



American Council for an Energy-Efficient Economy

Importance of Energy Efficiency in Climate Legislation

Moderated by:

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Speakers:

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The American Council for an Energy-Efficient Economy (ACEEE)

Nonprofit 501(c)(3) dedicated to advancing energy efficiency through research and dissemination.

40 staff in Washington, D.C., Delaware, Michigan, and Wisconsin

Focus on End-Use Efficiency in Industry, Buildings, Utilities, Transportation, and State & National Policy

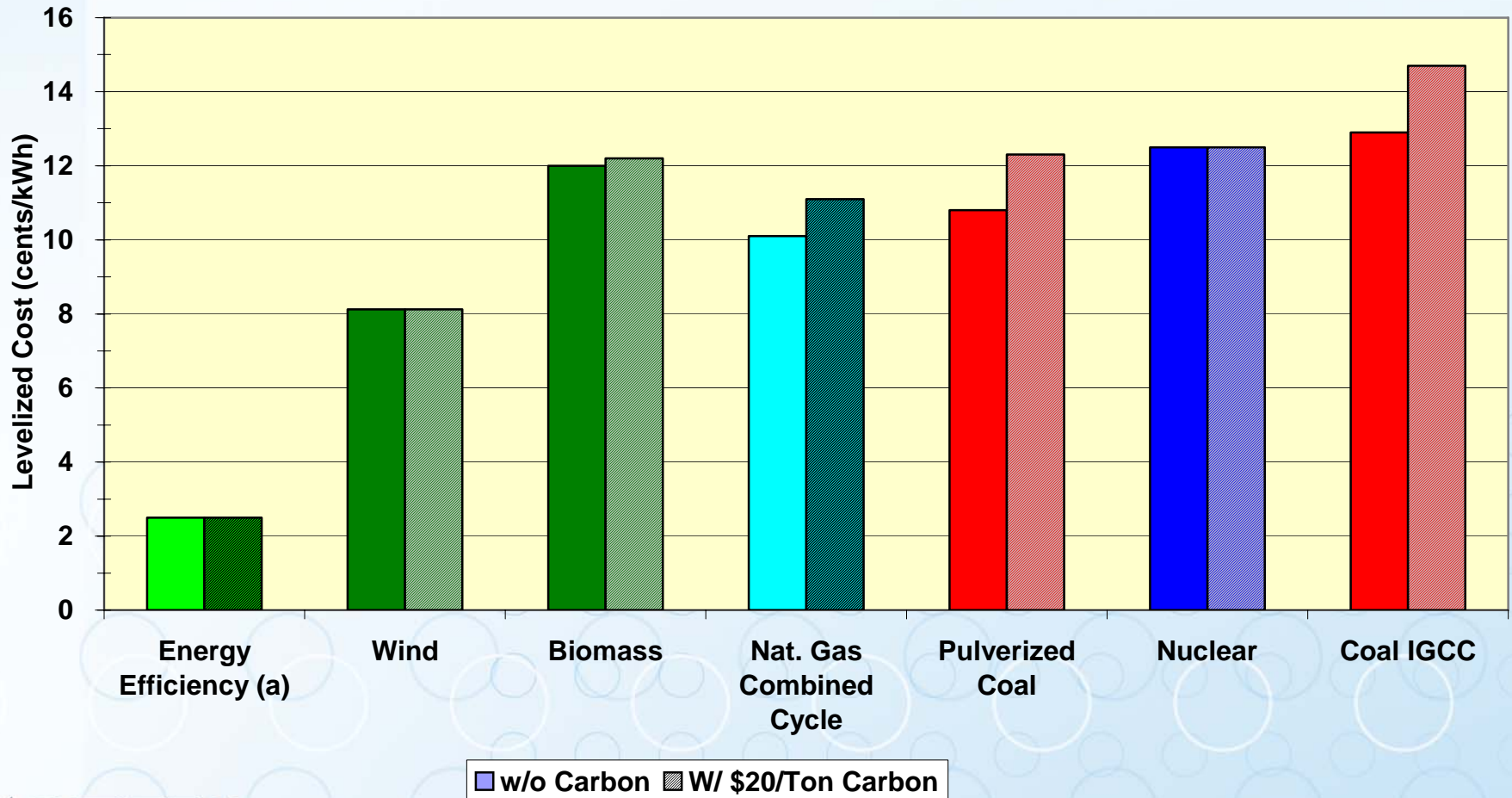
Offer Conferences and Publications

Funding:

- Foundation and Federal grants (40%)
- Specific Contract work (20%)
- Conferences and Publications (35%)

Energy Efficiency: the 1st Fuel

Average Utility Cost of New Electric Resources



ACES Contains Many Energy Efficiency Provisions

- Combined EE and RE standard – up to 8% EE by 2020
- Building code and appliance efficiency standard improvements
- Significant allowance revenue to EE
 - States; gas utilities; R&D
- New programs for buildings and industry

ACELA Also Contains Significant Efficiency Provisions

- Combined EE and RE standard – up to 4% EE by 2020 (ACES stronger)
- Building code and appliance efficiency standard improvements (ACES stronger)
- New programs for buildings and industry (ACELA generally stronger)
- *Allowance revenue TBD*

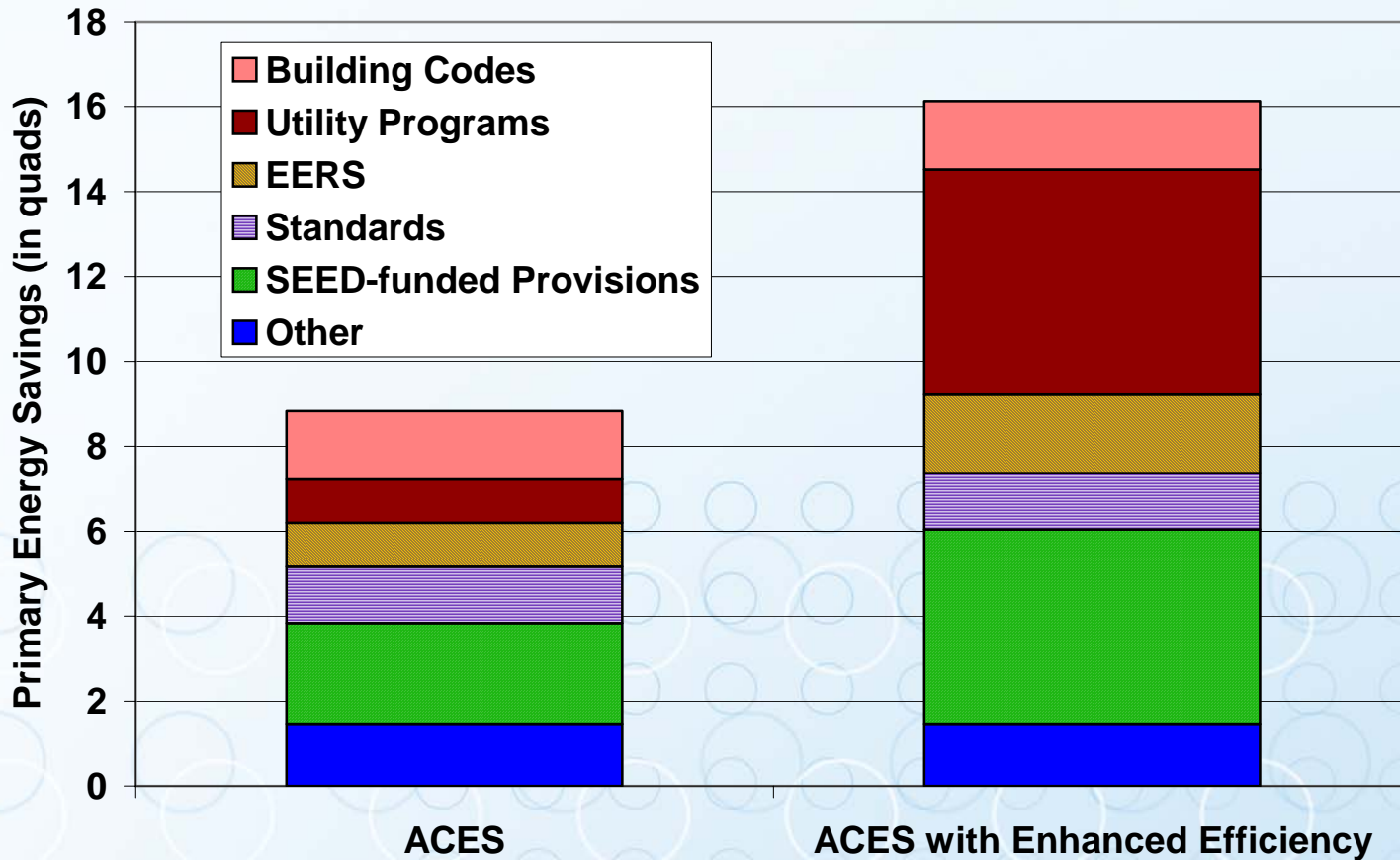
Efficiency Provisions in ACES and ACELA Should be Improved

- Strengthening the EERS to 10% energy savings goal for electric utility companies
- Allocating 1/3 of the electric utility allowances to energy efficiency
- Extending the allocation of 9.5% of carbon allowance revenue to the *State Energy and Environmental Development (SEED)* to 2030

ACEEE Analysis

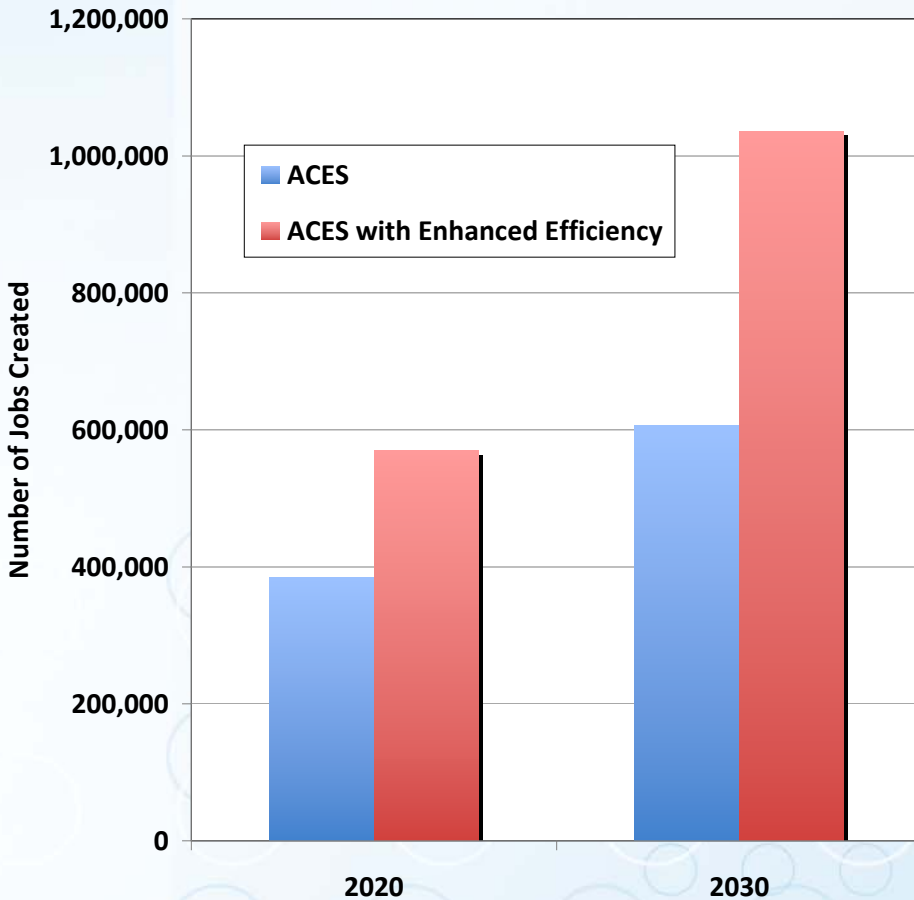
- Used EIA's 2009 AEO (April update) as foundation, including energy prices; allowance revenues from EPA
- Provision by provision spreadsheet analysis estimating 2020 and 2030 energy savings
- Jobs and economic impacts based on multi-sector input-output analysis
- National level analysis, allocated to states
- Examined only EE provisions and not impact of cap-and-trade more generally

Energy Savings by Provision

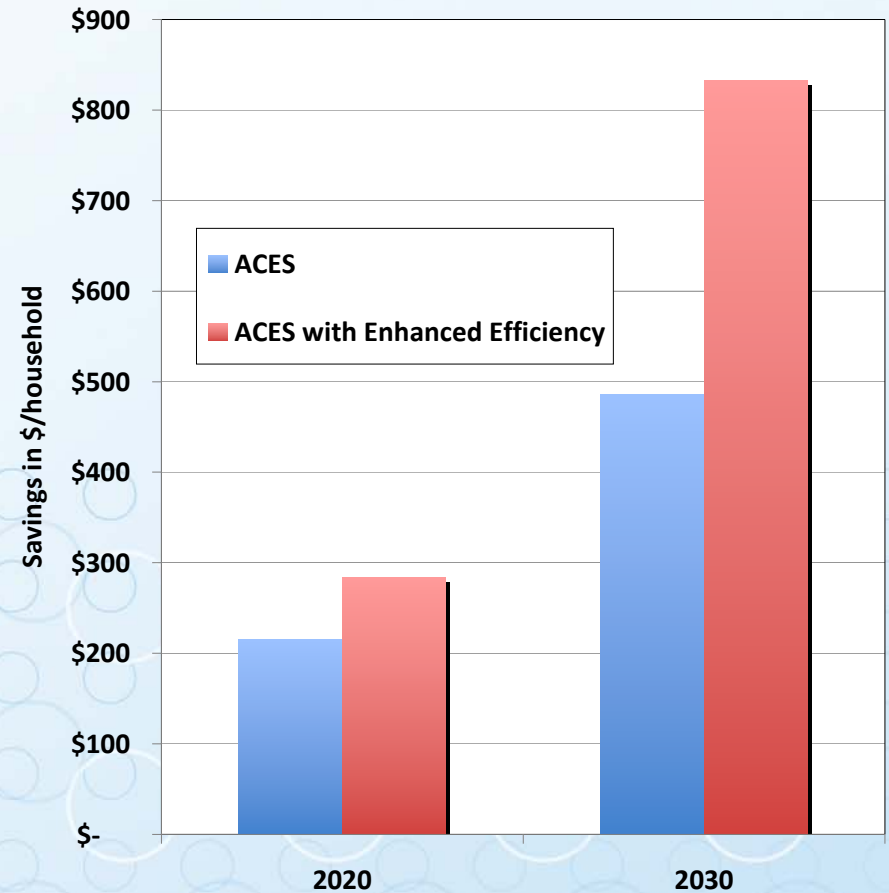


Energy Efficiency Creates New Jobs & Consumer Savings from ACES

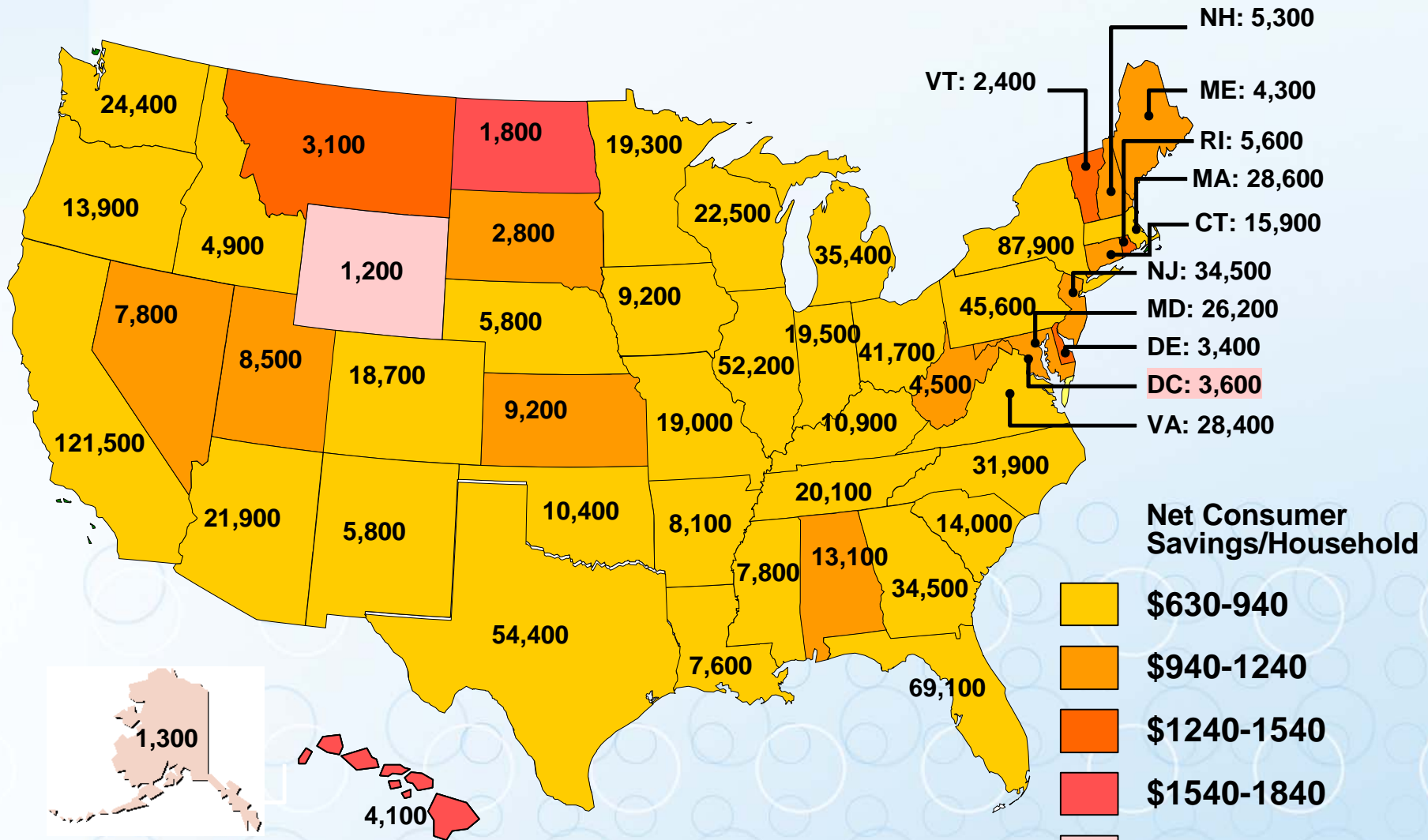
Net Jobs Created



Net Annual Consumer Savings



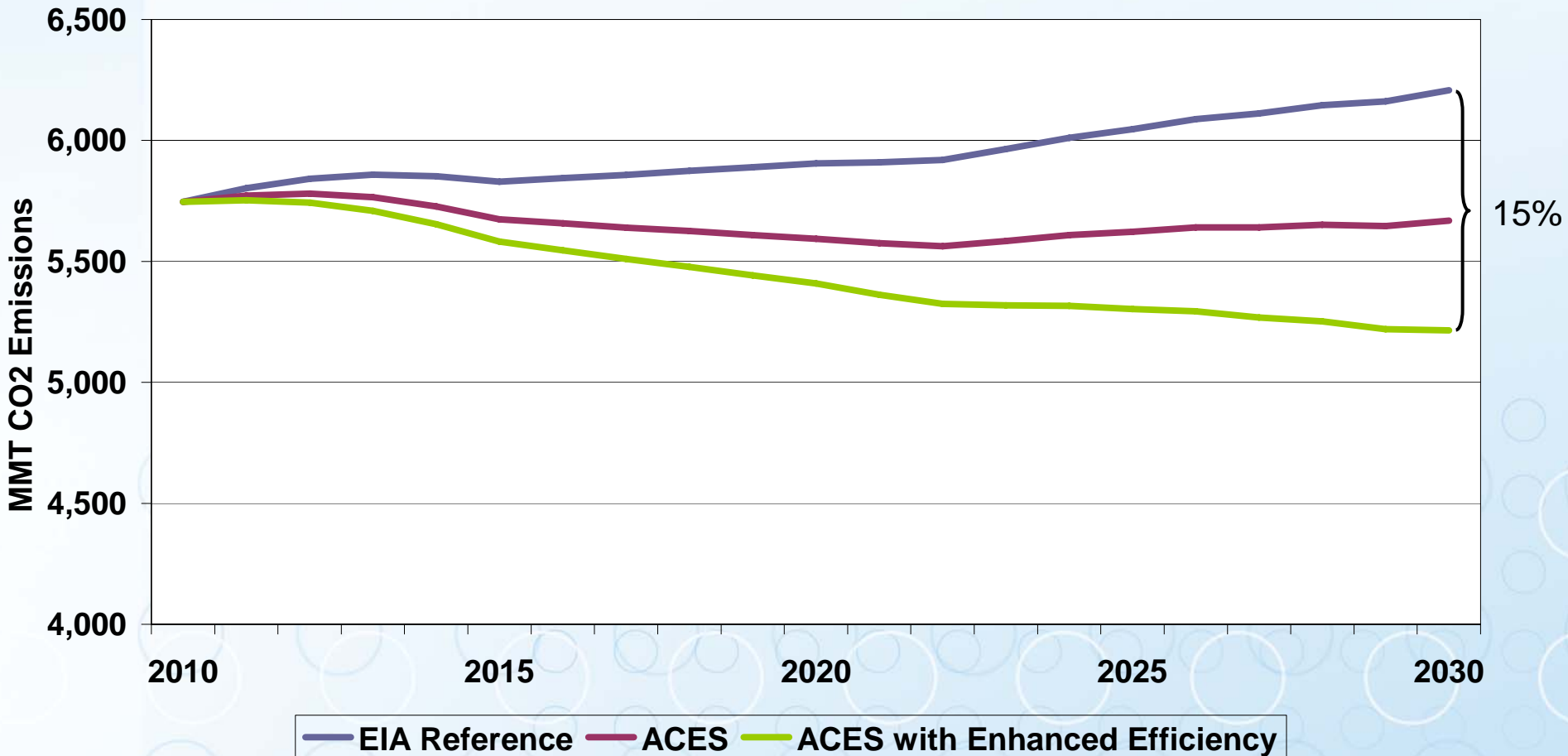
Jobs & Savings in Every State



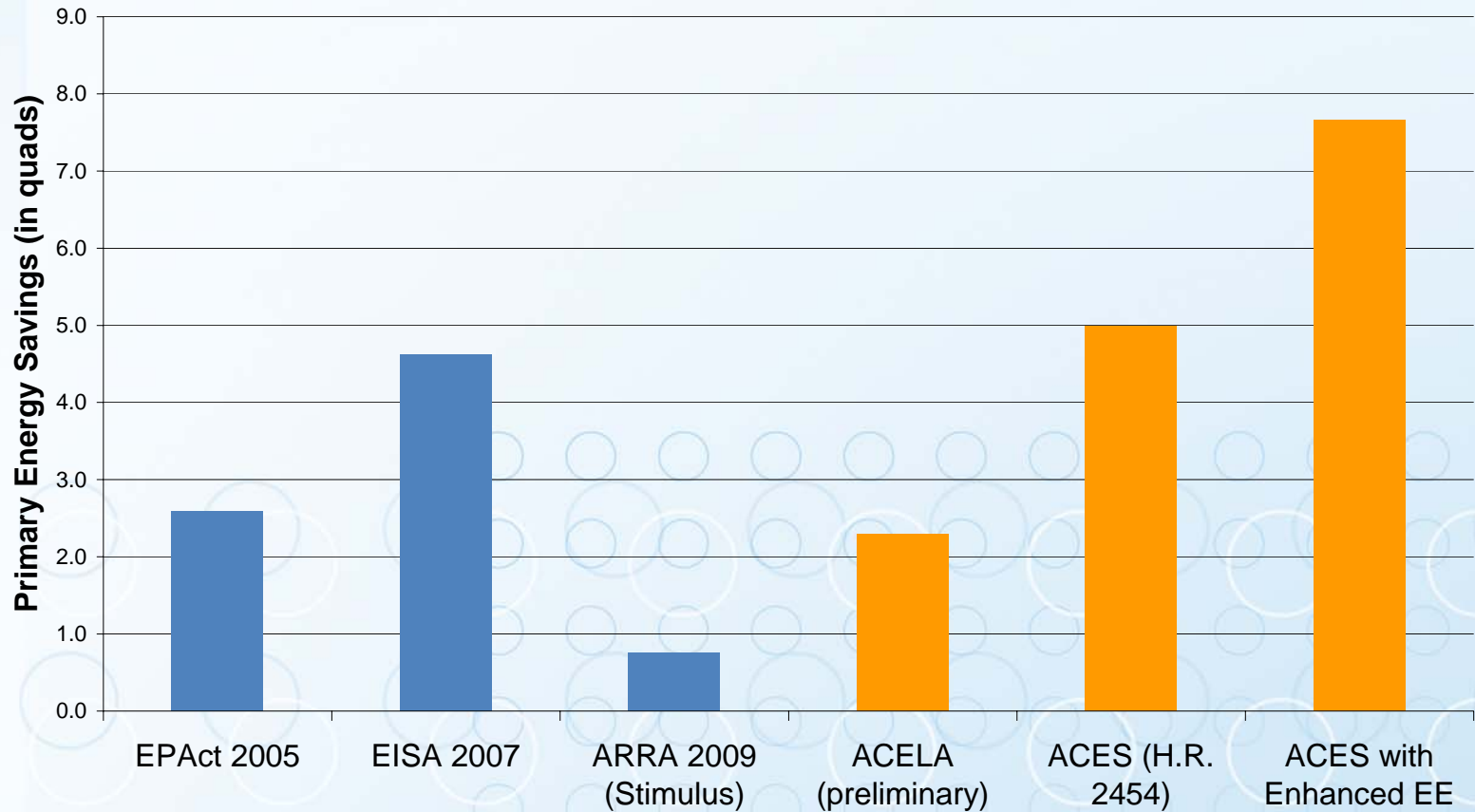
Total Jobs: 1,035,500

EE in Enhanced ACES Lowers CO₂

National CO₂ Emissions



Efficiency Savings in ACES Relative to Other Recent Energy Bills



Summary and Conclusions

- Energy efficiency is the cheapest, fastest, and cleanest energy resource available.
- Enhanced energy efficiency in ACES will create jobs and save consumers money—Every state benefits.
- EE savings offset the cost of cap-and-trade.
- Energy efficiency alone will lower CO₂ below 2010 levels.

Contact Information

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Energy Efficiency Resource Standards

20 States in Place, 3+ pending

