



12/18/2019

ITC INTERCONNECTION (ITCI)

ITC Facilities in PJM

ITC owns and operates PJM network transmission facilities in southwest Michigan:

- 345kV Substation
- 345kV Transmission Line

PJM integration activities completed on June 1, 2016

Also Connects to ITC Owned Facilities in MISO (METC)

Zero Revenue Requirement Assets (No Regulated Rate)





ITCI Planning Criteria (PJM)

- ITCI Uses the Same Planning Criteria as the Michigan MISO Assets (ITCT & METC)
- ITCI Planning Criteria Augments PJM Planning Criteria
- No Changes to Planning Criteria in 2019
- Some ITCI Criteria Differences From PJM Criteria Include:

P1 Contingencies That Include a Prior Shutdown Considered for Shoulder Peak (85% peak load)

P4 Contingencies Considered to be a 2-Phase Fault to Ground

Max/Min Voltages 0.97/1.07 pu for P0 and 0.92/1.07 pu for P1-P7

Some Additional Restrictions on Consequential Load Loss

P2.2 Bus Section Fault Considered to be a 3-Phase Fault to Ground

End of Life Criteria



ITCI – Project Identification

- Annual Michigan planning assessment conducted to identify any system issues and corresponding projects
- Asset management programs to identify and replace equipment that is obsolete, failed, or at an end-of-life condition



ITCI Planning Criteria (PJM)

ITCI Planning Criteria Is Posted on PJM's Webpage:

http://www.pjm.com/~/media/planning/planning-criteria/itc-holdings-planning-criteria.ashx

• ITCI Facility Connection Requirements Is Posted on PJM's Webpage:

http://www.pjm.com/-/media/planning/plan-standards/itci/itc-holdings-facility-connection-requirements.ashx?la=en





