



U.S. Department of Energy
Energy Efficiency
and Renewable Energy



U.S. Department of Energy Clean Cities Update

Mike Bednarz, Program Manager

US Dept. of Energy – National Energy Technology Lab
Pittsburgh, PA

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Clean Cities

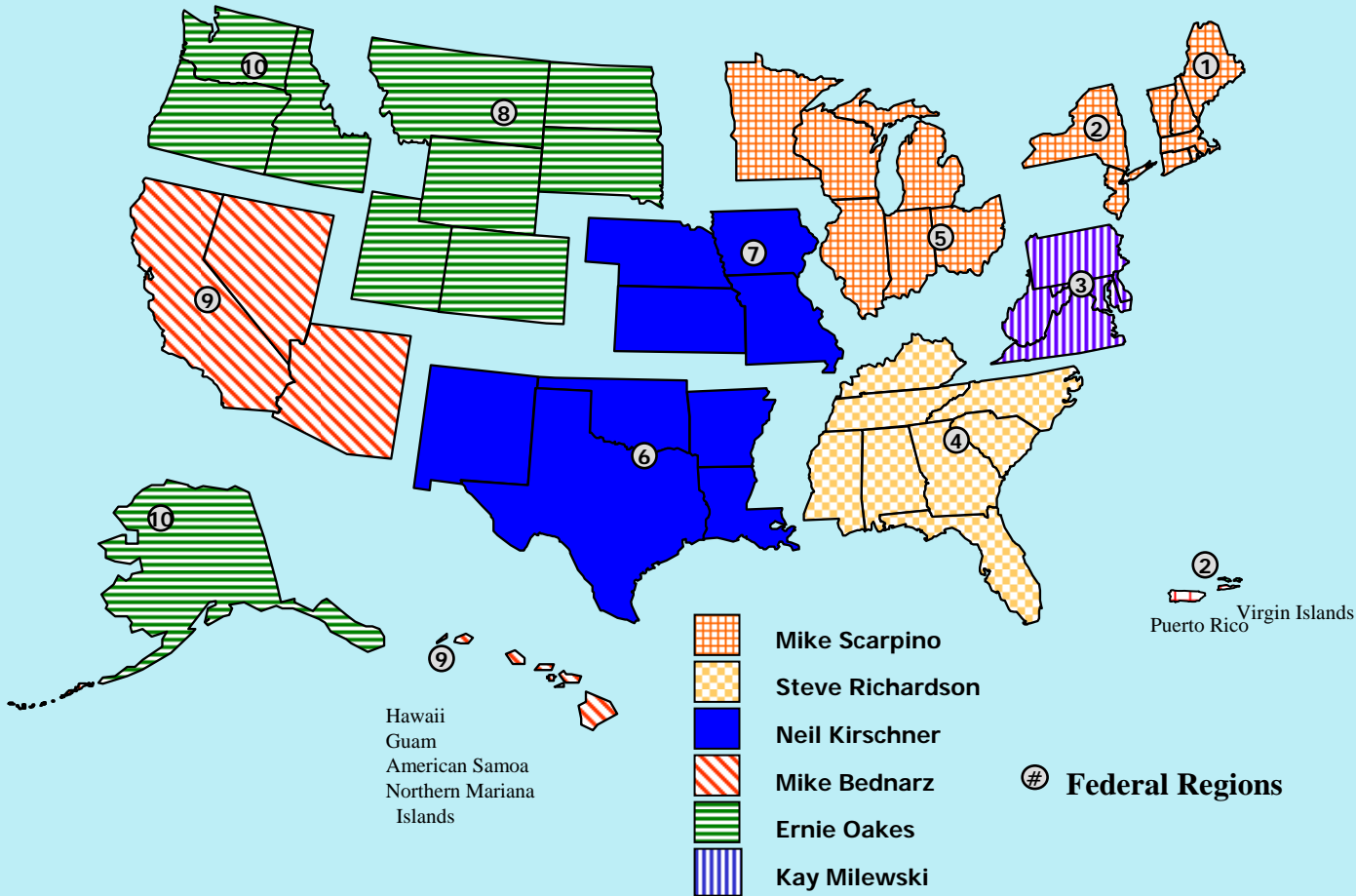


- 86 Designated Coalitions
 - 22 in Regions 9 & 10
- 232,483 AFVs;
- 5,406 AFV Stations;
- 3,980 Stakeholders;
- Coalitions Serve 63% of U.S. population



Clean Cities Assignments

NETL Project Managers



- 6 Regional DOE Representatives
- Welcoming Ernie Oakes back in the program along with Kay Milewski, starting March



Clean Cities Budget

- FY07 Budget: ??
- President's FY08 Budget Request: \$9.593M
- Coalition support funding (~\$10k) expected to be available to designated coalitions in late April.





Tools: FY 07 Web Casts and Meetings

Web Casts	
Month	Topic
Mar. 15 2007	UL Process and Status of E85 pump certification
Apr. 2007	FFVs & Conversions
May 2007	B20 and NOx
Jun. 2007	Excise tax, how governments can obtain refund
Jul. 2007	States and GHG legislation
Aug. 2007	Emissions: What's behind the numbers?
Sept. 2007	What we've learned from the associations

Meetings	
Month	Meeting
Apr. 1 2007	Western, Anaheim
Jun. 27-29 2007	Mid-Atlantic and Northeast, Pittsburgh
Sep. 25-27 2007	Coordinator Retreat, Mammoth Cave National Park

West Coast WebEx every Last
Wednesday of the Month @ 3PM EST



New Tools

- NREL
 - Updating the DOE Clean Cities web site
 - Developing Alternative Compliance Program planning web tool

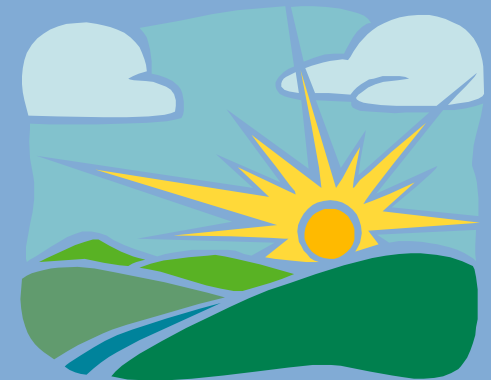
Training

- CMAQ
- Non-profit Development
- Grant Writing



Annual Questionnaire

- Extensions granted for 1 month – due end of March for those who needed additional time
- Completed surveys tied to coalition support funding in FY07 and travel support to National Retreat at Mammoth Cave National Park, KY in September





UL & E85 Issue Support

- Continued work with UL to achieve certification of E85 pumps.
- NREL has developed a mock-up website to provide useful information regarding this issue.
- It will be on-line once approved.



Biodiesel Solicitation

- National Biodiesel Foundation (NBF), U.S. Department of Energy (DOE), and the Maryland Energy Administration (MEA) are funding nine \$10,000 grants to hold workshops or stakeholder meetings focused on biodiesel quality.
 - Proposals are due March 30, 2007 and should be sent to Jill Hamilton, jill.sesi@cox.net
- NBF and the National Biodiesel Board plan to establish a hotline which will provide resources to respond to quality concerns.





FCVT FY07 Funding Opportunity for E85 Vehicle Efficiency

- Topics include: *E85 Optimized Engine, Enabling Technologies for Fuels and Lubricants*, and Efficiency Clean Combustion and Fuels Co-development. Solicitation released January 2007, expected close date of March 2007
- <http://www.netl.doe.gov/business/solicitations/index.html#43103>



Alternative Fuel Transportation Program

- EPA Act of 2005 allows covered State & Alternative Fuel Provider Program entities an additional option for compliance – **Alternative Compliance**.
 - **Petroleum fuel reduction** versus AFV acquisitions
 - Must apply to DOE for waiver on entire fleet, annually
 - Determine petroleum reduction amount
 - Describe plan for achieving petroleum reduction amount
 - Petroleum reductions must be verifiable and backed up by data
 - **Final Rule is out and guidance due out soon**, should begin in **MY2008**.
 - NREL developing a **web tool** to assist interested fleets in determining baseline petroleum reduction



West Coast Region Coordinator Council Representatives

Purpose: Provide input to Clean Cities' strategies and provide a link to other coordinators in the Central region.

Primary Central Region Council Members:

- **Mark Brady** – Puget Sound Clean Cities Coalition, WA
- **Linda Urata** – San Joaquin Valley Clean Cities Coalition, CA



Coalition Designations / Redesignations

- Key Changes: Designation
 - Pre-screening Process
 - Help potential coalitions understand the level of work and commitment for designation
 - DOE identifies level of activity to date
 - Must complete and submit annual survey questionnaire
 - Program Plan Approval
 - Now includes Coordinator Council concurrence
 - 1 year of coordinator position funding must be in place



Coalition Designations / Redesignations

- Key Changes: Redesignation
 - *Complete* annual questionnaire, quarterly AF price reports, and monthly AF infrastructure sites *on time*
 - Deficient coalitions will be placed on probation and will be ineligible for DOE funding opportunities
 - Coalitions deficient for 12 months will lose designation
 - Attendance at one or more national/regional DOE Clean Cities workshops or retreats
- Every five years:
 - Submit letter requesting redesignation
 - Submit updated stakeholder list with contact information



President's State of the Union Address

- **President's Goal:** Reduce the nation's consumption of gasoline by 20% over the next 10 years. This can be reached by:
 - Setting a Mandatory Fuels Standard to require the use of renewable and alternative fuels in the transportation sector to 35 billion gallons a year in 2017
 - Reforming and Modernizing CAFÉ Standards for Cars and Extending the Current Light Truck Rule



President's Biofuels Initiative

- **2012 Goal:** Fund additional research in cutting-edge methods of producing ethanol
 - Not just from corn, but wood chips and stalks, or switch grass
 - Make cellulosic ethanol practical and competitive by 2012
- **2030 Goal:** Replace 30% of current gasoline consumption with ethanol





Cellulosic Ethanol Plants

- DOE recently selected Six Cellulosic Ethanol Plants for Up to \$385 Million in Federal Funding.
- Once fully operational, these plants are expected to produce more than 130 million gallons of cellulosic ethanol per year.
- This supports the 2012 goal of making cellulosic ethanol cost competitive with gasoline.





Tools and Resources

www.eere.energy.gov/afdc

Includes:

- Alternative Fuels Station Locator
- Alternative Fuels Properties Comparison
- Toolkits
- Alternative Fuels Training
- Education Resources
- Related Links
- Industry Contacts
- The Campaign for an American Fuel
- E85 Fleet Toolkit
- Document Database

U.S. Department of Energy
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Alternative Fuels Data Center

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Clean Fleet Guide

The Campaign for an American Fuel

E85 Fleet Toolkit

Document Database

Clean Cities

Helpful Tools

- Alternative Fuels Station Locator
- Alternative Fuel Properties Comparison
- Toolkits
- Alternative Fuels Training
- Education Resources
- Related Links
- Industry Contacts
- Clean Fleet Guide
- Frequently Asked Questions About Alternative Fuels

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Contact Information & Resources:

- Mike Bednarz
 - Michael.Bednarz@netl.doe.gov
 - 412.386.4862
- Marcy Rood
 - Marcy.Rood@ee.doe.gov
 - 202.586.8161
- Clean Cities Web Site:
 - <http://www.eere.energy.gov/cleancities/>
- EPA Act Web Site:
 - <http://www1.eere.energy.gov/vehiclesandfuels/epact/index.html>