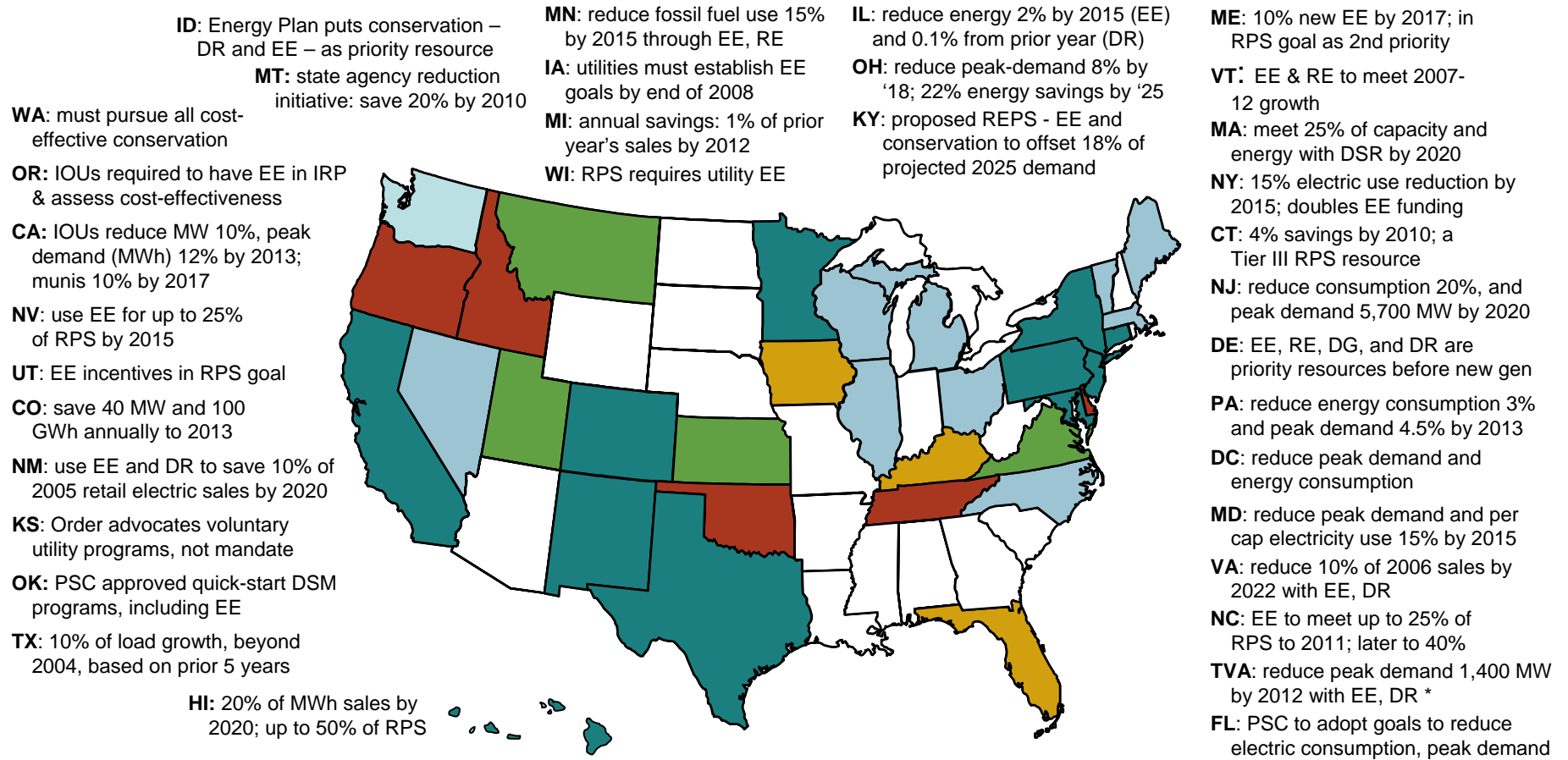


Energy Efficiency Resource Standards (EERS)



Updates at: <http://www.ferc.gov/market-oversight/mkt-electric/overview/elec-ovr-eeps.pdf>

* TVA's "EE and DR Plan" is from the Public Power Authority, and is not a state policy.
Abbreviations: CHP – Combined heat & power; DG – distributed generation; DR - demand response; DSM - demand side management; DSR – demand-side resources; EE - energy efficiency; E&G: electric and gas utilities; IRP – integrated resource plan; RPS: Renewable Portfolio Standard
Sources: ACEEE, EPA, Regulatory Assistance Project, Union of Concerned Scientists, State regulatory and legislative sites, trade press

- EE only as part of an RPS law, rule, or goal
- EERS by regulation or law (stand-alone)
- Voluntary standards (in or out of RPS)
- Energy efficiency goal proposed / being studied
- Other energy efficiency or demand-side rule or goal

Energy Efficiency Resource Standards (EERS)

- An **EERS** – energy efficiency resource or portfolio standard – aims to reduce or flatten electric load growth through energy efficiency (EE) measures. Goals may specify reductions in energy (MWh), demand (MW), or both. Many specify both overall energy reductions and peak-load reductions.
- **Twenty-three** states have an EERS or goal; at least 16 include EE as part of a renewable standard or goal.
- States that enacted significant energy efficiency legislation in 2008 include: DC, FL, HI, IA, MA, MD, MI, NJ, NM, NY, PA, OH, OK, UT, and VT.
- State energy plans have included decoupling and PUCs opened dockets to examine whether utilities should be encouraged or required to eliminate the throughput incentive in traditional rates, including: HI, KY, MI, NJ.
- **Kentucky** Governor Beshear announced a comprehensive energy plan, *Intelligent Energy Choices for Kentucky's Future* (Nov 20). It calls for KY to establish both a Renewable and Efficiency Portfolio Standard (REPS) and an Alternative Transportation Fuels Standard. First among Kentucky's strategies will be to improve the EE of its homes, buildings, industries, and transportation fleets. Its first goal is to use EE to offset 18% of projected 2025 demand. Altogether, the plan envisions that 25% of Kentucky's energy needs will be met by 2025 with greater efficiency, conservation, and use of renewable and alternative sources such as wind, solar, and biofuels.
- The **Kansas Corporation Commission (KCC)** issued an Order on Cost Recovery and Incentives for Energy Efficiency Programs (Nov 14). It states that energy efficiency is a resource in its own right; however, the KCC deemed it inappropriate to create an EE mandate or EERS. Because EE programs are inherently beneficial to utilities, they might not need regulatory encouragement. KCC's policy will be to consider proposals from utilities on a case-by-case basis for: cost-recovery for EE programs through tariff riders; decoupling to address the throughput-incentive issue; and shared savings performance incentive plans (rather than performance-based incentives).
- **NERC's Long-Term Reliability Assessment** highlights the growth in demand response and energy efficiency resources, and the role they play in providing critical reliability services, increasing the operational flexibility of the grid, and complementing new variable generation resources such as wind and solar. NERC projects that close to 11,000 MW of EE and 34,000 MW of DR will be in place in North America by 2016. As a consequence, it expects EE to reduce total demand by 3.3%, and DR to offset nearly 80% of U.S. peak demand growth. (Nov 20)
- The Western Governors Association sent President-elect Obama a letter urging him to "aggressively pursue a national [EE] program to reduce existing and future energy demand and thereby reducing [GHG] emissions." (Nov 20)

Abbreviations: DR - demand response; DSM - demand side management; DSR – demand-side resources; EE - energy efficiency; KCC – Kansas Corporation Commission; NERC - North American Electric Reliability Corp; RE – renewable energy; RGGI - Regional Greenhouse Gas Initiative; RPS - Renewable Portfolio Standard