

Arizona Corporation Commission Workshop

Sixth Biennial Transmission Assessment

SWAT Eldorado Valley Work Group

Chuck Russell, SRP Transmission Planning

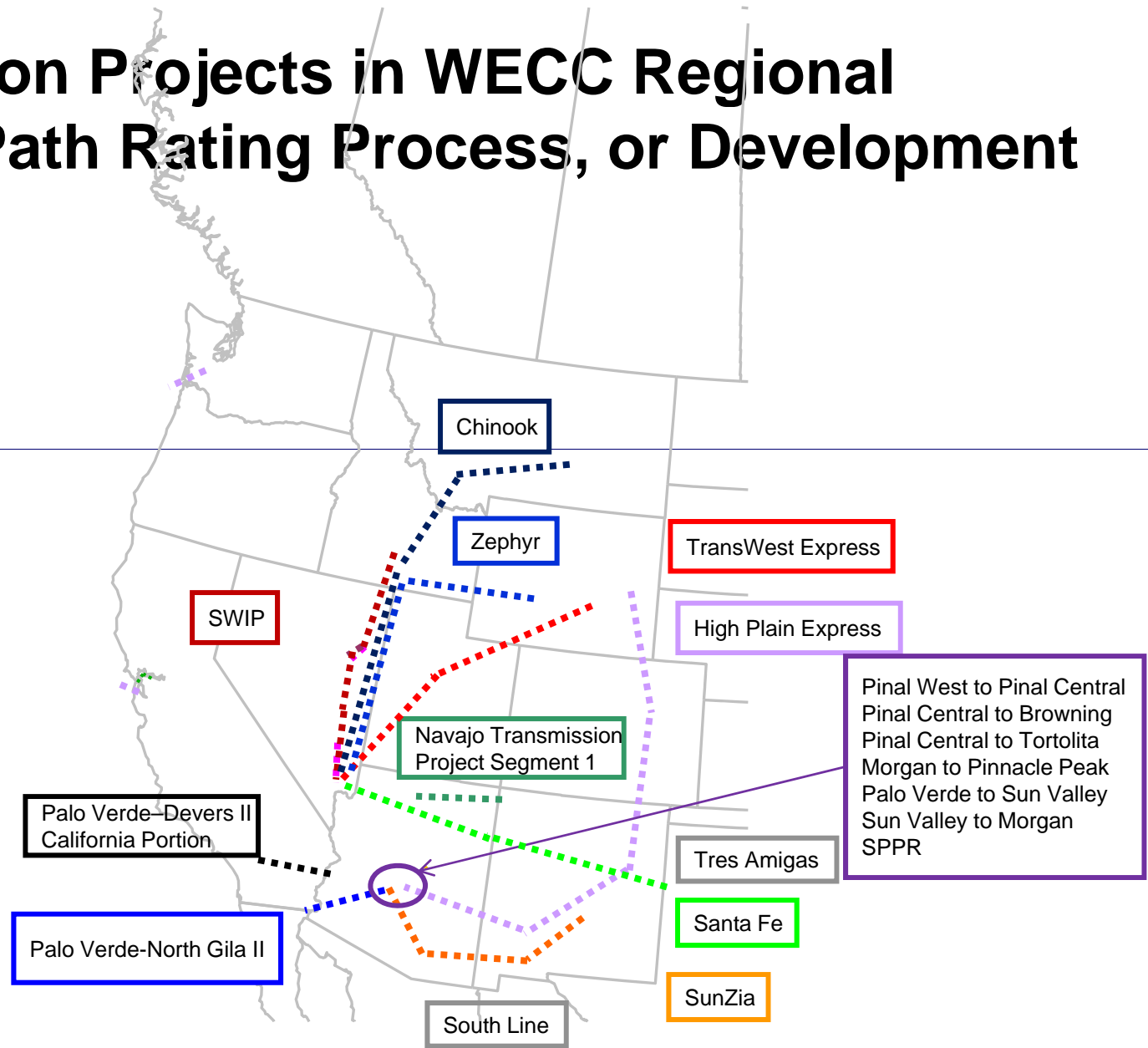
Carnegie Center, 1101 W. Washington Street

June 3 & 4, 2010



Delivering More Than Power.®

Transmission Projects in WECC Regional Planning, Path Rating Process, or Development



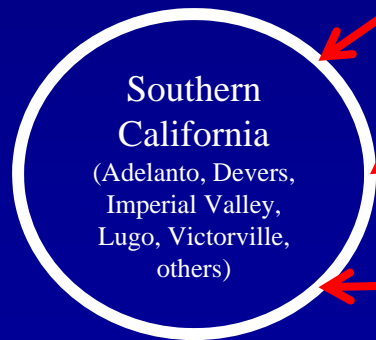
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Eldorado Valley Existing Capacity and Proposed Projects

Potential EV
Project
Withdrawals
(3.0 - 6.0 GW)

Add. CTPG Alternative Projects

Mead Green Upgrade
1.5 GW (StarTrans)
LV to LA Marketplace
to Rancho Vista - 500
kV
1.5 GW (En. Cap.
Prtns.)



Wyoming		Montana
TWE	Zephyr	Chinook
3.0 GW	3.0 GW	3.0 GW

ON Line, SNIP
1.5-3.0 GW

Ivanpah – Devers
230 kV
0.4 GW

Pony Express
3.0 GW

SMRT
0.4-1.5 GW

West of River
10.6 GW

East of River
9.3 GW

Potential EV
Project
Injections
(16.1-19.6 GW)
New Mexico
Navajo Tx Project
1.6 GW
Santa Fe
?1.5 GW
Blackline
? 2.0GW

Hoover
Four Corners