

# HELIX – HIPLÉ / HELIX SUBSTATION



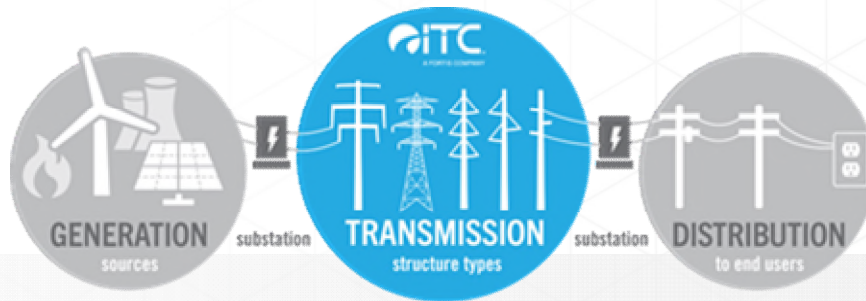
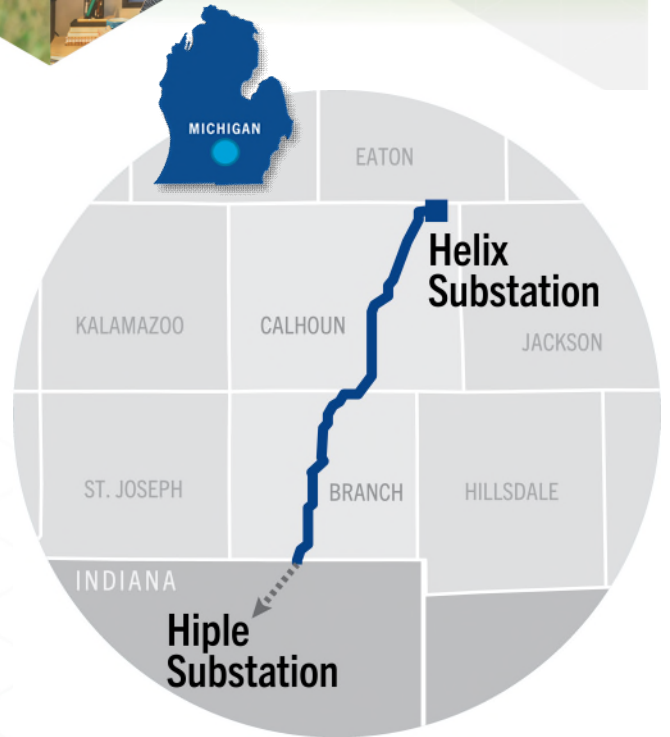
## PROJECT OVERVIEW

ITC Michigan is committed to serving customers and communities by providing safe, secure, reliable electricity transmission service to meet their needs. This project is part of Tranche 1 of the overall Long-Range Transmission Plan (LRTP) explained in more detail on the reverse.

ITC will be making infrastructure improvements by building the Michigan portion of the new Helix-Hiple transmission line, spanning approximately 50 miles from the Michigan/Indiana border in Branch County to the new Helix Substation in Calhoun County.

This will be the first new interstate connection to Michigan's transmission system in nearly 50 years.

Construction is scheduled to begin on Helix Substation Q4 2025 and be completed Q3 2026. Transmission line construction will start Q1 2029 and be completed Q4 2030.



## ABOUT ITC

ITC Holdings Corp., through its subsidiaries ITC *Transmission* and Michigan Electric Transmission Company, LLC (METC), owns and maintains more than 8,700 circuit miles of high-voltage electric lines and 367 transmission substations throughout Michigan's Lower Peninsula. As the nation's largest independent electric transmission company, ITC focuses solely on electric transmission to enhance reliability, relieve electric transmission congestion and connect all energy resources, including renewables, to customers in a non-discriminatory manner. ITC has been making significant investments in Michigan's transmission grid to improve reliability, safety and efficiency and lower the overall cost of delivered energy.



**FOR THE GREATER GRID.**

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# MICHIGAN'S LONG-RANGE TRANSMISSION PLANNING (LRTP)

## ABOUT MICHIGAN'S LONG-RANGE TRANSMISSION PLANNING

Approximately 50 miles of new 345 kilovolt (kV) transmission line will be constructed from the Michigan/Indiana border in Branch County to a new ITC Helix Substation in Calhoun County. This will be the first new interstate connection to Michigan's transmission system in nearly 50 years. Approximately 40 miles of new 345kV transmission line will be built from Oneida Substation in Oneida Township to Nelson Road Substation in New Haven Township.

With an estimated investment of \$850 million, these Michigan projects are strategically engineered to improve grid reliability and resiliency, reduce system congestion, support the state's economic development efforts and enable an electrified economy, as our state continues its transition towards a lower carbon and renewable energy future.

## BENEFITS OF LRTP

These projects are critical to ensure the integration of new generating resources is done in a manner that increases resiliency, improves reliability, and delivers wide-spread economic benefits as power producers transition to a generation fleet composed of clean, renewable energy supporting an electrified economy. Benefits include:

- **Reduced system congestion and increased customer savings** – LRTP Tranche 1 projects will decrease congestion and allow more low-cost resources to be integrated, replacing higher-cost resources, lowering the overall cost to serve load.
- **Avoided capital costs of local resource investments** – LRTP Tranche 1 projects will increase regional transfer capability, which will result in an optimized balance of local resource investment and regional transmission capacity.
- **Avoided transmission investment** – MISO LRTP projects will increase regional transmission capacity and preempt the need for reliability expansion projects and upgrades in the future.
- **Improved reliability and resilience** – The portfolio will enhance grid reliability and provide more system resilience during increasingly frequent and severe weather events.
- **Help meet decarbonization goals** – The renewable generation sources enabled by the LRTP portfolio will help accomplish the decarbonization goals set by states, corporations and other external stakeholders.



## WHAT IS LRTP?

In 2022, the **Midcontinent Independent System Operator (MISO)** initiated a project known as **Long-Range Transmission Planning (LRTP)**. As an independent, non-profit Regional Transmission Organization (RTO), MISO acts as an “air traffic controller” for the regional grid with the mission of working collaboratively with electricity stakeholders across 15 US states and the Canadian Province of Manitoba. 45 million people depend on MISO to generate and transmit the right amount of electricity every minute of every day – reliably, dependably and cost-effectively.

MISO's LRTP is a group of four planned phases, or tranches, with Tranche 1 representing a \$10.3 billion investment of 18 transmission projects in MISO's Midwest Subregion and includes projects in Michigan. Overall, the LRTP project is the largest portfolio of long-range transmission projects in RTO history, providing a roadmap for future transmission investment across the MISO footprint.