

Foothills Planning Group

CCPG Meeting

August 19, 2010

John Collins

Key Transmission Under Construction

- Reinforce weak areas in Foothills system
- Beaver Creek-Hoyt-**Erie 230 kV** Line (TSGT/WAPA)
 - Southern support, in-service May 2011
- Fort St.Vrain-**Fordham 230 kV** Line (PRPA)
 - Southern support, in-service June 2011
- Dixon Creek-**Horseshoe 230 kV** Line (PRPA)
 - Central support, in-service January 2012

Weld 230/115kV Transformer Overloads

- Loss of one TFMR overloads parallel TFMR
 - 145% summer 2010
- Mitigate with manual load shedding
- WAPA/PSCo preferred solution: add TFMR #3
- In-service 2013?

TOT 7

- “South of Ault”
- “One import path into northern metro Denver area”
- Annual operating limit studies
- Replace Weld 230 kV metering CTs on bus tie and Close Ault BKR 2186 to increase transfer capability
 - October
- Ault-Cherokee 230 kV Line
 - Increase TOT 7 transfer capability
 - Possible drivers:
 - Reliability
 - Resource addition
 - SB-100