Ned Leonard – Vice President

American Coalition for Clean Coal Electricity
Whadya mean there’s no such thing as clean coal?
EPA’s war on coal

BACT for GHGs
CSAPR (in litigation)
Utility MACT (in litigation)
Regional haze/BART
NSPS for GHGs (in litigation)
PM$_{2.5}$ standard (2012)
Coal combustion residuals (2013)
Cooling water (2013)
Ozone standard (2014)
Effluent guidelines (2014)
Fuel-switching challenges

- Legislation defeated
- Monitoring activity
Aubrey McClendon
Chesapeake Energy
CEO
AMERICA: FUELED BY COAL

NEXT RACE: SATURDAY, SEPTEMBER 22 @ 3:30 PM KENTUCKY SPEEDWAY

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America's Power Tour

367,298
Issues & Policy

The American Coalition for Clean Coal Electricity (ACCCE) advocates for public policies that advance environmental improvement, economic prosperity and energy security. ACCCE believes that the wise use of coal – one of America’s most abundant, domestically produced energy resources – is essential to providing affordable, reliable electricity for millions of U.S. consumers and a growing domestic economy. Further, ACCCE is committed to continued and enhanced U.S. leadership in developing and deploying new, advanced clean coal technologies that protect and improve the environment. Finally, ACCCE closely follows issues and public policy deliberations at the federal and state levels.

- **Coal Facts** – Interesting facts about coal-based electricity
- **EPA compliance in 2014** – The status of major EPA regulations affecting coal-based electricity generation
- **Natural Gas Paper** – Comparison of coal and gas supplies and prices, as well as other relevant data
- **Coal coke market** – Market for coal cokes and coke screening
- **Air Quality Trends** – Analysis of EPA data showing improvements in air quality and emissions for each state and for five regions of the U.S.

Federal Issues

The American Coalition for Clean Coal Electricity supports federal policies that promote economic and environmental progress, energy security, and the wise use of domestic coal because of its abundance and affordability. Here are the issues we’re focused on:

**Utility MACT**

- Utility MACT Paper – Costs and benefits of the final rule based on EPA’s own numbers.
- NERA Modeling of Utility MACT – Modeling that shows some of the impacts of the Utility MACT rule.
- Summary of NERA Modeling of Utility MACT – One-page summary of the above NERA report.
Natural gas has been and is expected to be a more expensive fuel than coal. Natural gas prices are highly volatile, whereas coal prices have been more stable. There is significant uncertainty about the amount of natural gas resources available.

The price of developing future natural gas resources is expected to be much higher than current prices, which suggests natural gas prices could be substantially higher in the future.

Promoting the use of natural gas for electricity generation decreases its availability and increases its price for other sectors of the economy.

Substantially increasing the amount of natural gas used for electricity generation will require significant infrastructure investment.

Dramatically increasing the use of natural gas in electricity generation may adversely impact electric reliability.

Renewable Electricity Standard fights

Ballot initiative/legislation defeated

Ballot initiative pending
Carbon legislation pending

Low oil prices ($50-60 per barrel)

High natural gas prices

High cost carbon dioxide capture
- Carbon legislation pending
- Low oil prices ($50-60 per barrel)
- High natural gas prices
- High cost carbon dioxide capture
Enhanced Oil Recovery
EOR could potentially use CO\textsubscript{2} from 60 GW of power plants to produce 67 billion barrels of oil.

Source: Charles D. McConnell, Assistant Secretary of Energy
67 billion barrels is twice current U.S. production reducing oil imports by 2 million barrels per day over 35 years.

Source: Charles D. McConnell, Assistant Secretary of Energy
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