

Arizona Corporation Commission Workshop

Sixth Biennial Transmission Assessment

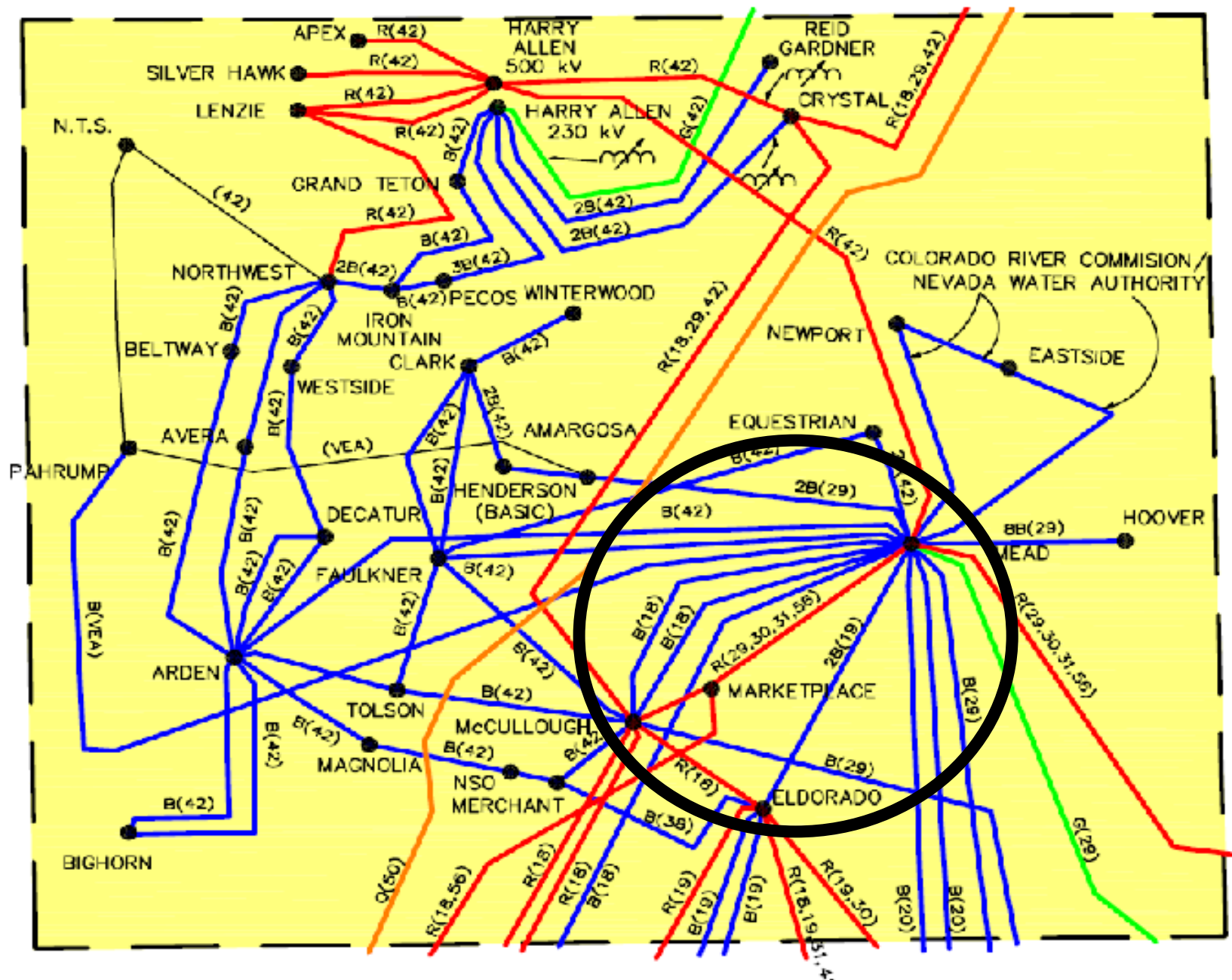
SWAT Eldorado Valley Work Group

Chuck Russell, SRP Transmission Planning

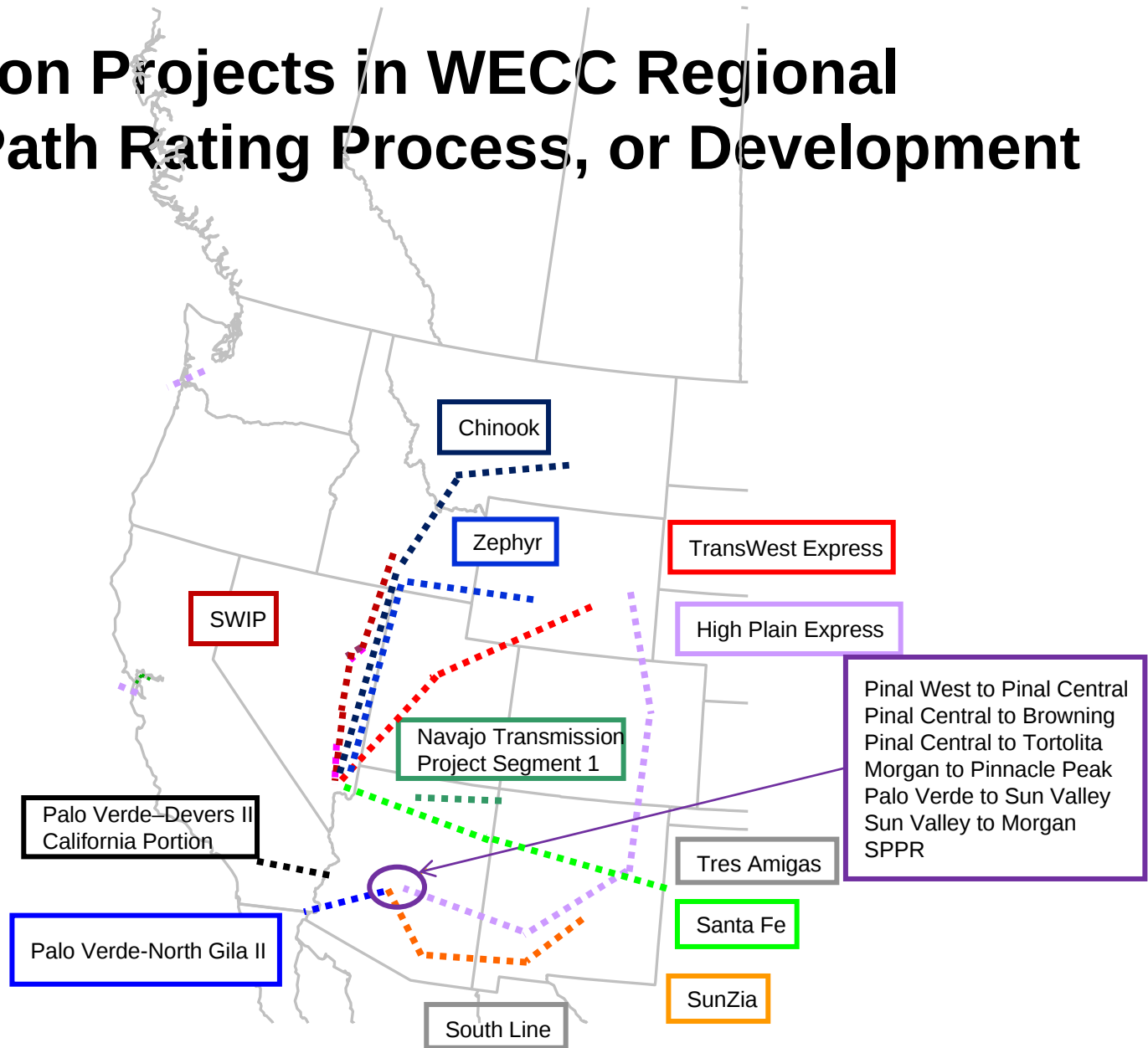
Carnegie Center, 1101 W. Washington Street
June 3 & 4, 2010



Delivering More Than Power.®



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



Draft

Eldorado Valley

Existing Capacity and Proposed Projects

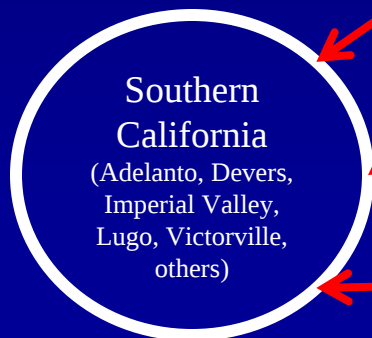
Potential EV
Project
Withdrawals
(3.0 - 6.0 GW)

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.)



ON Line, SNIP
1.5-3.0 GW

Ivanpah – Devers
230 kV
0.4 GW

Pony
Express
3.0 GW

West of River
10.6 GW

**Eldorado
Valley**
(El Dorado,
Marketplace,
McCullough, Mead)

N. Las
Vegas, incl.
Navajo
(Harry Allen,
Crystal)

Wyoming
TWE 3.0
GW Zephyr 3.0
GW

Montana
Chinook
3.0 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

SMRT
0.4-1.5 GW

Four
Corners

Arizona
(Palo Verdes,
Westwing,
others)

East of
River
9.3 GW