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Energy Efficiency  
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# West Virginia Clean State Program Recent Accomplishments & Future Goals

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June 27-29, 2007



## Coalition Status and Sustainability

- Current Status
  - Part-time coordinator
  - State energy office: West Virginia Energy Efficiency Program
  - Other duties include buildings, outreach on renewable energy, development of state energy plan
- Membership Structure / Strategies
  - Interested in exploring how other SEOs handle



## Biodiesel in West Virginia

- 16 county school systems
- 1 public transit authority
- WV Biofuels/Green Fuel Crop Collaborative
- Inwood Farmers Market
- 2 new production facilities
- West Virginia Friends of Biodiesel conference (Oct. 2)
- West Virginia University Biofuels Conference (Aug. 2)



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## Significant/Noteworthy Biodiesel Projects

- Biodiesel survey

School systems: Using and non-using

Letter to superintendents

Map of suppliers, users

**Current Biodiesel Distributors**

**Belmont Petroleum**  
740/633-8300  
Wheeling, West Virginia

**Brannon Oil Company**  
304/965-6838  
Pinch, West Virginia

**Bruceton Petroleum Company**  
304/329-4547  
Kingwood, West Virginia

**Guttman Oil Company**  
800/296-5823  
Elkins, West Virginia

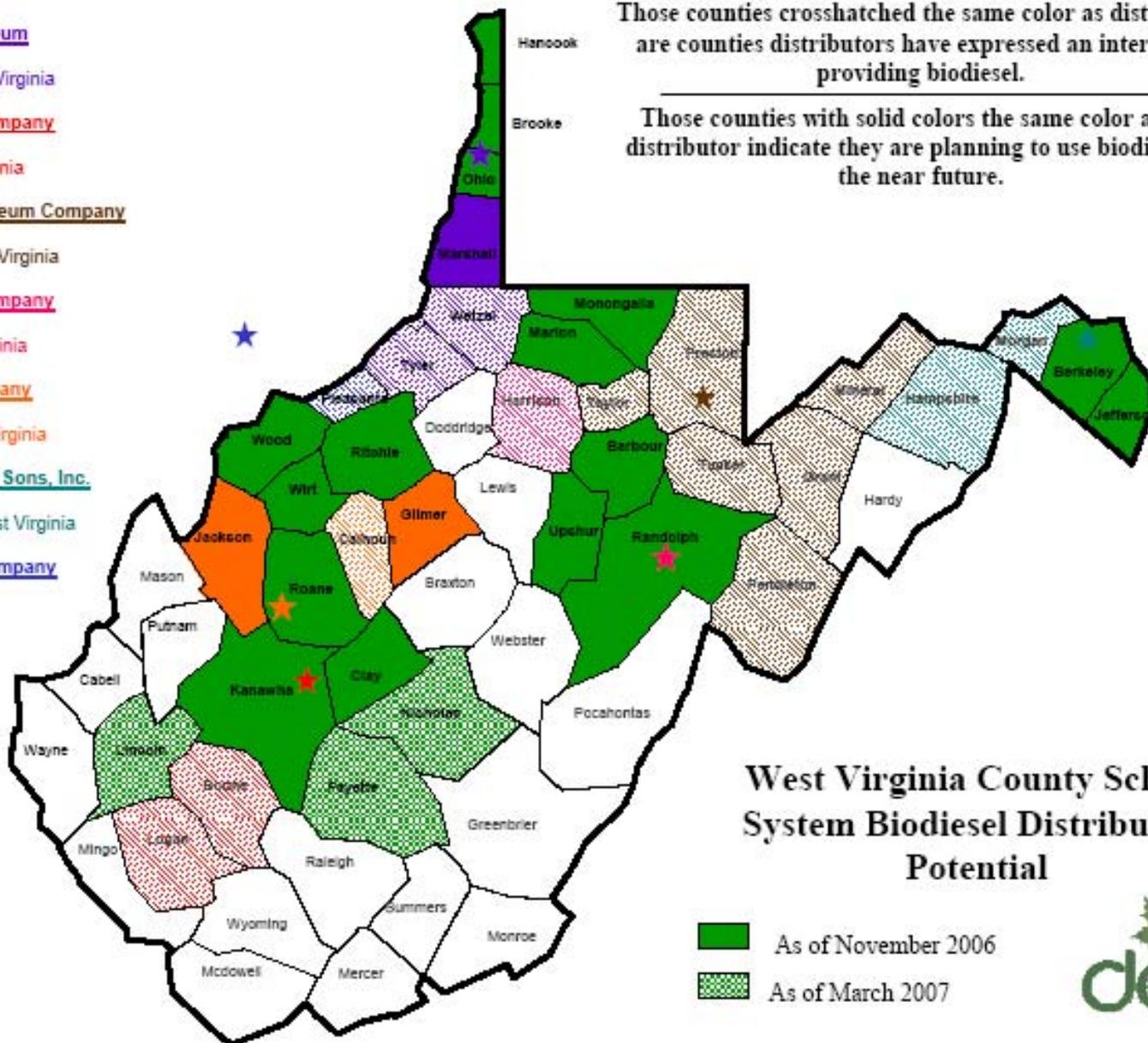
**Harris Oil Company**  
304/927-2470  
Spencer, West Virginia

**R.M. Roach and Sons, Inc.**  
304/283-3329  
Martinsburg, West Virginia

**Sherlock Oil Company**  
800/634-9508  
Beverly, Ohio

Those counties crosshatched the same color as distributor are counties distributors have expressed an interest in providing biodiesel.

Those counties with solid colors the same color as the distributor indicate they are planning to use biodiesel in the near future.



**West Virginia County School System Biodiesel Distribution Potential**

- As of November 2006
- As of March 2007





## Ethanol in West Virginia

- 2 public ethanol stations
- Appalachian Woody Biomass to Ethanol conference in September
  - Topics include national and regional biomass availability, policies, conversion technologies and bio-based materials opportunities in the Appalachian Region
  - [www.wdsc.caf.wvu.edu/BioMCenter](http://www.wdsc.caf.wvu.edu/BioMCenter)



## Significant/Noteworthy Ethanol Projects

- Provided information to West Virginia Division of Labor, Weights and Measures section resulting in variance that will allow ethanol dispensers



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## Coal Biomass to Liquid (CBTL) in West Virginia

- Working with companies to locate plants
- Technology produces No. 1 (kerosene or jet fuel) or No. 2 (diesel or home heating oil)
- Working with West Virginia University and private sector on biomass study that integrates coal and biomass resources for liquid products



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## Idle reduction in West Virginia

- Partnership with Department of Environmental Protection
- Letter to superintendents in progress that cites W.Va. school bus anti-idling policy
- DEP has funds for anti-idling signage



## Carpooling in West Virginia

- West Virginia Ride Share Program
  - Open to Capitol Complex employees
  - 98 participants since program's inception
  - Online registration, searchable database
  - Participation grows as gas prices rise
  - In 2006, 3,000+ gallons of gasoline saved



## Significant/Noteworthy Coalition Outreach Activities

- Alternative Energy Odyssey event
  - Hybrids, biodiesel conversion van, FFVs
- Inquiries from residents
  - Anti-idling, biodiesel, alternative fuels, hydrogen and fuel cells



## Goals for 2007 & Beyond

- Clean Air Forum
  - Joint newsletter between DEP and W.Va. Clean State Coalition
  - Fall issue: alternative fuels
- Expand use of biodiesel in remaining school systems
- Expand use of biodiesel in remaining public transit authorities
- State energy plan
  - Reduce use of transportation fuels in state government
  - Promotional campaigns for hybrids, high mileage gasoline and hybrid-diesel vehicles; public transportation.
  - Support demonstration of plug-in electric vehicles.
  - Promote idling reduction in trucks, railroads