

NASEO Committee, Program, and Project Overview

Energy N-Group Dialog

NASUCA Annual Meeting, November 13, 2016



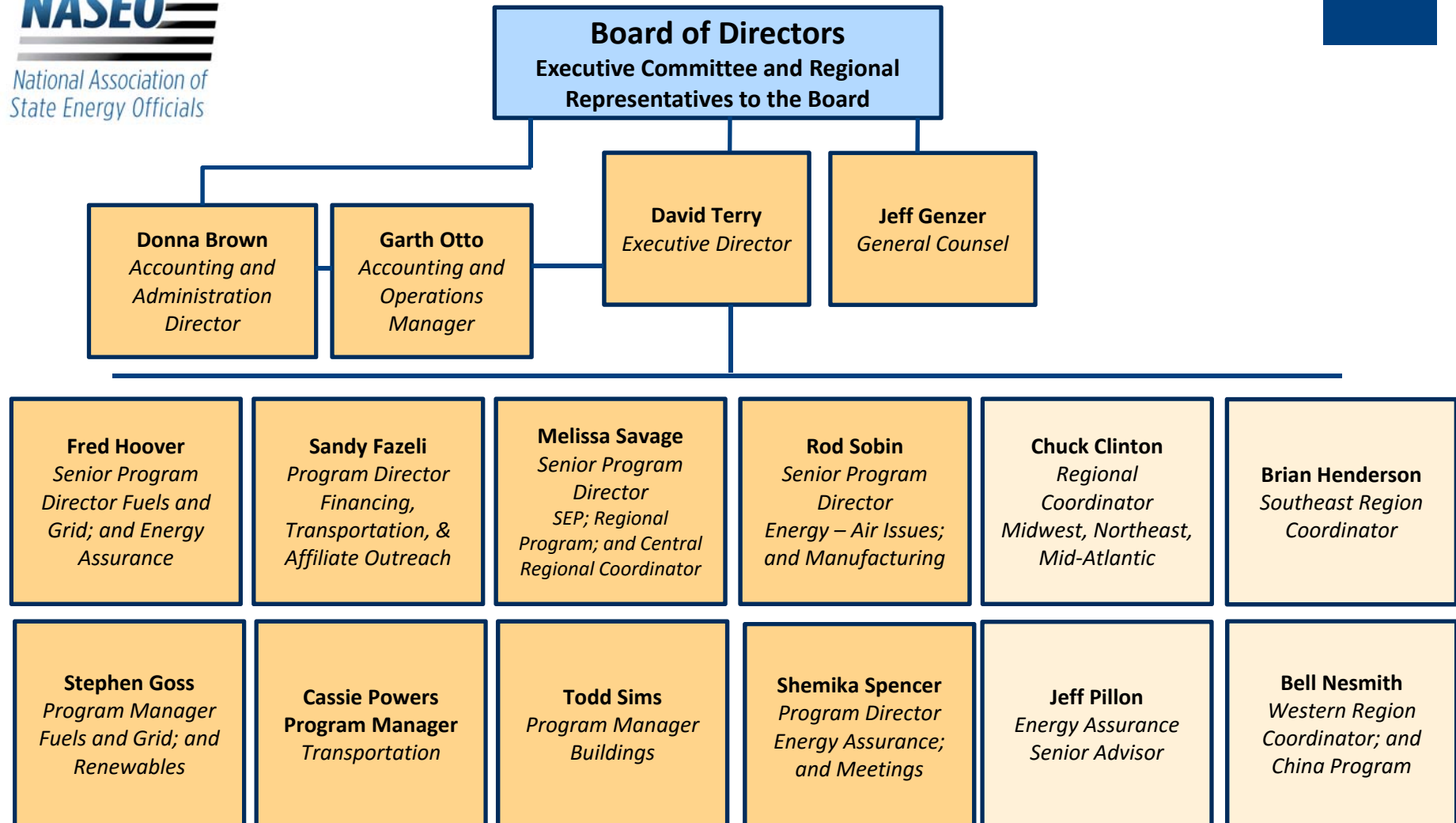
About NASEO

- Formed by the states 1986
 - See also - President Bill Clinton's video about NASEO's founding
- Membership includes the 56 Governor-designated energy officials from each state and territory, as well as private sector affiliates
- Facilitates peer learning across states to improve the effectiveness of energy programs and policies
- Serves as a resource for and about State and Territory Energy Offices
- Advocates on behalf of the State Energy Offices (SEO) with Congress, federal agencies, and private-sector organizations
- Organized through regional and committee structure

+ About the State and Territory Energy Offices



- Formed in response to the energy crisis of the early 1970s
- Advance practical energy policies and support energy technology research, demonstration, and deployment
- Partner with the private sector to accelerate energy-related economic development and enhance environmental quality
- Engage in the development of state energy policies and the oversight of billions of dollars in state-based energy funding
- Engage in comprehensive state energy policy planning
- Advise governors, legislatures, and regulators

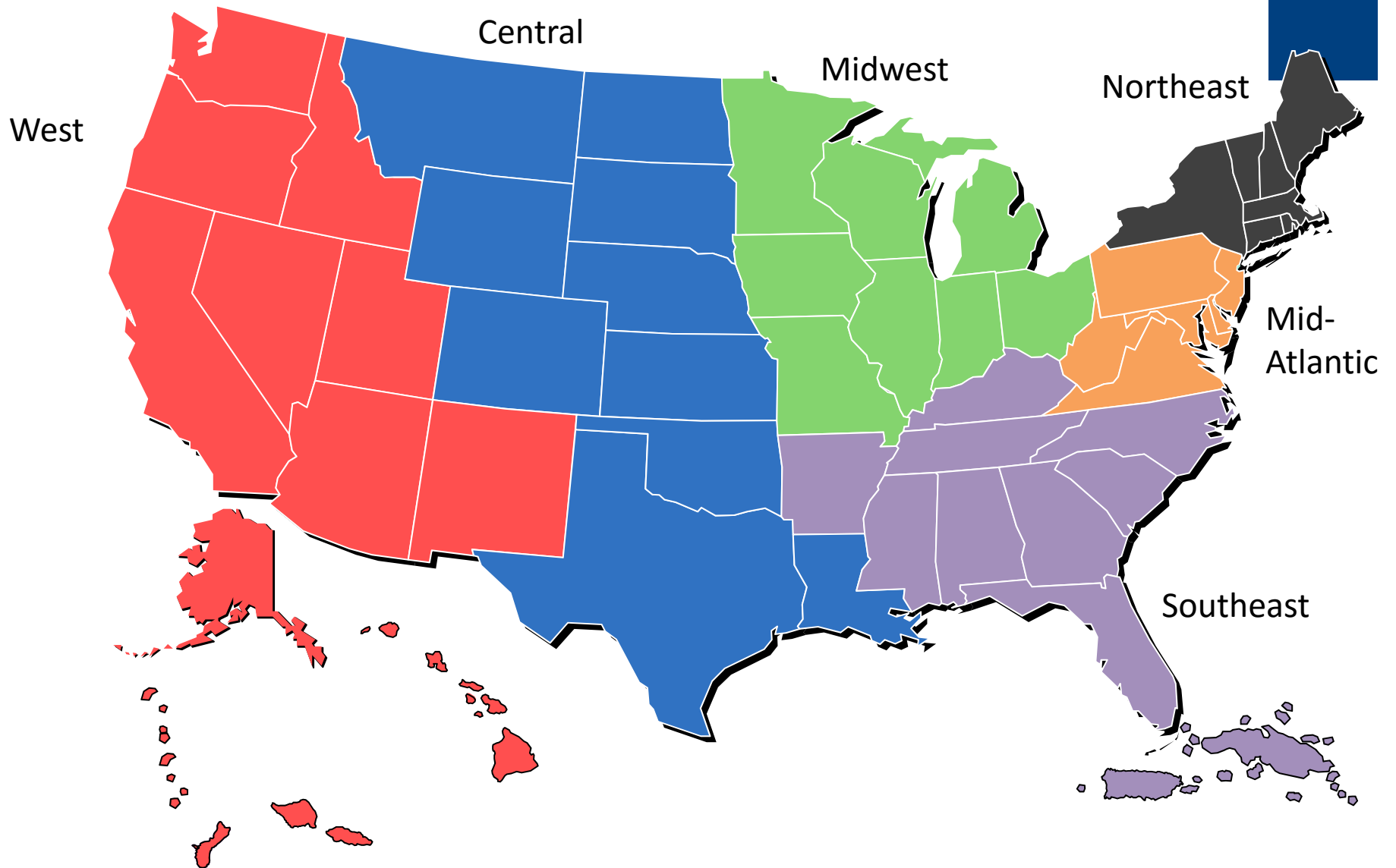


+ NASEO Board of Directors



Board of Directors	
Chair	Robert Jackson, Michigan
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Treasurer	William (Dub) Taylor, Texas
Secretary	Molly Cripps, Tennessee
Parliamentarian	Andrew McAllister, California
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Mid-Atlantic Region Representatives	Marisa Slaten, New Jersey Tommy Wells, District of Columbia
Midwest Region Representatives	Maria Redmond, Michigan Tristan Vance, Indiana
Northeast Region Representatives	Asa Hopkins, Vermont Judith Judson, Massachusetts
Southeast Region Representatives	Kelly Smith Burk, Florida David Gipson, Georgia
Western Region Representatives	Laura Nelson, Utah <i>Pending</i>

+ NASEO Regions



+ NASEO's Affiliates

A robust and engaged network of +60 private-sector partners, including representatives from business, trade associations, nonprofit organizations, educational institutions, laboratories, and government.



+ Committee Structure

Committee/Task Force	Co-Chairs	NASEO
Buildings	Christian Williss (CO) Laith Younis (CA)	Todd Sims
Energy Security	Kylah Mc Nabb (OK) David Gipson (GA)	Fred Hoover Jeff Pillon; Shemika Spencer
Financing	Jeff Pitkin (NY) Al Christopher (VA)	Sandy Fazeli Cassie Powers
Fuels and Grid Integration	Chris Yunker Glick (HI) Dub Taylor (TX)	Fred Hoover Stephen Goss
Government Affairs	Robert Jackson (MI)	Jeff Genzer David Terry
Transportation	Maria Redmond (WI) Alexa Voytek (TN)	Sandy Fazeli Cassie Powers
Task Force: Multifamily		Sandy Fazeli
Affiliates Program	Meredith Tunick (Bosch) Anna Pavlova (Schneider Elec.)	Sandy Fazeli
Affiliate Task Force: State Energy Planning	Kristy Manning (MO) Ashley Duckman (AGA)	Melissa Savage Sandy Fazeli

+ Committee and Program Updates



Buildings

- Published NASEO post-disaster residential rebuilding guide
- Launched TX residential code compliance project with TX SEO, SPEER
- Provided support to DOE and SEOs at DOE energy codes conference (Held - March 2015 – Nashville, TN)
- Support VA, KY, GA on integrating ESPC projects into emissions plans and goals (e.g., 111(d))
- Monitor LBNL/DOE eProject Builder and connection to SEOs
- Held second Getting to Zero Forum with NBI
- Conducted ZNE Congressional Briefing with BOSCH, ACEEE (June 2015)
- Leverage relationships with other federal agencies (e.g., HUD, USDA, EPA, FHFA) on buildings-related programs
- Linkage with NASEO multifamily financing project

+ NASEO ZNE and HPB Efforts



- NASEO and NBI held the nation's first Getting to Zero national conference in September 2014; and second in February 2015
- ZNE Policy and Program Webinars for SEOs (ongoing) to share state approaches to ZNE schools, offices, residential, and commercial buildings
- Develop fact sheets on state ZNE program and policy options
- Conducted ZNE Congressional Briefing with BOSCH, ACEEE in June 2015
- Hold ZNE Pathways Discussion at the NASEO Annual Meeting September 2015
- Coordinate with Industry to urge relevant Members of Congress to Direct DOE to Expand ZNE Cooperation with Industry and States (ongoing)



Committee and Program Updates

Financing

- Educate SEO staff on energy efficiency, renewable energy, and energy infrastructure financing mechanisms, with a focus on public-private models that leverage third-party capital
- Develop Property Assessed Clean Energy (PACE) report on options for SEO's to support and streamline PACE programs (leverage SEO Best Practices)
- Provide assistance on Qualified Energy Conservation Bonds (QECCB)
- Identify innovative state policies and financing programs to support affordable/low-income energy efficiency (through Multifamily Taskforce)
- Provide one-on-one financing guidance to SEOs as requested (most recently, small advisory projects undertaken with DC, MD, IL with partners such as NASEO Affiliate member HBC)
- Increase SEO awareness of financing initiatives of DOE, HUD, and USDA
- Respond to U.S. Senate, U.S. House, and Administration requests for energy efficiency and renewable energy financing input



Committee and Program Updates

Transportation

- Develop guidance for SEOs to consider when creating or revising comprehensive energy plans and state energy assurance plans (2014)
- Created a Transportation Efficiency Technical Reference Manual and engage utilities, policy makers, and regulators on its use
- Facilitate SEO input and feedback on DOE Clean Cities resources and publications (ongoing)
- Share SEO best practices in leveraging CMAQ funds for alt fuels (Webinar 2014, briefing document fall 2015)
- Engage national, regional, and local Clean Cities stakeholders to develop innovative financing business models that promote alternative fuel vehicle and infrastructure deployment (July 2015)
- Launch new Clean Cities-funded project focused on promoting the use of alternative fuels in emergency management and response plans and processes (July 2015-2017)

+ Committee and Program Updates

Energy Security

- Facilitate information flow among public and private sectors to address interdependencies, resiliency, cybersecurity, and emergency response
 - Assist state efforts to address regional seasonal supply disruptions
 - Support Infrastructure Security and Energy Restoration efforts to re-establish the Energy Emergency Assurance Coordinators (EEAC) program and DOE MOU (July 2015)
 - Support ISER coordination of regional energy assurance exercises (Fall 2015-16)
- Increase SEO's capacity to effectively implement statewide cybersecurity policies and regulations
 - Conduct two in-state pilots and develop profiles for each (summer 2015)
 - Develop recommendations for states on enhancing cybersecurity capabilities
- Support SEO's energy infrastructure data analysis, risk assessment, and decision making capabilities
 - Convene state experts to assist in developing guidance for states (2014)
 - Plan and coordinate risk assessment workshop and elevate risk assessment (April 2015)
- Worked with DOE to Advance Energy Assurance and Resilience Grants in FY'16 Budget and QER (2015-ongoing)

+ Committee and Program Updates

Fuels and Grid Integration

- Share State Energy Office best practices and policy and planning actions in support of governor and legislature priorities (distinct from regulation) in such areas as:
 - RTO policy input (e.g., renewables, demand response, EE, reliability) by facilitating SEO-RTO-PUC engagement (e.g., PJM – Mid-Atlantic States) (2015)
 - Electricity transmission, distribution, storage, reliability, and renewables
 - PUC case intervention and PUC policy and program coordination
 - Natural gas distribution and electric-gas integration issues (e.g., New England QER analysis call and follow up activities, June 2015 - ongoing)
- Advance diversification and strategic storage options in the use of liquid fuels (e.g., National Petroleum Council disruption analysis input, biofuels) (November 2014)
- EMAP – Select and assist pilot states in developing comprehensive roadmaps and actions to address energy infrastructure modernization challenges (July 2015-2017)
- Smart Grid Investments report and database of smart grid projects/case studies emphasizing the economic benefits and successful approaches (September 2015)
- Coordination on policy actions (federal, state) with NRECA, APPA, EEI, FERC, etc.
- Assisting states in considering energy efficiency and renewable energy compliance options in meeting clean air and water requirements (2014 – ongoing)

+ “3N” Energy Efficiency Cooperation

- Ongoing cooperation among NASEO, the National Association of Clean Air Agencies and the National Association of Regulatory Utility Commissioners – “3N”
- Sector-by-Sector energy efficiency compliance development
- 3N compliance pathways meeting December 2014
- Assist states in development on energy efficiency state plan elements



May 12, 2014

Gina McCarthy
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue NW
Washington, DC 20460

Dear Administrator McCarthy:

On behalf of the National Association of Clean Air Agencies, the National Association of Regulatory Utility Commissioners and the National Association of State Energy Officials, we are pleased to submit to the U.S. Environmental Protection Agency the attached principles regarding the use of energy efficiency as a compliance measure under Section 111d of the Clean Air Act. As you know, while our associations may not all agree about other aspects of Section 111d (including whether it should go forward), we believe that state plans should allow demand side energy efficiency measures to be considered as a potential option.

Our three organizations have worked diligently over several months to accommodate the states' various interests, and we believe these principles set forth a road map that is worthy of consideration.

Please let us know if you and your staff are interested in discussing these matters in more detail.

Respectfully submitted,

Bill Becker
Executive Director,
National Association of
Clean Air Agencies

Charles Gray
Executive Director
National Association of
Regulatory Utility Commissioners

David Terry
Executive Director
National Association of
State Energy Officials

cc: Janet McCabe
Joe Goffman

+ EE “No Regrets” Energy and Air Actions – Long-Term Issue and Strategy

- State-overseen, Investor Owned Utility Ratepayer Efficiency Programs . . . About \$7 billion annually (portion of project costs)
- Public Facilities Retrofits and ESPC . . . About \$6B of private investment annually (total project cost)
 - NASEO developed multi-state ESPC tracking project (e.g., VA, GA, KY) to leverage broad energy, economic, environmental benefits
- Building Energy Code Compliance
 - NASEO, TX SEO, SPEER pilot code compliance program
 - ENERGY STAR Homes – explore aggregation of EE savings
- Potential private industrial efficiency aggregation (e.g., Superior Energy Performance / ISO 50001; CHP)
- Energy financing programs (e.g., WHEEL, C-PACE) (States oversee >\$5B in EE and RE financing programs)
- Statewide comprehensive energy planning that supports, for example, evolving utility business model policies, distributed generation, storage, micro-grids



+ Support SEO Crosscutting Activities

Peer-to-Peer

- NASEO Regional Program and Committees
 - Facilitate coordination among state energy officials and staff
 - Develop multi-state programs to leverage resources
 - Foster peer sharing between and around policies (e.g., EERS, Financing) and programs (e.g., SEP, transportation)
 - Elevate issues and solutions through committees

Direct One-on-One Assistance

- Leverage NASEO Staff Experts on Planning, Energy Emergency Response and Planning, Electricity, Financing, Transportation, State Policies and Programs, Federal Agency Actions and Laws, Linkages with Private Sector Affiliate Members
- Assist in resolving SEP and WAP programmatic issues

State Energy Planning

- Tracking and analysis of existing state plans
- Expertise on best practices in state planning processes
- Available data and policy analysis support

+ NASEO Legislative and Executive Branch Priorities



NASEO Board and Government Affairs Committee

- Set NASEO Policy Goals and Priorities
- Covers all areas of energy – supply, demand, fossil, renewables, efficiency
- Brings State Energy Office view to development of legislation, executive branch actions, regulations and support for appropriations
- Advances cooperative programs among states and federal offices across DOE (e.g., EERE, OE, Fossil, EIA), and with other agencies (e.g., USDA, EPA, Interior)
- SEOs in multiple bipartisan energy bills – evidence NASEO’s strategy is working

SEP and Other Federal Programs

- Ongoing top priority for NASEO, as SEP serves all states needs and has been foundational to advancing state-driven policies and programs that support new energy technologies, services and markets
- Educate and engage Congress and the Administration by providing concrete information on the results of the states’ work (e.g., Congressional briefing April 2015; Testimony May 2015; individual office meetings; EE coalition)
- Engage with states and WAP advocates to support continued funding
- Only three EERE programs with level or increased funding in the FY’16 House E&W bill – SEP and WAP – evidence our approach is working (CR likely)
- Coordinate with DC-Based Trade and Advocacy Groups on Federal Strategy on energy appropriations (see NASEO Testimony www.naseo.org) and legislation



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- Shemika Spencer, Program Director, Energy Assurance
- Stephen Goss, Program Manager, Fuels and Grid
- Cassie Powers, Program Manager, Transportation
- Todd Sims, Program Manager, Buildings Programs
- Charles Clinton, Regional Program
- Brian Henderson, Regional Program
- Jeff Pillon, Senior Advisor, Energy Assurance