

Compressed Air Energy-Savings

NIPSCO ENERGY EFFICIENCY PROGRAMS FOR BUSINESSES



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Consider this: Compressed air is often the most expensive service in a manufacturing facility. **Why?** Because it's not just air—it's air that must go through an energy-intensive process to make it useful.


Compressed air systems are vital for many industrial processes, even though over 80% of its input energy is lost as heat. Optimizing usage and reducing air demand can save 20-50% or more on electricity.¹


Effective management of compressed air assets conserves energy, reduces inefficiencies, extends equipment life, boosts uptime and ensures product quality. Using LESS compressed air for the same tasks improves efficiency.¹


Check with your TRC* Field Engineer to identify available incentives through the NIPSCO Energy Efficiency Programs, which are designed to help cut costs and enhance efficiency, benefiting your business.

Maximize Your Compressed Air Systems²

 Identify and repair compressed air leaks

 Install accumulation pressure tanks

 Maintain the compressors and the system

 Review system pressure requirements



Local Manufacturing Facility Re-Thinks Compressed Air for More Efficient Operations

Through the NIPSCO Energy Efficiency Retro-Commissioning (RCx) Program, a local manufacturing facility asked, "Is there a better, more efficient way to remove debris before applying a finish?" The answer was a resounding "YES!" by replacing their compressed air blowers with four electric single-stage blowers. Each new blower features an air knife with 19 holes, each 3mm in diameter, blowing 100 psi to remove manufacturing debris.

This upgrade **earned \$6,304 in incentives** and is projected to **save \$64,316 in annual energy costs, that's \$321,581 over five years**. With a first-year **ROI of 9,181%** and a **payback period of just 0.01 years³**, this initiative showcases the significant benefits of NIPSCO's Energy Efficiency Programs.

Saving 378,331 kWh, is equal to:

 **62.9 vehicles** removed from the road

 **528.0 homes** powered for one month

 **102.3 tons** of landfill CO₂ emissions eliminated

Get started saving!

Now that you know more about what to upgrade, visit trcsavesenergy.com/TradeAlly/TradeAllySearch to find an experienced contractor or contact a TRC* Field Engineer in your area by visiting trcsavesenergy.com/Home/ContactUs or calling TRC at **1-800-299-2501**.

¹betterbuildingssolutioncenter.energy.gov/better-plants/compressed-air

²energystar.gov/buildings/resources_audience/small_biz/small_medium_manufacturers

³Simple payback of less than 12 months can be considered a retro-commissioning measure

*NIPSCO's energy efficiency programs are administered by TRC, a third-party implementation specialist that helps homes and businesses save energy.

NIPSCO
Energy Efficiency

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