

Retro-Commissioning: Bringing Energy Savings to Your Business



Optimize Your Building's Performance

Building out of sync? The costs can add up.

The challenges are common: changing occupant needs, space repurposing, renovations and aging systems. As a result, managing your building's energy use can be complex. Retro-commissioning helps overcome building changes so you can enjoy comfortable and productive work environments, decreased energy and maintenance spending, and increased ability to maintain existing occupants while also attracting new ones.

Why do a retro-commissioning tune-up?

Your facility can benefit from lower energy usage and operating costs, reduced maintenance, and improved comfort and productivity—without making large capital investments. Participating in retro-commissioning does not mean upgrading or replacing equipment, but rather tuning-up your existing equipment for more efficient performance.

DTE Energy can help.

Receive a fully-funded (FREE) study of your facility from our Retro-Commissioning Program. One of our approved Service Providers conducts a detailed energy assessment to investigate and identify low-cost energy-saving operational improvements through a systematic evaluation of mechanical and electrical systems.

Improvement examples include:

- Optimize scheduling to ensure equipment and lighting is only running when building is occupied or when equipment is needed
- Reducing ventilation in over-ventilated areas
- Fixing ventilation dampers that are open when they should be closed
- Adjust supply air pressure set point
- Adjust supply air temperature and fan speed
- Aligning zone temperature set-points to match the building's occupancy patterns
- Optimizing chiller and boiler operations to better match building load conditions

With the entire study being fully funded by DTE Energy, your commitment will be to pay the cost of implementing improvements that pay for themselves in eighteen months or less. To ensure confidence in the associated payback time and energy savings, the analysis is performed by an approved Service Provider.

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Benefits - quick look

- Reduction in maintenance and operating costs
- Increased property value
- More comfortable indoor environment
- Improved occupant productivity
- Assurance that operations meet owner requirements
- Extended equipment service life
- Improved integration of building systems

How does the retro-commissioning process work?

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

Implementation: Next, you implement the energy-saving improvements you selected from the report. Upon completion of the improvements, the Service Provider will confirm the energy savings and present you with a final report verifying the completion of the improvements and estimated energy savings.

What is the retro-commissioning program incentive?

This program is funded by DTE Energy's Energy Efficiency Program for Business. The energy assessment of your building's control systems will be fully funded. Additionally, customer engagement incentives and potential bonus incentives will be paid to customers meeting established criteria.

- Receive a comprehensive assessment of your building systems with an investigative retro-commissioning study fully funded by DTE Energy—**valued at up to \$80,000**
- Receive up to **\$1,750** in engagement incentives for actively participating in the program
- Receive up to **\$25,000** in bonus incentives for exceeding minimum savings thresholds

Who is eligible?

Commercial and industrial DTE Energy customers striving to save energy, reduce operating costs, and improve building performance can maximize their efforts with assistance from DTE Energy. Our application provides a full listing of requirements; minimum requirements for your facility to be eligible for these services include:

- You are a DTE Electric customer with a peak demand of 300 kW or greater
- You have an annual electric energy consumption of 10,000,000 kWh or greater
- You agree to a "minimum commitment" of \$10,000 to implement the energy efficiency improvements identified in the study with a combined estimate simple payback of 18 months or less

Get started today!

To apply or to get more information on the program, visit rcx.dteenergy.com, send an email to DTERCx@esciences.us, or call **248.430.5579**. We can check your eligibility, answer questions, provide an approved Service Provider list, and help make DTE Energy's Energy Efficiency Program for Business work for you.