# SWAT RTTF
# Technical Committee Report
## SWAT Oversight Committee Meeting

**August 17, 2010**

**Peter Krzykos - Chairman**

# Outline

- Nevada, New Mexico and Arizona Queue Update (2010)
- Recommendations from the 6th BTA
- RTTF next step

  - SWAT Steering Committee meeting
  - Coordination with other subrigional groups ( CATS , SATS, CRT,NM)
  - Study Plan

# Arizona Renewable Generation Interconnection Requests

< 21 MW not shown but included in totals

**APS**
Solar 7294MW
Wind 3464MW

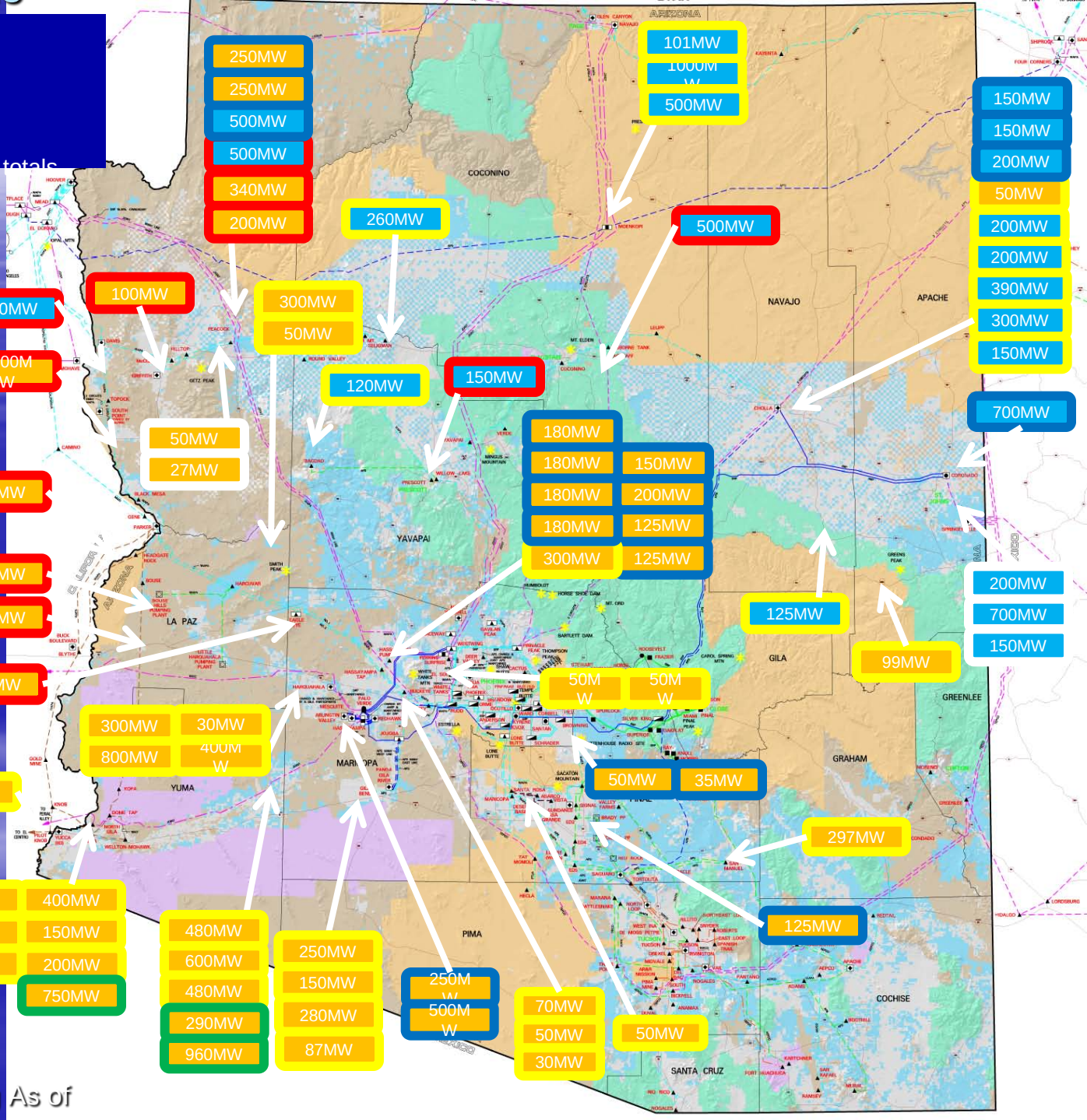
**SRP**
Solar 2820MW
Wind 1700MW

**TEP**
Solar 117MW
Wind 1050MW

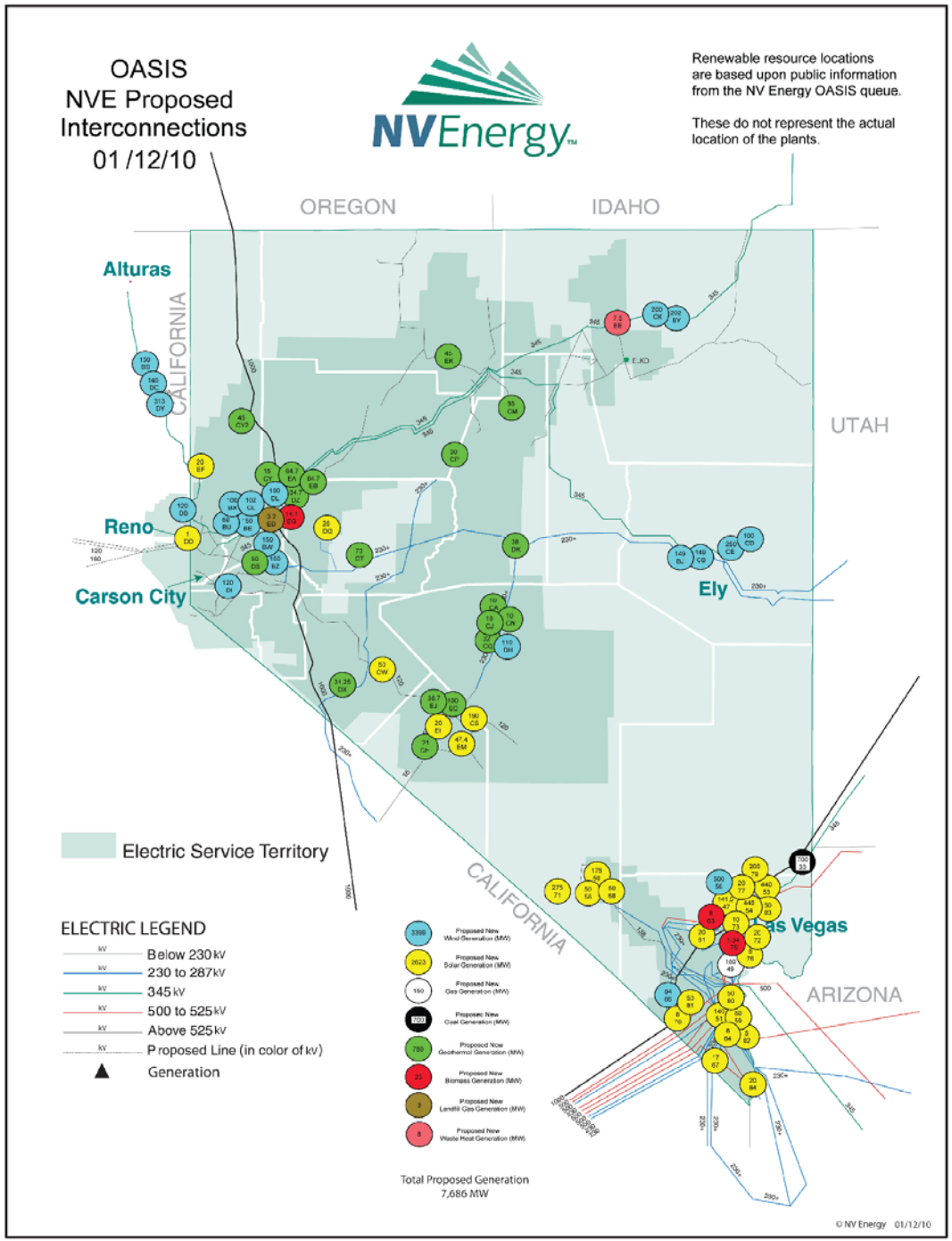
**WAPA**
Solar 2495MW
Wind 1750MW

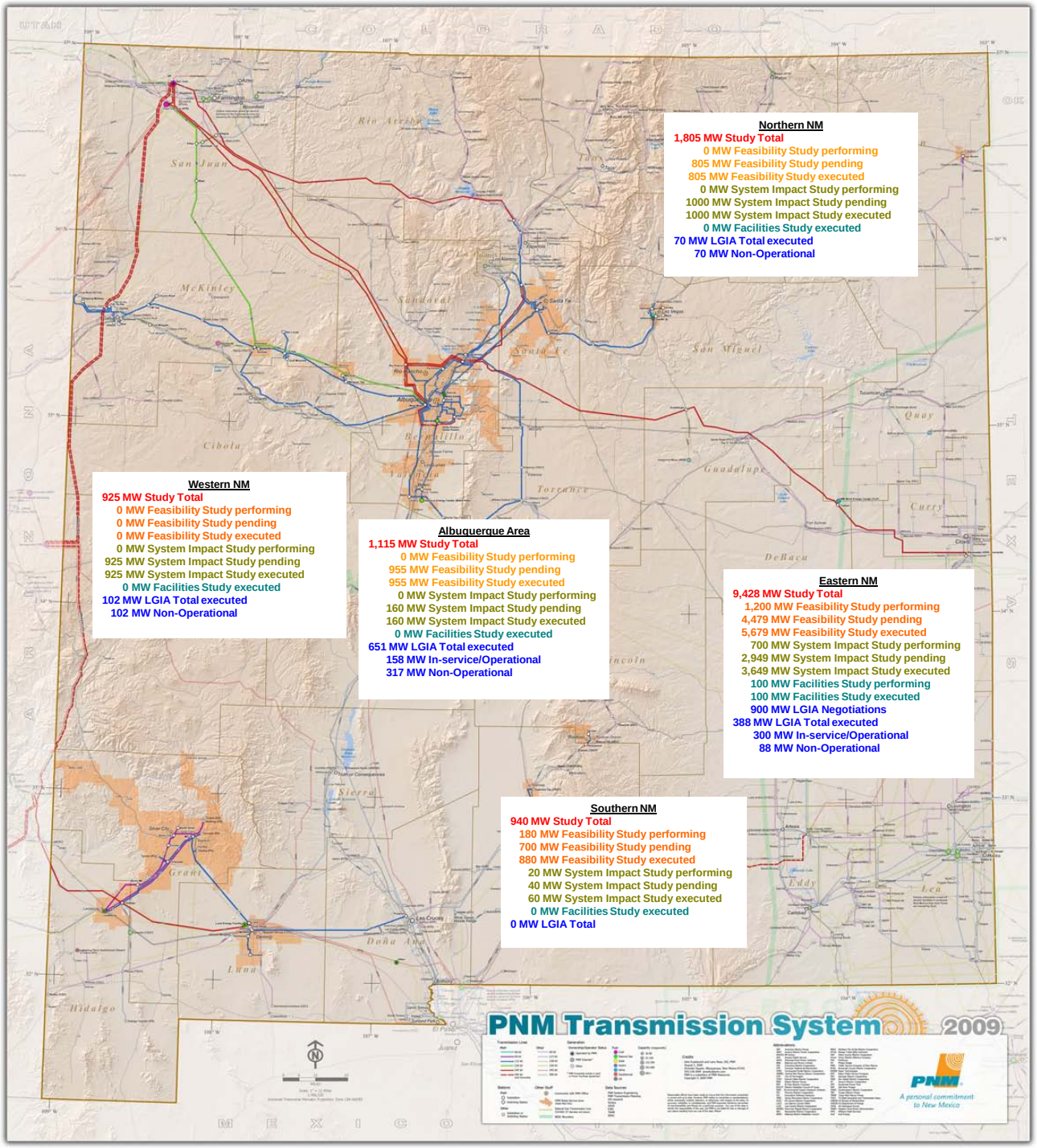
**CAISO**
Solar 2000MW

**Totals**
Solar 14726MW
Wind 7964MW



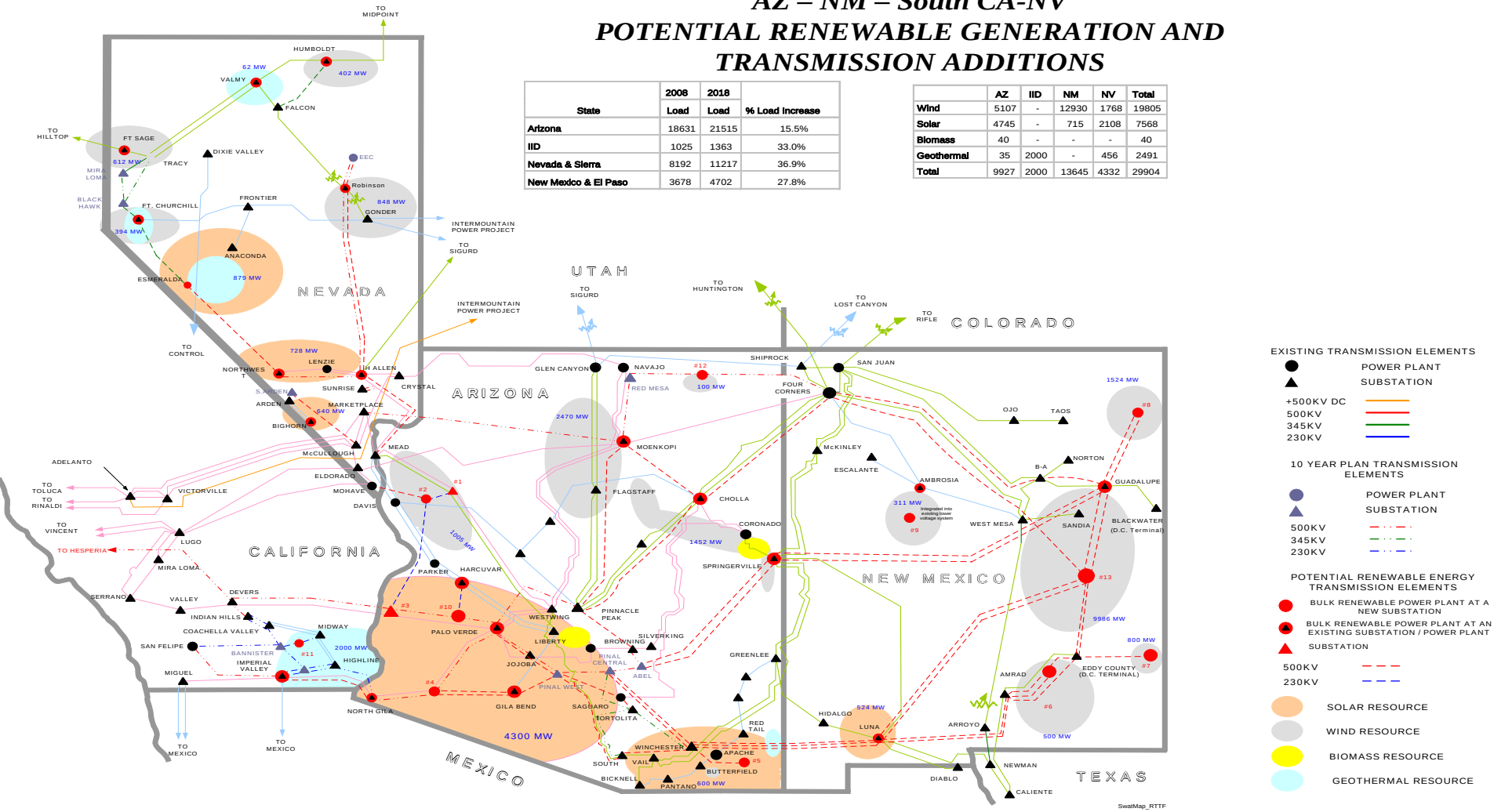

Interconnection Queue Listing As of


OASIS
NVE Proposed
Interconnections
01/12/10
NVEnergy
Renewable resource locations are based upon public information from the NV Energy OASIS queue.
These do not represent the actual location of the plants.
OREGON
IDAHO
UTAH
CALIFORNIA
ARIZONA
Alturas
Reno
Carson City
Ely
Las Vegas
Electric Service Territory
ELECTRIC LEGEND
Below 230 kV
230 to 287 kV
345 kV
500 to 525 kV
Above 525 kV
Proposed Line (in color of kV)
Generation
Total Proposed Generation
7,686 MW
© NV Energy 01/12/10


Northern NM
1,805 MW Study Total
0 MW Feasibility Study performing
805 MW Feasibility Study pending
805 MW Feasibility Study executed
0 MW System Impact Study performing
1000 MW System Impact Study pending
1000 MW System Impact Study executed
0 MW Facilities Study executed
70 MW LGIA Total executed
70 MW Non-Operational
Western NM
925 MW Study Total
0 MW Feasibility Study performing
0 MW Feasibility Study pending
0 MW Feasibility Study executed
0 MW System Impact Study performing
925 MW System Impact Study pending
925 MW System Impact Study executed
0 MW Facilities Study executed
102 MW LGIA Total executed
102 MW Non-Operational
Albuquerque Area
1,115 MW Study Total
0 MW Feasibility Study performing
955 MW Feasibility Study pending
955 MW Feasibility Study executed
0 MW System Impact Study performing
160 MW System Impact Study pending
160 MW System Impact Study executed
0 MW Facilities Study executed
651 MW LGIA Total executed
158 MW In-service/Operational
317 MW Non-Operational
Eastern NM
9,428 MW Study Total
1,200 MW Feasibility Study performing
4,479 MW Feasibility Study pending
5,679 MW Feasibility Study executed
700 MW System Impact Study performing
2,949 MW System Impact Study pending
3,649 MW System Impact Study executed
100 MW Facilities Study performing
100 MW Facilities Study executed
900 MW LGIA Negotiations
388 MW LGIA Total executed
300 MW In-service/Operational
88 MW Non-Operational
Southern NM
940 MW Study Total
180 MW Feasibility Study performing
700 MW Feasibility Study pending
880 MW Feasibility Study executed
20 MW System Impact Study performing
40 MW System Impact Study pending
60 MW System Impact Study executed
0 MW Facilities Study executed
0 MW LGIA Total
PNM Transmission System 2009
PNM
A personal commitment to New Mexico

# Potential Transmission Additions

## *AZ – NM – South CA-NV POTENTIAL RENEWABLE GENERATION AND TRANSMISSION ADDITIONS*

| State | 2008 Load | 2018 Load | % Load increase |
|---|---|---|---|
| Arizona | 18631 | 21515 | 15.5% |
| IID | 1025 | 1363 | 33.0% |
| Nevada & Sierra | 8192 | 11217 | 36.9% |
| New Mexico & El Paso | 3678 | 4702 | 27.8% |

| | AZ | IID | NM | NV | Total |
|---|---|---|---|---|---|
| Wind | 5107 | - | 12930 | 1768 | 19805 |
| Solar | 4745 | - | 715 | 2108 | 7568 |
| Biomass | 40 | - | - | - | 40 |
| Geothermal | 35 | 2000 | - | 456 | 2491 |
| Total | 9927 | 2000 | 13645 | 4332 | 29904 |