

Retro-Commissioning Program 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: Fitzgerald High School

Fitzgerald High School in Warren is one of the community-oriented schools within the Fitzgerald Public Schools district. Their mission is to educate and nurture students to acquire the academic, vocational, and social skills needed to become self-sufficient citizens.

The following energy efficiency improvements were identified, implemented, and verified through the RCx Program at Fitzgerald High School:

- Adjusted HVAC scheduling
- Adjusted economizer & temperature setpoints for ventilators
- Reset rooftop static pressure
- Released rooftop temperature setpoint overrides

Project snapshot

Participant: Fitzgerald High School

Track: Express

Building size: 400,000 sq. ft.

Verified annual electric savings: 144,377 kWh

Simple payback: Immediate



Project savings

Description	Cost (-)	Benefit (+)
Annual energy cost savings estimate		\$14,005
Implementation cost estimate	\$0	
Implementation funding		\$2,000
Customer verification bonus		\$1,888
Customer bank bonus		\$1,444
Total benefit:		\$19,336

Get started today!

For more information on the DTE Retro-Commissioning Program, visit dteenergy.com/business, send an email to saveenergy@dteenergy.com or call 855.748.2525.