





Briefing on the

Colorado Coordinated Planning Group's Long Range Transmission Planning Group

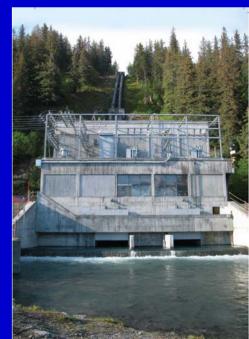


Presented to the

Colorado Clean Energy Development Authority

by Morey Wolfson Utilities Program Manager Governor's Energy Office

April 23, 2008



Colorado Coordinated Planning Group (CCPG)



MISSION STATEMENT:

The CCPG is a joint, high voltage transmission system planning forum for the purpose of assuring a high degree of reliability in the planning, development, and operation of the high voltage transmission system in the Rocky Mountain Region. The CCPG provides the technical forum required to complete reliability assessments, develop joint business opportunities, and accomplish coordinated planning, under the single-system planning concept in the Rocky Mountain Region of the Western Electricity Coordinating Council.

The Colorado Long Range Transmission Planning Study Group (CLRTPG) is a sub-set of the CCPG.

The CLRTPG is currently analyzing the Colorado and Eastern Wyoming high voltage transmission system for two time frames: 2013 and 2018.

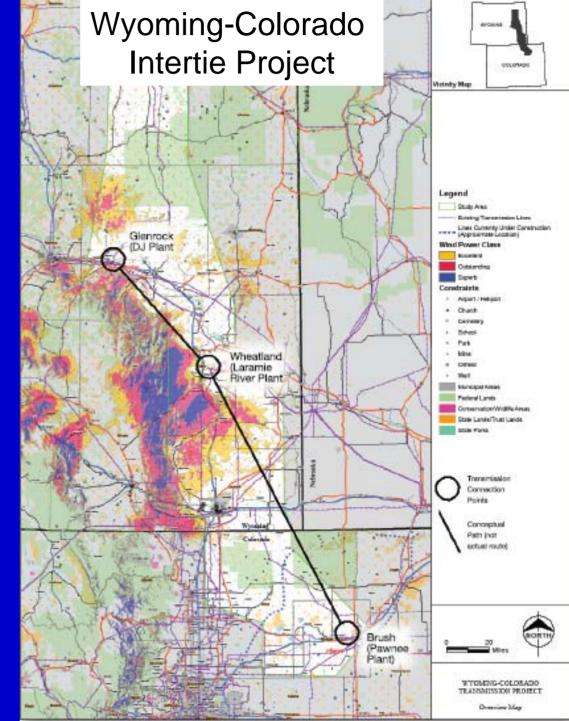
The CLRTPG planning exercise is required pursuant to the 1991 Colorado-Ute bankruptcy agreement.

At present, these **three transmission scenarios** are being modeled for the years 2013 and 2018. Other scenarios are being considered.

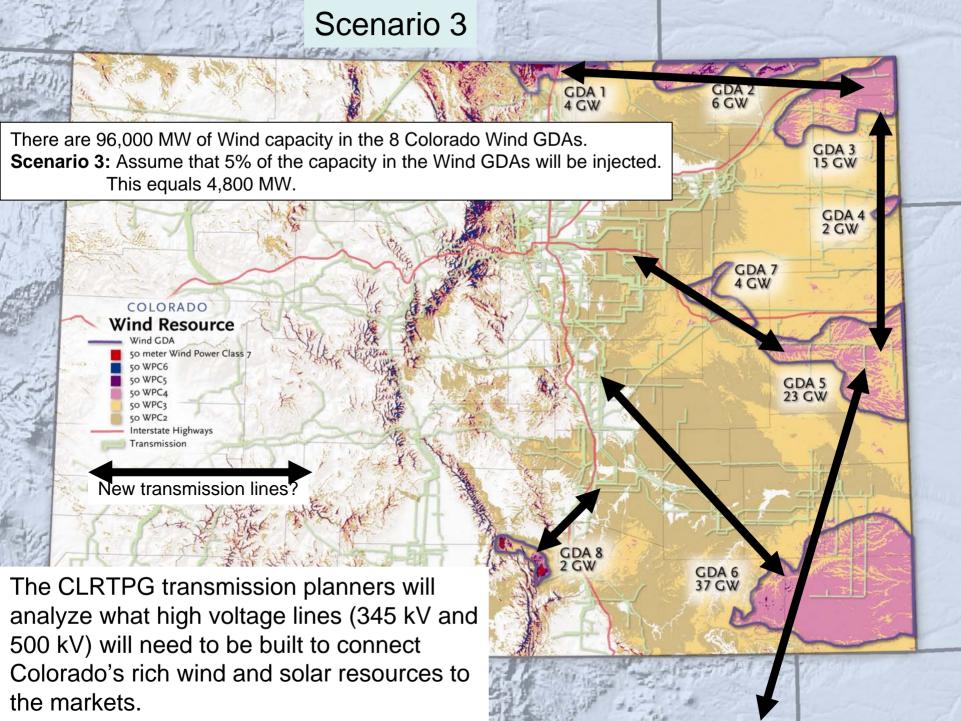
Scenarios:

- 1. Assume that the transmission system accommodates Colorado and Wyoming utilities' loads and resource plans. This includes the minimum requirements contained in Colorado's Renewable Portfolio Standard.
- 2. Assume that significant Wyoming generation resources are injected into the proposed Wyoming-Colorado Intertie Project.
- Assume a Clean Energy scenario where 5% of the capacity in Colorado's Wind GDAs are developed, plus 2000 MW from Colorado's two Central Solar Power GDAs. This would equal ~6,850 MW by 2018.
- 4. TBD A Clean Energy Export scenario.

Scenario 2 assumes that significant Wyoming generation resources are injected into the proposed Wyoming-Colorado Intertie Project.





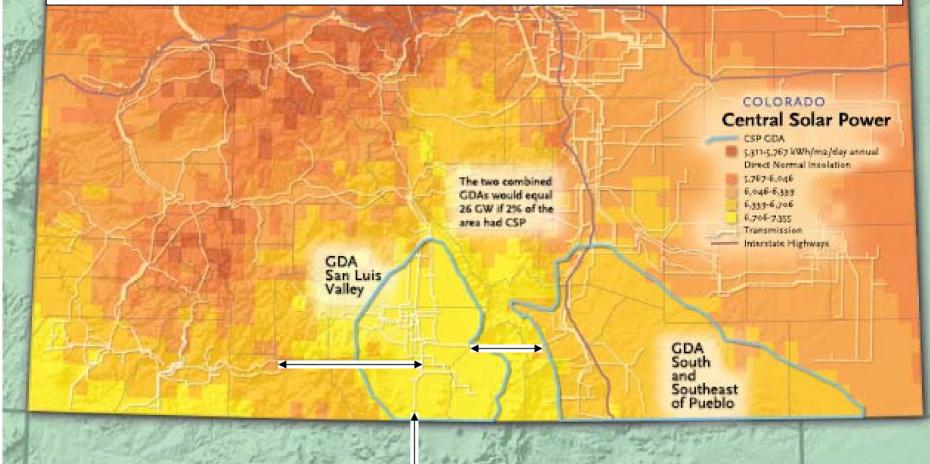


The SB91 report identified 26,000 MW of CSP potential in Colorado's two Solar GDAs (assuming that CSP is put into service on 2% of the GDA land).

GEO request as part of Scenario 3):

Assume that 1,000 MW is injected from the San Luis Valley GDA and 1000 MW is injected from the GDA located south of Pueblo.

To be answered: what transmission options would stem from this scenario?



GDA San Luis Valley Under discussion: What high voltage lines will be required for large-scale CSP development in the San Luis Valley and the solar GDA south of Pueblo?

over LaVeta Pass

to the Four Corners hub?

to New Mexico?

Recommendation to CEDA

Once the transmission study results are completed, anticipated by June, CEDA could consider inviting a representative of the CLRTPG to brief the Board on their results.







Thank You



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