

State Policies to Encourage Green Building Principles

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The DSIRE Project

Database of State Incentives for Renewables & Efficiency

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DSIRE
Database of State Incentives for Renewables & Efficiency

DSIRE is a comprehensive source of information on state, local, utility, and federal incentives that promote renewable energy and energy efficiency. Choose one or both databases to search:

Renewable Energy Energy Efficiency

Federal Incentives

US Territory Incentives

FAQs | Summary Maps | Summary Tables | Search By | Glossary | Links

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<http://www.dsireusa.org>

- Created in 1995
- Managed by NC Solar Center in partnership with IREC
- Funded by U.S. DOE
- ~1,800 RE & EE financial incentives & regulatory policies
- Federal, State, Local, Utility Incentives and Policies
- ~200,000 unique visitors/month

US Building Sector

- 76% of electricity consumption
- 39% of energy consumption
- 38% of CO2 emissions
- Publicly-owned buildings --- 5% of non-residential floor space
- I will not use Saudi Arabia analogy

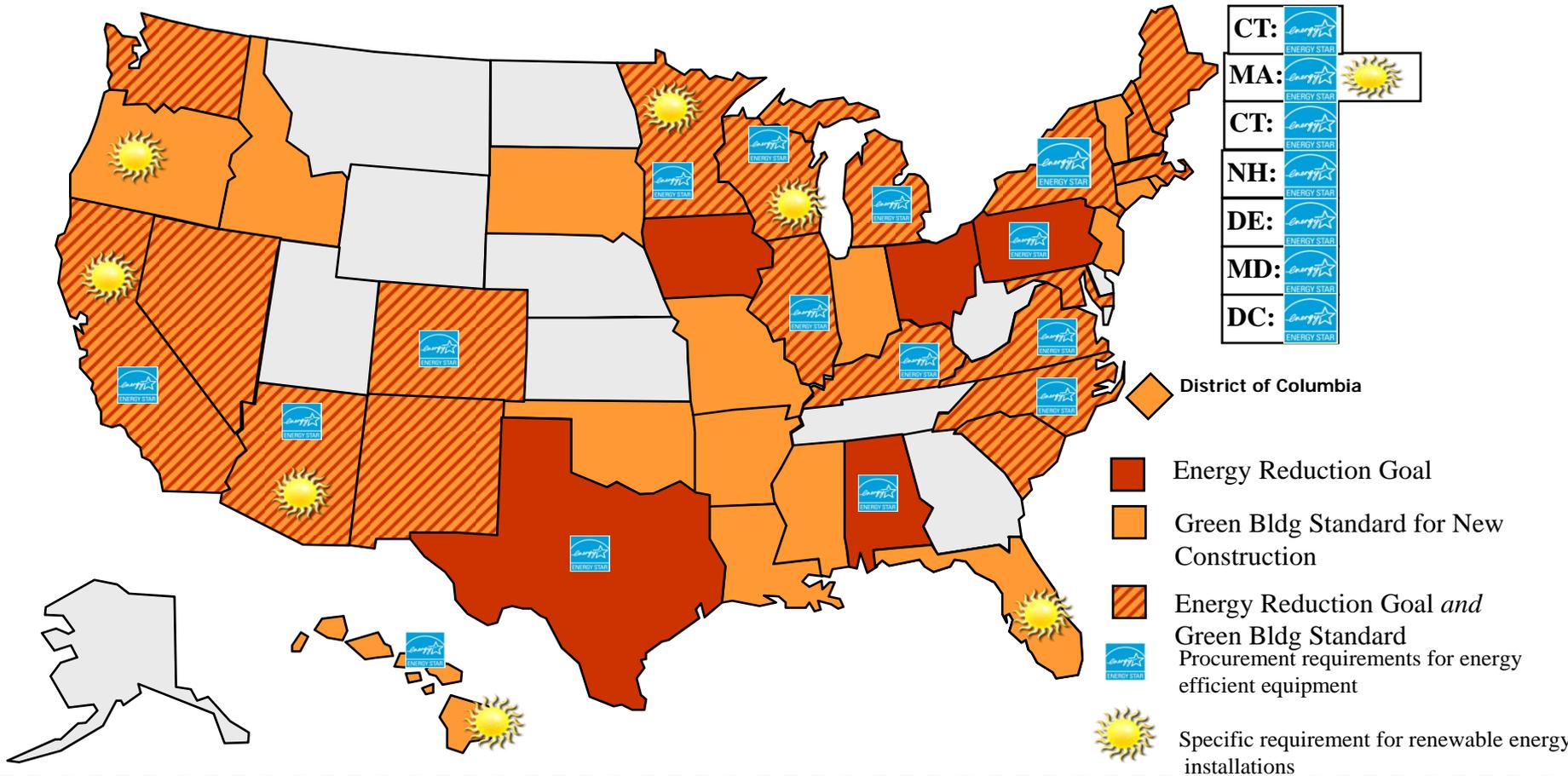


Energy Standards for Public Buildings



- Energy Consumption Reduction Requirements
- Green Building or Improvement Over Code Requirements
- Energy Efficient Product Procurement Requirements
- Renewable Energy Procurement Requirements
- DSIRE has summaries for all state requirements and *sample* local policies

Broad Support for Energy Standards



Energy Standards for Public Buildings

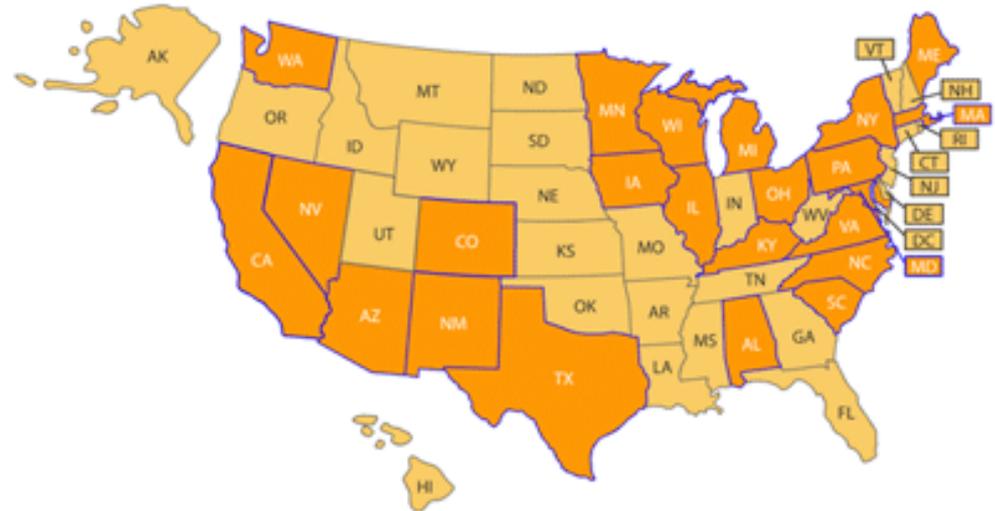
- Lead by example
- Save tax payer money
- Politically popular
- Reinforce the state's climate and air quality goals



Total Energy Reduction Requirements

- EEPS for the public sector ---
10% by 2010
- Transportation sometimes
included
- Targets new and existing
buildings
- 23 states

States with Total Energy Reduction Requirement



Energy Efficient Product Procurement Requirement

States with Energy Efficient Product Procurement Requirement

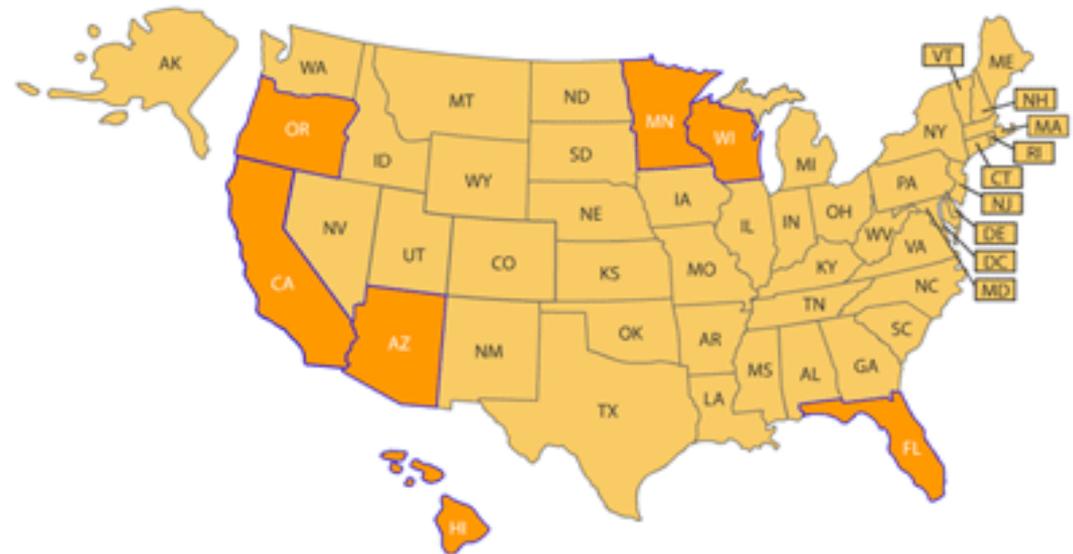


- Energy Star or FEMP
- Easy to implement
- Applies to new and existing buildings
- 25 states

Renewable Energy Procurement Requirement

- Policies vary greatly
- Most require life-cycle cost analysis
- 7 states

States with On-Site Renewable Energy Requirement



Getting There

- Performance contracts
- Annual reporting requirements
- Education of staff, encouraging conservation
- Grants and rebates to lower the cost of improvements, or revolving loan programs to provide financing

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