Project: Second Tah Ta Hey 115/345 kV Transformer
Requestor: PNM
Location: Yah Ta Hey Switching Station

On January 9, 2015, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to expand and rebuild the Yah Ta Hey Switching Station and the addition of a breaker in the McKinley 345 kV station. The purpose of this project is to strengthen and expand the transmission system in northwest and New Mexico and ensure reliable service and will mitigate the overloads and low voltage conditions by providing additional transformer capacity consistent with NERC Reliability Standards.

This substation was completed in September of 2017.

Project: Richmond Switching Station
Requestor: PNM
Location: City of Albuquerque

On February 13, 2015, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to construct a new 115kV Switching Station north of Menaul Blvd and the Richmond Drive intersection. The purpose of this project is to strengthen and expand the transmission system in northeast and southeast Albuquerque to ensure reliable service and will mitigate the overloads under a single contingency consistent with NERC Reliability Standards.

This substation was completed in August of 2017.

Project: New 345kV Clines Corners Switching Station
Requestor: PNM
Location: Southeast Santa Fe County

On April 22, 2016, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to build a new 345kV three (3) Breaker Ring Bus Switching Station. The purpose of this project is to complete required transmission system upgrades in association with the interconnection of a wind farm to the Eastern Interconnect Project (“EIP”) transmission line.

This substation was completed in April of 2017 and the wind farm project interconnection was completed in June 2017.

Project: Alamogordo Replacement Capacitor Installation
Requestor: PNM
Location: Alamogordo Switching Station

On November 12, 2014, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to expand the Alamogordo 115 kV bus and to install a replacement 115 kV shunt capacitor bank after the failure and damage of an existing capacitor bank. The replacement capacitor banks are required to maintain compliance with NERC Reliability Standards for the Alamogordo Station.

This project was completed in March 2017.

Project: Installation of Shunt Reactors
Requestor: PNM
Status of PNM’s Completed Transmission Construction Projects  
10/31/2017

Location: San Juan 345 kV Switching Station

PNM will install one (1) shunt reactor circuit breaker and one (1) specialty shunt reactor switching device at the San Juan 345 kV Switching Station to permit full switching capability of the shunt reactors directly connected to the San Juan-BA 345 kV and to the San Juan-Ojo 345 kV line. The shunt reactor breaker installation on the San Juan-Ojo 345 kV line was completed August 2011.

This project was completed in June 2014.

Project: Installation of Shunt Capacitors  
Requestor: PNM  
Location: Alamogordo Switching Station, NM

On December 21, 2011, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to install two switched 16 Mvar shunt capacitor banks in the existing Alamogordo Switching Station in Otero County, NM to address low voltage conditions under outages of a 115 kV source in to the Alamogordo Switching Station or the Amrad 345/115 kV transformer.

The purpose of the project is to improve contingency voltage performance and low voltage conditions under outage conditions.

Project: Ojo Transformer Replacement  
Requestor: PNM  
Location: Ojo 345 kV Switching Station

On February 29, 2012, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to replace the existing Ojo 345/115 kV transformer located at the Ojo 345 kV Switching Station near Espanola, NM with a new 300 MVA transformer. The transformer will be installed by expanding the existing Ojo 345 kV switching station so that the existing transformer may remain in service throughout the construction process.

This project was put into service as of late June 2014.

Project: YP Line Clearance Improvements  
Requestor: PNM  
Location: Yah-Ta-Hey Switching Station

On August 15, 2014, PNM filed with the NMPRC under NMPRC Rule 440 information on a project for increasing clearance on the Yah-Ta-Hey – Pittsburg-Midway 115 kV (YP) transmission line. The project increases the current carrying capability by increasing the structure height to create additional clearance between the line conductor and the ground. The YP line serves load northwest of Gallup.

This project was completed in October 2014.

Project: YN Line Clearance Improvements  
Requestor: PNM  
Location: Yah-Ta-Hey Switching Station

On August 15, 2014, PNM filed with the NMPRC under NMPRC Rule 440 information on a project for increasing clearance on the Yah-Ta-Hey - Coalmine 115 kV (YN) transmission line. The project increases the current carrying capability by increasing the structure height to create additional clearance between the line conductor and the ground. The YN line serves load in the area of Gallup.
Project was placed into service in December 2014.

**Project:** Rio Puerco-Progress 115 kV Line  
**Requestor:** PNM  
**Location:** Northern Rio Rancho

On April 23, 2014, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to construct an 8 mile 115 kV line connecting the existing Rio Puerco Switching Station to the Progress 115 kV Substation (“Project”). The purpose of the Project is to insure reliable service to existing customers and to service new customers in northern Rio Rancho.

Project was placed into service in December 2014.

**Project:** Amrad-Artiesia 345 kV Line Rebuild  
**Requestor:** PNM  
**Location:** Chavez, NM

On August 15, 2014, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to rebuild a 17 mile section of the existing Amrad to Artesia 345 kV line (“Line”) due to damage as a result of two (2) severe back-to-back ice storms. The Line is operated by El Paso Electric Company (“EPE”) and jointly owned by EPE and PNM. The rebuild of the Line will return the southern NM transmission system to its normal configuration.

This Project was completed in April 2015.

**Project:** Installation of Shunt Reactors  
**Requestor:** PNM  
**Location:** San Juan 345 kV Switching Station

PNM will install one (1) shunt reactor circuit breaker and one (1) specialty shunt reactor switching device at the San Juan 345 kV Switching Station to permit full switching capability of the shunt reactors directly connected to the San Juan-BA 345 kV and to the San Juan-Ojo 345 kV line. The shunt reactor breaker installation on the San Juan-Ojo 345 kV line was completed August 2011.

This project has a projected completion date, for the shunt reactor switching device on the San Juan-BA 345 kV line, of the 4th quarter of 2015.

This Project completed in January 2016.
Status of PNM’s Completed Transmission Construction Projects
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Project: La Morada Substation
Requestor: PNM
Location: NW Albuquerque

On November 12, 2014, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to construct a new 115 kV substation in northwest Albuquerque. The substation will serve customers south of Ouray to I-40 and west of Alamogordo Drive, supporting the existing load and expected new growth. The substation will also provide back-up support under contingency situation for St. Joseph, Unser and Volcano Substations.

This Project completed in December 2015.

Project: Rio Puerco Switching Station Expansion
Requestor: PNM
Location: Rio Puerco Switching Station

On April 23, 2014 PNM filed with the NMPRC under NMPRC Rule 440 information on a project to expand the existing Rio Puerco 345 kV station to loop-in the Four Corners-West Mesa 345 kV (“FW”) and San Juan-Bernalillo 345 kV (“WW”) lines and protection modifications for the existing Rio Puerco series capacitor banks. The expansion will be configured to accommodate the planned addition of Static VAR Compensation (SVC) at Rio Puerco.

This project was energized in April 2016

Project: Rio Puerco SVC
Requestor: PNM
Location: Rio Puerco Switching Station

On April 25, 2014 PNM filed with the NMPRC under NMPRC Rule 440 information on a project to install a Static Var Compensator (“SVC”) within PNM’s existing Rio Puerco 345 kV Switching Station boundaries. The SVC project will maximize the import capabilities over PNM’s Northern New Mexico transmission Path 48. The purpose of the SVC project is to ensure that PNM’s bulk power system will continue to provide reliable service to PNM customers.

This project was energized in June 2016.

Project: College Substation
Requestor: PNM
Location: SE Valencia County

On November 12, 2014, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to construct a new 115 kV substation in southeast Valencia County. The substation will serve customers south of Highway 263, support the existing demand and load growth along the Highway 47 corridor and the Manzano Expressway. The Substation will also provide back-up support during contingency situations for the Tome, Manzano and El Cerro Substations which currently provide the distribution delivery for this area.

This project was energized in July 2016.

Project: Blackwater 345 kV Switching Station Expansion
Requestor: PNM
Location: Blackwater 345 kV Switching Station

On December 18, 2015, PNM filed with the NMPRC under NMPRC Rule 440 information on a project to expand the Blackwater 345 kV switching station. The purpose of this Project is to allow interconnection of a 345kV transmission line for Western Interconnect, LLC.

This project was completed on February 2, 2017.