

DTE Energy's 2018 Renewable Energy Plan

On March 29, 2018, DTE Energy submitted its 2018 Renewable Energy Plan to the Michigan Public Service Commission (MPSC), proposing approximately 1,000 additional megawatts of carbon-free electricity from new wind and solar projects in Michigan scheduled to be completed by 2022. If approved, these new renewable energy projects would drive investment of more than \$1.7 billion in Michigan and double DTE's renewable energy capacity from 1,000 megawatts to 2,000 megawatts – enough clean energy to power over 800,000 homes.

The filing outlines DTE's approach to Michigan's 15 percent Renewable Portfolio Standard (RPS) as well as its intent to offer a new voluntary renewable energy program specifically designed for large business customers seeking to reduce carbon emissions. This program will provide additional renewable resources beyond those proposed to meet the 15 percent RPS requirement and differs from DTE's [MIGreenPower voluntary program](#). The plan also includes the launch of a pilot program for battery storage technology aimed at improving the reliability of energy provided from wind and solar power.

As required by the MPSC, the plan only covers how DTE will achieve the 15 percent RPS for compliance purposes. As we work on our next Integrated Resource Plan (IRP), which will be filed in March 2019, DTE will be looking hard at the opportunity to add even more renewable energy resources. Those renewable additions will most likely include a mix of both wind and solar.

2018 Renewable Energy Plan Highlights

- Bringing online the Pine River wind park later this year, and the Polaris wind park in 2019. Together, the parks will have the capability of generating 330 megawatts and will be DTE's largest and most efficient wind parks to date.
- Adding 300 megawatts of new wind capacity in 2020 to supply a new voluntary renewable energy program for large customers seeking to reduce carbon emissions.
- Building two additional wind parks that will provide a combined 375 megawatts and begin operation in 2021 and 2022.
- Installing approximately 15 megawatts of new Michigan-based solar capacity over the next three years, increasing DTE's solar capacity by almost 25 percent over the next three years.

Meeting DTE's carbon reduction goals

The plan takes another significant next step toward meeting DTE's goal to cut carbon emissions by more than 80 percent by 2050 while continuing to deliver reliable and affordable power to our 2.2 million customers. DTE plans to reduce carbon emissions by 45 percent by 2030, and 75 percent by 2040 on the way to its 2050 goal. These plans define a long-term shift by DTE to produce over three-quarters of its power from renewable energy and highly efficient natural gas-fired power plants.

Due to its substantial investments and use of renewable energy, DTE has already reduced its carbon emissions by nearly 25 percent by driving investments of approximately \$2.5 billion over the last 10 years in Michigan's renewable energy sector and adding 1,000 megawatts of wind and solar capacity – enough clean energy to power more than 450,000 homes