

# Energy Transportation Infrastructure UPDATE

## *Electric Transmission Development*

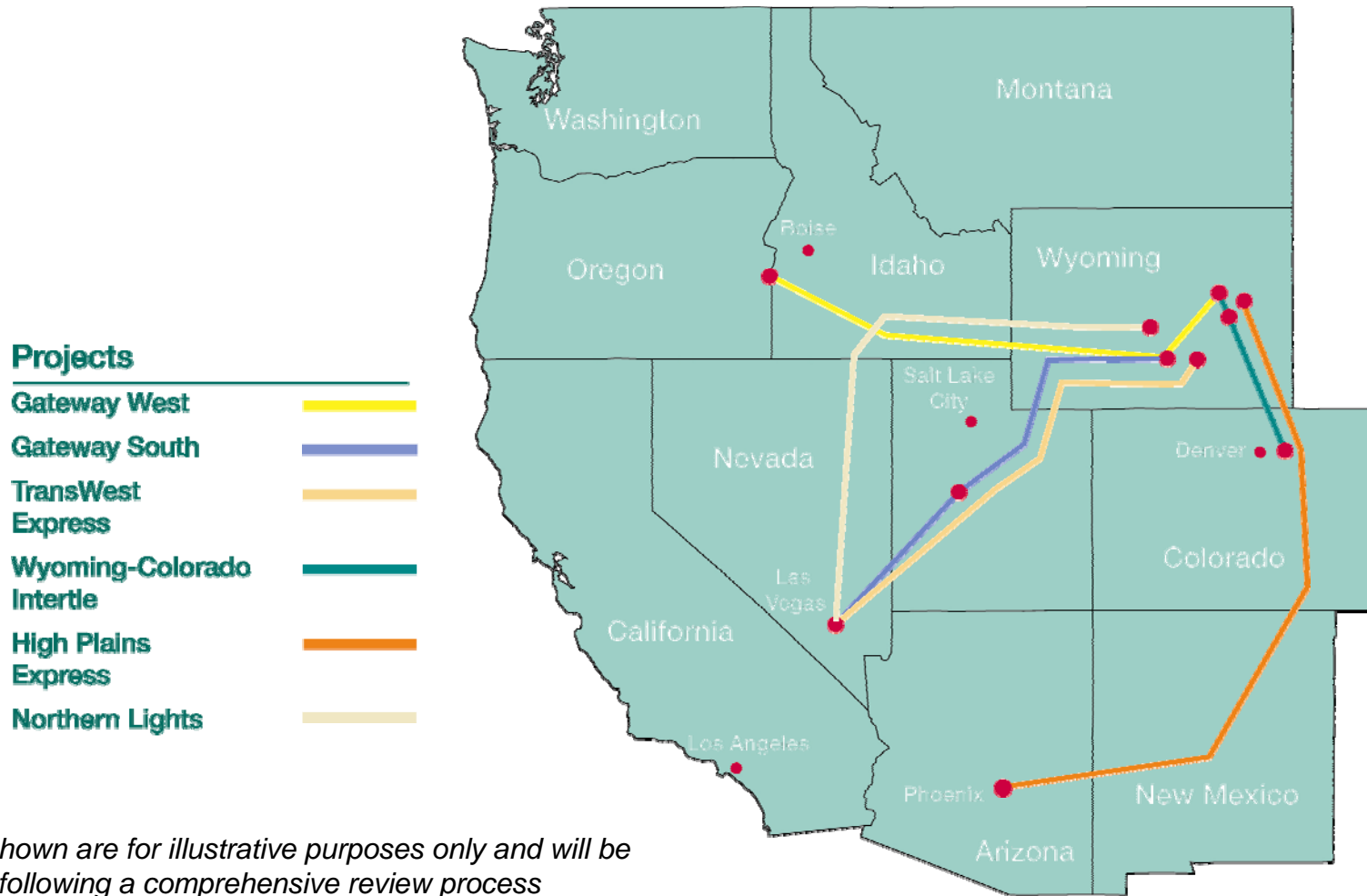
Steve Waddington  
Wyoming Infrastructure Authority

Joint Minerals, Business and Economic Development Committee  
September 10, 2008  
Jackson, Wyoming



# Transmission Projects under Development in Wyoming

---



# Summary of the Transmission Projects

---

- Wyoming-Colorado Intertie Project
  - Developers include Trans-Elect, WAPA and WIA
  - 345 kV AC line from Pawnee to Laramie River Station & 230 kV line from Laramie River Station to Dave Johnston
  - Open Season offer of 850 MW was successful
  - 585 MW capacity signed up – TSAs with two wind developers
    - Duke Energy Ohio, Inc.
    - Green Hunter Wind Company
  - 265 MW will be reoffered and we are optimistic it will be sold
  - PSCO's RFP for 500 of wind in 2013 next key milestone
  - Permitting and rights-of-way tasks still lie ahead
  - In-service mid-2013



# Summary of the Transmission Projects—cont.

---

- TransWest Express Project
  - Developers have included Arizona Public Service, National Grid and WIA
  - 500 kV DC line from south-central Wyoming to Las Vegas
  - Business model for the project has evolved
  - National Grid decided to exit the project and the west
  - APS interest in project has waned
  - WIA Board accepted Anschutz as new developer and has transferred the project to their control
  - Anschutz is permitting a 2,000 MW wind farm in Carbon County



# Summary of the Transmission Projects—cont.

---

## ➤ High Plains Express Project

- Developers include Trans-Elect Development Company; WAPA; WIA; Tri-state G&T; Black Hills Energy; Colorado Springs Utilities; Public Service Company of New Mexico, Salt River Project; and Xcel Energy (Public Service Co of CO); New Mexico Energy, Minerals and Natural Resources Department; New Mexico Renewable Energy Transmission Authority; and Colorado Clean Energy Development Authority
- Double-circuit 500 kV AC lines between Wyoming and Arizona with off-ramps and on-ramps in Colorado & New Mexico
- Feasibility study completed in 2007
- Parties will share in \$1.5 million of further study development over next 18 months
  - Technical feasibility
  - Commercial feasibility
  - Routing feasibility
  - Communications and stakeholder involvement
- In-service 2017



# Summary of the Transmission Projects—cont.

---

## ➤ Gateway West Project

- Developers include PacifiCorp & Idaho Power
- Double-circuit 500 kV AC lines from central Wyoming to Idaho and points west into Oregon
- In-service 2013

## ➤ Gateway South Project

- Developer is PacifiCorp
- Double-circuit 500 kV AC lines from central Wyoming to Utah and Nevada
- Being coordinated with the TransWest Express Project
- In-service 2014

## ➤ Inland Project—Southern Leg

- Developer is TransCanada
- 500 kV DC line from south-central Wyoming to connect with the northern leg which originates in Montana in Idaho and southward to Las Vegas
- In-service 2012 ?

# QUESTIONS?

For more information: [www.wyia.org](http://www.wyia.org)

Steve Waddington: [steview@wyia.org](mailto:steview@wyia.org)

307.635.3573

