TI Automotive - Caro Retro-Commissioning Program Express Track

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 incentives and bonuses. Contact us to see if you qualify.

Get Started Today!

For more information on the DTE Retro-Commissioning Program, visit **rcx.dteenergy.com,** send an email to **DTERCx@esciences.us** or call 248.430.5579.

Project Details

TI Automotive produces high-performance fuel systems that power the world's fastest production cars. Their Caro facility is TI's high performance and aftermarket fuel pump and module manufacturing site.

The following energy efficiency improvements were identified, implemented, and verified through the RCx Program at the Caro facility:

- Adjusted scheduling for office & main production AHUs
- Adjusted economizer setpoint
- Adjusted space temperature setpoints
- Adjusted boiler pump lockout setpoints

"We at TI would like to thank your team for the exceptional work and professionalism exhibited in Retro-Commissioning our Caro Aftermarket facility. The time and energy your team spent in streamlining Caro's systems to be more efficient and cost effective will benefit Caro for many years to come—and all this done at no cost to TI! Reducing Caro's overall energy usage by 20.6% is an amazing accomplishment. Thank you for the Cost Savings this DTE RCx initiative has generated in TI Caro.

TI looks forward to continuing this DTE RCx in other Michigan-based TI facilities!"

- Don Mandernach, TI Fluid Systems

Project snapshot

Program participant	TI Automotive
Building size	60,000 sq. ft
Verified annual electric savings	**372,370 kWh**
Simple payback	Immediate

Description	Cost (-)	Benefit (+)
Annual energy cost savings estimate		$42,450
Implementation cost	$0	
Implementation funding		$2,000
Customer verification bonus		$12,895
Customer bank bonus		$3,724
Total benefit		**$61,069**

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TI Automotive