

Interwest Energy Alliance



Sarah Cottrell Propst

Executive Director

September 1, 2017

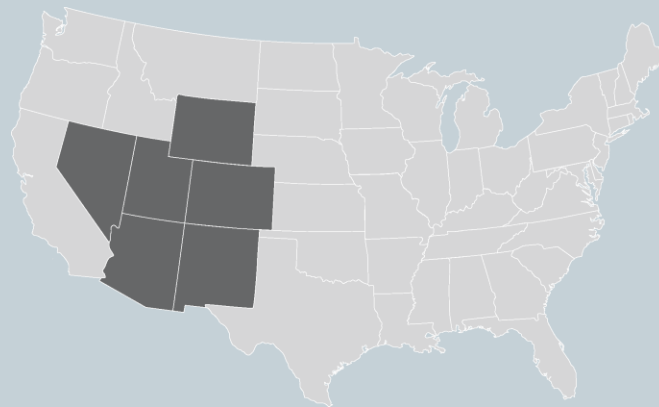
**Presentation to New Mexico Economic
& Rural Development Committee**

Cimarron, NM

About Interwest Energy Alliance

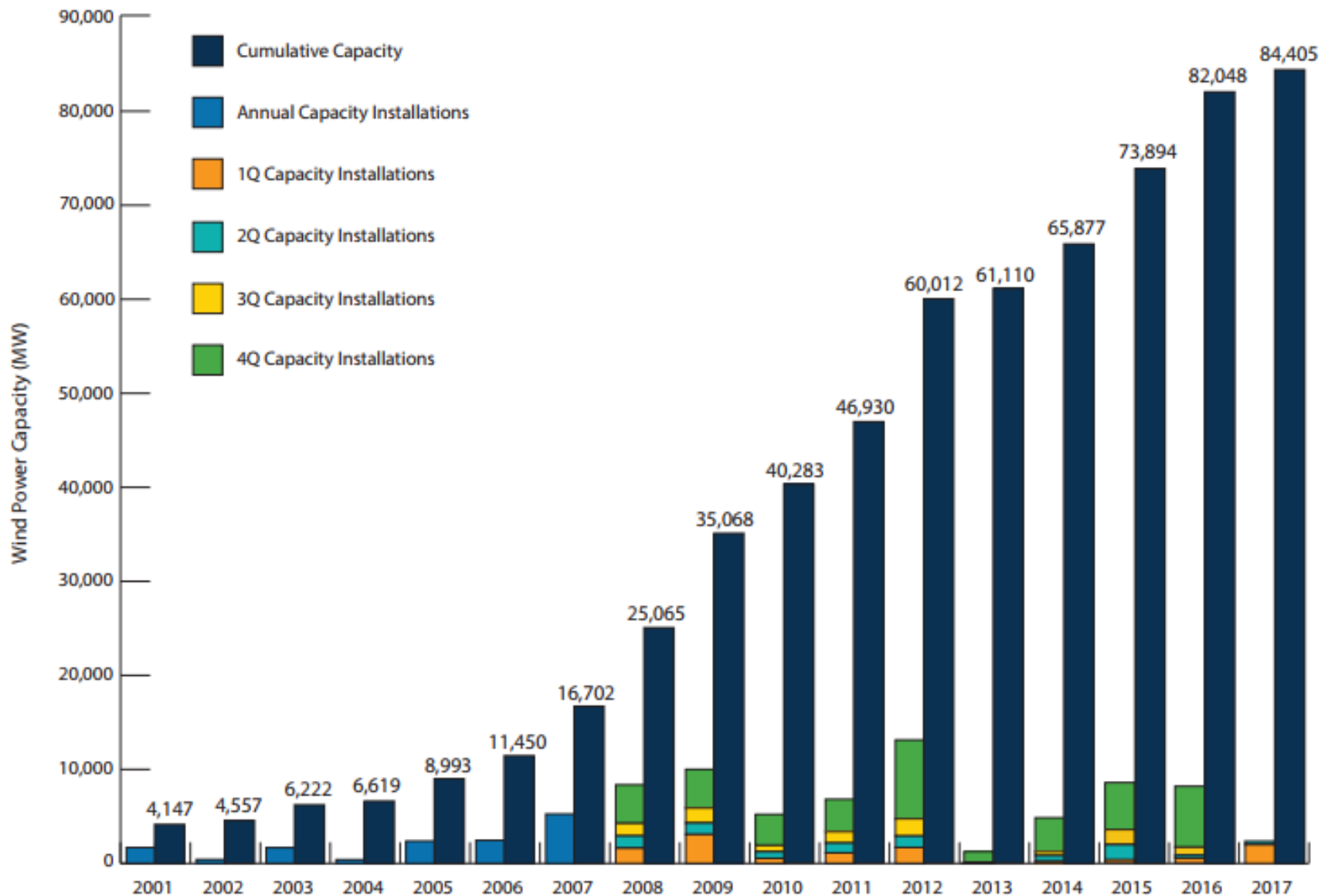


- **Interwest Energy Alliance** is a non-profit trade association that brings the **renewable energy industry** together with the environmental **advocacy community**.
- Our **mission** is to make the Intermountain West a leader in deployment of **reliable, cost-effective, and diverse** renewable energy resources.



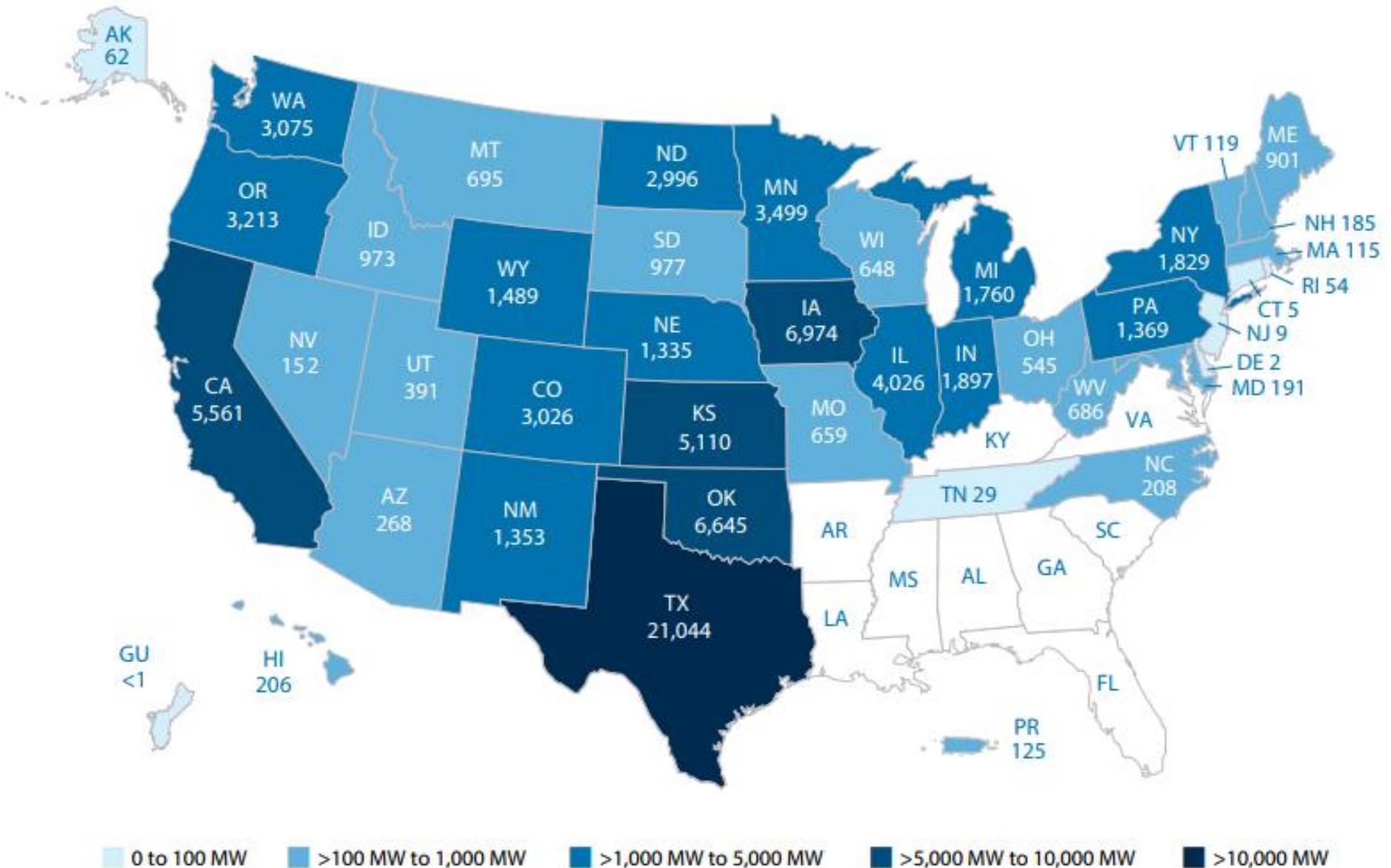
*Interwest works in Arizona, Colorado, Nevada,
New Mexico, Utah, and Wyoming*

U.S. Annual and Cumulative Wind Power Capacity Growth

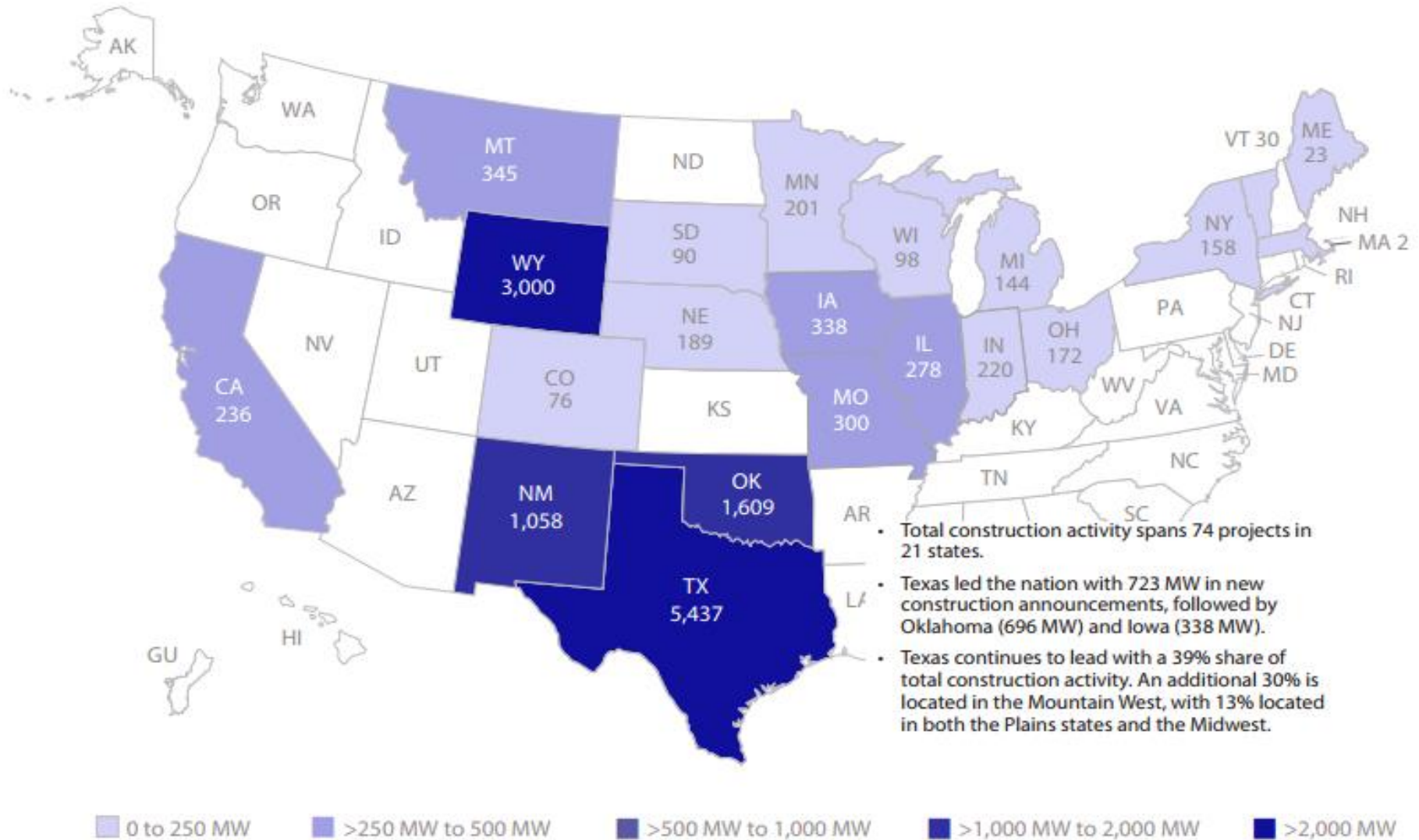


Note: Utility-scale wind capacity includes installations of wind turbines larger than 100-kW for the purpose of the AWEA U.S. Wind Industry Quarterly Market Reports. Annual capacity additions and cumulative capacity may not always add up due to decommissioned and repowered wind capacity. Wind capacity data for each year is continuously updated as information changes.

U.S. Wind Power Capacity by State



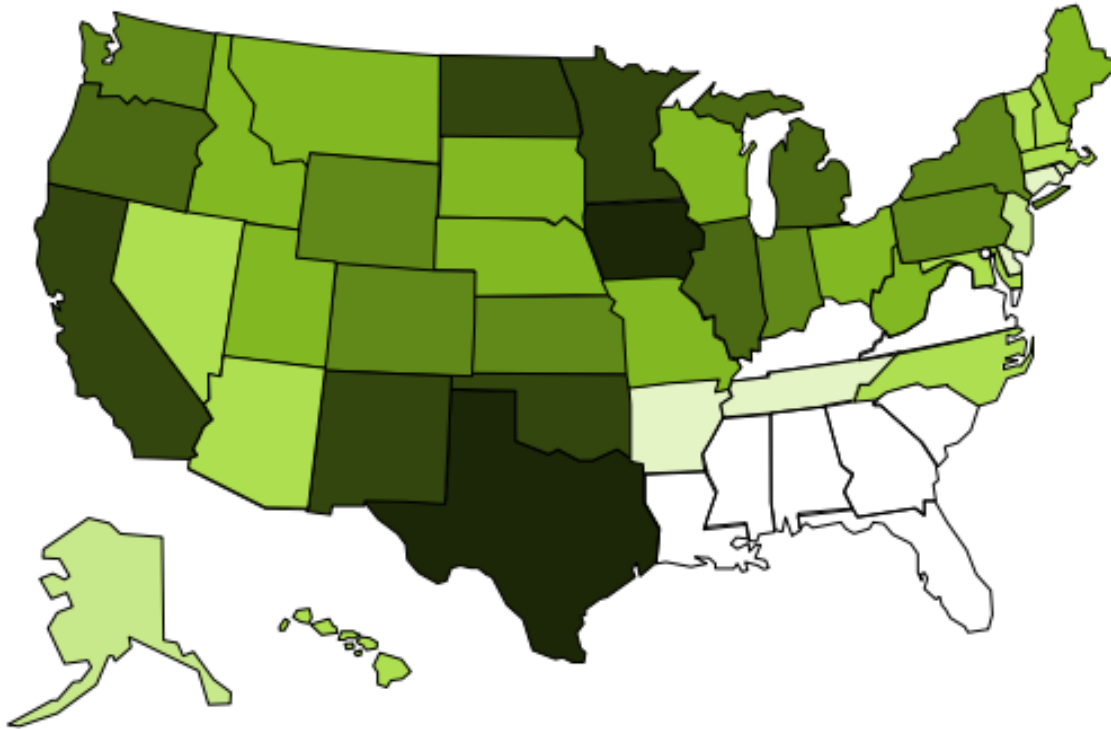
Wind Power Capacity Under Construction



Note: Project developers self-report projects as under construction. The AWEA under construction definition is at the discretion of the project developer and may be different from the start construction definition under IRS Notices 2013-29 and 2013-60; projects are presumed to have taken steps to qualify for the PTC through safe harbor or physical construction.

States with the most total income, sales, and property tax paid by wind project owners in 2020 are TX, IA, and NM.

2020 State-by-State Income, Sales, and Property Tax [2016\$ in millions]



Range		Unit	Color
Greater than	200	\$MM	
100	to 200	\$MM	
50	to 100	\$MM	
20	to 50	\$MM	
10	to 20	\$MM	
5	to 10	\$MM	
2	to 5	\$MM	
1	to 2	\$MM	
Less than	1	\$MM	
None			

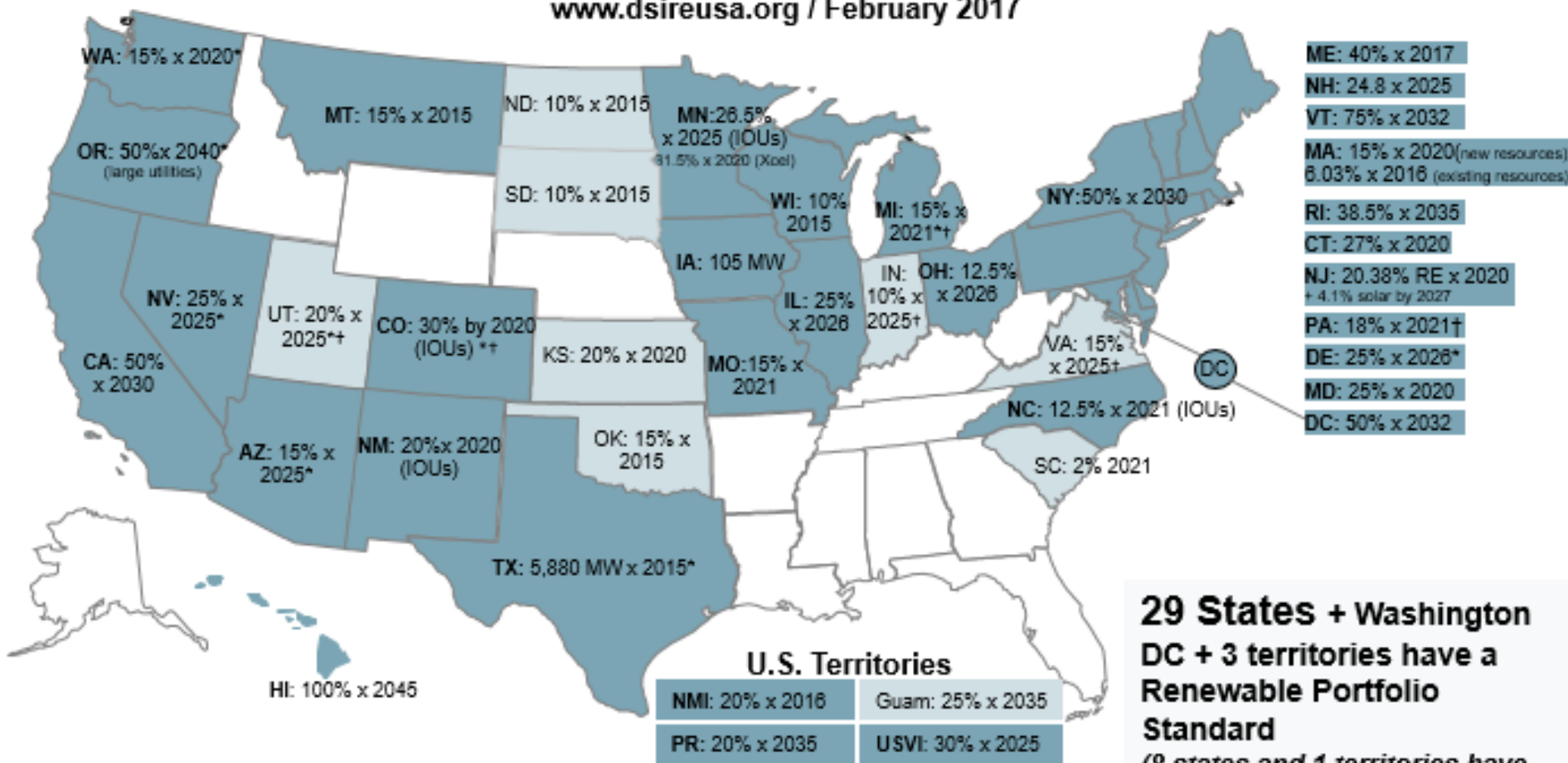
Rank	State	Taxes (\$MM) (2020)
1	Texas	\$590
2	Iowa	\$370
3	New Mexico	\$290

Notes:
 1. Plot shows the 2020 income, sales, and property tax paid by owners of wind projects in millions of 2016\$.

Source: Navigant. "Economic Development Impacts of Wind Projects: Jobs and Economic Impacts Resulting from U.S. Wind Projects 2017-2020." Prepared for AWEA. March 2017.

Renewable Portfolio Standard Policies

www.dsireusa.org / February 2017



29 States + Washington DC + 3 territories have a Renewable Portfolio Standard
(8 states and 1 territories have renewable portfolio goals)

Renewable portfolio standard
 Renewable portfolio goal
* Extra credit for solar or customer-sited renewables
† Includes non-renewable alternative resources

Tax Policy



- **New Mexico renewable energy production tax credit**
 - Expires December 2017
 - \$0.01/kWh for wind and biomass; \$0.027/kWh (average) for solar; statewide cap to limit fiscal impact
 - Efforts to extend during last several sessions were unsuccessful
- **Other western state tax policies**
 - Colorado Enterprise Zone Tax Credit
 - ✦ Refundable for renewables, with caps
 - ✦ <https://choosecolorado.com/doing-business/incentives-financing/ez/>
 - Kansas 10-year property tax exemption
 - ✦ <http://programs.dsireusa.org/system/program/detail/75>
 - Nevada Renewable Energy Tax Abatement
 - ✦ Up to 55% property tax abatement for 20 years
 - ✦ http://energy.nv.gov/Programs/Renewable_Energy_Tax_Abatements/

Policies & Opportunities



- **Green tariff or other direct renewable energy procurement option**
 - E.g., Facebook solar deal
 - Non-utility purchasers were 39% of the market in 2016
- **Regional energy imbalance market (EIM)**
 - Step 1: Utility conducts cost-benefit study
 - Members include PacifiCorp, APS, NV Energy
- **Coal unit retirements & replacement power**
 - Nevada SB 123 (2015) proactive legislation
 - Colorado Clean Air Clean Jobs
 - NM San Juan Generating Station (no legislation at this point)

Thank You



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