

CENTRAL ARIZONA PROJECT

**PRESENTATION
TO**

**Southwest Transmission
Expansion Planning Group**

March 13, 2003

CENTRAL ARIZONA PROJECT

System Features:

- 335 Miles of Canal
- Total Water Lift of 2,915 Ft.
- Storage in Canal and Lake Pleasant
- 14 Pumping Plants, 1 Pump/Generator
- Electrical Load of ~500 MW

**Demand @ 1,584,256 AF off the Colorado River
CAP Pumping Plants Need 2,478,050 mwh**

Pumping Plant	Megawatts	Megawatthours
Mark Wilmer	283	1,505,043
Bouse Hills	33	202,468
Little Harquahala	33	202,042
Hassayampa	58	317,076
Salt Gila	24	90,362
Brady	14	39,031
Picacho	15	34,870
Red Rock	12	23,332
Twin Peaks	3	5,632
Sandario	3	5,776
Brawley	4	9,146
San Xavier	2	5,017
Snyder Hill	2	8,694
Black Mountain	3	10,715

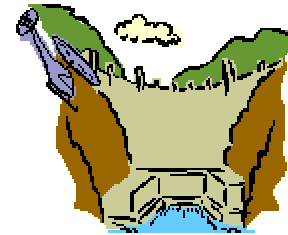
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Electricity Supply

- Navajo Project (547MW)



- Hoover Power (161 MW)

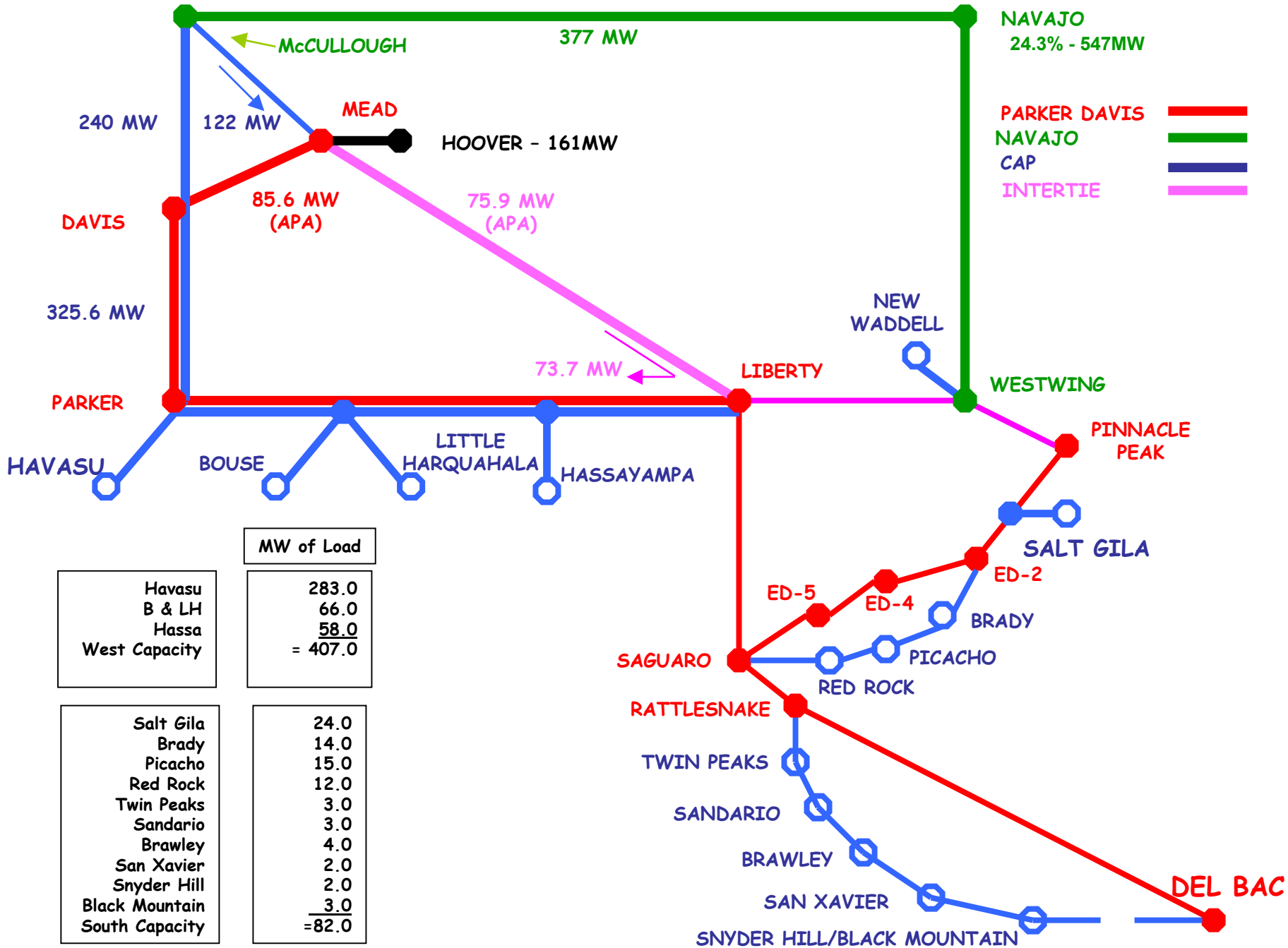


- New Waddell Power

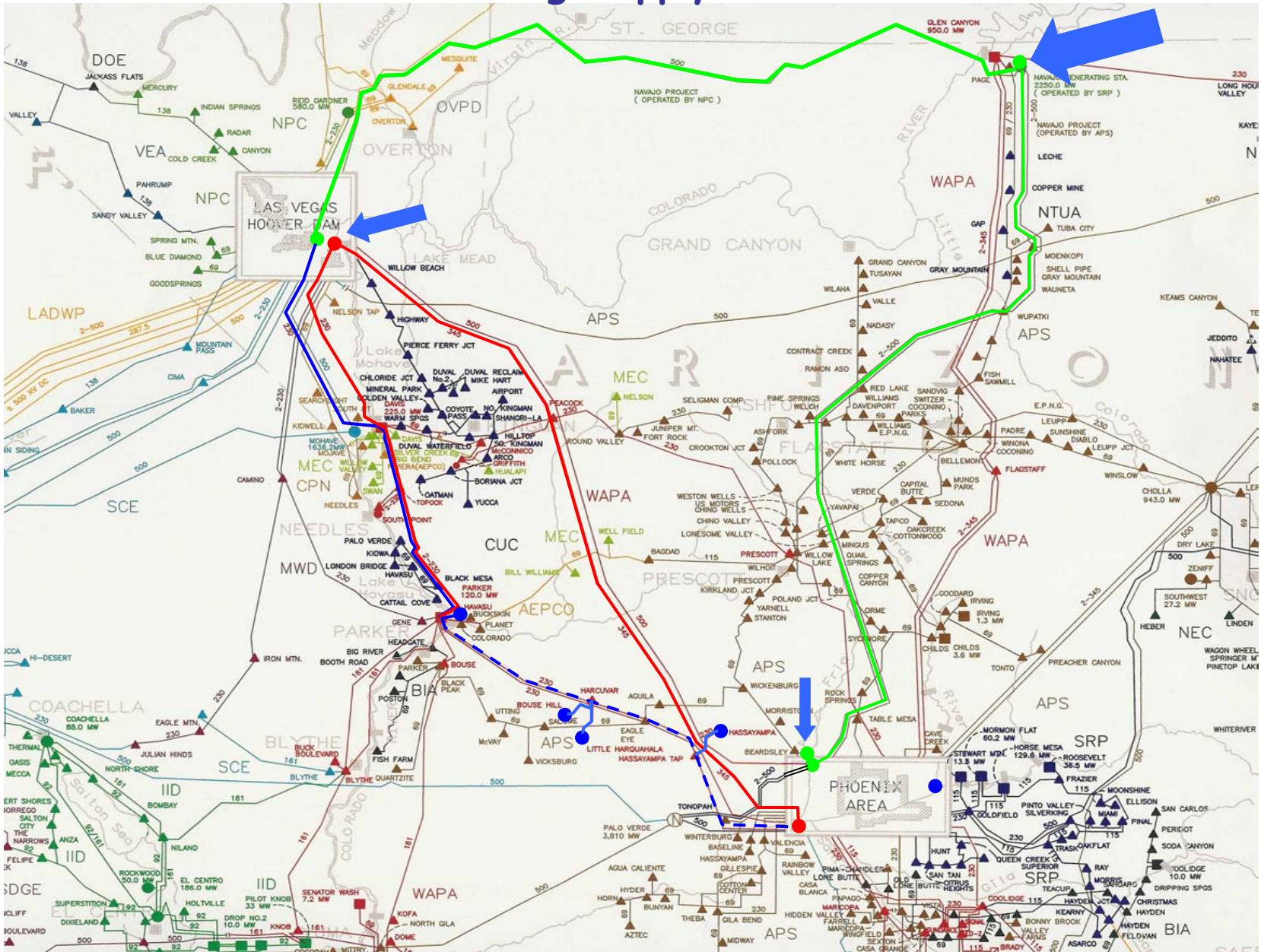


- CAWCD Buys and Sells





Delivering Supply to Demand



CENTRAL ARIZONA PROJECT

- **CAP's Interest**

- Enhanced Ability to Buy and Sell Power
- Access to Palo Verde
- Participate in Future Transmission Projects

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- **QUESTIONS?**

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