

Clean Power Plan Update

John Morrill, Arlington County

VAEEC Governance Board member

DEQ CPP Stakeholder Group member on behalf of
the Virginia Association of Counties (VACO)

VAEEC Spring Meeting
University of Richmond
May 26, 2016



Clean Power Plan Update

Views expressed herein are those of John Morrill, and not necessarily those of Arlington County or the Virginia Association of Counties.

Clean Power Plan Update

The Clean Power Plan sets very modest goals for Virginia

Virginia's Interim (2022-2029) and Final Goals (2030)

VIRGINIA			
	CO ₂ Rate (lbs/Net MWh)	CO ₂ Emissions (short tons)	
2012 Historic ¹	1,477	27,365,439	
2020 Projections (without CPP)	959	26,433,868	
	Rate-based Goal	Mass-based Goal (annual average CO ₂ emissions in short tons)	Mass Goal (Existing) & New Source Complement
Interim Period 2022-2029	1,047	29,580,072	30,030,110
Interim Step 1 Period 2022-2024 ²	1,120	31,290,209	31,474,885
Interim Step 2 Period 2025-2027 ³	1,026	28,990,999	29,614,008
Interim Step 3 Period 2028-2029 ⁴	966	27,898,475	28,487,101
Final Goal 2030 and Beyond	934	27,433,111	27,830,174

Source: U.S. EPA Clean Power Plan

Clean Power Plan Update

DEQ CPP Stakeholder Group

Established Oct 23, 2015 to discuss alternatives and compliance paths the Commonwealth may consider to meet the U.S. EPA Clean Power Plan rule.

Members invited due to impact the rule may have on their interests or on those whom they represent.

Clean Power Plan Update

DEQ CPP Stakeholder Group

We met five times between November 12, 2015 and March 11, 2016.

No further meetings are scheduled, although another *could* be called before July 1.

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Stakeholder group members

Advanced Energy Economy

American Electric Power

Alpha Natural Resources

Birchwood Power Partners

Power Plant Mgmt. Services

Covanta

Dominion

Doswell/LS Power

NRDC

Old Dominion Electric Coop.

Tenaska

VACO (Arlington County)

VMA (Westrock)

We Act (withdrew Jan. 2016)

Clean Power Plan Update

Stakeholder group members – fossil-fuel power interests

Advanced Energy Economy

American Electric Power

Alpha Natural Resources

Birchwood Power Partners

Power Plant Mgmt. Services

Covanta

Dominion

Doswell/LS Power

NRDC

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We Act (withdrew Jan. 2016)

Clean Power Plan Update

Stakeholder group members – retail customer interests

Advanced Energy Economy

American Electric Power

Alpha Natural Resources

Birchwood Power Partners

Power Plant Mgmt. Services

Covanta

Dominion

Doswell/LS Power

NRDC

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Arlington Initiative to
**Rethink
Energy**

Clean Power Plan Update

Significant differences of opinion –

- There *is* a difference between *rates* and *bills*.
- Enormous cost-effective potential for efficiency gains in Virginia was generally unrecognized (perhaps because of historically weak EE programming in VA?).

Clean Power Plan Update

We agreed on a few things, but not the most important decisions

Question 2: The group did not come to consensus as to what general mechanism should be used to implement the preferred compliance plan:

option	support	oppose	neutral/unsure
rate	4 members	7 members	1 member
mass - existing only	3 members	3 members	5 members
mass with new source component	5 members	5 members	1 member

Source: Final Activity Report – Stakeholder Group Concerning the Clean Power Plan for Greenhouse Gases <http://www.deq.virginia.gov/Programs/Air/GreenhouseGasPlan.aspx>

Clean Power Plan Update

Earlier this spring, in a budget maneuver, the General Assembly barred DEQ from spending any money in FY17 to continue work developing Virginia's CEP compliance plan until the Supreme Court's stay is lifted.

Stay tuned...