

ITC GREAT PLAINS

# WORKING FOR THE GREATER GRID

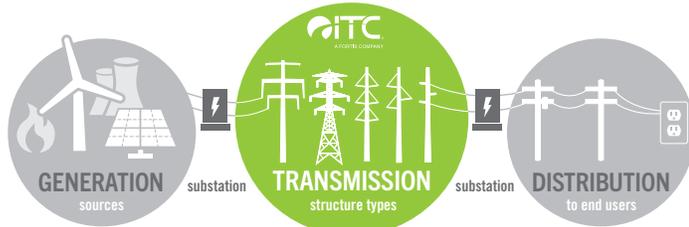
@ITCHoldingsCorp  
 @ITCGrid  
 ITC Holdings Corp

## YOUR HIGH-VOLTAGE POWER GRID

ITC Great Plains operates power transmission infrastructure serving parts of Kansas and Oklahoma. As a transmission-only utility operating in the Southwest Power Pool (SPP) region, ITC Great Plains has the authority to construct, own, operate and maintain regulated, high-voltage power transmission systems. ITC Great Plains is a subsidiary 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 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.



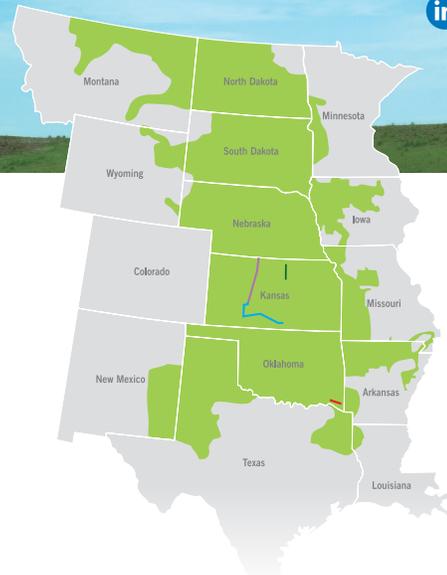
*Our company's sole focus on electricity transmission (we don't own generating plants or purchase or sell electricity in the energy markets) gives us a unique, neutral view of the electric grid and its current and future needs. We are actively involved in planning an integrated energy network to serve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

## QUICK FACTS

- Established 2006
- Regional offices in Dodge City, Topeka and Wichita, Kansas, and Oklahoma City, Oklahoma
- Business unit lead: Brett Leopold, President, ITC Great Plains
- Transmission circuit miles: ~470
- Transmission structures: ~2,120
- Voltage levels: 345 kV, 230 kV, 138 kV
- Substations with ITC assets: 9
- Capital investments: ~\$585 million since 2009
- Member, Southwest Power Pool (SPP)



**FOR THE GREATER GRID**



SPP  
ITC Great Plains Transmission Systems:  
KETA Project  
Kansas V-Plan  
Hugo to Valliant  
Elm Creek to Summit

*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.*

## KEY PROJECTS

- **Elm Creek–Summit** – a 60-mile, 345 kV transmission line in central Kansas connecting ITC's Elm Creek substation in Cloud County to Westar Energy's Summit substation near Salina, Kansas. The project improves the reliability and efficiency of the grid and reduces congestion across the transmission network. ITC's portion of the line, which is co-owned with Mid-Kansas Electric Company, LLC, spans about 30 miles along the northern section of the project. Completed fourth quarter 2016.
- **Kansas V-Plan** – a 200-mile, 345 kV transmission line linking Spearville and Wichita, connecting eastern and western Kansas to improve electric reliability and enable energy developers to tap into the transmission grid, further establishing a competitive energy market in the state. ITC's portion of the double-circuit line spans 122 miles, or 244 circuit miles. Completed fourth quarter 2014.
- **KETA Project** – a 345 kV transmission line promoted by the Kansas Electric Transmission Authority (KETA) to improve the reliability and efficiency of the regional grid and make more affordable energy available. It runs 225 miles from Spearville, Kansas to Axtell, Nebraska. ITC's portion of the line spans 174 miles. Completed fourth quarter 2012.
- **Hugo–Valliant** – an 18-mile, 345 kV transmission line and substation in southeastern Oklahoma implemented to reduce system congestion, provide more efficient and cost-effective transmission of energy and increase access to a broader range of generation resources. Completed second quarter 2012.

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