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# State Action on Climate Change

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Director of Innovative Solutions

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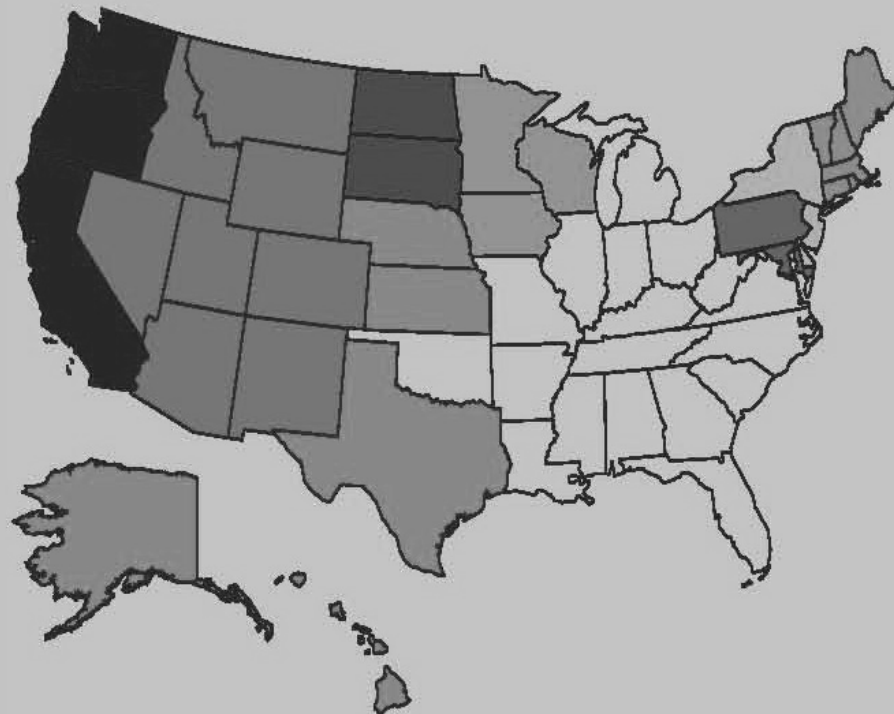
## Pew Center on Global Climate Change

January 25, 2005

# + The landscape of state policies

- + • Direct and indirect GHG emission reductions
- + • Almost every state is doing something:
  - + – Regional initiatives
  - + – Climate Action Plans
  - + – Electricity (Renewable Energy Mandates, Net Metering, Public Benefit Funds, Green pricing)
  - + – Transportation (CA GHG vehicle standards, smart growth, transportation management, cleaner fuels and vehicles)
  - + – Ag and Forestry (sequestration, renewable energy, biofuels)
  - + – Other (e.g., waste management)

States Involved in **Regional Initiatives**  
on Climate Change and Clean Energy



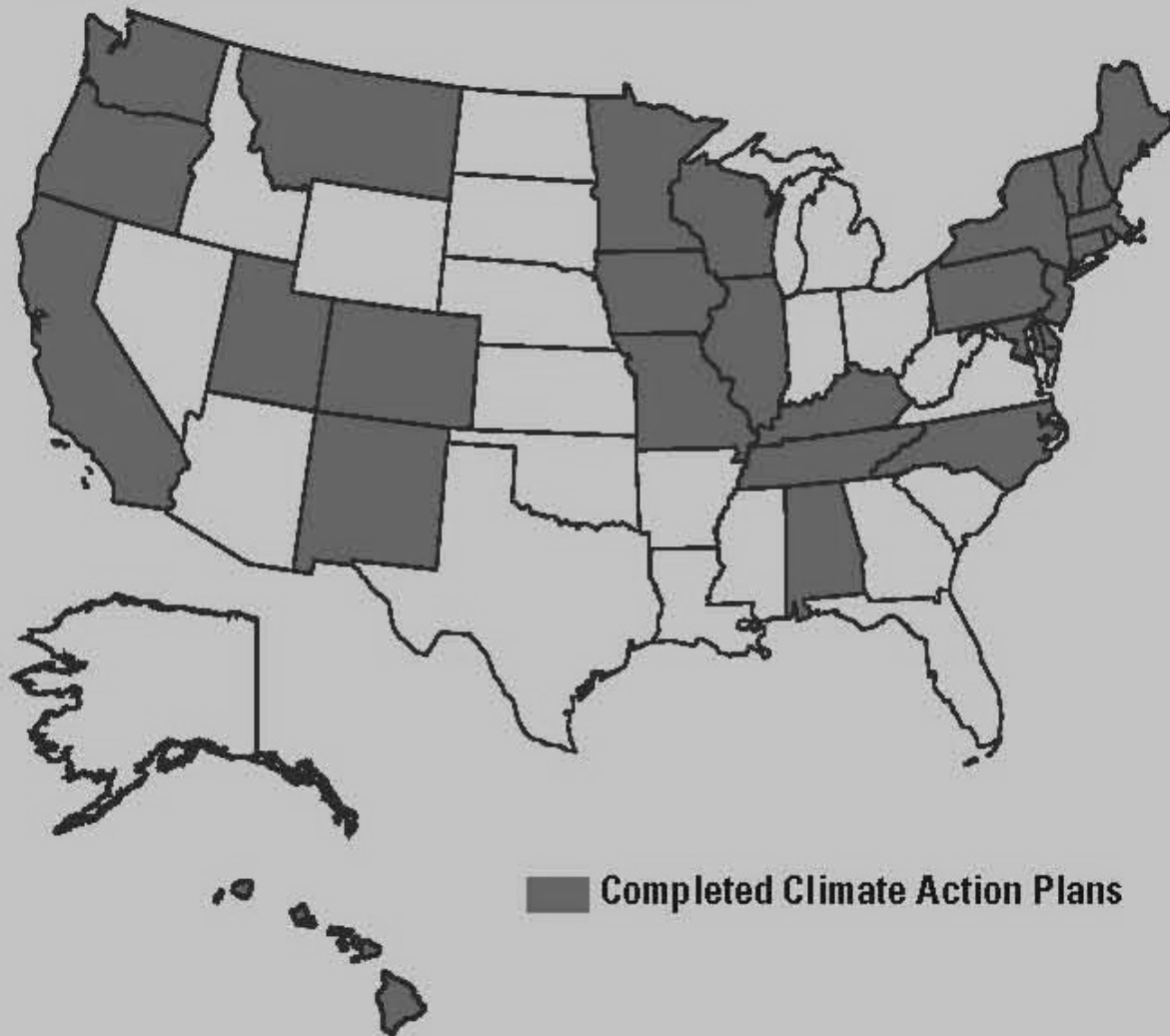
- |                               |  |
|-------------------------------|--|
| States in RGGI                | States in Powering the Plains and WGA                          |
| States in NEG-ECP and RGGI    | States in WREGIS and WGA                                       |
| States observing RGGI         | States in WGA  |
| States in Powering the Plains | States in the West Coast Governors' Initiative, WREGIS and WGA |

# + California vehicle GHG standards

+ States Poised to Follow California's vehicle GHG Emissions standards

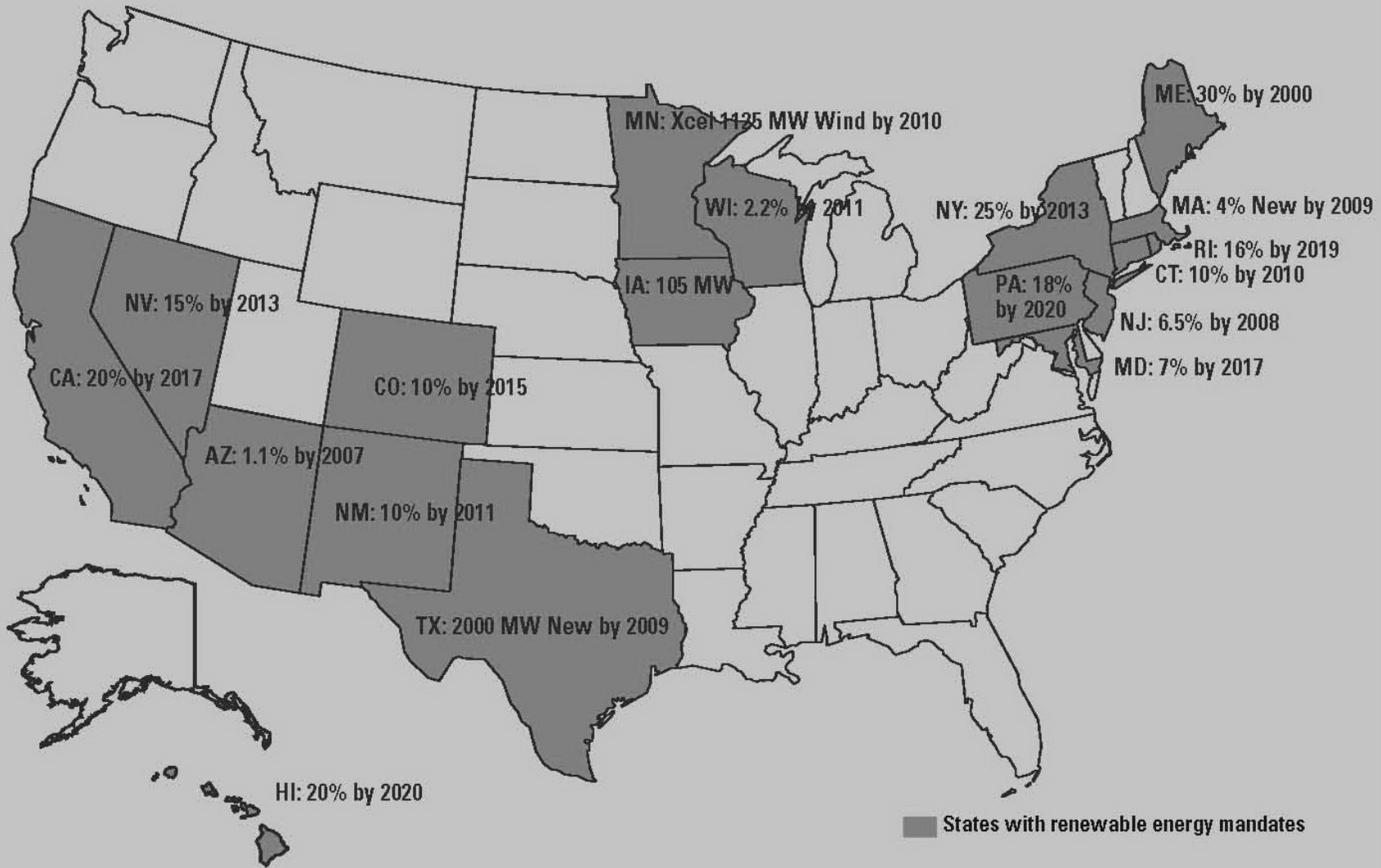


# Climate Action Plans

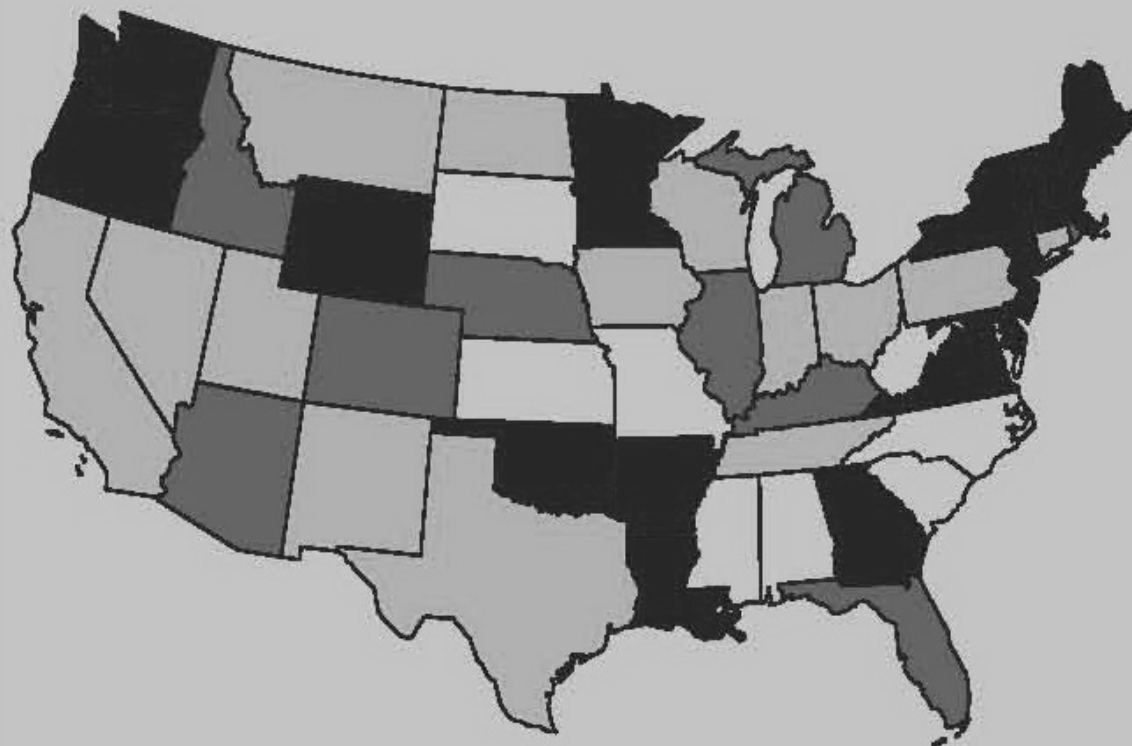


Completed Climate Action Plans

# Renewable Energy Mandates

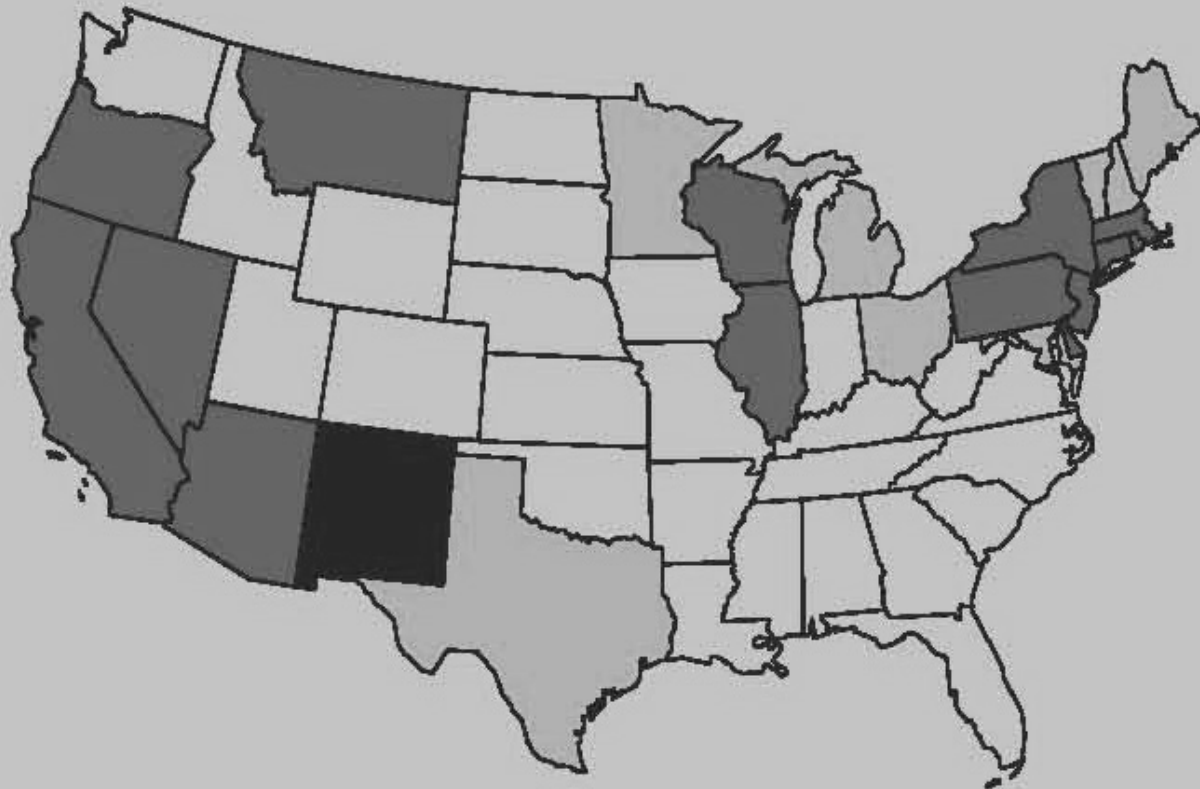





# Net Metering



- Statewide net-metering
- Net-metering offered by one or more individual utilities only
- Statewide net-metering rules only for certain utility types (e.g., IOUs only)

# Public Benefit Funds



-  Funds that support energy efficiency
-  Funds that support energy efficiency and renewable energy
-  Funds in development



# Green Pricing Programs



Green pricing programs  
Mandatory green pricing programs

# + State Waste Management Programs

+ From the Pew State Programs Database:

- + • Tinedale Farm Anaerobic Digestion Energy System (WI)
- + • Animal Waste Management (NC)
- + • Dairy Waste to Energy (OR)
- + • Pattonville Landfill Gas Recovery (MO)
- + • Recycling Market Development (IN)

## + Business Waste Reduction

- + • AEP recycle 32% of coal combustion products
- + • Air Products: 50% hazardous waste reduction
- + • Intel recycles 73% of solid waste worldwide
- + • Cinergy generates 60MW of electricity from 40 landfill gas recovery projects
- + • Entergy converts coal mine methane to gas
- + • United Technologies powers fuel cells with landfill methane and anaerobic digesters


# + Pew States Resources

- + • In Brief: Learning from State Action on Climate Change
- + • States Database
- + • States News
- + • Report: Greenhouse & Statehouse
- +
- +

# Pew States Web Resources

In the States - Microsoft Internet Explorer

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## What's Being Done...In the States

### States In Brief

Read Learning from State Action On Climate Change (December 2004)

### State Action Database

Browse our searchable database of 44 state and local programs that reduce greenhouse gas emissions.

### States News

Read the latest news on state actions related to climate change.

### Report on State Climate Action

Read Greenhouse and Statehouse: The Evolving State Government Role in Climate Change, by Barry Rabe. (November 2002)

### Midwest Workshop: "State Policy Solutions to Climate Change," held Nov. 4-5, 2003 in Chicago, IL.

### Recent Action by Congress, the States, and the U.S. Business Community.

Read Climate Change Activities in the U.S.: 2004 Update.

### Maps of Programs and Initiatives in the States

- Mandatory Reporting of CO<sub>2</sub>/GHGs and Voluntary Registries
- Carbon Cap or Offset Requirement for Power Plants
- Public Benefit Funds
- Renewable Energy Mandates

# Pew States Database

State and Local Net Greenhouse Gas Emissions Reduction Programs - Microsoft Internet Explorer

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Because Climate Change is Serious Business.

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States web resources

[http://www.pewclimate.org/what\\_s\\_being\\_done/in\\_the\\_states/index.cfm](http://www.pewclimate.org/what_s_being_done/in_the_states/index.cfm)

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