SUPPLY-SIDE COMPRESSED AIR STUDY

INFORMATION SHEET
MINNESOTA

Xcel Energy®

You can improve the efficiency of your air supply operations and earn study funding with a Compressed Air Study. 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% of the study costs when you repair 75% 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% of the air loss caused by leaks/waste identified to receive the rebate. See rebate application for details.

Make upgrades, earn rebates

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 and variable speed compressors less than 50 hp. You can qualify for custom rebates for air compressors 50 hp and larger and for process changes such as modifying your storage piping or reducing your system's existing horsepower. If you participate in our Supply-Side Compressed Air Study to assess your equipment needs, you'll save even more with higher rebates.

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

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% of the compressor's output.[1] By making improvements and upgrading to more efficient equipment, you can potentially improve processes.

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

Xcel Energy custom rebates

HORSEPOWER (HP)	FUNDING LEVEL	
Systems less than 50 hp (no study required)	See text box to the right	Rebates up to $500/system peak demand kW[1] Plus $200/non-peak demand kW[2]
Systems 50 hp and larger (with your completed Xcel Energy study)	See text box to the right	Rebates up to $500/system peak demand kW[1] Plus $200/non-peak demand kW[2]
Systems 50 hp and larger (without an Xcel Energy study)	See text box to the right	Rebates up to $100/system peak demand kW[1] Plus $50/non-peak demand kW[2]

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

[1] Xcel Energy system peak demand kW occurs on a weekday 2-6 pm, June – September

[2] in excess of system peak demand kW saved

Free advice on how to maximize efficiencies

Contact your Xcel Energy account manager or an energy advisor at **855-839-8862** for guidance on how to save with study funding and rebates.

For more program information and applications, visit **xcelenergy.com/CompressedAirStudy**.