



Environmental Issues Panel Emerging Issues Impacting the Boiler Fleet

CIBO Annual Meeting
Stoweflake Resort, Vermont
October 18, 2013

Distinguished Panel

- Rob Kaufmann: Energy/environment interface, latest on biomass carbon neutrality
- Vince Albanese: GHG NSPS for new & existing utility units
- Bill Campbell: Stalled Coal Combustion Residuals rulemaking and proposed utility Effluent Guidelines
- Bob Fraser: NAAQS & GHG permitting for boilers

EPA & Our Energy Future

- Energy & environment are inextricably linked, and EPA is involved at every step: extraction, processing, distribution
- For now, US has a huge competitive advantage due to abundant, inexpensive energy supply
- Could EPA actions affect the long-term outlook for fossil fuels?
 - Natural gas
 - Coal & pet coke
 - Oil

Recent Developments on Biomass Combustion Carbon Neutrality

- EPA, in July 2011, deferred consideration of biomass CO₂ emissions in PSD and Title V permitting for 3 years
- On July 12, 2013, the D.C. Circuit Court of Appeals vacated EPA's July 2011 biogenic CO₂ deferral rule—the mandate hasn't been issued yet
- EPA is working on a "biomass accounting framework" that will feed into a rulemaking on potential biomass CO₂ neutrality under PSD & Title V permitting
- AFPA is having separate discussions with EPA and another group that includes EDF and the Nature Conservancy
- We are cautiously optimistic that the vast majority of biomass combusted by the forest products industry will be deemed carbon neutral, though details of the framework are still lacking