

# WORKING FOR THE GREATER GRID

## YOUR HIGH-VOLTAGE POWER GRID

ITC Transmission owns, operates and maintains power transmission infrastructure serving southeast Michigan. Together with Michigan Electric Transmission Company (METC), which serves most of the rest of the Lower Peninsula, the two utilities are known as ITC Michigan. They are subsidiaries of ITC Holdings Corp., the largest independent electricity transmission company in the U.S. with operations in seven states.

ITC connects a variety of customers at transmission-level voltages. These include large generation and distribution utilities, municipal utility systems, rural electric utility cooperatives, and large commercial and industrial customers which require high-voltage electricity.

## TRANSMISSION AT CENTER OF POWER DELIVERY

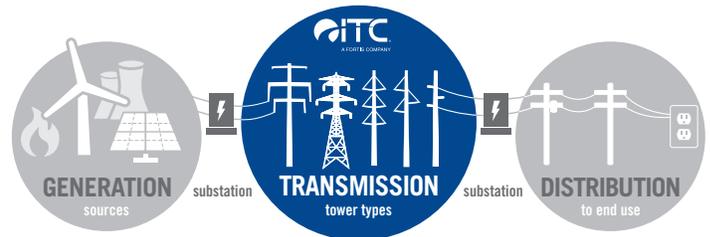
Power flows to people through a three-part system: from power plants and other sources where electricity is generated; through transmission lines that carry the power at high voltages over long distances; and finally, into smaller, local wires known as distribution lines that bring electricity into our homes and other buildings. At ITC, we build, operate and maintain the high-voltage transmission infrastructure that holds this three-part system together, moving power from where it's generated to where it's needed – acting much like the country's network of highways.

## QUICK FACTS

- Established 2003
- Headquartered in Novi, Michigan
- Business unit lead: Simon Whitelocke, President, ITC Michigan
- Square miles of service territory: ~7,600
- Transmission circuit miles: ~ 3,100
- Transmission towers and poles: ~18,700
- Voltage levels: 120 kV to 345 kV
- System peak load: 12,745 MW
- Stations and substations with ITC assets: 182
- Capital investments: ~\$2.9 billion since 2003
- Member, Midcontinent Independent System Operator (MISO)
- ITC Transmission has reduced the average number of outages on its system by 50% since ITC acquired the system in 2003. This improvement in system reliability track with ITC's continuing grid investments and targeted capital and maintenance programs.



*ITC's investments in power transmission infrastructure lower electricity costs, improve service reliability and safety, and increase economic activity and tax revenues for customers, stakeholders and communities.*



*Our company's sole focus on electricity transmission (we don't own generating plants or purchase or sell electricity in the energy markets) gives us a unique, neutral view of the electric grid and its current and future needs. We are actively involved in planning an integrated energy network to serve our customers, communities and the greater grid.*

## KEY PROJECTS

- **Nitro Substation** – A new substation in Northville Twp. connecting to the Baltic-Coventry 120 kV transmission line. ITC will rebuild approximately 1.5 miles of the line with new double-circuit monopoles and construct approximately 1 mile of new transmission line. Construction is expected to begin in second quarter 2021.
- **Carrigan Substation** – A new substation in Clyde Township connecting to the Lee-Menlo and Wabash-Yuma 120 kV transmission lines. Completed third quarter 2019.
- **Apex-Phoenix** – A new 3-mile, 120 kV underground line that is supporting service reliability in the Ann Arbor area. Completed second quarter 2019.
- **Mercury Substation** – A new substation and underground line in Dearborn. Completed first quarter 2018.
- **The Thumb Loop** – A 140-mile, 345 kV line tracing Michigan's Thumb region, with four new substations. Phase 1 entered service in 2013, phase 2 in 2014, and the remainder entered service in May 2015. It serves as the backbone of a system designed to meet the identified maximum wind energy potential of the Thumb region while being an important link in the high-voltage transmission system in Michigan and the region.