

NEW MEXICO



PUBLIC REGULATION COMMISSION



A regulatory perspective . . .

Jason Marks

Commissioner, NM PRC

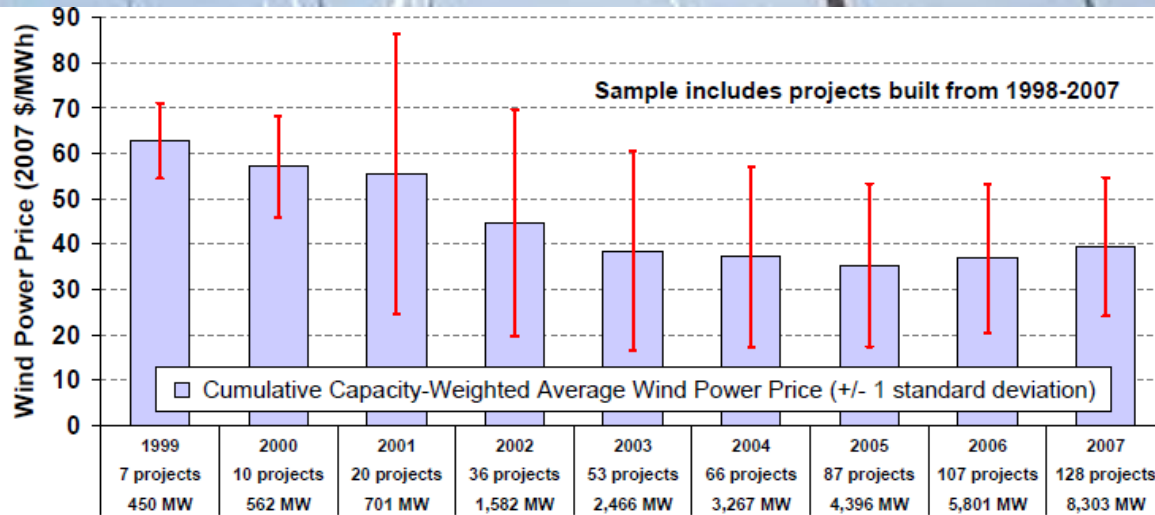
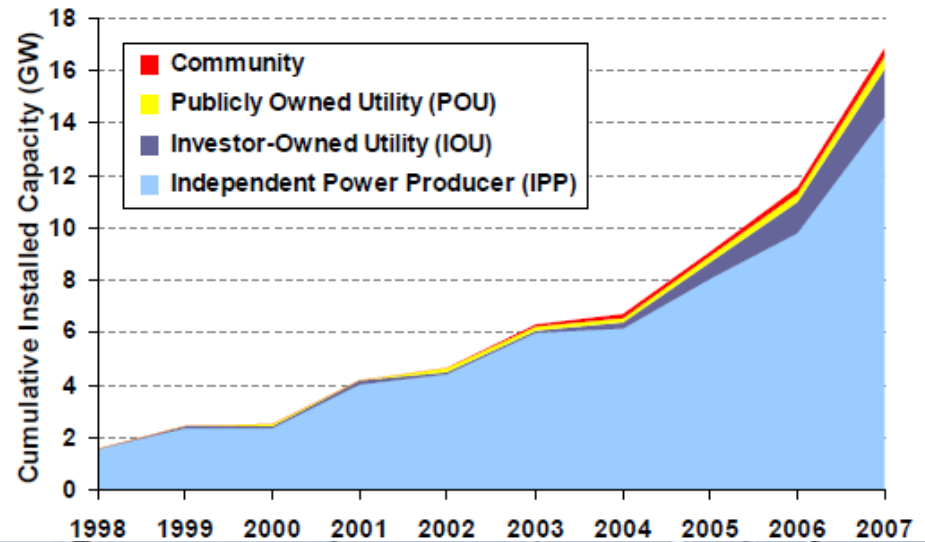
October 7, 2009

NEPI, Tulsa, Oklahoma



Wind Energy – Prime Mover in R.E

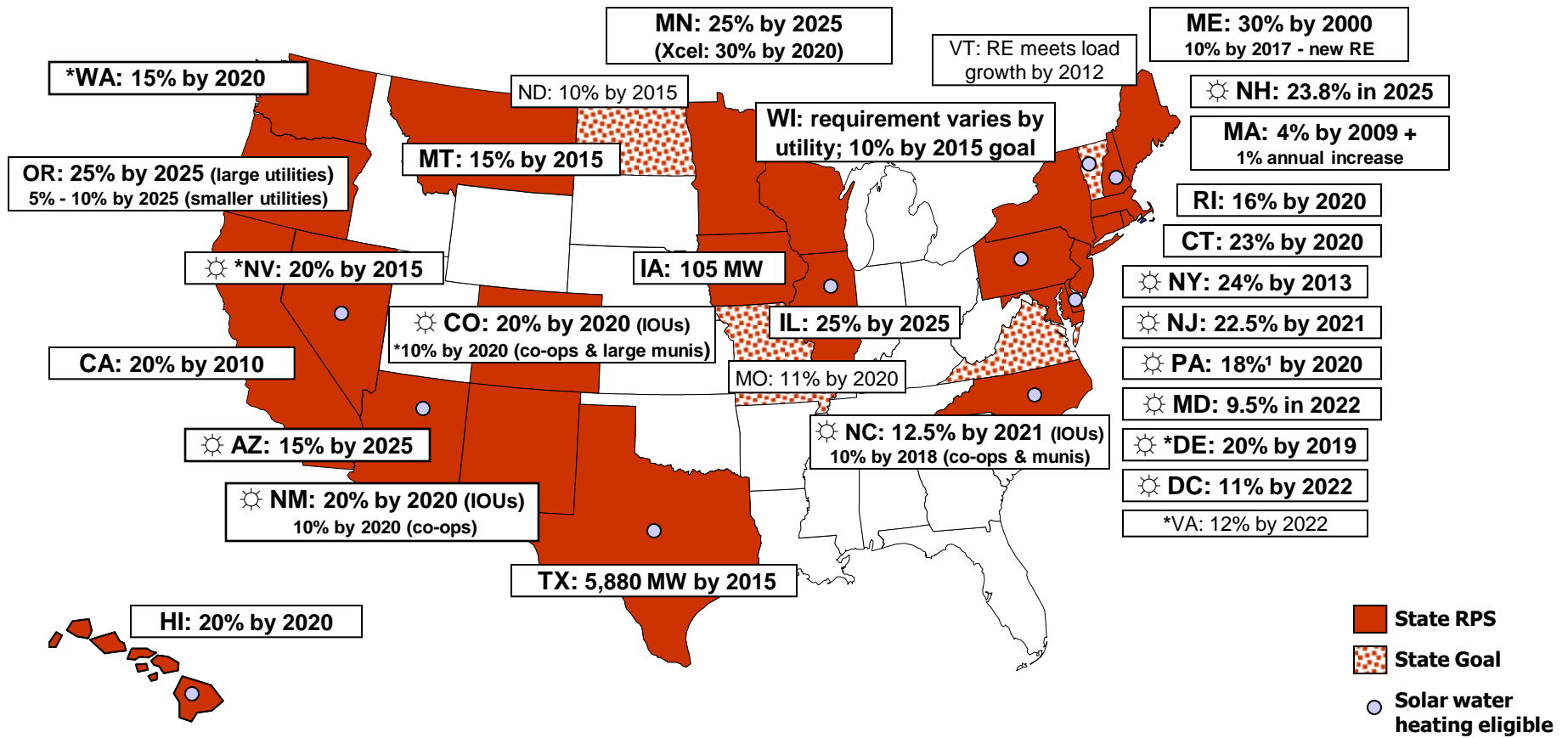
- Approx 17,000 MW installed capacity
- 5000 MW added in 2007
- Utility ownership has begun
- Cost \$23 - \$60/mwh after PTC
- PTC = \$18/mwh
- Prices increasing due to materials, devaluation of Exchange Rate



Source: Berkeley Lab database

State Renewable Portfolio Standards

Source: dsireusa.org/Sept 2007

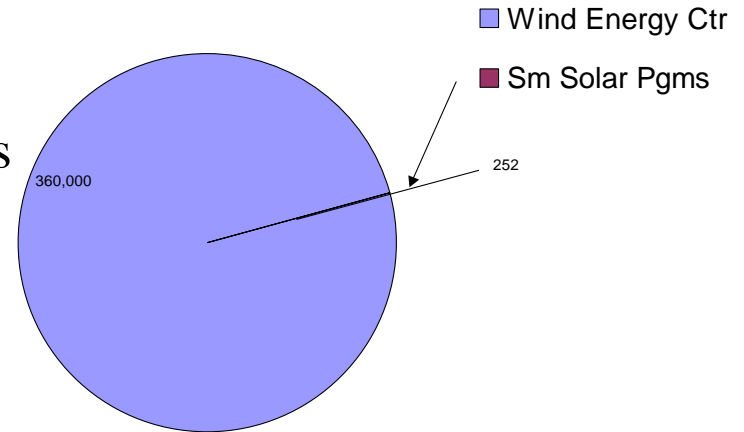


New Mexico Renewable Energy Act: NMSA § 62-16-1
A Renewable Portfolio Standard (RPS) Law

- R.E.: solar, wind, biomass, geothermal
- Scope: IOUs, Co-ops (lower requirement)
- RPS
 - 5% of retail sales in 2006
 - 10% of retail sales in 2011
 - 15% in 2015, 20% in 2020
- Reasonable Cost Thresholds
- Annual Procurement Plans
- Resource Diversity Rules:
 - 20% Solar
 - 1.5% - 3% Distributed Generation

Creating resource diversity

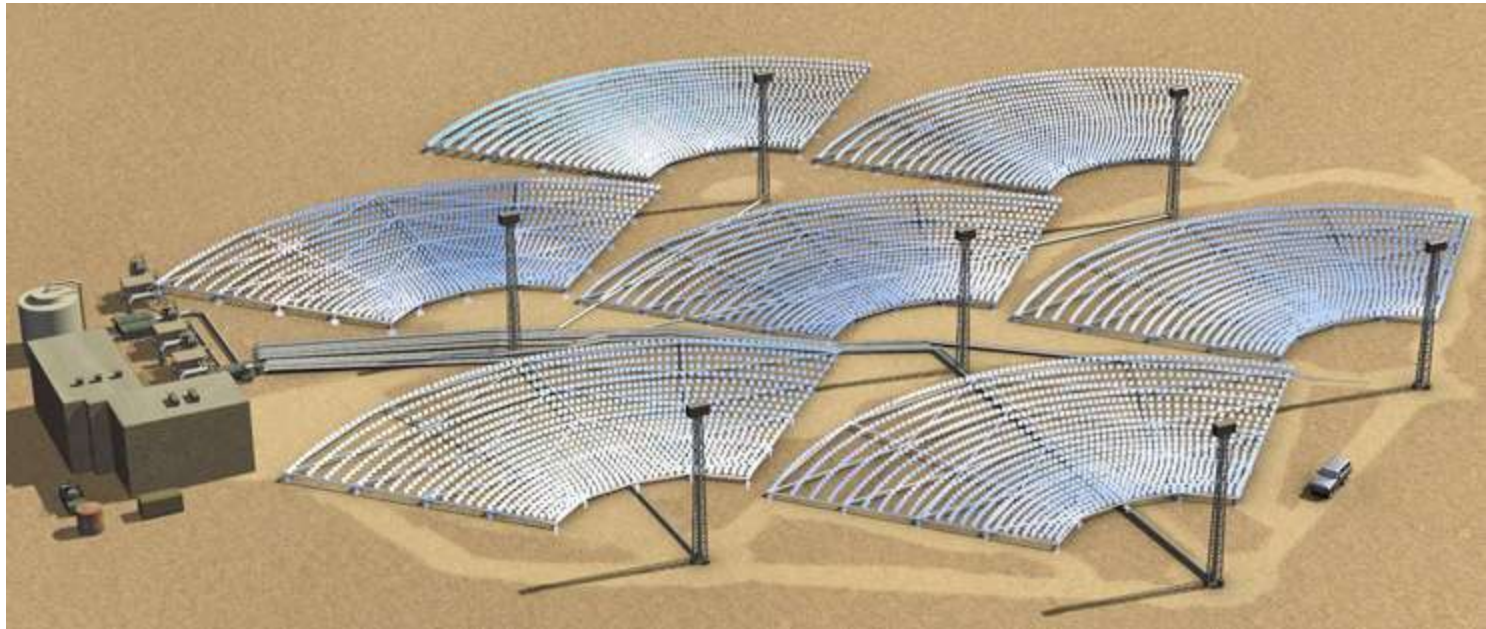
- 2004 NM starts RPS with weighted RECs for solar, biomass, and geothermal



- 2007 NM switches to carve-outs
- 2009 Active D.G. programs for all three IOUs, 92 MW CSP Plant in process, biogas plant proposed
- 2009 ACES bill includes 3:1 weighting for distributed generation (H.R. 2454, Section 101(e)(4)).

utility-scale solar projects in N.M.

- El Paso Electric – 92 MW solar thermal plant. 64 MW PPA w/ eSolar approved by PRC.



- TriState/FirstSolar 30 MW PV in Colfax County

supporting distributed generation: customer-owned PV incentive programs

Utility	Program	Incentive payment per kwh	Duration of payments
PNM	Residential (<=10kw)	\$0.13	12 years
	Commercial (10kw - 1 MW)	\$0.15	20 years
EPE	Residential (<10kw)	\$0.13	12 years
SPS	Small (<=10 kw)	\$0.20	14 years
	Medium (10 kw - 100 kw)	\$0.20	10 years
	Large (100kw - 2MW)	By bid	
	Small Biomass (10 – 50kw)	\$0.08	14 years
	Med Biomass (50kw – 1MW)	\$0.08	10 years

customer-owned PV incentive programs

Grid Tied PV Receiving incentive Payments
Public Service Co. of NM

