

2018 DEEP Sub-Committee Study Plan

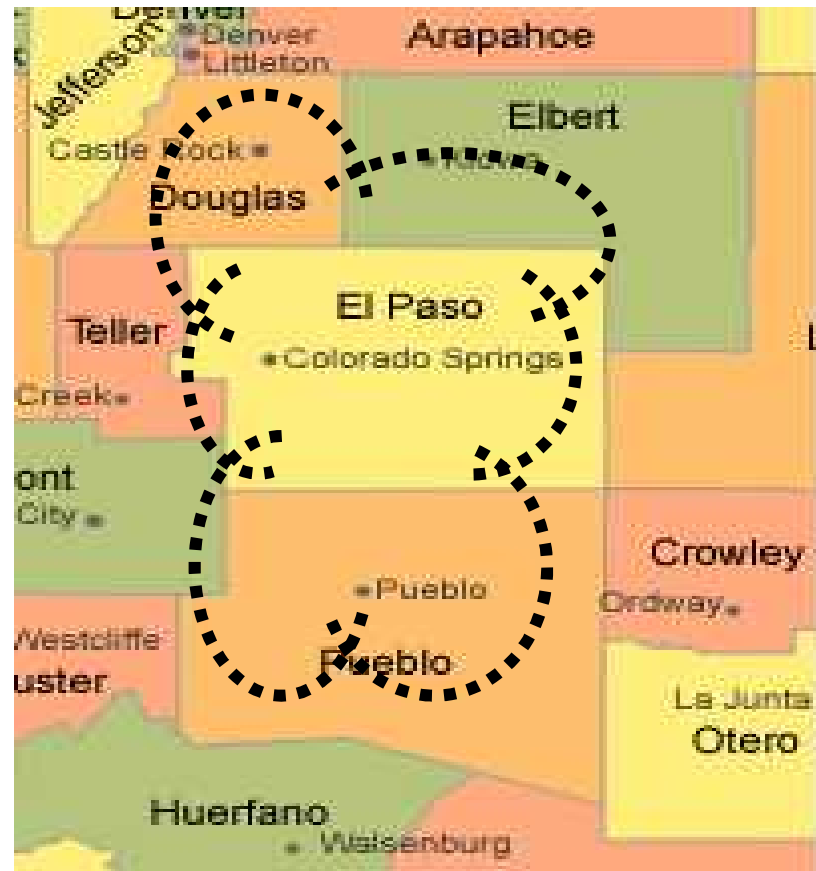
CCPG MEETING 02/08/2018

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DEEP Overview

- Douglas, Elbert, El Paso, & Pueblo counties
- Formed in 2010
- Regular participants include TSGT, PSCo, BHC, WAPA, IREA and CSU
- DEEP SC continues to monitor the region for ongoing concerns or issues




2018 Scope Overview

Objective:

- The objective of the 2018 Study Plan is to study and identify a fix to eliminate unscheduled flow on the Flying Horse / Monument line that results in overloads on the CSU system during contingencies.

Goal:

- The goal is to develop a solid alternative solution to this long-standing problem eliminating the need for the existing Palmer Lake Operating procedure.
 - If other concerns arise in the region, they will be documented and handled in either the Colorado Energy Plan Task Force or possibly the TPL Studies. There may also be a Phase II of the study if deemed necessary by the DEEP SC.
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2018 DEEP Studies Overview

- Base Cases:

- Using same cases required for CCPG TPL WG and WC
- 2028 HS & LSP (Due Feb 16th)
- 2023 HS (Due Feb 23rd)

- Studies:

- DEEP defined as buses greater than 100 kV in zones 700, 704, 712, 752, & 757
 - DEEP N-0, N-1, & credible N-2 steady-state analysis on all cases
 - Plan to use PSCo Variable Energy Resource dispatch assumptions
- Final 2018 report proposed by May 2018



2018 Meetings

- 02/02/18 Scoping Meeting
 - Discussed study plan
 - Decided study cases (2023HS, 2028HS & 2028LSP)
 - Discussed scope, dispatch scenario & contingencies
- 02/22/18 Next Planned Meeting
 - Review base case and preliminary results for 2028HS
- Planned Additional Meetings
 - Every 2-3 weeks through April

Questions

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