

EAC Clean Power Plan Working Group Report

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Arlington, VA

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Great Uncertainty Constrains EAC Recommendations

- Implementation delays
- State approaches unclear
- Need to inventory work being done
 - DOE
 - RTOs
 - States
- Extent of collaboration between regulators and agencies (FERC/DOE/EPA/States)

Working Group Research Needs

- Modelling assistance appears necessary
 - Varying capacity between and among states
 - Rate v. Mass approaches
 - Multi-state compliance opportunities
 - Need for consistent methodologies to identify compliance approaches and track effectiveness
 - Role of markets.

Understanding the State of Play

- The Working Group acknowledged that DOE may already be doing work in a number of areas we have imperfect knowledge of.
- We decided to request a series of webinar briefings to learn about the efforts underway and identify needs we could suggest be addressed
- We developed a list of topics and attempted to rank them by priority.

Briefing Topics

- Gap analysis on models? What is being done? We discussed the seemingly great need on the part of the states for help in this area and recognize that much work is already being done by DOE and others. Has DOE inventoried these efforts? Are there gaps?
- Amongst the different models, who can get access to them? Some are proprietary.
- What is the status of EPA/DOE/FERC coordination? What kinds of guidance is the EPA providing regarding their needs for modeling? Is there a consistent modeling format being considered to aid compliance assessments? What is the strategy for outreach to states?

Briefing Topics, Ctd.

- Climate risk analysis? Have we done an evaluation of at risk plants due to climate?
 - Drought vulnerability? Sea level rise? Extreme heat events? Others?
- What DOE or related work is being done on transmission analysis to get access from remote areas to the load centers.
 - NREL?
 - EISPC?
 - Other?
- Is DOE studying ways to create fluid and voluminous markets as part of compliance plan modelling? Is there a lot of dialogue from decision makers on this topic?

Briefing Topics, Ctd.

- Is there work being done on the distribution side EE and demand response resources? Is this work all part of the lab call? NREL, PNNL, etc.?
- What work is being done if any on rate designs, flat rate, and variable rate design, etc.?
- Is anyone “modeling” the best ways for states to get to the 2030 CPP requirements in a way that will best serve our goals for 2050 and beyond? Choosing either Mass vs. rate approaches could drive construction new natural gas plants and pipelines. Without a major effort to develop carbon sequestration at gas plants, this approach could complicate attempts to achieve our more aggressive 2050 goals.

Rankings were inconclusive

- The Working Group attempted to rank these via email, but there was not agreement.
- We will need to discuss the topics further and see if we can merge some topics to make our calls more efficient for DOE

Next Steps

- Working Group reviews topics
- Confer with DOE on availability and schedule for webinars/calls
- Review and summarize lessons from calls
- Suggest recommendations to DOE
- Timeline:
 - September meeting?



Questions?