

# 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.

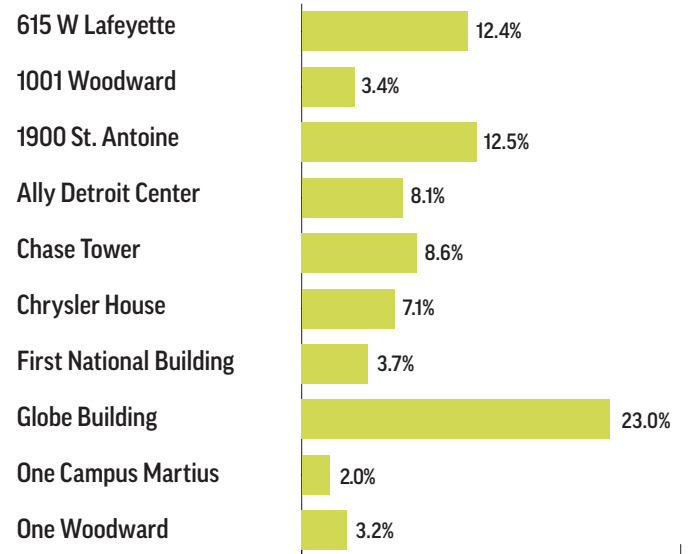
### Project details: Bedrock Detroit

The Retro-Commissioning Program Team has worked very closely with the Bedrock Detroit Building Systems Team to systematically assess many of their buildings over time, planning it out over years. Each building brings unique use and situations to the mix.

The following consists of some of the energy efficiency improvements that were identified, implemented, and verified through the RCx Program for Bedrock Detroit:

- Optimize AHU schedules
- Night setback
- Duct static pressure reset
- Compressed air leak fixes
- Optimize DA temp reset
- Optimize economizer
- Adjust airflow control
- Adjust condenser water temp reset
- Adjust chilled water temp reset

### Annual electric savings per building



### Get started today!

For more information on the DTE Retro-Commissioning Program, visit [dteenergy.com/business](https://dteenergy.com/business), send an email to [saveenergy@dteenergy.com](mailto:saveenergy@dteenergy.com) or call 855.748.2525.

## Retro-Commissioning Program Multi-building case study



Bryan Betke, Bedrock Detroit

### Bedrock Detroit

“Bedrock aims to be a leader in sustainable efforts going forward and this will help to support our local community, provide a tangible benefit to our tenants, and enhance our ability to attract quality tenants,” Bryan Betke shared. He has been the Controls Engineer on the Bedrock Controls Team since its inception. Alongside the Director of Building Systems, Russ Holton, he is always looking for ways to help Bedrock Detroit become a more sustainable company in addition to saving money on operating costs. “Our goal is to leverage new technologies to help make its portfolio across Detroit and Cleveland more sustainable,” notes Bryan.

With energy efficiency and sustainability being a high priority, Russ regularly encourages teams like Bryan’s to participate in DTE programs and commission equipment that proves to be efficient for each of the buildings. “The Bedrock Controls Team and Engineering Team have participated for several years now in the DTE Retro-Commissioning (RCx) Program. This program helps us reach our company goals of committing to a sustainable future,” said Bryan. The RCx team has worked closely with Bryan on several Bedrock buildings and has plans to optimize more buildings in the upcoming years.

The straightforward application process and the efficiency of the team made participation easy for Bryan. “Everyone on the program has been very friendly, helpful, and willing to engage with and answer any questions I may have had,” said Bryan. “The program team was able to clearly articulate its economic benefits, and there was the opportunity to ample collaboration, growth, and discussion.” The RCx team presented thorough findings and supporting documentation that they used and updated continuously in order to track progress and plan next steps with Bryan, Russ, and their team.

The optimizations identified through the DTE Retro-Commissioning Program align nicely with Bedrock’s mission as well as Bryan’s personal passion to apply sustainable practices to Bedrock’s daily operations. “My favorite benefit was the correlation of business and sustainability. It provided suggestions and methods for not only implementing new green practices, but information on how to best leverage these practices to reduce operating costs and enhance overall business sustainability,” Bryan remarked. “This program suggests changes that help both in ways that have proven to be relatively easy.”

Bryan was impressed with the work of the RCx team and looks forward to making a further impact with energy and cost savings. “There is always something that can be changed or adjusted that will have good return on investment. The DTE Retro-Commissioning Program is worth it, and I would absolutely recommend it to other companies to help reach their goals.”

