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Capital Project Profile: J301 Generator Interconnection



As Michigan continues to transition to a cleaner portfolio of power generation resources, additional transmission capacity will be needed to promote the continued reliability of the bulk power system and support the interconnection of new generation resources. In the thumb region, more than 1,300 megawatts (MW) of wind generation is currently connected, or under construction to connect, to ITC's Thumb Loop Project, a 140-mile transmission system completed in 2015 that was designed to meet the identified maximum wind energy potential of the region.

The J301 Generator Interconnection Project connects 101 MW of wind generation to a new ITC substation in Fairgrove Twp. Construction began in Q2 2018 and was completed in Q4 2018.

The J301 project is an example of ITC's ongoing commitment to the operational efficiency and reliability of Michigan's high-voltage transmission grid. The company has invested more than \$4 billion in capital project maintenance and transmission infrastructure improvements in Michigan since 2003. These investments are improving the reliability and safety of the transmission infrastructure while ensuring its ability to meet new energy demands.



ITC Holdings Corp., through 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 283 transmission stations and 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.



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