



NM Subgroup

NM Subcommittee Update February 2010

Tom Duane

PNM Transmission Planning and Contracts



SWAT

February 2010 – Las Vegas, Nevada



NM Subgroup

Recap of Previous Meetings

- **May SWAT 2009**
 - Discussion to look at collector system for eastern NM that is optimized for project locations or at least renewable potential.
 - NM collector system that is integrated with major projects.
 - Develop system where little transmission currently exists.
 - Attempt to minimize project ties to connect to transmission.
- **August 2009 Conference Call**
 - Outline Potential Study Process
- **October 2009 Albuquerque Meeting**
 - Review information and have groups sketch out some potential collector systems.
- **February 2010 Conference Call**
 - Presented common ideas among collector systems from Oct meeting
 - Reviewed RPS and renewable potential information
 - SPP Presentation
 - First Draft of a study scope document

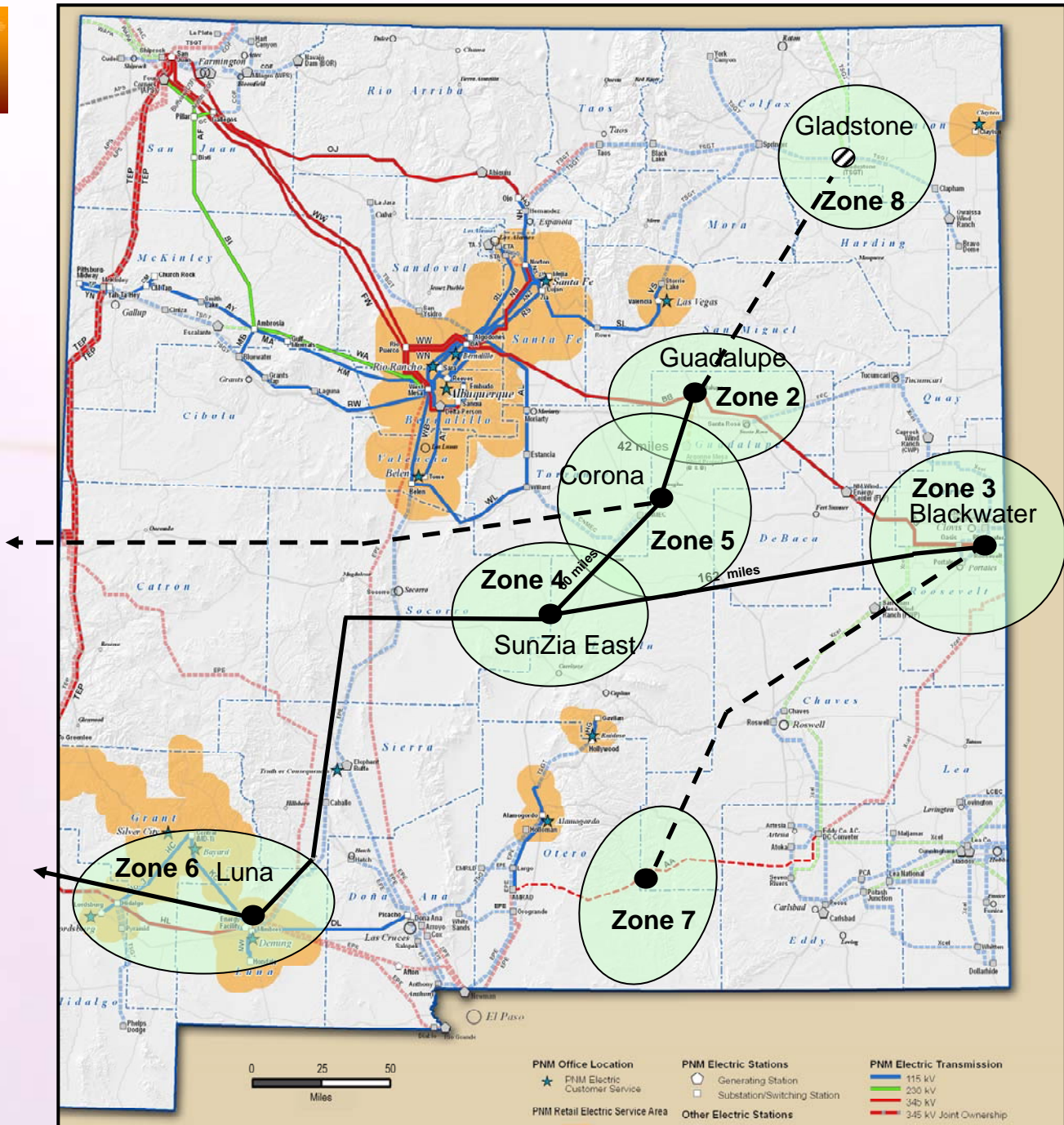




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— Common to All
 - - - Less Common

Each segments may consist of multiple circuits.





Projected RPS Resource Needs Using Proxy 30% Capacity Factor for Renewables

Northern New Mexico

Utility Name	2008 Total Sales MWh	Growth Fctr	2015 Load MWh	2015 RPS%	RPS MWh	MW TO DEVELOP	2030 Load	2030 RPS%	RPS MWh	MW TO DEVELOP
Public Service Co of New Mexico	8,639,590	2.4%	10,199,827	15%	1,004,974	382	14,557,680	20%	2,911,536	1,108
Tri-State G&T New Mexico-North	2,176,298	2.4%	2,569,319	5%	128,466	49	3667054.2	10%	366,705	140
						431				1,247

Southern New Mexico

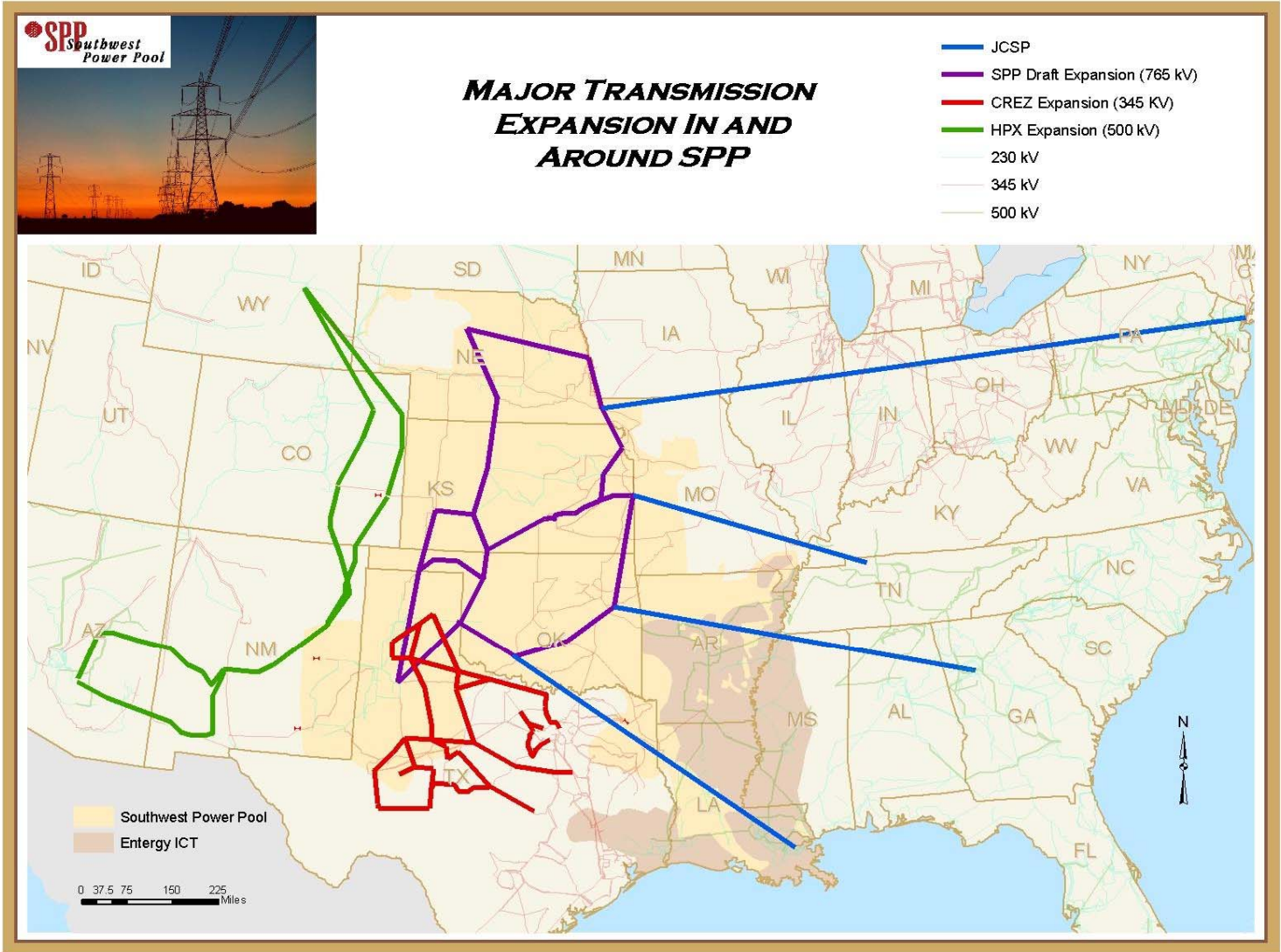
Utility Name	2008 Total Sales MWh	Growth Fctr	2015 Load MWh	2015 RPS%	RPS MWh	MW TO DEVELOP	2030 Load	2030 RPS%	RPS MWh	MW TO DEVELOP
El Paso Electric Co	1,598,578	2.4%	1,887,268	15%	283,090	108	2,693,599	20%	538,720	205
Southwestern Public Service Co	4,138,556	2.4%	4,885,945	15%	732,892	279	6,973,453	20%	1,394,691	531
Tri-State G&T New Mexico-South	544,074	2.4%	642,330	5%	32,116	12	916,764	10%	91,676	35
						399				771

Surrounding States

Note: Split TSGT load 80-20 north to south



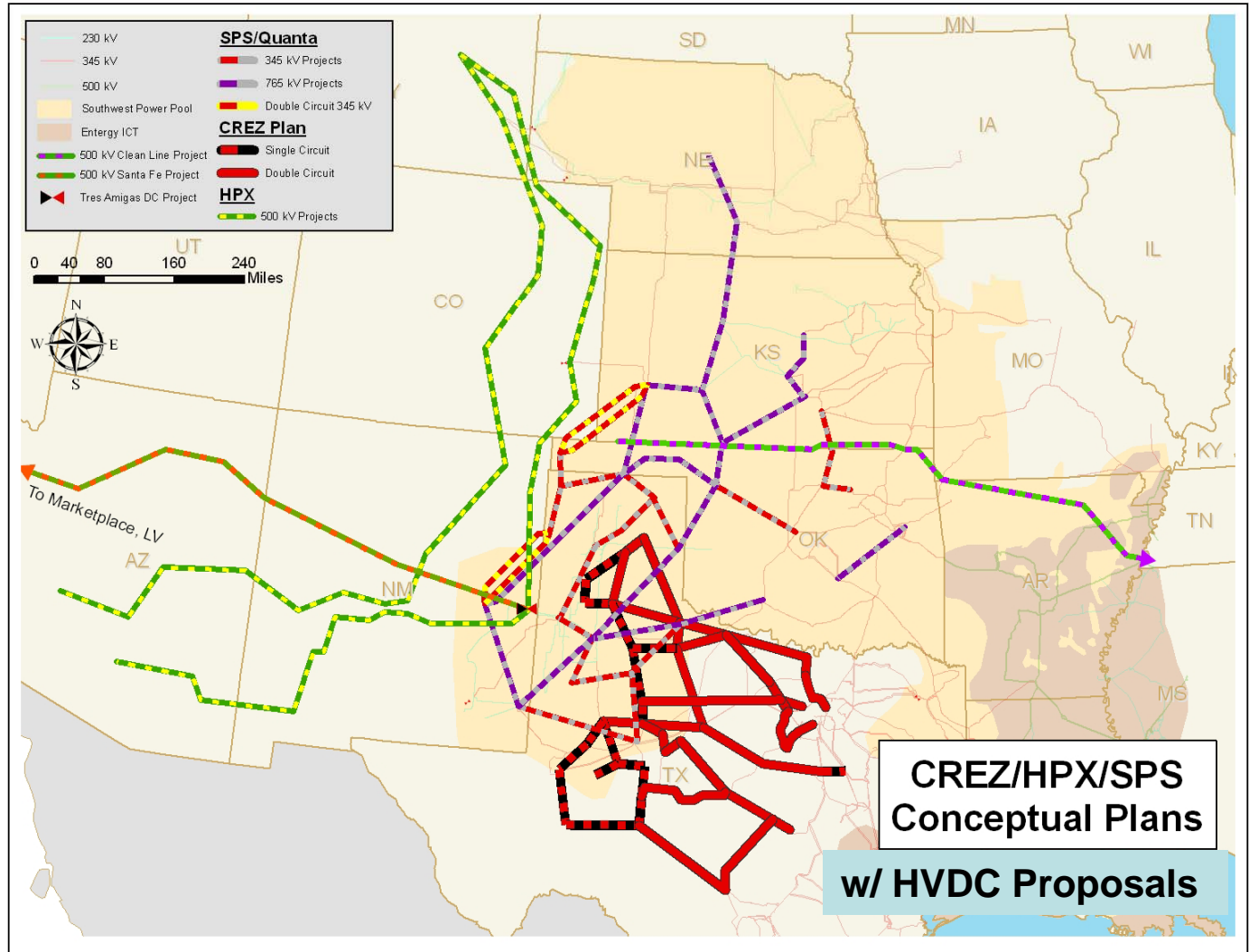
SPP Presentation





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SPP Presentation



Draft Scope

- **Draft Scope Defining**
 - **Size**
 - **Line segments**
 - **Operation voltage**
 - **Phasing**
 - **Base Cases (10 and 20 year)**
 - **Load level**
 - **Dispatch of resources**
 - **Seam Locations**



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Questions/Suggestions



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