

Current reliability projects



We realize that you rely on electricity to live, work and connect with family and friends.

That's why we are committed to providing safe, dependable and affordable power 24-hours a day to communities across Southeast Michigan. We are investing nearly \$1 billion a year in electric infrastructure

upgrades and smart technology, and we are proud of the results. Even with Michigan's **sometimes extreme weather, we've improved reliability by 65%** over the past several years. We realize there is much more work to do and will continue to improve our reliability.

Mack substation – east side of Detroit

Project overview

As part of our ongoing commitment to enhance the **energy grid, DTE's** substation operations team is completing work on the Mack substation that will improve reliability for thousands of customers, including essential facilities such as Ascension St. John Hospital in Detroit. The substation, which feeds electricity to the hospital, is getting a new transformer and other electrical work. This will allow us to modernize our infrastructure and make it more resilient, and adaptable to meet maintenance challenges. The project began in March 2020 and is expected to be completed by the end of 2020.

Benefits to the community

- **Improves DTE's ability to provide safe and reliable energy** to thousands of business and residential customers on the east side of Detroit.
 - Fewer outages
 - Shorter restoration time
- Improves resiliency of the electric system during severe weather conditions.

Overhead reliability work - Grosse Pointe Shores, Woods, Farms

Project overview

DTE Energy is building a stronger energy grid - the overhead team is completing work in Grosse Pointe Shores. The work includes: replacing old lines and equipment in an area that has been prone to outages, low voltage and related issues. Trimming trees around two of our substations. In areas where tree trim is completed – customers on average see 70% reliability improvement. The project is expected to be complete by the end of 2020.

Benefits to the community

- Improves reliability for about 1,500 customers in Grosse Pointe Farms, Grosse Pointe Shores and Grosse Pointe Woods; they should see far fewer outages and other electrical problems.
 - Fewer outages
 - Shorter restoration time
- Improves resiliency of the electric system during severe weather conditions.

[Learn more](#) about the project.

Electric vault underground project- Pontiac

Project overview

DTE Energy is making significant investments to build a more resilient, stronger and smarter electric grid in Pontiac. The underground team is almost finished with an electrical upgrade in downtown Pontiac. The crews are completely upgrading the underground electric system, and replacing all the vaults, cables and other electrical equipment with equipment designed to operate in this environment. Once the project is complete, crews will have replaced 15 vaults and more than 10,000 feet – or nearly 2 miles – of cable. The project started in the summer of 2018 and is expected to be complete by the end of 2020.

Benefits to the community

- Improves reliability for residence in downtown Pontiac
 - Fewer outages
 - Shorter restoration time
- Enhances system reliability as downtown Pontiac continues to grow

[Learn more](#) about the project.

Overhead and substation reliability work - Brighton

Project overview

In the spring of 2020, crews completed significant infrastructure work in Brighton. The work included: replaced overhead equipment and a transformer in areas that have been prone to outages, low voltage and related issues. Installed animal guards to make it more difficult for rodents to climb from the pole onto the electrical system. Trimmed trees on the circuit. In areas where tree trim is completed – customer on average see 70% reliability improvement. The project was completed in the spring of 2020.

Benefits to the community

- Improved reliability for customers in Brighton
 - Fewer outages
 - Shorter restoration time
- Improves resiliency of the electric system during severe weather conditions.

Overhead and substation reliability work - Plymouth

Project overview

DTE Energy's overhead crew is working to improve reliability in Plymouth.

Crews are inspecting and upgrading utility poles throughout Plymouth. Strong, sturdy utility poles are the backbone of a reliable electric system. In addition, the substation operations team recently - rebuilt one of the substations – making the infrastructure stronger to reduce power outages and voltage fluctuations. Trimmed all trees on one of the circuits. Fallen trees and branches are responsible for two-thirds of the time our customers spend without power. The project is expected to be completed in the fall of 2020.

Benefits to the community

- Improved reliability for customers in Plymouth
 - 87% fewer outages
 - Shorter restoration time
- Improves resiliency of the electric system during severe weather conditions.

[Learn more](#) about the project.