

Engaging Air Quality Agencies on Energy Efficiency



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Opportune Time Now to Reach Out to AQ Agencies



Office of Air Quality Planning and Standards

Anticipated NAAQS Implementation Milestones

(updated September 2012)

Pollutant	Final NAAQS Date (or Projection)	Infrastructure SIP Due	Designations Effective	Attainment Demonstration Due	Attainment Date
PM _{2.5} (2006)	Oct 2006	Oct 2009	Dec 2009	Dec 2012	Dec 2014/2019
Pb	Oct 2008	Oct 2011	Dec 2010/2011	June 2012/2013	Dec 2015/2016
NO ₂ (primary)	Jan 2010	Jan 2013	Feb 2012	none	none
SO ₂ (primary)	June 2010	June 2013	TBD	TBD	TBD
Ozone (2008)	Mar 2008	Mar 2011	July 2012	2015	2015/2032
PM (current review)	Dec 2012	Dec 2015	Early 2015	2018	2020/2025
Ozone (current review)	2014	2017	2016	2019	2019/2036

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There will be Future Opportunities

Current Schedule for Ongoing NAAQS Reviews (updated September 2012)

MILESTONE	POLLUTANT						
	NO ₂ /SO ₂ Secondary	PM	Ozone	Lead	NO _x Primary	SO ₂ Primary	CO
NPR	<u>Jul 12, 2011</u>	<u>Jun 14, 2012</u>	2013	Feb 2014	Aug 2015	Feb 2016	Jul 2016
NFR	<u>Mar 20, 2012</u>	<u>Dec 14, 2012</u>	2014	Nov 2014	May 2016	Nov 2016	Apr 2017

NOTE:

Underlined dates indicate court-ordered or settlement agreement deadlines.

One Driver: EPA's Roadmap

- Avails three new pathways for incorporating EE in SIPs:
 - baseline emissions forecast
 - control strategy quantification
 - weight-of-evidence
- Pilot projects underway in: MA, MD, NY, NC
- Underscores need for more/better/standardized quantification techniques (energy savings into emissions reductions)



North Carolina EE-AQ Workshop (October, 2012) -- started an important multi-agency conversation

Take-Aways from NC Workshop (1)

- Establish a partnership up front, get management buy-in (brings along the staff)
- Understand each others' mandates and programs first – start by training each other
- Focus on state-specific, real opportunities; build joint projects/case studies around those
- Brainstorming brings innovative ideas to the table

Take-Aways from NC Workshop (2)

- Help your AQ partners understand energy data
 - What is out there, where to get it, what do they need
 - How it compares with AQ data re: robustness
 - How emissions quantification methods for EE programs could be improved
- Work on developing a sustainable dialogue, with joint ownership (and identify a “convener”)
- Bring in EPA and other resources
- It takes time, be patient and open