



**Stakeholder Meeting
March 23, 2007
Denver, Colorado**

Welcome

John Collins
Senior Engineer Operations & Planning
Platte River Power Authority

Vision

Doug Jaeger
Vice President, Transmission
Xcel Energy

Vision

Jointly explore opportunities to expand the electric transmission grid in Wyoming, Colorado, New Mexico and Arizona to reliably meet the growing electricity needs by increasing access to renewable and other diverse resources within regional energy resource zones.

Project Summary

- **High-Voltage Transmission from WY – CO – NM - AZ**
- **Provide Transmission Path to “Energy Resource Zones”**
- **Allow Access to Economic Resources**

- **Integrate with Other Projects:**

- Tot 3 Expansion
- Eastern Plains Transmission Project (EPTP)
- Northern New Mexico Import (NNMI)
- SunZia
- TransWest

Participants

- **Colorado Springs Utilities**
- **Platte River Power Authority**
- **Public Service Company of New Mexico**
- **Salt River Project**
- **Trans-Elect Development Company**
- **Tri-State Generation & Transmission**
- **Western Area Power Administration**
- **Xcel Energy (Public Service Company of Colorado)**

Regional Map



Project Benefits

- Provide LSE's in CO, NM, and AZ economic access to additional, diverse resources to meet rapid load growth
- Provide resource developers increased transmission capability to reach markets
- Improved regional reliability
- Increased regional import/export capability
- Minimize environmental impacts by sharing common corridors
- Help states meet renewable energy standards

Process

- Open process
- Periodic stakeholder meetings
- Stakeholder input
- Documents and reports are posted at:
 - http://www.rmao.com/wtpp/HPX_Studies.html
 - <http://ccpg.basinelectric.com>

Project Plan

Phase 1 *Feasibility Study*

- Potential MW Transfer Capability
- Potential Drop-off/ Upload Points
- Potential Routes
- Cost Estimates
- Report

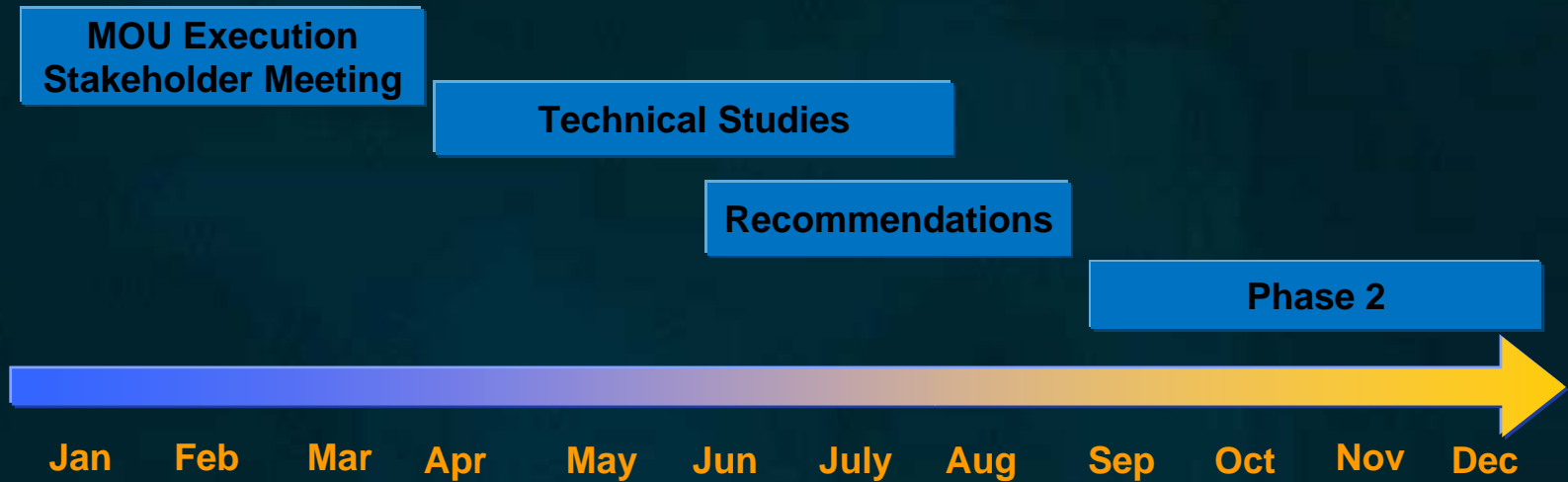
Phase 2

- Economics analyses
- Siting studies
- Detailed planning studies
- Legal/Regulatory Implications
- Ownership Negotiations

Phase 3

- **Implementation**

2007 Schedule



FOR MORE INFO:

http://www.rmao.com/wtpp/HPX_Studies.html

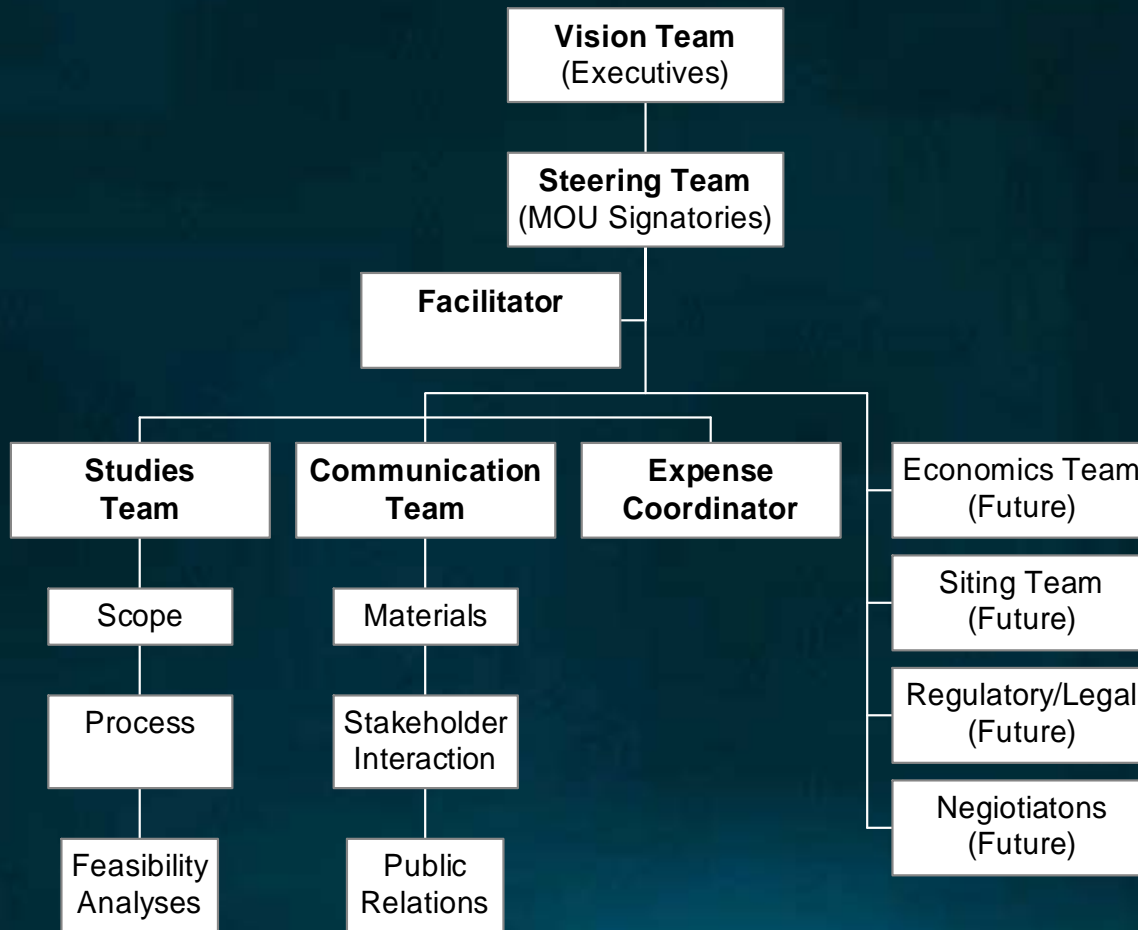
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Teams

- **Vision**
- **Steering**
- **Studies**
- **Communication**
- **Future**
 - Economic
 - Siting
 - Regulatory
 - Negotiations



HPX Organization



Studies Team

Robert Easton
Operations Engineering and Planning Manager
Western Area Power Administration
Rocky Mountain Region

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Studies Team

- **Refine Scope**
- **Develop Process**
- **Analyses**



Studies Team – Scope

- **Goals**
- **Methodology**
- **Base Case**
- **Alternatives**
- **Criteria**

Studies Team – Process

- **Consultant**
- **Models**
- **Analysis**
- **Coordination**
- **Report**

Studies Team - Analyses

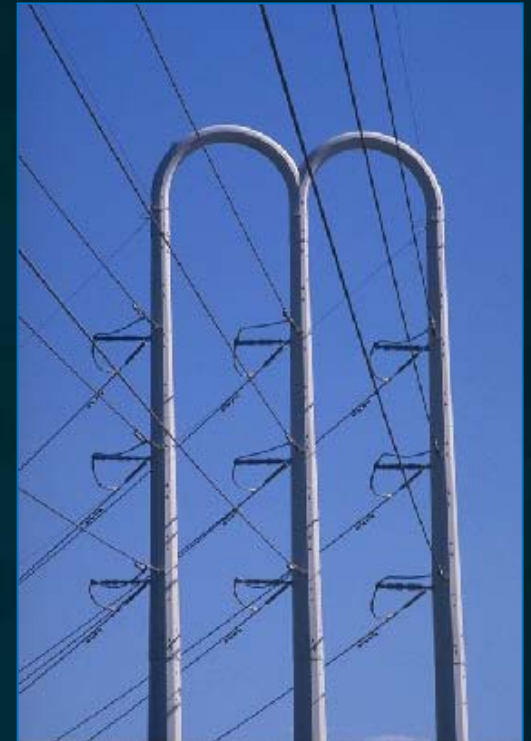
■ Load Flow Analysis

- Transmission Alternatives
- Pick-up / Drop-off Locations
- Interaction with other projects

■ Preliminary Siting

- Fatal Flaw Analysis

■ Cost Estimates



Communication Team

Chuck Sisk

Principal/Managing Engineer

Colorado Springs Utilities

Chairman, Colorado Coordinated Planning Group

csisk@csu.org

Communication Team

- **Prepare Materials**
- **Conduct Stakeholder Process**
- **Prepare Public Relations Documents**



Communication Team – Stakeholder Process

- **Facilitate opportunities for input**
- **Provide information of project progress**
- **Contact list – please sign in**
- **Comment Sheets**
- **Build a solid foundation for project implementation**

Communication Team – Public Relations

- **Media Interaction**
- **Updates at WECC and Subregional Meetings**
 - CCPG, SWAT, TSS, PCC, Westconnect, etc.
- **Stakeholder Meetings**
- **Web Sites**
 - http://www.rmao.com/wtpp/HPX_Studies.html
 - <http://ccpg.basinelectric.com>

Regional Project Information

- **Tot 3 Expansion Project**

- www.wyia.org

- **EPTP**

- www.wapa.gov/transmission/eptp.htm

- **NNMI**

- http://www.oatioasis.com/PNM/PNMdocs/Status_of_PNM_Transmission-Interconnection_02-28-07.pdf

- **SunZia**

- www.sunzia.net

- **TransWest**

- <https://transwest.azpsoasis.com>

Participant Comments

Questions

