

# Retro-Commissioning Program Portfolio Case Study

## What is Retro-Commissioning?

The DTE Energy Retro-Commissioning (RCx) Program provides a professional study of your existing building and process systems. Program specialists help you optimize and improve comfort and functionality while decreasing energy and maintenance costs over time. The program is focused on tuning-up your existing equipment for more efficient performance, rather than upgrading or replacing it.

The retro-commissioning study is complimentary with opportunities for additional rebates and bonuses. Contact us to see if you qualify.

## Project details: Healthcare Buildings

We worked with a local healthcare provider to enroll three of their buildings in the Retro-Commissioning (RCx) Program. These buildings include office spaces, clinics, operating rooms, and hospital rooms.

The following energy efficiency improvements were identified, implemented, and verified through the RCx Program for these healthcare buildings:

- Scheduled equipment off in unoccupied periods
- Applied night temperature setbacks
- Reset supply duct static pressure
- Closed OAD's during morning warm-up
- Reduced boiler operation
- Replaced failed steam traps



### Annual Savings

**Healthcare Office Building:** 1,252,268 kWh

**Medical Office Building:** 506,860 kWh

**Hospital:** 23,697 Ccf

**Total annual electric savings: 1,759,128 kWh**

**Total annual natural gas savings: 23,697 Ccf**

### Project savings

Description	Cost (-)	Benefit (+)
Annual energy cost savings estimate		\$146,073
Implementation cost estimate	\$18,197	
Customer verification bonus		\$72,312
Limited time bonus		\$12,523
<b>Total benefit:</b>	<b>\$230,908</b>	

## Get started today!

For more information on the DTE Retro-Commissioning Program, visit [dteenergy.com/rcx](https://dteenergy.com/rcx), send an email to [DTERCx@esciences.us](mailto:DTERCx@esciences.us) or call 248.430.5579.

The DTE Retro-Commissioning Program is an important part of our energy efficiency initiatives through DTE CleanVision, our goal of net zero carbon emissions by 2050. Learn more about CleanVision at [dtecleanenergy.com](https://dtecleanenergy.com) and the RCx Program at [dteenergy.com/rcx](https://dteenergy.com/rcx).