



# Designated Entity Design Standards Task Force – Underground Lines



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PJM Planning Committee  
October 12<sup>th</sup> 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

- Transmission Lines
  - Overhead Transmission Lines – All work activities completed
  - Underground Lines – First Read October Planning Committee
  - HVDC – Revisit in 1-2 years to re-evaluate need for minimum standards
- Substation
  - Review of HVDC at 10/19/2017 meeting
- Protection
  - All work activities completed

- DEDSTF members developed a set of minimum standards required for proposals that include underground lines
- Standards were developed within Transmission Lines sub-group
- PJM applied formatting and style guidelines to combine sub-group work into a single document
- DEDSTF requirements must be followed for all proposals that will require the signing of a Designated Entity Agreement

- **PC First Read: October 12, 2017**
- **Seek PC Endorsement: November 9, 2017**
  
- Task Force Final Report to Planning Committee
- Updates to DEDSTF charter to reflect biennial review
- Convert Task Force to Subcommittee

- Please direct all questions to the PJM DEDSTF facilitation team:
  - Facilitator: [Michael.Herman@pjm.com](mailto:Michael.Herman@pjm.com)
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