Topic: Supply Resources

Where are we?

PNM's Current Portfolio

	Solar	Battery	Wind	Geo	Nuclear	Gas	Coal	DSM
Capacity	1,617 MW	633 MW	658 MW	11 MW	268 MW	871 MW	200 MW	33 MW

Year End 2024

	Solar	Battery	Wind	Geo	Nuclear	Gas	Coal	DSM
Energy	2,678 GWh	1,343 GWh	1,882 GWh	26 GWh	2,299 GWh	2,187 GWh	437 GWh	0.2 GWh
	28%		20%	0.3%	24%	23%	5%	

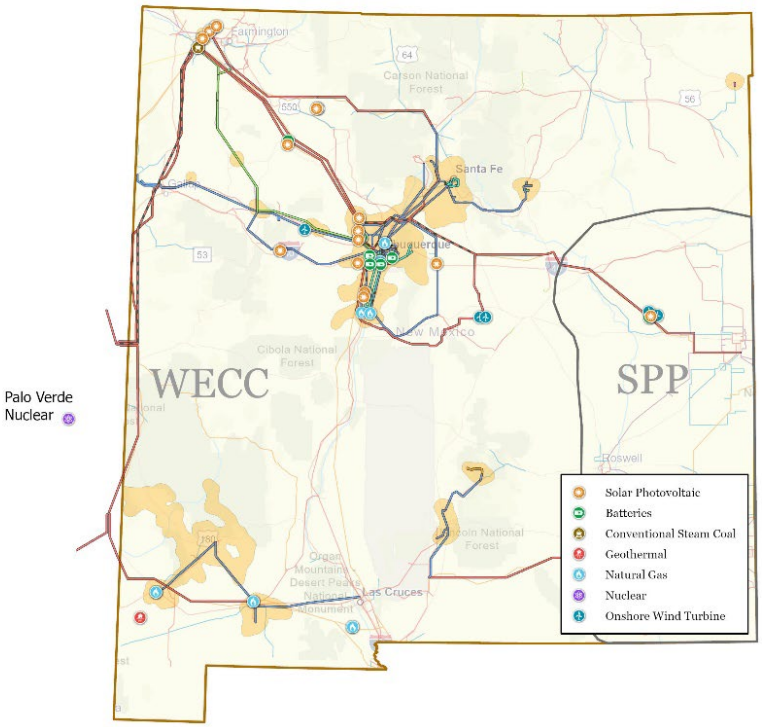
PNM is on track for meeting Energy Transition Act (ETA) mandates:

By 2026, PNM's energy production from approved resources will be comprised of 71% zero carbon resources

By 2028, PNM's energy production from approved resources will grow to 78% zero carbon

By 2032, PNM's portfolio of resources will have eliminated all coal resources

Where are the resources?



Where are we going?

2026 IRP Candidate Technologies	IRP Considerations				Other Impacts	
	Environment	Reliability		Affordability		
	Carbon Free	Flexible	System Contribution	Costs[1]	First Avail	Location/Siting
Battery Storage (long duration-8hr)	✓	✓	Store & discharge energy	**$2,400/kW**	**2029**	Flexible & modular can be sited almost anywhere
Battery Storage (short duration-4hr)	✓	✓	Store & discharge energy	**$1,700/kW**	**2029**	Flexible & modular can be sited almost anywhere
Compressed Air Energy Storage	✓	✓	Store & discharge energy	**$4,000/kW**	**2035**	Geographical limitations. Siting is limited to where salt caverns are; may be far from available transmission
Natural Gas		✓	Dispatchable	**$1,900/kW-$2,900/kW**	**2030/31**	Flexible, most economic to be site near gas pipeline
Electrolysis[2]			Converts water to H2 and O2.	**$1,200/kW**	**2031**	Needs substantial water
Natural Gas with Carbon Capture		✓	Captures CO2 and stores it	**$5,000 $/kW**	**2031**	Geographical limitations. Needs to be sited near geologic caverns to sequester carbon
Linear Generator		✓	Dispatchable	**$3,000/kW**	**2030**	Flexible & modular can be sited almost anywhere depending on fuel source
Enhanced Geothermal	✓		Around the clock energy	**$15,700/kW**	**2033**	Geographic limitations, may be far from available transmission
Iron Air Storage	✓	✓	Store & discharge energy	**$5,000/kW**	**2029**	Flexible & modular can be sited almost anywhere
Pumped Hydro	✓		Store & discharge energy	**$3,500/kW**	**2034**	Geographical limitations. Requires site to be near aquatic bodies
Small Modular Reactor	✓		Around the clock energy	**$6,300/kW**	**2035**	Will require specific siting conditions
Solar	✓		Only available during daylight	**$1,500/kW**	**2029**	Flexible & modular can be sited almost anywhere
Wind	✓		Only available when windy	**$2,300/kW**	**2033**	Flexible & modular. Geographical limitations. Best sites are along the eastern border of NM away from existing transmission lines

[1] *Technology costs are preliminary and subject to change*
[2] *Electrolysis requires a storage not shown on this table*

Timeline for Approval

Mature Technologies (commercially available today)

4-5.5 Years

Emerging/Evolving Technologies (not commercially available today)

7-10.5 Years