical North America
- ◆ 2014: Best Corporate Energy Program in New England - EMD Millipore Corporation
- ◆ 2013: Best Performance Contracting Project – P&G Gillette
- ◆ 2013: Best Compressed Air Energy Project – Analog Devices
- ◆ 2012: Outstanding Energy Project New Construction – Green Mountain Coffee Roasters
- ◆ 2012: Outstanding Energy Project Production Facility – Joseph's Gourmet Pasta & Sauces
- ◆ 2011: Best Corporate Energy Program – EMD Millipore Corp.
- ◆ 2011: Best Compressed Air Energy Project – Smiths Medical North America
- ◆ 2010: General Electric – Best Compressed Air Energy Project
- ◆ 2010: Millipore – Best Customer Driven Air Energy Project
- ◆ 2008: Anheuser Busch – Best Energy Project in New Hampshire in partnership with Environmental Systems Corporation

SERVICES OVERVIEW

ASSESSMENT SERVICES

- ▶ Pressure, flow, and power monitoring and analytics
- ▶ Supply and demand side optimization
- ▶ System wide retro-commissioning
- ▶ Leak detection
- ▶ Heat recovery
- ▶ Process integration

DESIGN SERVICES

- ▶ Investment grade design drawings and scope of work
- ▶ Utility submittals
- ▶ Vendor RFP solicitation and selection
- ▶ Execution planning
- ▶ Scheduling

IMPLEMENTATION

- ▶ Project management
- ▶ Turn-key installation
- ▶ Utility incentive coordination
- ▶ Subcontractor management
- ▶ Project commissioning
- ▶ Operations and maintenance manuals
- ▶ Staff training

PERSISTENT COMMISSIONING

- ▶ Remote monitoring
- ▶ Compressed air system analytics
- ▶ Periodic reporting
- ▶ Savings measurement and verification
- ▶ Operations and maintenance savings identification
- ▶ Core process diagnostics

VALUES

CUSTOMERS

At Compressor Energy Services, our job isn't done until we have achieved projected savings and have a satisfied customer. Maintenance, facility, and executive staff are our best marketing tool as they keep asking us to come back!

INNOVATION

We look at compressed air solutions through a number of different lenses. System efficiency, inappropriate end uses of compressed air, heat recovery, and core process optimization are a just a handful of those lenses.

CORE PROCESS

The #1 priority for industrial facilities is their productivity and throughput. CES takes pride in seamlessly integrating our compressed air solutions with the core process.

TRUSTED SAVINGS

Our customized remote monitoring system enables us to monitor power, pressure, and flow to accurately predict how much energy and money we save our customers. We even guarantee the savings.

CASE STUDIES	Fortune 150 Beverage Bottling Plant	Nationally Recognized Brewery	Nationally Recognized Food Manufacturer	Manufacturer of Styrofoam Products	Fortune 500 Aerospace Castings Manufacturer
SCOPE	335 hp oil free, two stage, variable speed air compressor Heat recovery to supply plant air and process heat loads Leak repair Unregulated end uses Pressure reduction	2 x 60 hp oil free, variable speed air compressors Air treatment Storage Distribution	420 hp & 335 hp oil free, two stage, variable speed air compressors Heat recovery to meet process air and heat demands	300 hp oil flooded, two stage, variable speed air compressor with 1,060 gallons of storage Heat recovery from inner stages of compression and after cooler Steam insulation Zero-loss drains Leak repair	Cross-connected two point-of-use compressed air plants Sequencing control strategies to optimize energy efficiency
PROJECT COST	~\$620,000	~\$265,000	~\$1,200,000	~\$535,000	~\$355,000
ANNUAL ENERGY SAVINGS	2,077,049 kWh/yr 30,000 therms/yr	401,192 kWh/yr	1,247,045 kWh/yr 80,538 therms/yr	449,486 kWh/yr 46,793 therms/yr	862,769 kWh/yr
TOTAL UTILITY INCENTIVE	~\$420,000	~\$180,000	~\$85,000	~\$335,000	~\$250,000

SOME OF OUR CUSTOMERS



UTILITY PARTNERS

