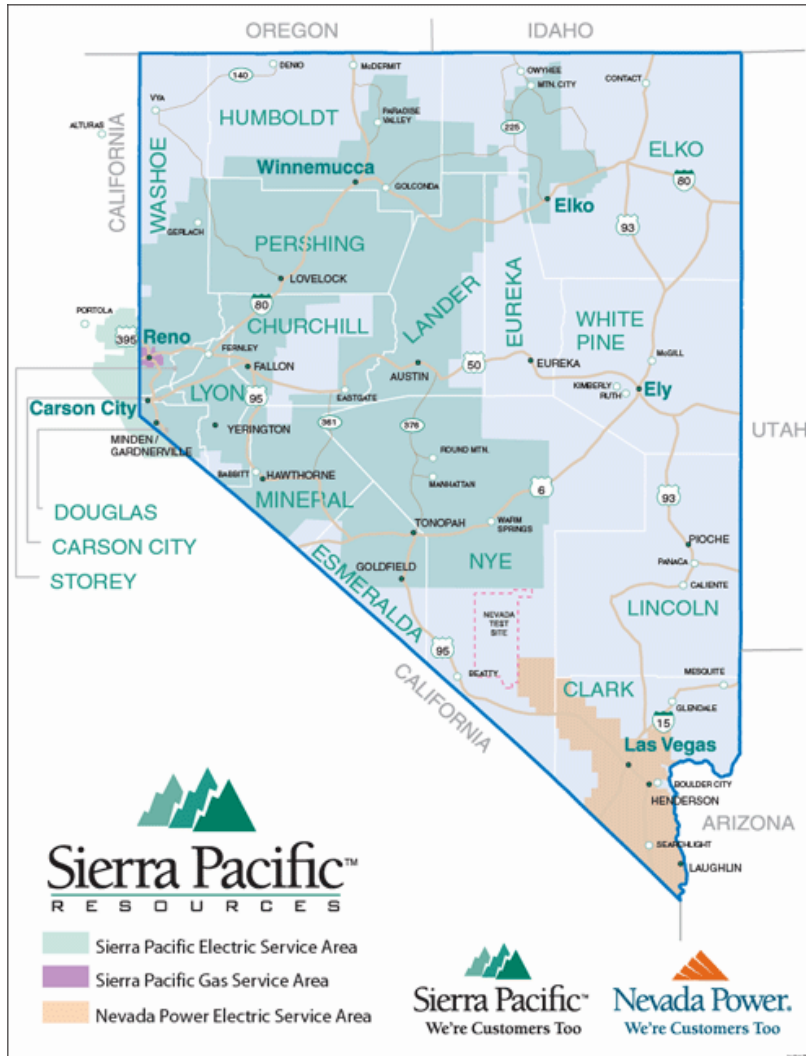

SWAT
May 10, 2006
Paul Schmidt
Transmission Projects



SIERRA PACIFIC RESOURCES (SPR)



SPR has two wholly owned electric utility subsidiaries:

- Nevada Power Company
- Sierra Pacific Power Company



NEVADA POWER COMPANY (NPC)

- 4,500 square miles southern Nevada
- 1,665 miles of FERC jurisdictional transmission lines
- 2005 peak load of 5,563 MW
- Peak load increased an average of 4.5% per year over the last five years



SIERRA PACIFIC POWER COMPANY (SPPC)

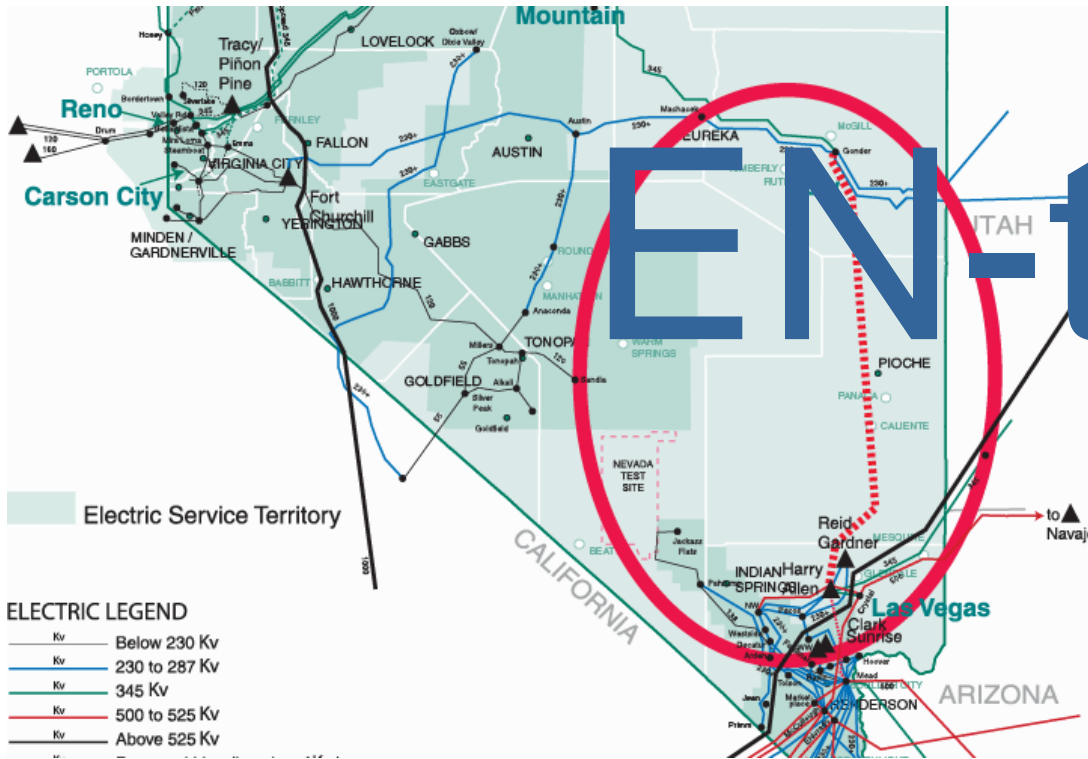
- 50,000 square miles in northern Nevada and northeastern California
- 2,165 miles of FERC jurisdictional transmission lines
- 2005 peak load of 1,740 MW
- Peak load increased an average of 2.2% per year over the last five years

ELY ENERGY CENTER



- Proposed Coal-Fired Power Facility in Eastern Nevada's White Pine County
- Phase One – Two 750 MW Super Critical Pulverized Coal Units 2011- 2013
- Phase Two – Two 500 MW coal gasification units

EASTERN NEVADA TRANSMISSION INTERTIE



250 miles of 500 kV line interconnecting NPC and SPPC

New 500/345 kV substation-North

Fold-in of Falcon-Gonder 345kV Line

500kV substation expansion-South

EASTERN NEVADA TRANSMISSION INTERTIE



- Interconnect and Deliver energy from EEC
- Interconnect and deliver new and existing Renewable Energy Resources
- Interconnect 1600 MW of proposed IPP generation in White Pine County
- Interconnect 500 kV transmission line for Great Basin Transmission LLC

4,000 MW OF NEW GENERATION INTERCONNECTED SINCE 2000



Silverhawk

Reliant / Bighorn

LV CoGen

Mirant / Apex

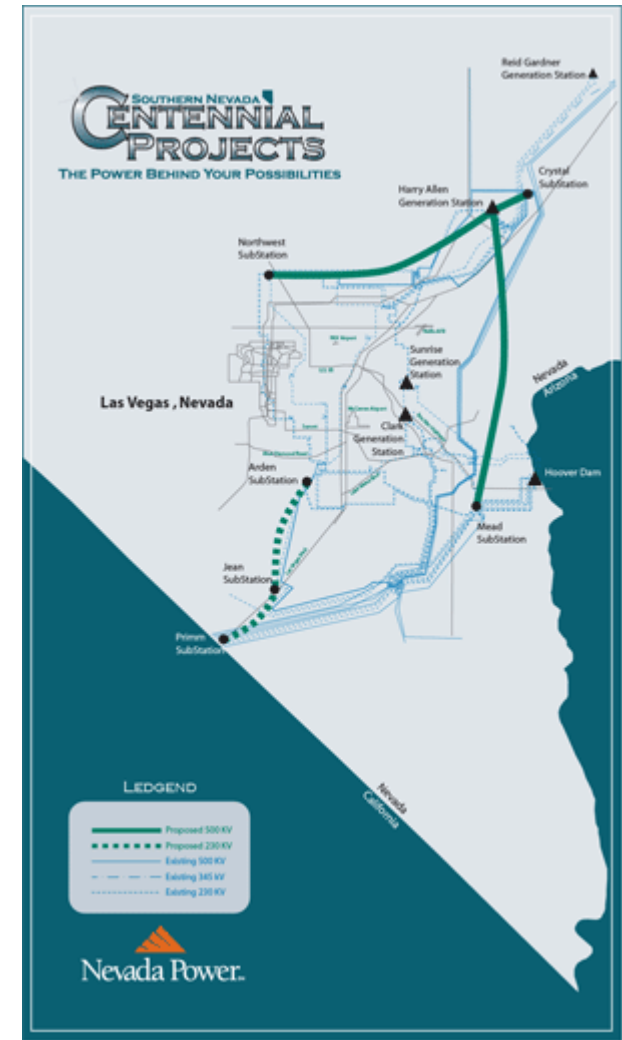
Naniwa

Western 102

Eldorado Energy

NPC's 1,200 MW Chuck Lenzie Plant

THE CENTENNIAL PROJECT



- New Harry Allen 500 kV Switchyard**
- Harry Allen-Crystal 500 kV line**
- Harry Allen-Northwest 500 kV line**
- Harry Allen-Mead 500 kV line**

FALCON to GONDER

180 Miles of 345 kV line

Two 345/230 kV Transformers



\$ 98 Million
Completed 2004

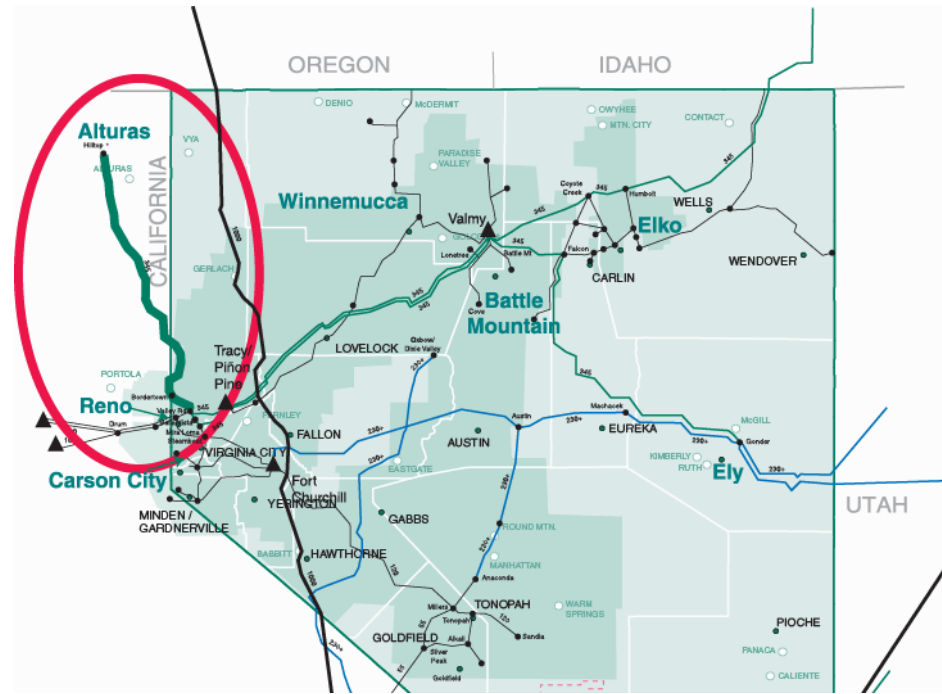


Completed 1998
\$ 156 Million

ALTURAS



167 miles of 345kV line



PROJECTS UNDER CONSTRUCTION OR COMPLETED SINCE 1998



Nevada Power.

- River Mountain \$34
- Crystal Transmission \$98
- Big Horn \$24
- Centennial ~ \$309



Sierra Pacific™

- Falcon to Gonder \$98
- Alturas \$156
- Buckeye Transmission ~ \$16
- Winnemucca New Source ~ \$11
- Sugarloaf Addition ~ \$13

Total - \$759

\$ in Millions

~ Construction Not Complete

PROJECTS PROPOSED TO NEVADA COMMISSION



- N/W Las Vegas Master \$177
- East Valley Master Plan \$250
- Project City Center 100
- Harry Allen 345 kV \$9
- Crystal 230 kV \$1
- West Henderson \$13
- Greg Street \$10
- Emma Transmission \$92
- Bordertown Transmission \$25
- Fort Sage Transmission \$56

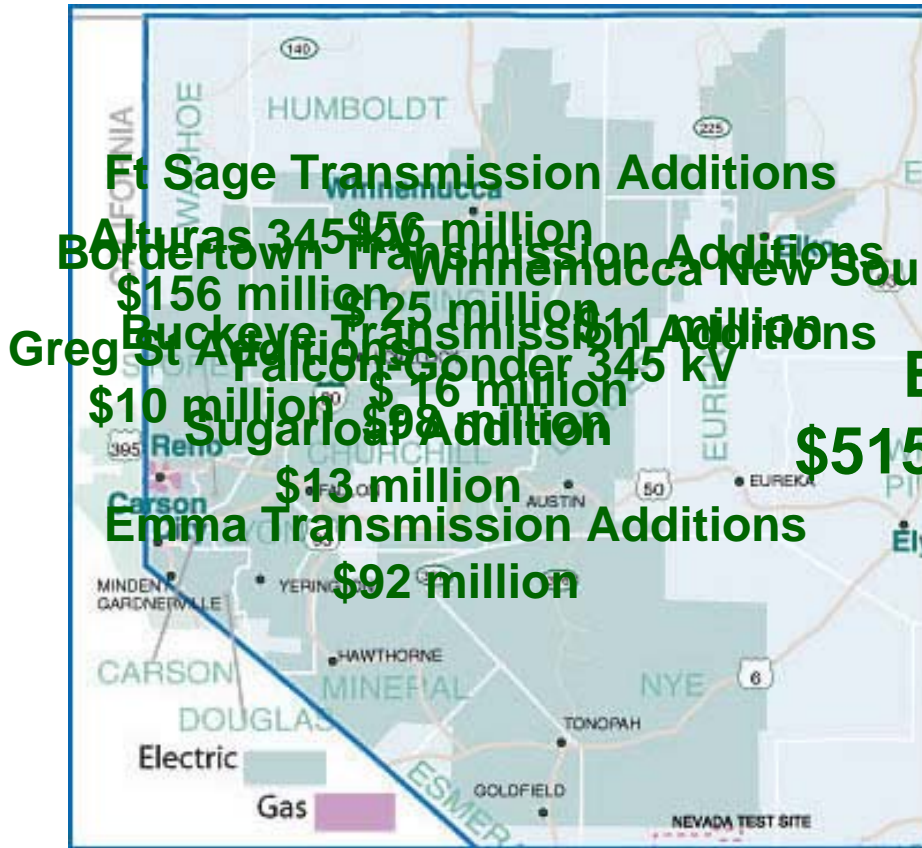
Total  **\$1,248**
■ EN-ti \$515

\$ Estimate in Millions

SPR Transmission Projects

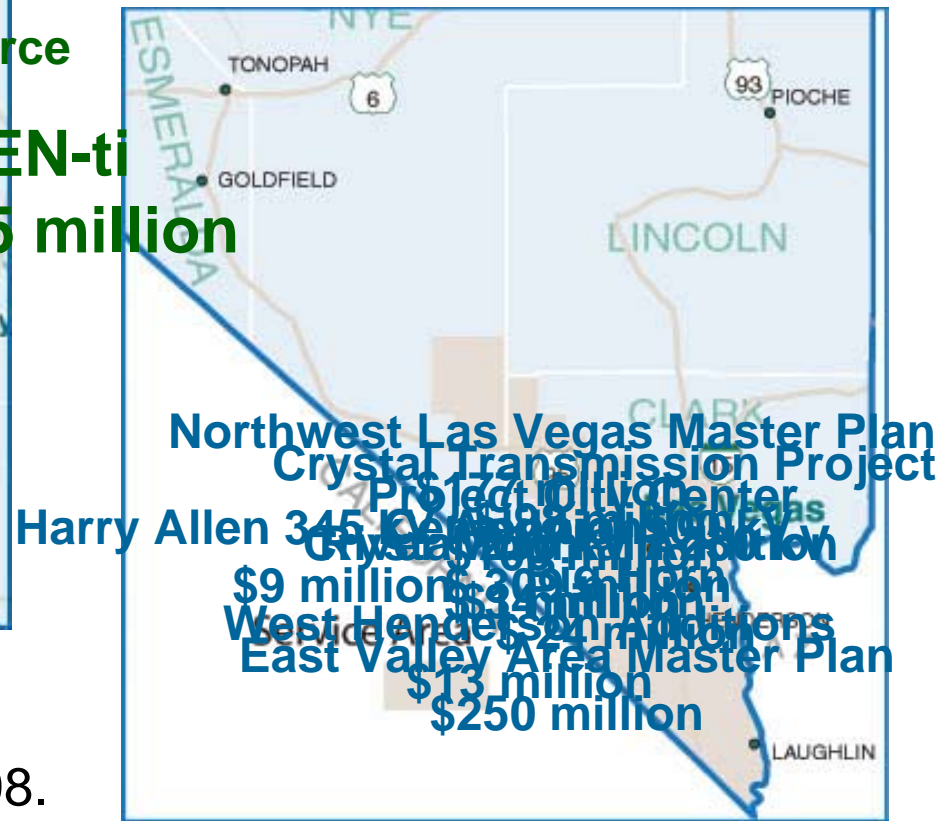
Total Transmission Cost (\$ Million)

~~\$3,400~~
\$2,007



EN-ti
\$515 million

Sierra Pacific Resources has over 350 miles of 500 kV transmission constructed or in planning since 1998.



SPR Transmission Projects



- ❑ \$759 million under construction or completed since 1998
- ❑ \$1,248 million proposed to Nevada Commission for approval
- ❑ Total \$2.007 billion under construction, completed since 1998, or proposed to Nevada Commission



