

Retro-Commissioning:

Bringing energy savings to your business



Is your building out of sync? The costs can add up

Changing occupant needs, re-purposed space, renovations, and aging systems can put your building out of sync. The DTE Retro-Commissioning Program (RCx) is focused on tuning up your existing equipment for more efficient performance and improving occupant comfort and productivity.

DTE Energy is here to help

Receive a fully-funded, complimentary study of your facility from the DTE Retro-Commissioning Program. The RCx Team will conduct a no-cost energy assessment to identify energy-saving improvements of mechanical and electrical systems. See the list below for all that's included.

Building system optimization:

- Optimize scheduling to ensure equipment and lighting is operating only when needed
- Fix outside air dampers that are not operating properly
- Adjust supply air temperature and fan speed controls
- Adjust ventilation in over-ventilated areas
- Adjust supply air static pressure setpoint
- Align zone temperature setpoints to match building occupancy patterns
- Optimize chiller and boiler operations to match building load conditions

Process optimization:

- Improve compressed air operations
- Optimize steam systems
- Optimize process heating and cooling
- Enhance industrial refrigeration performance

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Program benefits

- Energy savings
- Improve occupant comfort
- Improve system performance
- Non-energy related ventilation benefits

What is the process?

Application: The RCx team will work with you to pre-qualify your project and identify potential savings opportunities. We will then help you fill out and submit your application.

Assessment: Once your application has been accepted, the RCx team will perform a detailed assessment of your building and summarize the results in a report. The report will provide a list of low-cost energy-efficiency improvements to consider for implementation, along with the estimated payback period.

Implementation: Based on the assessment, estimated savings, and incentives available, the RCx team will help you to implement the energy-saving improvements. Upon completion of improvements, we will confirm the energy savings and present a final report verifying the completion of retro-commissioning measures and estimated energy savings.

What is the incentive?

A free, no-cost comprehensive assessment of your building systems with an investigative retro-commissioning study fully-funded by DTE's Energy Efficiency Program for Business—**valued at up to \$80,000**. This is a “service-incentive” program which means the retro-commissioning study is part of the incentive. Additionally, you can receive up to **\$50,000** in bonus incentives for exceeding minimum savings targets.

Who is eligible? *(Note: other RCx programs are available if you don't fit the Standard Track requirements listed below.)*

Commercial and industrial DTE customers striving to save energy, reduce operating costs, and improve building performance are eligible. Selection criteria include:

- Controls system with the capability to schedule units on/off, make adjustments, and if possible, adjust operational parameters from an operator interface
- Annual electric energy consumption of 2,000,000 kWh or greater
- Agree to a minimum commitment of \$10,000 to implement the energy efficiency improvements identified in the study with a combined estimated simple payback of 18 months or less

Get started today!

To apply or to get more information on the program, visit rcx.dteenergy.com, call **248.430.5579**, or send an email to DTERCx@esciences.us.