

# MUD LAKE (J758) GENERATOR INTERCONNECTION PROJECT

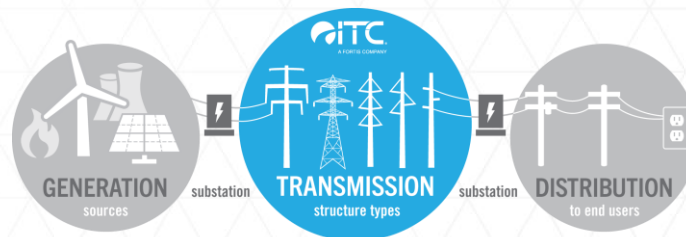
As Michigan continues to transition to a cleaner portfolio of power generation resources, additional transmission capacity will be needed to promote the continued reliability of the bulk power system and support the interconnection of these new resources.

The J758 Generator Interconnection Project connects 200 MW of solar generation to ITC’s Michigan Electric Transmission Company, LLC (METC) system. To support the interconnection, ITC constructed a new five breaker, 138kV substation, named Mud Lake, in Calhoun County. The station loops in two existing circuits: Verona-Marshall and Verona-Foundry. The Verona-Marshall cut-in required .6 miles of new right-of-way. New optical ground wire (OPGW) was installed on this circuit, and the Verona-Foundry circuit, for relay protection. Construction was completed in 2022.



The Mud Lake (J758) Interconnection 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 \$7 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 9,100 circuit miles of high-voltage electric lines and 392 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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