



Federal Biomass Activities

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OFFEE

- Established in the Clinton Administration
- Part of the White House Council on Environmental Quality
- Works with Federal agencies to make the operations underlying their respective missions more sustainable
- Sustainable activities: waste prevention/recycling, green purchasing, sustainable buildings, electronics stewardship, environmental management systems
- Provides policy development and implementation, guidance, tools, metrics, reporting, best practices
- Works closely with agency program managers – EPA; Departments of Energy, Agriculture, Defense; General Services Administration – and the Office of Management and Budget

Federal Biomass Activities

- Biopower
- Biofuels
- Bioproducts

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Biopower

- Federal agencies required to purchase 3% of their electricity from renewable sources, increasing to 5%
- Most Federal renewable power purchases come from sources based on wind, solar, geothermal, and recovered landfill methane
- Several on-site projects, including the U.S. Coast Guard installation in Baltimore, which now uses 100% landfill methane-based electricity generation
- Top 50 partners of EPA's Green Power Partnership include U.S. Air Force, EPA, DOE, GSA Region 2, and Dept of Veterans Affairs
 - Air Force, EPA, and VA buy some biomass-based power

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Biofuels – R&D

- R&D funding of feedstocks, manufacturing technologies
- Addressed other issues, such as state fire marshal concerns about ethanol pumps
- Participating in ASTM development of standards for biodiesel
- Biomass R&D Board
 - Co-chaired by USDA and DOE
 - During Bush Administration, primarily focused on ethanol
 - Members include Executive Office of the President; EPA; Depts of Commerce, Defense, the Interior, Transportation, and the Treasury; and the National Science Foundation
 - Looking at feedstocks, cellulosic ethanol, distribution from point of manufacture to point of sale, and other biomass fuel technology issues
 - Developed and published “National Biofuels Action Plan,” addressing ethanol – primarily cellulosic ethanol
 - Board on hold now due to lack of resources

Biofuels

<http://www.brdisolutions.com/default.aspx>

Biofuels - AFVs

- Meeting/exceeding statutory requirement that, annually, 75% of replacement vehicles be alternative fuel vehicles
- Annually purchase millions of gallons of ethanol (E85) and biodiesel (B100 or B20)
- BUT, lack of fueling infrastructure limits use of biofuels, especially E85
- Working to site fueling stations, especially E85 pumps
 - DOE GIS database identifying location of Federal fleets
 - DOE-hosted industry days to promote siting of pumps near Federal fleets
 - 08/2009 DOE funding to Clean Cities to site 542 refueling stations, including E85, B20, CNG, and propane stations

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Biobased Products Purchasing

- Begun during the Clinton Administration, as part of Federal green purchasing efforts
- Now a statutorily established program, similar to, and based on EPA's procurement guidelines for recycled content products
- USDA BioPreferred Program consists of item designations and the voluntary labeling program
- USDA designates items for Federal agencies to purchase and provides recommended biobased content levels
 - 33 items designated so far in lubricants, Cafeteriaware, janitorial services, construction, personal care, and other categories
- Labeling rule proposed in July
- USDA web site provides guidance, example contract language, and vendor-provided product information
- USDA also developed and presents biobased product purchasing training

Biobased Products Purchasing

www.usda.gov/biopREFERRED

<http://www.ofee.gov/gp/gp.asp>



Questions?

For More Information

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