

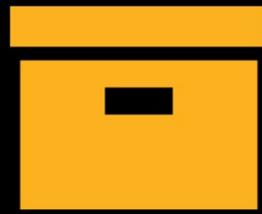
# DTE Community Engagement Session

November 12, 2025

# Agenda

- Welcome and meeting goals
- Discussion norms and help resources overview
- DTE grounding presentations
- Small group feedback sessions
- Conclusion

# Resources



Comment Cards



I Can Help  
Desk



Frequently  
Requested  
Resources Handout

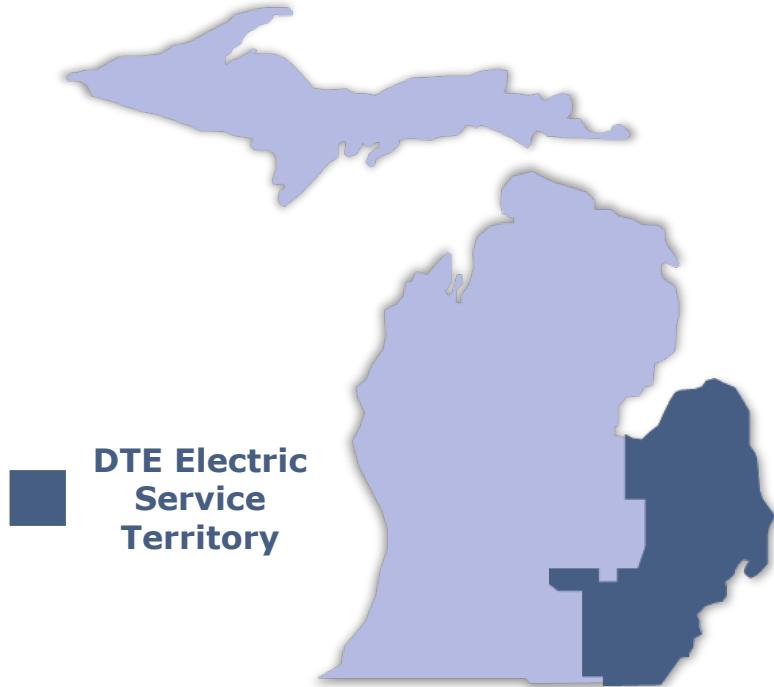


# A Look at Our Energy System and Planning Processes

Grounding Presentation

November 12, 2025

# DTE Electric



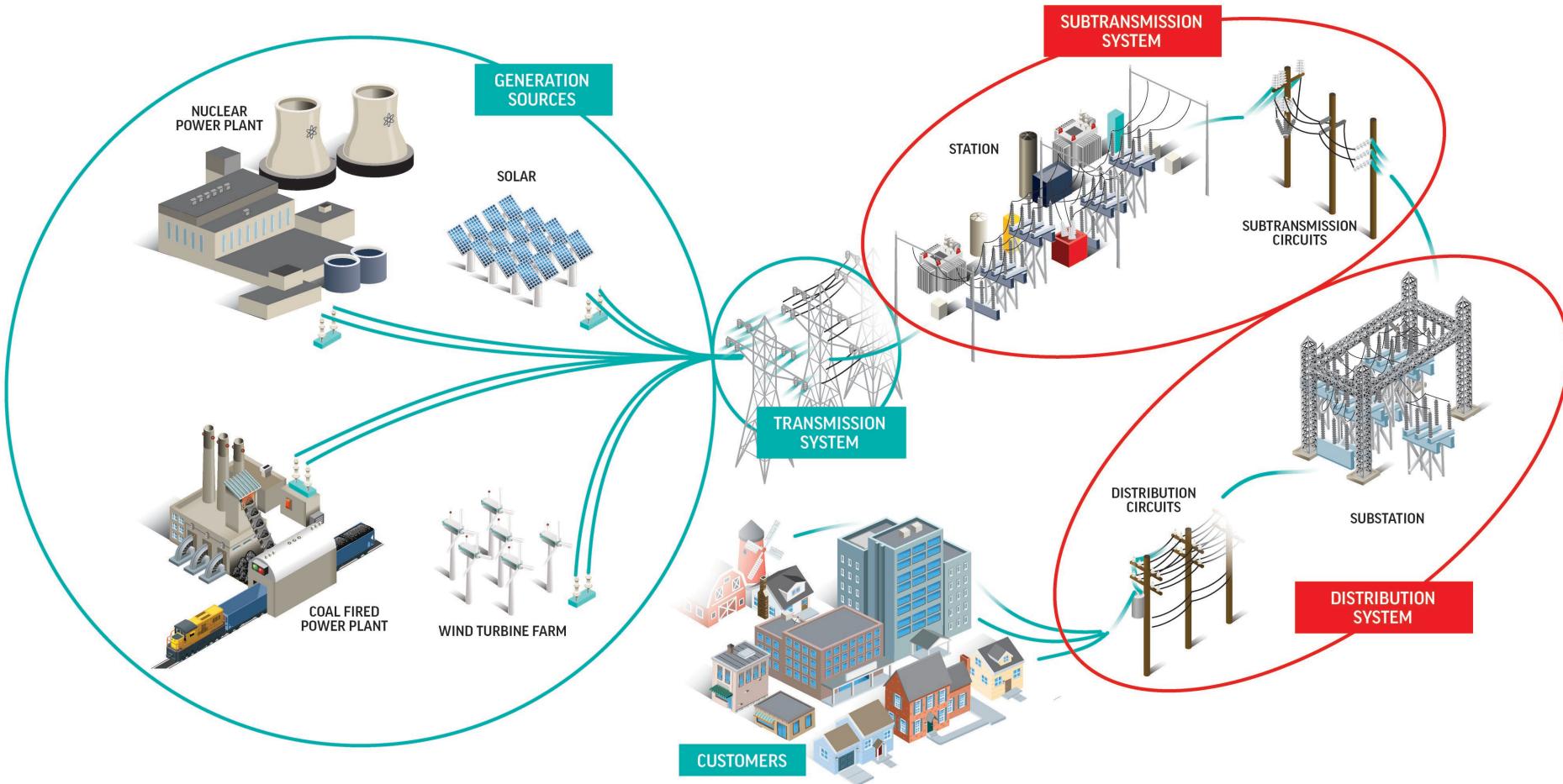
- Founded in 1903
- Own and operate generation and distribution assets
- Serving 2.3 million customers in southeast Michigan
- Nearly 10,000 employees
- In 2024:
  - Spent \$3.3 billion with local Michigan businesses
  - Contributed ~63,000 volunteer hours

**Now let's walk through the energy system to understand electricity's journey from being generated to distributed to your home or business**

# The Electric System



# The electric system follows a multi-step process from **generation** to **distribution**



# DTE uses planning tools for generation and distribution

STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the Application of  
DTE ELECTRIC COMPANY for  
approval of its Integrated Resource Plan  
pursuant to MCL 460.6t, and for other relief

Case No. U-21193

**APPLICATION**

DTE Electric Company ("DTE Electric" or the "Company") respectfully requests that the Michigan Public Service Commission ("MPSC" or the "Commission") issue an order approving the Company's Integrated Resource Plan ("IRP") pursuant to Section 6t of 2006 PA 341, MCL 460.6t, the Commission's September 24, 2021 and February 18, 2021 orders in Case No. U-20633, February 18, 2021 and December 20, 2017 orders in Case No. U-18461, November 21, 2017 order in Case No. U-18418, and all other applicable law. In support of this Application, DTE Electric states as follows:

**I. INTRODUCTION**

1. DTE Electric is a wholly owned subsidiary of DTE Energy that supplies retail electric service to customers located in Michigan. The Company's business address is One Energy Plaza, Detroit, Michigan, 48226. Any correspondence concerning this application shall be directed to its attorneys at their business address provided below.

2. DTE Electric's retail electric business is subject to the jurisdiction of the Commission pursuant to various provisions of 1909 PA 106, as amended, MCL 460.551, *et seq.*, 1919 PA 419, as amended, MCL 460.54, *et seq.*, 1939 PA 3, as amended, MCL 460.1, *et seq.*, including 2016 PA 341 ("the Act"). Pursuant to these statutory provisions, the Commission has the power and jurisdiction to regulate DTE Electric's retail electric rates.

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## 2022 CleanVision Integrated Resource Plan

## DTE Electric Company



**2023 Distribution Grid Plan**  
September 29, 2023  
MPSC Case No. U-20147

**DTE**

## 2023 Distribution Grid Plan<sup>1</sup>

Our generation and distribution planning processes are guided by the following objectives



**SAFE:**

**Public and employees are kept free from injury; meet all State and Federal requirements**



**RELIABLE AND RESILIENT:**

**Minimal equipment outages and disruptions to customers**



**AFFORDABLE:**

**Cost-effective service provided to all customers**



**CUSTOMER ACCESSIBILITY AND COMMUNITY FOCUS:**

**Flexible energy options available to all customers; timely two-way communication with customers and stakeholders in all communities**



**CLEAN:**

**Operate in an environmentally sustainable manner and achieve low carbon aspirations enabling a decarbonized economy in Michigan**

Today's  
focus

# DTE has a diverse portfolio of generation assets capable of producing more than 12,000 MW



## DTE Electric's generation resources include:

- 34 Solar Farms
- 20 Wind Parks
- Ludington Pumped Storage<sup>1</sup>
- Slocum Battery Energy Storage System
- Blue Water Energy Center (natural gas-fired)
- Belle River Power Plant (coal-fired plant that is being converted to natural gas)
- Fermi 2 Nuclear Power Plant
- Monroe Power Plant (coal-fired)

An **Integrated Resource Plan** (IRP) is how we plan to meet customer's future electricity needs

### Definition



- An Integrated Resource Plan (IRP) is a comprehensive plan to meet customers' electricity needs for the next 5, 10 and 15 years

### Requirements



- Utilities are required by Michigan law to file an IRP at least every 5 years<sup>1</sup>

### Review Process



- The Michigan Public Service Commission (MPSC) Staff and other stakeholders review the proposal through a nearly year-long, formal process
- The Commission reviews and approves final plan

# Our generation mix is dramatically changing under our current CleanVision Integrated Resource Plan

## 2022 Plan Summary (2023-2042)

 15,400 MW  
of renewables

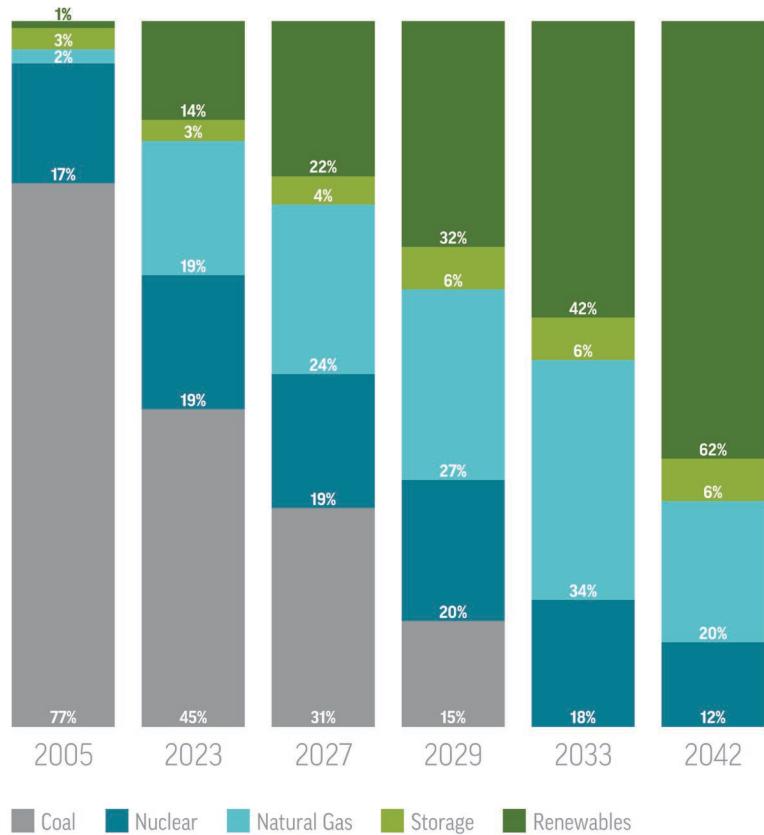
 1,830 MW  
of storage

 1,300 MW  
Coal to natural gas

 - 4,100 MW  
Coal plant retirements

 2%  
Energy waste reduction  
(2023-2027)

## Proposed Generation Mix (2005-2042, MWh%)



An IRP is developed through evaluating customer needs and how to meet those needs reliably while balancing affordability as we continue to decarbonize

## Customer Needs = Existing Resources + New Alternatives

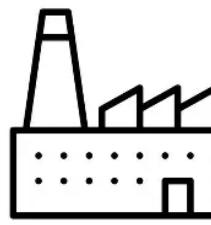
5, 10, 15 years from now



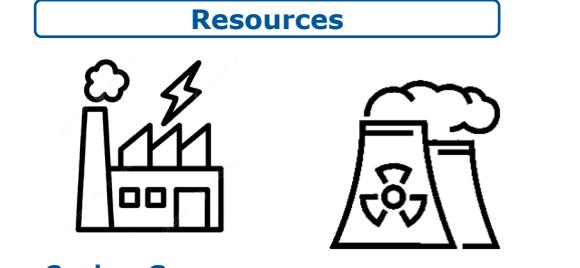
Residential



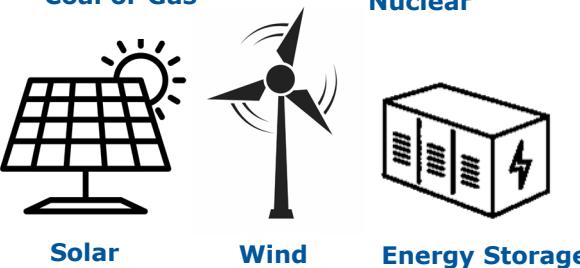
Commercial



Industrial



Resources

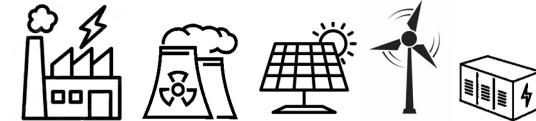


Energy Demand Management

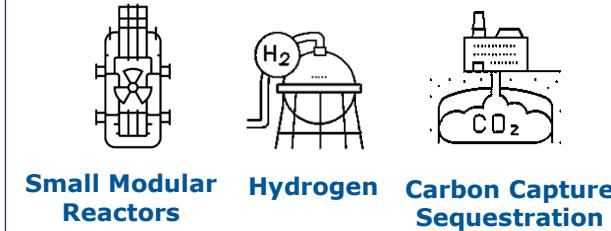


Examples:

Build, convert or retire



Emerging Technologies



Small Modular Reactors

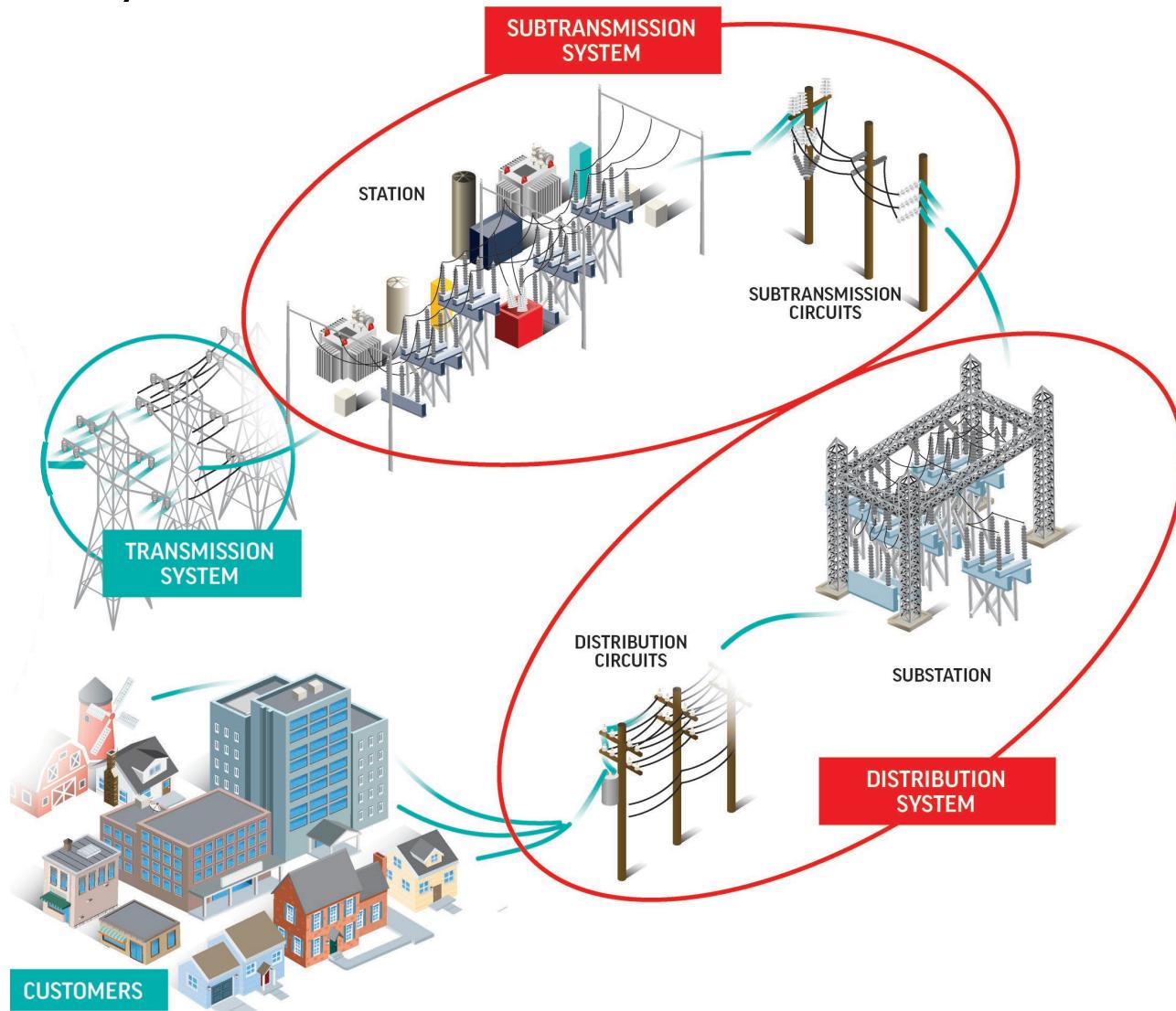
Hydrogen

Carbon Capture Sequestration

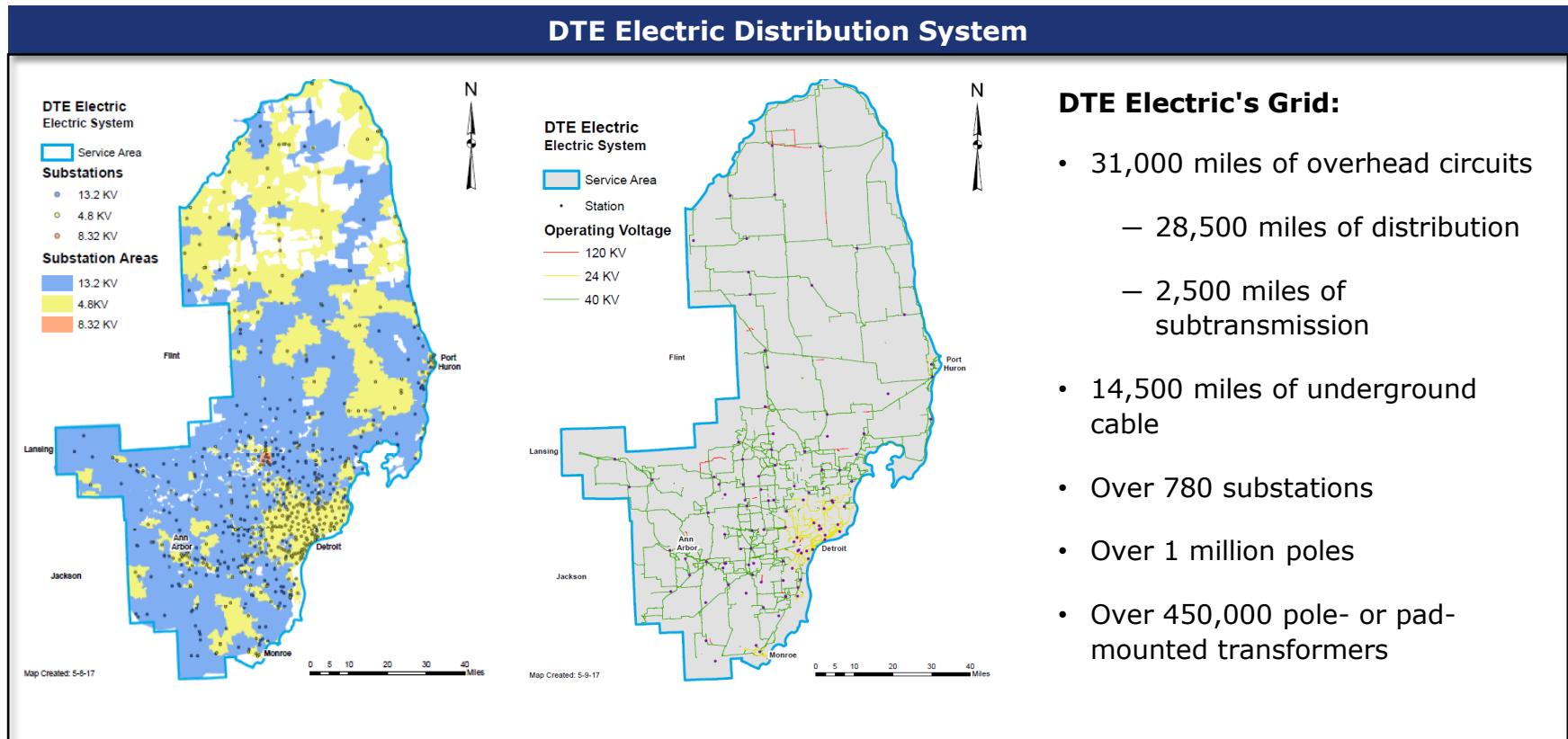
Energy Demand Management



Stations, sub-transmission lines, substations and overhead and underground distribution lines make up the power distribution system



# DTE's electric grid is vast and serves over 2.3 million electric customers



# A **Distribution System Plan** (DSP) is a strategic roadmap to upgrade and manage the grid

## Definition



- The Distribution System Plan (DSP) details a five-year investment plan as well as an extended (10-15 year) outlook from the date of filing<sup>1</sup>

## Requirements



- Per guidelines, a utility must file a DSP every three years (or as otherwise ordered by the Commission)<sup>2</sup>

## Review Process



- The process allows the Commission and other interested parties an opportunity to fully evaluate significant and necessary investments<sup>3</sup>
- Investments proposed in the DSP must align with future rate proposals<sup>4</sup>

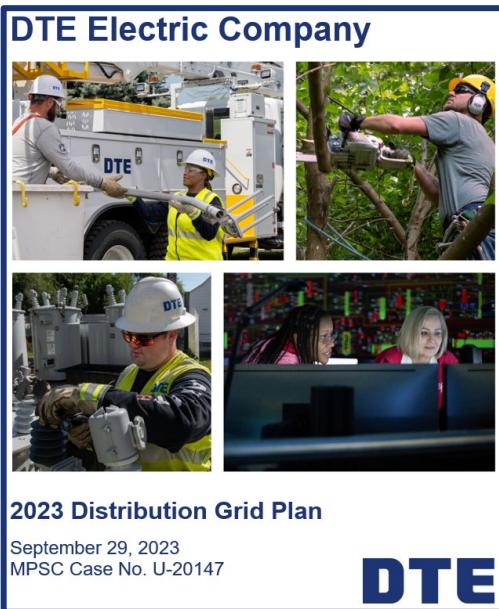
1. September 11, 2019, Order in MPSC Case No. U-20147, pp. 4-5

2. July 10, 2025, Order in MPSC Case No. U-20147, Exhibit A

3. September 8, 2022, Order in MPSC Case No. U-20147, p. 66

4. July 10, 2025, Order in MPSC Case No. U-20147, pp. 20-21

# We will file the next DSP – our fourth to date – by June 30



- In 2016, the Commission directed DTE, Consumers and other utilities to develop a five-year distribution investment and maintenance plan
  - DTE filed plans in 2018, 2021, and 2023
  - The 2021 plan was the first to contain a 15-year view of the grid and a 5-year review of investment
- The Commission has directed DTE to file the next iteration of the DSP (previously known as the Distribution Grid Plan, or DGP) by June 30, 2026

The goal of our 4-point plan is to reduce power outages by 30% and cut outage durations in half by 2029

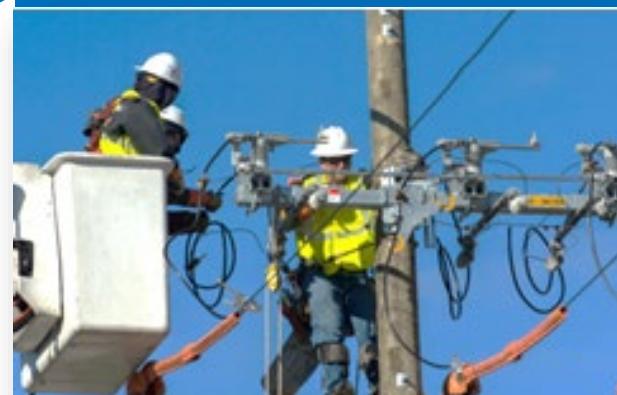
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### TRANSITIONING TO A SMART GRID



2

### UPDATING EXISTING INFRASTRUCTURE



3

### REBUILDING SIGNIFICANT PORTIONS OF THE GRID

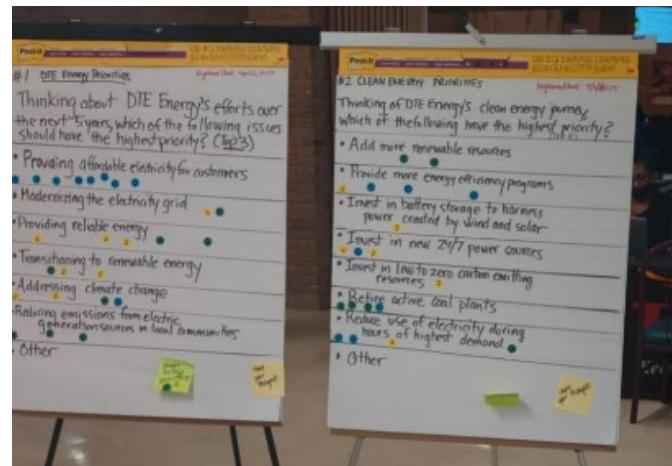
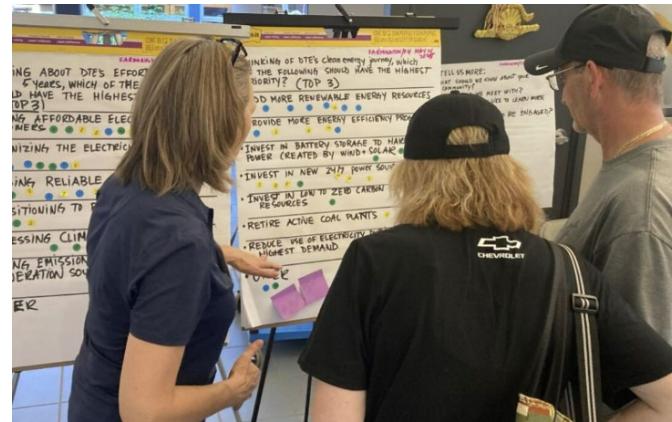
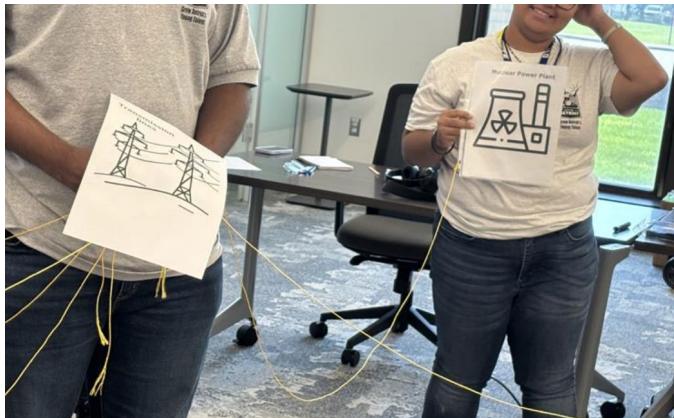


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### TRIMMING TREES



# *Customer Accessibility and Community Focus is a planning objective for both the IRP and DSP*



# Breakout Discussions

# Thank you for your time and feedback!

## Next Steps

DTE will:

- Continue with community conversations
- Share summary of the feedback received from these sessions
- Answer any outstanding questions
- File the Integrated Resource Plan before the end of 2026
- File Distribution System Plan by June 30, 2026
- Include in final IRP & DSP filings how the feedback was considered

Participants can:

- Continue to learn more by visiting **dtecleanenergy.com**
- Complete comment card
- Provide additional feedback by emailing:
  - *IRP*: dte\_electric\_cleanvision@dteenergy.com
  - *DSP*: DTE.DSP@dteenergy.com



# Feedback Focus Topics

- **Reliable and Resilient**

Minimal equipment outages and disruptions to customers

- **Affordable**

Cost effective service provided to all customers

- **Clean**

Operate in an environmentally sustainable manner and achieve low carbon aspirations enabling a decarbonized economy in Michigan

## Small Group Discussion Norms

- Listen for understanding
- Make space/take space
- Ask questions
  - Share perspectives and ideas
- Practice both/and thinking
- Address the idea and not the person

# Small Group Discussion

Three rounds of discussion:

- Individual reflection (five min)
  - Record ideas on  $\frac{1}{2}$  sheets of paper
- Small group discussion (10 min)
  - PSC staff will record ideas on the flip charts
- Final round: Sticky dot voting (three min)
  - Each individual places a sticky dot next to the idea that is most important to them

# Discussion Questions



## **Reliable:**

**What does reliable electricity look like for your community, and what should DTE consider for the future?**

## **Clean:**

**What does clean energy look like for your community, and how should DTE support it?**

## **Affordable:**

**How should DTE balance affordability with reliability and cleaner energy as it plans for the future?**