



2022 DTE Electric Integrated Resource Plan (IRP)

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

DTE listened to our customers and collaborated with 21 organizations from across Michigan to build a comprehensive plan that meets the energy needs of our 2.3 million customers over the next 20 years (2023-2042)

\$110 million
to support the
Company's
most vulnerable
customers

**Supports
employees and
communities
through
transition**

80%
carbon-free energy
and storage by
2042

Our plan:

- **Generates reliable electricity through a balanced and diverse mix of cleaner energy sources.**
- **Accelerates previous CO₂ interim reduction goals, targeting a 65% in 2028, 85% in 2032 and 90% by 2040 – all driving to our goal of net zero by 2050.**
- **Ends DTE's use of coal in 2032 with a responsible, phased coal retirement schedule of the Belle River and Monroe power plants.**
- **Develops enough Michigan-made solar and wind energy to power approximately 4 million homes and more than doubles the current energy storage capacity.**
- **Invests over \$11 billion into the clean energy transition over the next 10 years, supporting more than 32,000 jobs in Michigan.**
- **Reduces the cost of the clean energy transition by a projected \$2.5 billion¹.**

The CleanVision IRP requires approval by the Michigan Public Service Commission. Learn more at dtecleanenergy.com.

¹ \$1.1 billion from 2019 plan and nearly \$1.4 billion from the proposed 2022 plan related to regulatory asset treatment related to the net book value of Monroe and Belle River Power Plant



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



1,830 MW Of storage by 2042

2023-2032: 780 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



2%

Energy waste reduction

Continues to focus on customer programs by targeting 2.0% energy savings level from energy efficiency through 2027.



- 4,100 MW Coal plant retirements

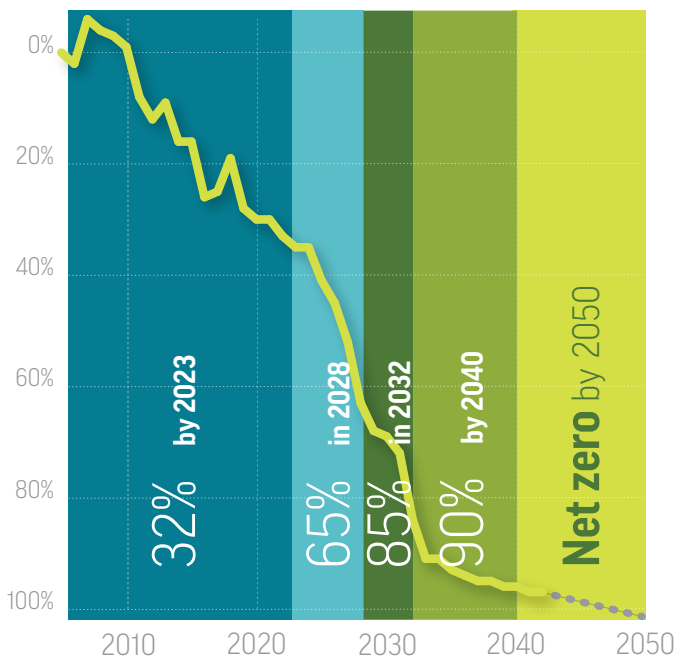
Moves the retirement of coal as a fuel source at Belle River Power Plant from 2028 to 2026. Starts the phased retirement approach of the Monroe Power Plant with two units retiring in 2028, nearly 12 years ahead of plan. The last two units will retire in 2032, nearly eight years earlier than planned.



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 in 2025 and 2026.

CO₂ Reductions



DTE Electric's carbon related goals are for CO₂ emissions from its electric generating units

Proposed Generation Mix (2005-2042, MWh%)

