

# Designated Entity Design Standards Task Force



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Transmission Planning  
PJM Planning Committee  
June 8, 2017

- Issue Charge/Problem Statement:
  - Develop minimum engineering design standards, which would take into consideration geography, physical and other local needs (noise level, undergrounding requirements, etc.) of the project. The design standards would apply to projects that are competitively solicited and address the following areas:
    - Transmission Lines
    - Substations
    - System Protection and Control Design and Coordination
  - <http://pjm.com/~media/committees-groups/task-forces/dedstf/postings/20150818-dedstf-issue-charge.ashx>

- Q1 2016 the DEDSTF elected via informal poll to divide into the following three subgroups to focus attention on specific minimum design standards:
  - Transmission Lines
  - Substations
  - System Protection and Control Design and Coordination
- These groups are currently in the process of utilizing existing documentation, M07 and TSS guidelines as a strawman to develop minimum design standards.

- Overhead Transmission Lines
  - Minimum design requirements competed
  - Underground, HVDC – Discussions started at 3/16/2017 meeting, expecting 3-4 months
- Substation
  - Minimum design requirements competed
- Protection
  - Minimum design requirements competed, and fully vetted with Relay Subcommittee

- Standards were developed within sub-groups
- PJM applied formatting and style guidelines to combine sub-group work into a single document
- Document will include all minimum design requirements
- DEDSTF requirements must be followed for all proposals that will require the signing of a Designated Entity Agreement

- MRC Informational topic: April 27, 2017
- PC First Read: May 4, 2017
- **PC Endorsement: June 8, 2017**
  
- Continue work on remaining items (ie Underground, HVDC)
- Updates to DEDSTF charter to reflect biennial review
- Future: Incorporate remaining items upon completion, pending additional PC endorsement

- Please direct all questions to the PJM DEDSTF facilitation team:
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