



DEDSTF – Lines Sub Group Progress Report

December 12, 2016

1. Charter

- a. “...establish minimum design standards to assure a minimum level of robustness is provided such that the newly competitively-solicited facility ... would not introduce a weak point in the system in terms of performance.”

2. Scope

- a. Overhead Transmission
 - i. 69kV – 765kV
 - ii. Initial primary focus
- b. Underground Transmission
 - i. 69kV – 500kV
 - ii. Start time TBD once substantial progress has been made on the overhead transmission minimum design standards. Additional U/G transmission SMEs may have to be recruited to supplement the current roster.
- c. Direct Current Transmission
 - i. Voltage range TBD
 - ii. Start time TBD once substantial progress has been made on the underground transmission minimum design standards. Additional DC transmission SMEs may have to be recruited to supplement the current roster.
- d. Gas Insulated Substations (GIS)
 - i. This work will be handled by the Substation sub-task force
- e. Line rating methodology standards are out of scope.



Progress Update Scope A – Overhead Transmission

Steady Progress continues to be made:

- created a solid working draft
- Are between 80 and 90 percent through subcommittee review
- Will solicit comments from respective companies in February, resolve comments in March and April, and release a draft to the PC approximately May 1.

Scopes B & C need to be developed and the sub group has had preliminary discussions regarding the effort for Scope B - underground. We anticipate that we will need DC expertise to assist in Scope C.