

MORGAN VALLEY – TWINKLE 345 KV TRANSMISSION LINE PROJECT

CONSTRUCTION IS BEGINNING IN TAMA COUNTY



MAY 2026

ITC Midwest is beginning construction to build a new 345,000 volt (345 kV) electric transmission line known as the Morgan Valley-Twinkle project in Tama County. Construction began near Keystone in Benton County early this year, and will progress westward toward Marshall County over the next few months. The line will also extend eastward into Linn County.

The existing 161,000 volt (161 kV) line is currently being removed in Tama County. New structures will be built to accommodate the doubled circuited (two circuits on each new structure) 345 kV/161 kV line. We're providing this update to keep you informed of our plans and to ensure you have our contact information should you have any questions or concerns.

WE PRIORITIZE COMMUNICATION WITH LANDOWNERS

ITC Midwest is committed to respectful communication with landowners during line construction. If access to your property is needed, an ITC Midwest representative will contact you beforehand to discuss preferences and gather important details. Crews may need to access your property multiple times during the project.

We understand construction may impact your property. Restoration will begin once work is complete and equipment access is no longer needed. An ITC Midwest representative will contact you at that time to review and settle any remaining damage that may have occurred to your crops or property. For questions, contact Senior Real Estate Specialist Tony Miller at (319) 297-6820.

Thank you for your cooperation in helping deliver reliable, cost-effective energy across the region. We look forward to working with you in the months ahead.

PROJECT CONTACTS

Please contact our project leads with us with any questions about this project.



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FOR THE GREATER GRID.

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WHY IS THIS LINE NEEDED?

Responding to the needs of the changing energy landscape, the Midcontinent Independent System Operator – MISO – the grid planning organization for our region, has devoted several years of intensive, collaborative effort to develop a Long-Range Transmission Plan – known as LRTP – to build needed high-voltage transmission infrastructure across the region. ITC Midwest was actively involved with this process and advocated for the LRTP projects.

One segment of the LRTP portfolio is the proposed Morgan Valley-Twinkle project, which will provide numerous benefits and drive value for electric consumers locally and regionally, including:



INCREASED TRANSMISSION INFRASTRUCTURE TO IMPROVE SYSTEM RELIABILITY



ENHANCED GRID RESILIENCE TO BETTER WITHSTAND EXTREME WEATHER



EXPAND ACCESS TO GENERATION RESOURCES FOR ELECTRIC CONSUMERS BY REDUCING TRANSMISSION SYSTEM CONGESTION



IMPROVE DISTRIBUTION OF LOWER-COST ENERGY RESOURCES, INCLUDING RENEWABLES

**NOVEMBER
2025**

PRE-CONSTRUCTION
Vegetation management and preparing the site began

**JANUARY
2026**

CONSTRUCTION BEGINS
Construction began on the project in Benton County

**OCTOBER
2027**

CONSTRUCTION COMPLETE
Construction is estimated to be completed on the project

**DECEMBER
2027**

RESTORATION
Land agents will work to restore land to its original condition

LINE CONSTRUCTION OVERVIEW

ITC Midwest is upgrading a 61.5-mile electric transmission line through eastern Marshall, Tama, Benton, and southwestern Linn counties. The line runs from the planned Twinkle Substation in Marshalltown to the Morgan Valley Substation near Fairfax. On the western segment, existing 161 kV structures will be replaced with double-circuited structures carrying both 345 kV and 161 kV lines. On the eastern segment, a 115 kV line has been retired and will be replaced with a new 345 kV line. Along a portion of the route in Linn County, an existing 345 kV line will be replaced with double-circuited structures carrying both the existing and new 345 kV lines along the existing route into the Morgan Valley Substation. During construction, steel monopoles will be built on engineered foundations.



FOR THE GREATER GRID

FOR THE LATEST UPDATES, PLEASE SEE THE PROJECT WEBSITE: WWW.MORGANVALLEY-TWINKLE.COM

