



Compressed Air Study

You can improve the efficiency of your air supply operations with a Compressed Air Study from Xcel Energy as part of our Fluid System Optimization program. Our study incentives, and prescriptive and custom rebates can help you reduce your energy costs, improve productivity, enhance your system knowledge, and increase your profitability.

Earn study funding every five years

Identify and address areas where your system is losing energy due to leaks and other wasteful measures. Take advantage of our study funding to find ways to increase your system's efficiency.

Our efficiency studies help you measure and understand your energy consumption. Best of all, our study rebates will cover 100 percent of the study costs when you repair 75 percent of identified leaks.

The study includes:

- An ultrasonic leak survey
- An efficiency report that characterizes the system's major components, identifies system loading, provides flow and metering results, identifies leaks and unregulated demand, identifies execution steps and cost estimates, and recommends improvements and follow-up actions

Operating horsepower (hp)	Funding level
500hp systems* and larger	\$4,000 plus \$20/hp (capped at \$25,000)
200hp–499hp systems*	\$3,000 plus \$20 per hp
50hp–199hp systems*	\$2,000 plus \$20 per hp
10hp–49hp systems*	\$250 plus \$20 per hp
< 10 hp	Not available

*Study funding requires Xcel Energy preapproval, and customers must fix at least 75 percent of the air loss caused by leaks/waste identified to receive the rebate. See rebate application for details.



We're here to help. Ask us how we can save you money with Xcel Energy rebates and incentives.



John Henry Foster
 3103 Mike Collins Drive
 Eagan, Minnesota 55121
 800-582-5162
 solutions@jhfooster.com

Not enough compressed air?

Escaping air impacts your bottom line. Leaks may cost you significant amounts of energy costs each year.

A 1/6" leak may cost
\$523, 6.49 CFM

A 1/8" leak may cost
\$2,095, 26 CFM

A 1/4" leak may cost
\$8,382, 104 CFM

Source: Compressed Air Challenge. Assumes \$0.05 per kWh, constant operation, 100 psig, and a typical compressor.
<https://www.compressedairchallenge.org/library/factsheets/factsheet07.pdf>

Implementation rebates help reduce your upfront costs

Whether you identified improvements through a study or not, you can qualify for rebates to offset your upfront costs. You can receive rebates for no-loss air drains, mist eliminators, cycling dryers, dew point demand controls, variable speed compressors less than 50 hp, or you can qualify for a rebate by making process changes such as modifying your storage piping or reducing your system's existing horsepower. If you participate in our Compressed Air Study to assess your equipment needs, you'll save even more with higher rebates.

Xcel Energy Custom Rebates help you now*

Horsepower (hp)	Funding level
Systems less than 50 hp (no study required)	\$400 per kW saved
Systems greater than 50 hp (with your completed Xcel Energy study)	\$400 per kW saved
Systems greater than 50 hp (without an Xcel Energy study)	\$50 per kW saved

*An Xcel Energy pre-approved analysis is required to determine rebate eligibility for any custom recommendations identified in the study.

Don't waste away your profits

Leaks are a significant source of wasted energy in a compressed air system, often wasting as much as 20–30 percent of the compressor's output.¹ By making improvements and upgrading to more efficient equipment, you can potentially improve processes.

¹Office of Industrial Technologies Energy Efficiency and Renewable Energy U.S. Department of Energy https://www.energystar.gov/ia/business/industry/compressed_air3.pdfw

Maximize your profits now

Contact your Xcel Energy account manager or an energy efficiency specialist at **855.839.8862** for guidance on how to save with study funding and rebates.