2022 DTE Electric Integrated Resource Plan

DTE Electric proposes transformational investment in Michigan-made renewable energy and accelerates emissions reductions

In November 2022, we filed a comprehensive plan to meet the electricity needs of our customers for the next 20 years (2023-2042) with the Michigan Public Service Commission

Results of a year-long comprehensive process that included insights from customers to build this plan

60% renewables by 2042

Reduces future costs $1.4 billion compared to our 2019 plan

Our proposed plan:

- **Generates reliable electricity through a balanced and diverse mix of cleaner energy sources.**
- **Accelerates previous CO_2 interim reduction goals, targeting a 65% emissions reduction in 2028, 85% in 2035, 90% by 2040.**
- **Ends use of coal in 2035 with a responsible, phased retirement schedule of the Belle River and Monroe coal power plants.**
- **Proposes enough Michigan-made solar and wind energy to power approximately 4 million homes.**
- **Invests $9 billion over the next 10 years into Michigan's economy supporting more than 25,000 jobs.**
- **Reduces the cost of the clean energy transition by a projected $1.4 billion from our 2019 plan.**

Our CleanVision Plan is a proposal subject to regulatory approval. To read the plan's Executive Summary, or learn more about DTE Electric's clean energy programs, please visit dtecleanenergy.com.

15,400 MW
of renewables and

2023-2032: 4,400 MW solar; 1,000 MW wind
2033-2042: 2,100 MW solar; 7,900 MW wind

1,810 MW
of storage by 2042

2023-2032: 760 MW;
2033-2042: 1,050 MW

Transforms DTE Electric's generation fleet, resulting in a total of 18,400 MW of renewables and a total of 2,900 MW of storage by 2042 (when added to existing and approved resources)

Accelerates renewables, maintains reliability and affordability

1.5%
energy waste reduction

Continues to focus on customer programs by targeting an average of 1.5% energy waste reduction savings per year over the study period (maximum amount of achievable potential)

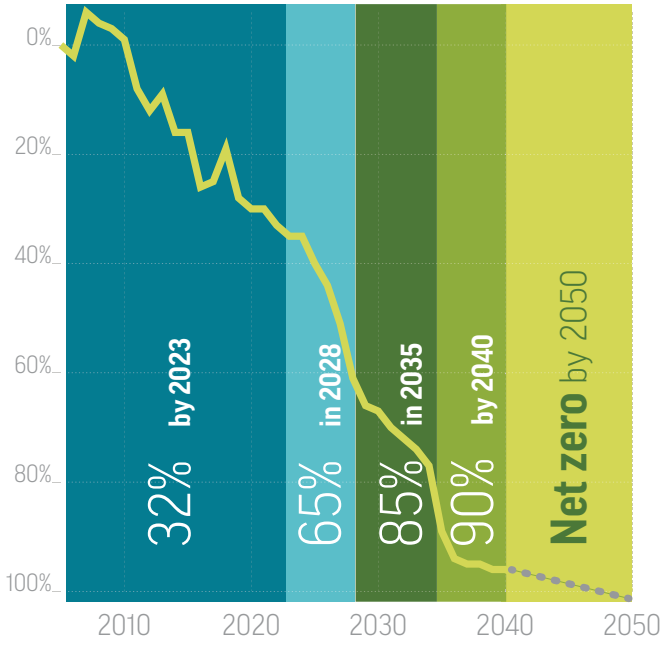
- 4,100 MW
coal plant retirements

Moves the retirement of coal as a fuel source at Belle River Power Plant from 2028 to 2026. Starts the phased retirement approach of the Monroe Power Plant with two units retiring in 2028, nearly 12 years ahead of plan. The last two units will retire in 2035, nearly five years earlier than planned

1,300 MW
coal to natural gas

Repurposes existing infrastructure at the Belle River Power Plant by converting its fuel source from coal to natural gas

CO_2 Reductions



DTE Electric's carbon related goals are for CO_2 emissions from its electric generating units

Proposed generation mix (2005-2042, MWh%)