

US Low-Carbon City Activities

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US Low-Carbon Cities activities are occurring at all levels of government

- National level
 - US Department of Energy (US DOE)
 - US Environmental Protection Agency (US EPA)
- State level
- City level



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Multiple US DOE Offices work with cities

- ▶ Office of Energy Efficiency and Renewable Energy (EERE) Clean Cities program promotes efficient and alternative city transportation activities¹
- ▶ EERE Weatherization & Intergovernmental Program Office supports residential energy efficiency through the Weatherization Assistance Program (\$5 billion in ARRA funding)²
- ▶ Office of Electricity Delivery & Energy Reliability supports local smart grid and distributed generation activities³

¹ <http://www1.eere.energy.gov/cleancities/>

² <http://www1.eere.energy.gov/wip/>

³ <http://www.oe.energy.gov/>



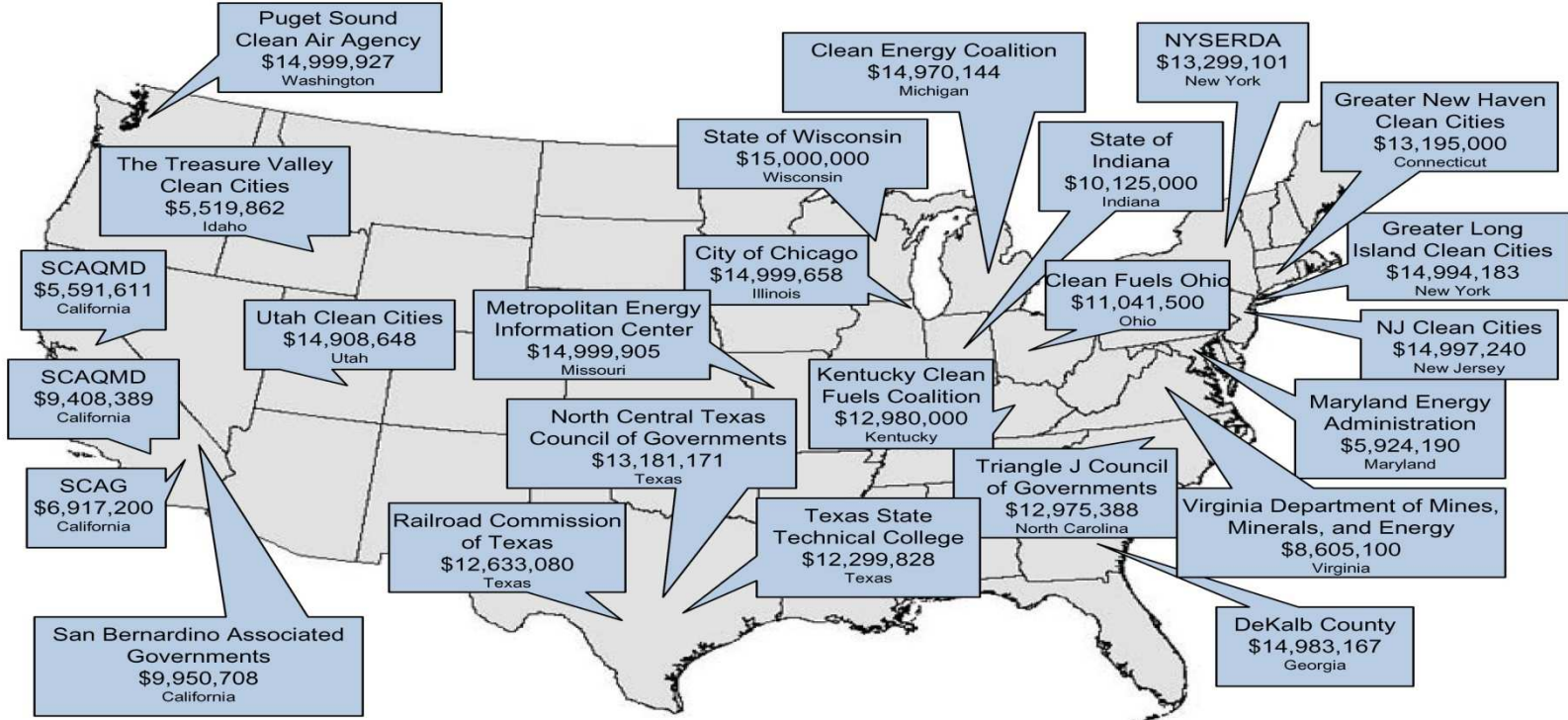
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The US Recovery Act (ARRA) provided \$300 million to Clean Cities in 2009


U.S. Department of Energy
Energy Efficiency and Renewable Energy
 Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

Clean Cities Recovery Act Awards
Geographical Distribution



Many awards involve regional or multi-state projects and may not be limited to the state of the grantee



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US EPA has programs at both the state and local levels that support national goals

▶ State Climate and Energy Program¹

- Works with states to develop overall clean energy policies
 - Reduce greenhouse gas emissions
 - Lower energy costs
 - Improve local air quality and public health
 - Promote economic development

▶ Local Climate and Energy Program¹

- Works with local governments to develop cost-effective climate change and clean energy strategies
 - Case studies
 - Climate change action plans
 - Peer exchange training

¹ <http://epa.gov/statelocalclimate/>



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State governments work both locally and regionally on climate change issues

- ▶ In 2010 the National Governors Association reported the state-by-state breakdown of clean energy activities¹
 - 49 states have adopted or updated policies related to clean electricity
 - 47 states expanded energy efficiency activities
 - 37 states developed specific policies to promote green economic development

- ▶ Many states are joining together to form regional climate change initiatives²
 - Regional Greenhouse Gas Initiative (NE)
 - Midwest GHG Reduction Accord
 - Western Climate Initiative

¹ <http://epa.gov/statelocalclimate/>

² http://www.pewclimate.org/what_s_being_done/in_the_states/regional_initiatives.cfm

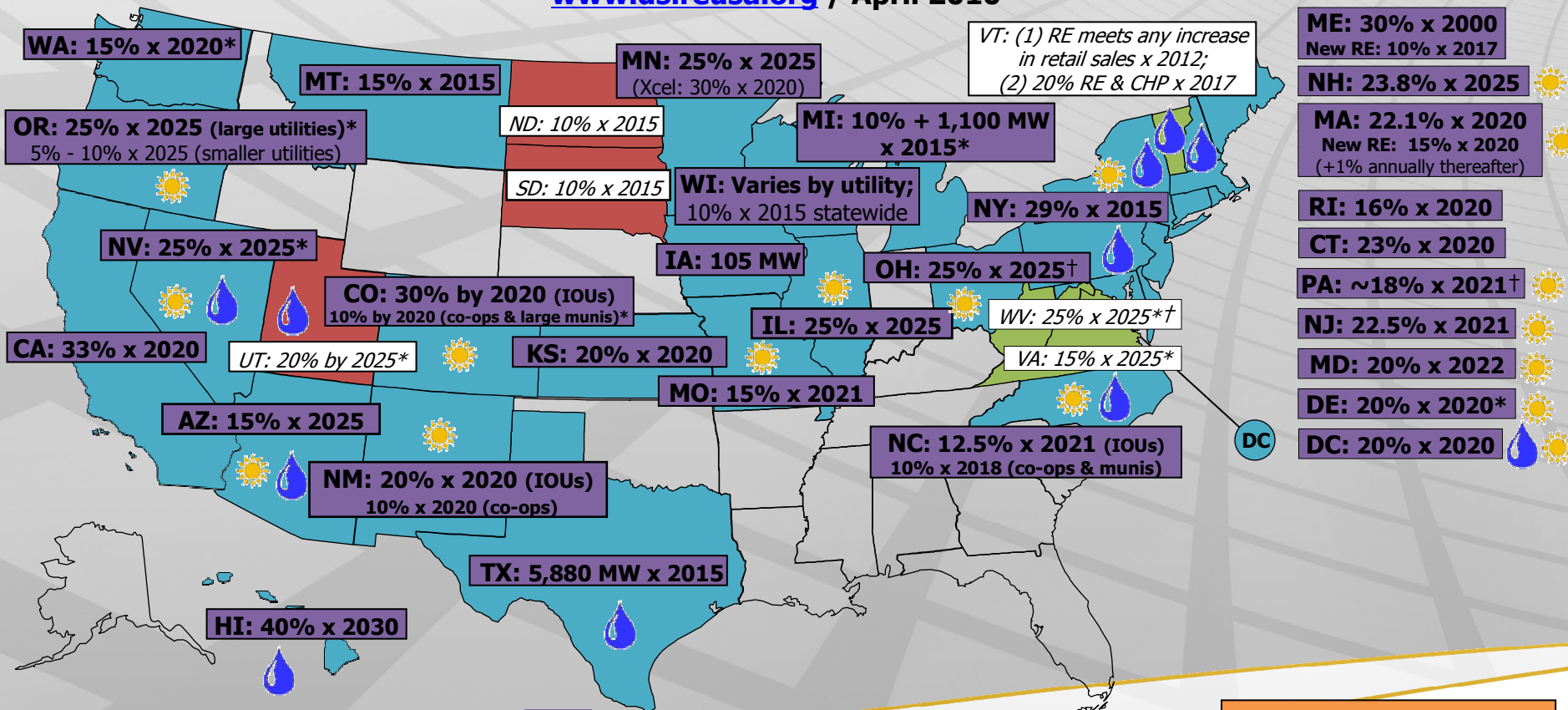


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State Renewable Portfolio Standards (RPS)

www.dsireusa.org / April 2010



- State renewable portfolio standard
- State renewable portfolio goal
- Solar water heating eligible
- Minimum solar or customer-sited requirement
- Extra credit for solar or customer-sited renewables
- Includes non-renewable alternative resources

29 states + DC have an RPS
(6 states have goals)

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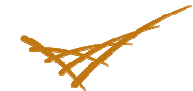
Mayors are taking the lead at the local level

The US Conference of Mayors leads local activities

- ▶ 1,044 Mayors have joined the US Mayors Climate Protection Agreement¹
- ▶ Mayors and Climate Protection Best Practices was published in June 2010²
 - Large city and small city best practice models
 - Chicago, Illinois top large city
 - North Little Rock, Arkansas top small city

¹ <http://usmayors.org/climateprotection/agreement.htm>

² <http://www.usmayors.org/climateprotection/documents/2010-mcpc-bestpractices.pdf>

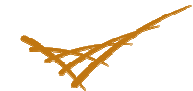


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Thank you for you attention!

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