

OAR Update & Priorities

Clean Air Act Advisory Committee Meeting

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NAAQS

- **Ozone review**
 - Public hearings completed
 - Comment period closes
Oct. 9
 - Final decision by 3/12/08
- **Lead Review**
 - Final Staff Paper by Nov. 1
 - ANPR by Nov. 30
 - Proposal – March 2008
 - Final – Sept. 2008
- **SO₂**
 - Review to be completed in
2010
- **CO**
 - ANPR : February 2011
 - Proposal : October 2011
 - Final: July 2012
- **PM_{2.5} (1997 standards)**
 - State plans due April 2008

Implementing CAIR, CAVR & CAMR

CAIR

- Federal Plan put in full effect in June 2006.
- Power industry showing firm commitments
 - Installing install close to 55 GWs of new scrubbers & 25 GWs of SCR by 2010.
- All states plan to join CAIR trading programs for SO₂ and NO_x.
 - Majority have submitted CAIR plans for entire program, or to make NO_x allocations.
- EPA action on all “submitted” CAIR plans by end of the year

CAVR

- SIPs for CAVR due December 2007

CAIR, CAVR & CAMR, cont.

CAMR

- ~ 60% of states have formally submitted CAMR plans; others expected in Fall.
- ~ 37 states (including 2 tribes) appear interested in having trading programs, some with direct controls that provide a “hybrid” approach (10 states),
 - About 12 states want direct controls
 - The remaining three states and DC have no coal-fired units
 - EPA expects viable trading market backed by sound monitoring to emerge.
- EPA finalizing federal backstop by end of the year
 - Will ensure that national mercury monitoring begins January 2009
 - Controls will go into effect for all covered coal-fired generation in January 2010.
- Holding implementation workshops for states and sources to ensure smooth start up.
- Will act on all “submitted” CAMR plans by early winter 2008

Mobile Sources Update

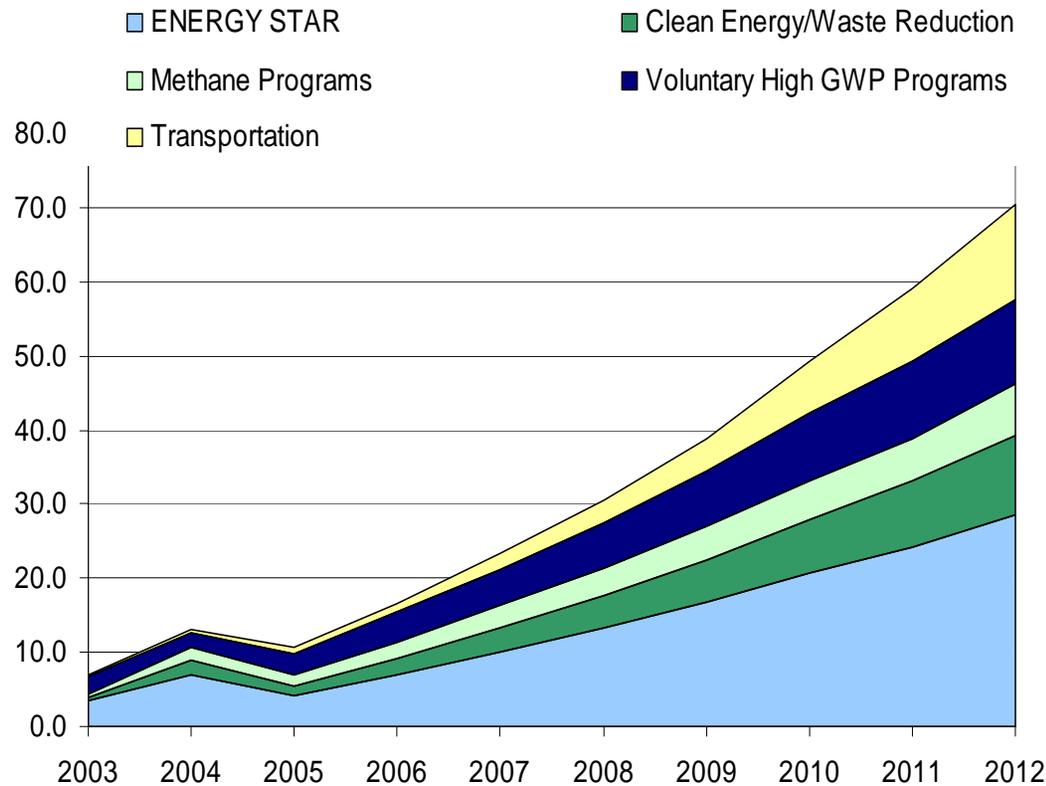
- **RFS Program**
 - Began on September 1, 2007
 - 4.02 percent of the gasoline sold or dispensed to U.S. motorists in 2007 must be renewable fuel
- **Locomotive and Marine Rule**
 - Proposed in March 2007
 - Final by December 2007
- **Fuel Economy**
 - New estimates took effect with new 2008 vehicles
 - Re-designed EPA sticker is now required to allow for more informed decisions

Greenhouse Gas Emissions

- **President's Executive Order – May 2007**
- **Requires:**
 - Setting a mandatory fuels standard to require the equivalent of up to 35 billion gallons of renewable and other alternative fuels in 2017
 - Reforming and modernizing corporate average fuel economy (CAFE) standards for cars and extending the current light truck rule
 - Interagency regulatory development
- **Proposal – Fall 2007**

EPA Energy and Climate Programs

In 2005 alone, EPA climate partnerships prevented 63 million metric tons of carbon-equivalent GHG emissions, contributing to over 86 in total EPA-led reductions that year.



G8: Global Climate Change Strategy

- **G8 Major Economies Meeting**
 - Sept. 27-28, in Washington
- **Kicks off process to develop Post-2012 Framework on climate change and energy security by the end of 2008**
 - Long-term “aspirational” GHG reduction goal
 - Near and mid-term national strategies
 - Focus on key sectors, i.e. advanced coal and transport
- **Invitees include developed economies and major emerging markets such as China and India**

Other Priorities

- **20th Anniversary Montreal Protocol**
 - 19th Meeting of the Parties
- **Indoor Air**
 - International Partnership for Clean Indoor Air (PCIA)
 - Reducing Indoor Air Pollution from Burning Biomass and Coal Indoors for Home Cooking and Heating
 - Presidential “Clean Energy Initiative”
- **Radiation**
 - Yucca Mountain – Interagency Review

Other Priorities

- Ozone/PM2.5 NAAQS
- Onroad and nonroad diesel rules
- Air monitoring network re-structuring
- Air toxics residual risk and area source rules
- Mobile source air toxics rule
- Locomotive and marine rule
- Small engines rule
- Stratospheric ozone protection: continue transition to environmentally preferable technologies and materials
- Radon: increase risk reduction program momentum