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Clean Power Plan Implementation Update

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Clean Power Plan Toolbox

▶ **Resources** available now in the Clean Power Plan Toolbox include:

- ▶ Clean Power Plan state goal visualizer
 - ▶ Rate to mass technical support document
 - ▶ Policies and programs for reducing CO₂ from the power sector
 - ▶ Tools for assessing energy efficiency and renewable energy policies and programs
- ▶ You can register to receive alerts when EPA adds new implementation resources to the CPP toolbox

<http://www2.epa.gov/cleanpowerplantoolbox>

The screenshot shows the EPA website's 'Clean Power Plan Toolbox for States' page. The header includes the EPA logo, navigation tabs for 'Learn the Issues', 'Science & Technology', 'Laws & Regulations', and 'About EPA', and a search bar. The main content area is titled 'Clean Power Plan Toolbox for States' and features a sub-section 'Resources to help develop state plans'. Below this, there are four main resource categories, each with a representative icon and a list of links:

- Clean Power Plan Documents and Resources** (Scales icon):
 - Proposed CPP for existing power plants
 - Technical support documents
 - Clean Power Plan State Goal Visualizer (Excel) (10 pp, 233 K)
- Technical Resources for Reducing CO₂ from Power Plants** (FACTS Q&A icon):
 - Combined heat and power technology options
 - Combined heat and power project development resources
- Policies and Programs for Reducing CO₂ from the Power Sector** (Checklist icon):
 - Existing state programs
 - Energy efficiency portfolio planning with ENERGY STAR
 - Utility incentives for energy efficiency (PDF) (116 pp, 1.2 MB)
 - Market-based mechanisms: design and operation (PDF) (78 pp, 1.1 MB)
 - Market-based mechanisms: key insights (PDF) (47 pp, 1.1 MB)
- Estimating Potential Energy Efficiency and Renewable Energy (EE/RE) Impacts** (Grid icon):
 - AVoided Emissions & geneRation Tool (AVERT)
 - Assessing the multiple benefits of EE/RE
 - Combined Heat and Power Partnership
 - U.S. DOE Building Technologies Office
 - U.S. DOE Advanced Manufacturing Office – Technical Assistance Activities
 - State & Local Energy Efficiency Action Network

Additional Resources: Greenhouse Gas Reporting Program

On the right side, there are three vertical panels: 'Clean Power Plan' with a subscribe button, 'EPA Webinars on the Proposed Clean Power Plan' with a link to watch past presentations, and 'Get Involved' with a link to comment on the proposal.

Key Dates

- ▶ Spring and Summer 2015
 - ▶ EPA to continue to engage with states on implementation
- ▶ Summer 2015
 - ▶ EPA to issue final rules on:
 - Carbon Pollution Standards for New, Modified and Reconstructed Power Plants under CAA section 111(b)
 - Clean Power Plan (CPP) for Existing Power Plants in States, Indian Country and U.S. Territories under CAA section 111(d)
 - ▶ EPA to propose a federal plan for meeting the Clean Power Plan goals
 - The public will have an opportunity to review and comment on this proposal
- ▶ Summer 2015 – Summer 2016
 - ▶ To assist states, tribal governments, and U.S. territories in developing plans that meet the Clean Power Plan goals for their existing power plants, EPA will:
 - Work together with states, tribes and territories to assist in plan development
 - Offer webinars and trainings on the final requirements of the guidelines
 - Release implementation guidance and tools

EPA Assistance to the States

- ▶ EPA is committed to working with states, tribes and territories as co-regulators in development of their plans
- ▶ EPA will be available to assist states, tribes and territories in developing and evaluating implementation plans
- ▶ Together with the states, tribes and territories, we will identify assistance needs and identify resources to meet those needs
- ▶ EPA staff are dedicated to working with states, tribes and territories on their plans
 - ▶ EPA regional staff will work closely with EPA HQ staff to provide consistency across the process
 - ▶ The list of EPA regional contacts is provided at the end of this presentation

What We Are Hearing from States on Implementation

- ▶ Process and timing options for plan submittals
 - ▶ Including an option for electronic submittal of state plans
- ▶ Funding and assistance for development of state plans
 - ▶ Grants
 - ▶ Training
- ▶ Technical and analytical support
 - ▶ Rate-to-mass conversion
 - ▶ Emissions tracking and trading platforms
- ▶ Guidance and examples
 - ▶ Non-binding template for state plans
 - ▶ Proper characterization of energy efficiency (EE) & renewable energy (RE) in plans
 - ▶ Acceptable evaluation measurement & verification (EM&V) for EE and RE
 - ▶ How to demonstrate performance with respect to goal
 - ▶ Approval process for multistate plans that cross EPA regional boundaries
- ▶ Consistency in EPA's implementation and plan review process
- ▶ Opportunities to provide input on EPA implementation products during development

EPA's Internal Planning

- ▶ EPA has convened an internal implementation-focused workgroup with representatives from headquarters and all ten regional offices
- ▶ The goal of this workgroup is to facilitate the development of approvable 111(d) plans by:
 - ▶ Identifying potential needs that states, tribes and territories and other stakeholders have
 - ▶ Building infrastructure for assisting states and other stakeholders in these endeavors
 - ▶ Developing products and tools
- ▶ The workgroup is currently developing:
 - ▶ Plans for guidance, training and tools for states
 - Training plan for states
 - ▶ Outreach plan for state-EPA engagement
 - ▶ Process for building communication, connection and continuity between EPA headquarters and EPA Regional offices

Connecting with the States

- ▶ One example of how EPA's implementation workgroup is planning to help states with CPP implementation is through EPA training programs
 - ▶ EPA will begin to solicit input on training for states soon
- ▶ As EPA identifies additional implementation tools for states we will find the right way to connect with you in the process
- ▶ Ways EPA may connect with states include:
 - ▶ Through your state associations: NACAA, APPCA, ECOS, NARUC, NASEO
 - Regular meetings and calls
 - Special meetings and call
 - ▶ State-EPA committee
 - ▶ Web-based survey
 - ▶ Posting content on our EPA Clean Power Plan Toolbox
 - ▶ Individual contact through headquarters or regions

State Input on Initial Training Plan

- ▶ EPA will begin to solicit your ideas on training topics and platforms in March 2015 through the EPA-MJO Joint Training Committee*
- ▶ The goal of the training is to equip states, tribes, territories and other stakeholders with what they need to implement the Clean Power Plan
 - ▶ EPA is including the training needs of communities to assist them in engaging with states, tribes and territories on implementation plans
- ▶ We will solicit your input on the training topics you need, some ideas include:
 - ▶ Understanding the electricity system
 - Resource planning, energy markets, energy forecasting
 - ▶ Measures, programs, and policies for reducing CO₂ from the electricity system
 - Includes emission, measurement and verification guidance for renewable energy and energy efficiency programs
 - ▶ Gathering and using electricity and emission data

* With WESTAR, MARAMA, CENSARA, Metro4/SESARM, NESCAUM, LADCO, NACAA, AAPCA

Gathering Input on Additional Topics

- ▶ In addition to training, EPA will be connecting with states on issues as they ripen
- ▶ EPA will be closely following implementation issues to determine the needs of the states, such as:
 - ▶ Checklists of essential plan elements
 - ▶ Measures to reduce emissions from power plants, in particular:
 - Measures outside the BSER building blocks
 - Including already existing state programs
 - ▶ State plan templates, examples or model rules including detailed elements such as:
 - Compliance pathways, crediting mechanisms and measures to ensure meeting the goals, regional planning approaches and others

President Obama's Proposed FY 2016 Budget

- ▶ The President's FY 2016 budget prioritizes climate action by providing funding to support efforts to address climate change
- ▶ \$25 million in grants to help states develop their Clean Power Plan strategies
- ▶ Clean Power State Incentive Fund Proposal of \$4 billion investment fund for states
 - ▶ Opportunity for all states to invest in a range of activities that provide states with the opportunity to go further than the Clean Power Plan requirements, including:
 - Addressing disproportionate impacts from environmental pollution in low-income communities and;
 - Supporting businesses expanding efforts in energy efficiency, renewable energy, and combined heat and power through, for example, grants and investments in much-needed infrastructure

Regional Contacts

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Staying Connected

- ▶ EPA is eager to stay connected with states
- ▶ EPA needs your help to continue the robust outreach and engagement
- ▶ Please contact us if you have questions or have any needs for Clean Power Plan implementation
- ▶ Thank you!