

Public Service Company of New Mexico

10-Year Transmission Plan Summary For WestConnect Workshop November 2010

Tempe, AZ



Technical Studies

- **10-Year Review for Adherence to TPL standards**
 - Powerflow
 - Stability
 - Short Circuit
- **Interconnection Studies**
- **IRP Studies**



PNM 10-Year Plan Stakeholder Meetings

- **March 4 – Study Scope & Input**
- **November 4 – Plan Presentation and review.**

– [http://www.oatioasis.com/PNM/PNMdocs/TYP-Overview for Bi Annual Meeting Nov 4 2010_rev.pdf](http://www.oatioasis.com/PNM/PNMdocs/TYP-Overview%20for%20Bi%20Annual%20Meeting%20Nov%204%202010_rev.pdf)



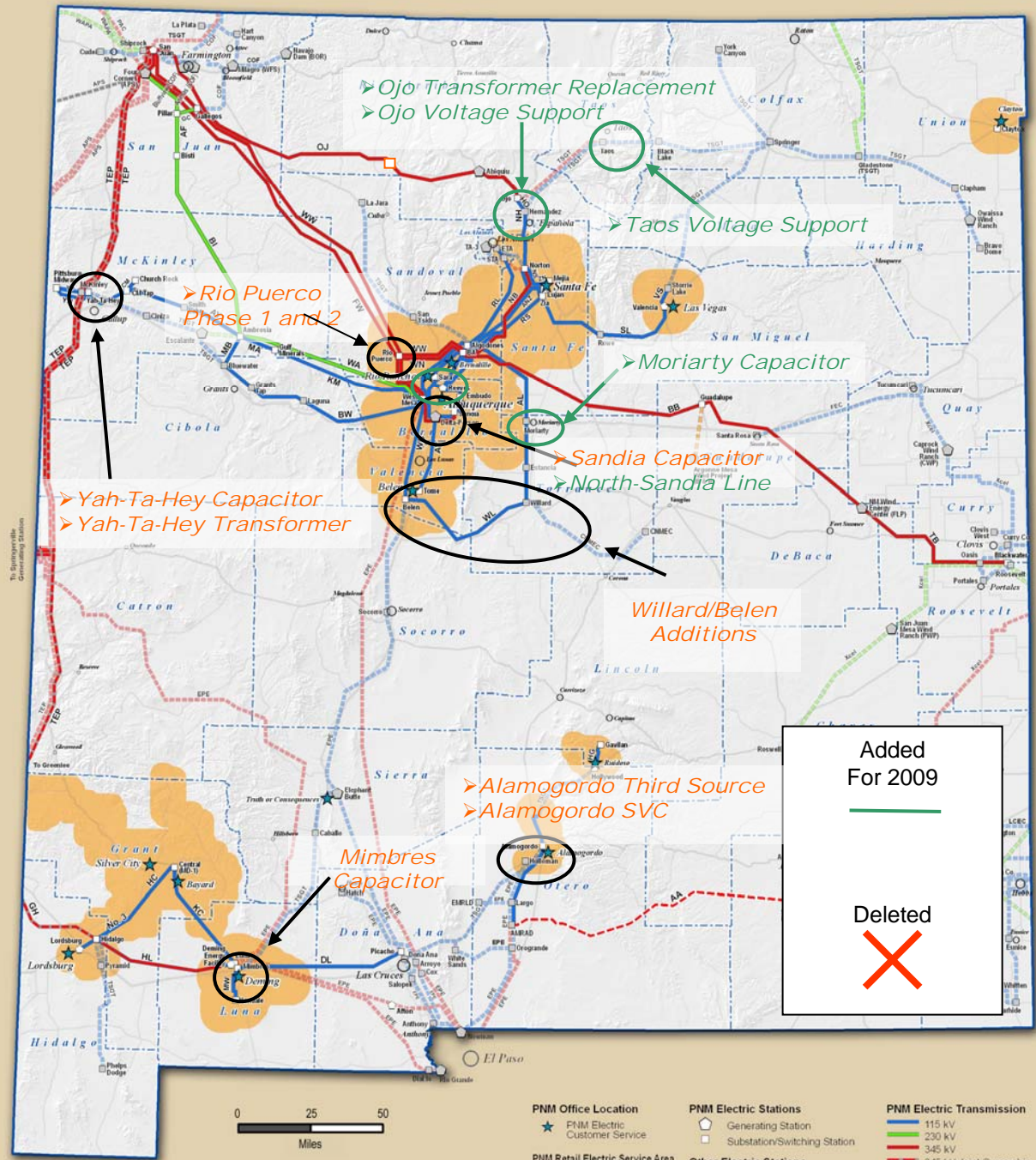
WestConnect Workshop
November 17, 2010
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2009 PNM Ten-Year Plan Review

- **For Reliability Compliance**
 - **2010**
 - Mimbres 115 kV Capacitor – 2010
 - Alamogordo Third Source - 2010
 - Yah-Ta-Hey 115 kV Capacitor - 2010
 - Belen Series Reactor - 2010
 - Rio Puerco Phase 1 – 345/115 kV Transformer - 2010
 - **2011**
 - Replace Ojo 345/115 kV Transformer
 - Sandia 115 kV Capacitor Upgrade
 - **2012**
 - Rio Puerco Phase 2 – San Juan-BA Line Loop-In
 - Alamogordo Dynamic Support
 - Voltage Support-Ojo
 - Moriarty Shunt Capacitor
 - Sandia-North 115 kV Line
 - **2013 +**
 - Yah-Ta-Hey Second Transformer – 2015
 - Voltage Support-Taos - 2014
- **Service to New Locations**
 - None
- **Generator Interconnection**
 - Belen Series Reactor - 2010
 - Willard-Belen 115 kV Rebuild, Willard-Algodones 115 kV Upgrades – 2008-2010



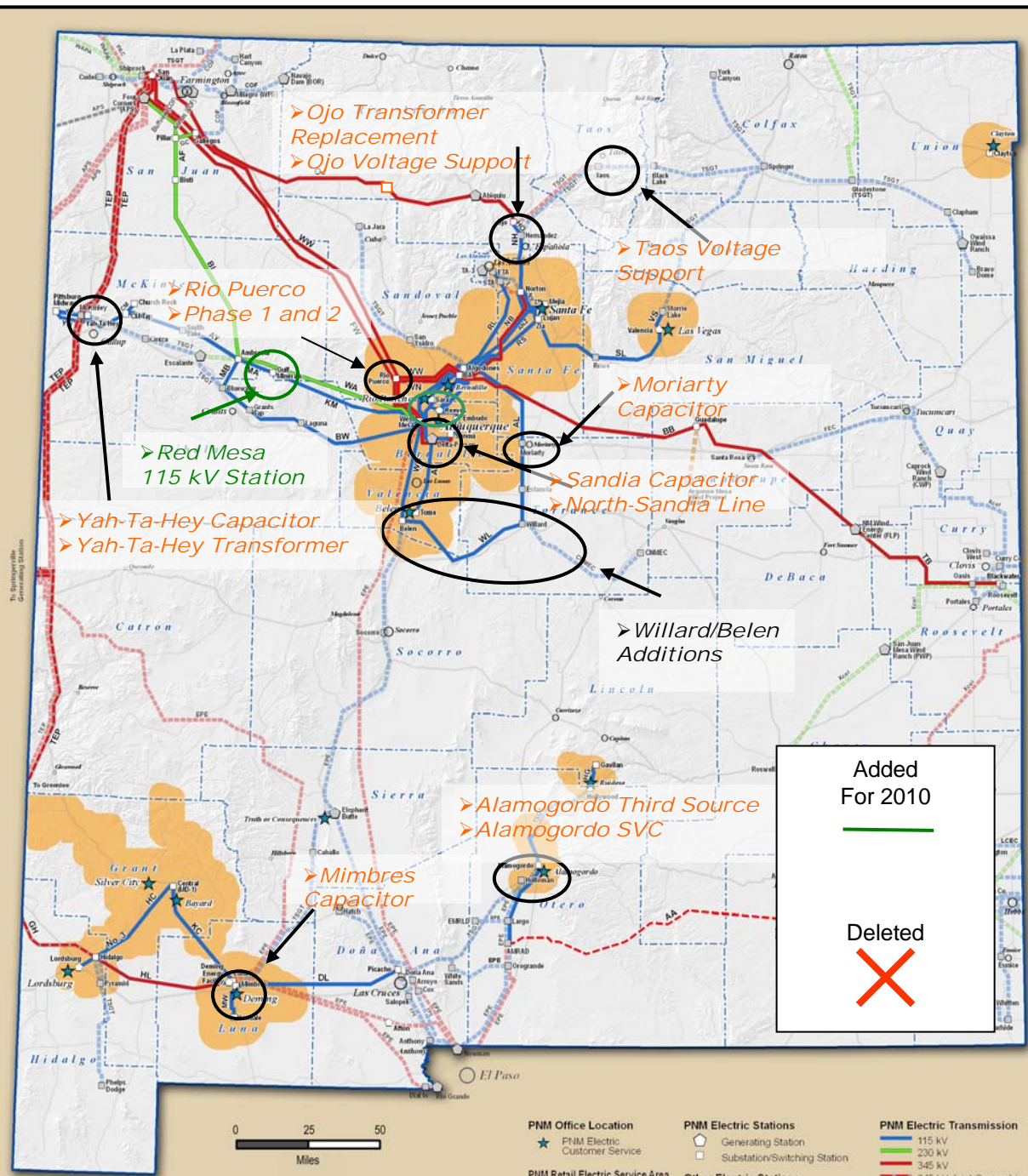
2009 Plan



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2010 Plan



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2010 PNM Ten-Year Plan Projects

- **For Reliability Compliance**

- 2010

- Mimbres 115 kV Capacitor – 2010
 - Yah-Ta-Hey 115 kV Capacitor - 2010
 - Rio Puerco Phase 1 – 345/115 kV Transformer – 2010
 - Red Mesa 115 kV Switching Station (Red Mesa Wind Farm interconnection point)

- 2011

- Alamogordo Third Source - Spring 2011
 - Sandia 115 kV Capacitor Upgrade
 - Belen Series Reactor

- 2012

- Moriarty Shunt Capacitor
 - Sandia-North 115 kV Line
 - Alamogordo Dynamic Support

- 2013

- Rio Puerco Phase 2 – San Juan-BA Line Loop-In
 - Replace Ojo 345/115 kV Transformer - 2013

- 2014

- Yah-Ta-Hey Second Transformer – 2014

- 2015 +

- Voltage Support-Taos – 2015
 - Voltage Support-Ojo - 2015

- **Service to New Locations**

- None

- **Generator Interconnection**

- Belen Series Reactor - 2011
 - Willard-Belen 115 kV Rebuild

- Completed
- New Timing
- New Project



Questions or Comments

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