

Retro-Commissioning: Bringing energy savings to your business



**Optimize your
building's
performance**

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 tracks are available if you don't fit the Standard Track criteria 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 5,000,000 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 dteenergy.com/rcx, send an email to DTERCx@esciences.us, or call **248.430.5579**.