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## Energy Efficiency and Renewable Energy Programs and Activities in the Metropolitan Washington Region (October 2005)

Jurisdiction	Energy Star	Renewable Energy/Green Power	Green Buildings /Energy Reduction Program	Advanced Transportation Technology Strategies	Aggregate Energy Purchasing: Municipal and/or Consumer
<i>Alexandria</i>			<ol style="list-style-type: none"> <li>1. Has Green Building Technology;</li> <li>2. New school have to LEED certified for silver rating;</li> <li>3. New library and health department will incorporate green technology, such as green roofs;</li> <li>4. City co-owns Waste-to-Energy Plant</li> </ol>	<ol style="list-style-type: none"> <li>1. Uses low sulfur diesel in city's bus system (DASH);</li> <li>2. Hybrid vehicles in city's fleet;</li> <li>3. City provides transit subsidy</li> </ol>	
<i>Arlington</i>	<ol style="list-style-type: none"> <li>1. ENERGY STAR Partner – using Portfolio Manager for relevant facilities; enrolled in Energy Star Courthouse program and seeking attainment.</li> </ol>	<ol style="list-style-type: none"> <li>1. Purchasing 3% of electricity as green power (from wind)</li> </ol>	<ol style="list-style-type: none"> <li>1. Green Building Program - Green Incentive Program for commercial sites;</li> <li>2. Green Building Fund for developers;</li> <li>3. Green Home Choice Program for single families;</li> <li>4. Active in LEED-National Capital Region; aiming for LEED certification of all new County gov't facilities.</li> </ol>	<ol style="list-style-type: none"> <li>1. Alternative fuel vehicle fleet includes 25 CNG buses and 103 E85 flexfuel vehicles, plus all diesel used is B20 biodiesel (20% soybean oil).</li> <li>2. Fleet includes 49 hybrids; no gasoline-only small sedans have been added to fleet since 2002.</li> </ol>	<ol style="list-style-type: none"> <li>1. Participate in activities of VEPGA for aggregate purchasing with Dominion Virginia Power.</li> </ol>

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<i>Bowie</i>		<ol style="list-style-type: none"> <li>1. Parks and Ground building as well as Streets and Utility building</li> </ol>	<ol style="list-style-type: none"> <li>1. City has Green Building Policy;</li> <li>2. City is building LEEDS Certified Parks and Ground Building with green roof technology;</li> <li>3. Considering tradeable renewable certificates;</li> <li>4. Conducted energy audit on City Hall - new lights and room motion detectors</li> </ol>	<ol style="list-style-type: none"> <li>1. Plans to purchasing three hybrid vehicles in FY 2006</li> </ol>	<ol style="list-style-type: none"> <li>1. Municipal - Participate with BRCPC \$125,000 saved over 3 years</li> <li>2. <i>Consumer - No authority in State of Maryland)</i></li> </ol>
<i>College Park</i>					
<i>District of Columbia</i>	<ol style="list-style-type: none"> <li>1. ENERGY STAR Partner – Building Energy Codes, ENERGY STAR products and rebate program</li> </ol>	<ol style="list-style-type: none"> <li>1. Developing RPS; Regulations</li> <li>2. Renewable Energy Demonstration Project;</li> <li>3. Have RPS legislation</li> <li>4. 5% green power purchase</li> <li>5. Street lights and traffic signals powered by a % of green power</li> </ol>	<ol style="list-style-type: none"> <li>1. Parks and Recreation has a LEED building policy</li> <li>2. LEED legislation for all new construction for DC government</li> <li>3. City is constructing 3 LEED recreation centers and 2 LEED DC government buildings</li> </ol>	<ol style="list-style-type: none"> <li>4. Alternative Fuel Vehicle Policy in place, includes CNG and E-85 vehicles in city's fleet;</li> <li>5. Has multifaceted CNG and E-85 station;</li> <li>6. Efforts underway to install 3 CNG Flex car demonstration with hybrid electric vehicles in partnership with COG</li> </ol>	<ol style="list-style-type: none"> <li>1. DC Municipal Aggregation Program (MAP) - purpose is to secure an electricity rate that is below that of the Standard Offer Service (SOS) for DC Government, WASA, the District's universities and colleges, and hospitals</li> </ol>
<i>Fairfax</i>					

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<i>Fairfax County</i>	1. ENERGY STAR Partner	1. Wind Energy Purchase - 5% of all electricity	1. LEED certifications	1. Bus Diesel Retrofit Project (County Schools): Diesel oxidation catalyst on all buses; 436 buses retrofitted with ECM; Ultra low-sulfur diesel introduced on a site-by-site basis 2. Hybrid purchases - 50 Prius and 25 Escapes; 3. 19 Fairfax Connector Vehicles - 47% hybrid and 89% in 5 years goal	1. Virginia Municipal League negotiations with Dominion Virginia Power.
<i>Falls Church</i>					
<i>Frederick County</i>					
<i>Gaithersburg</i>					
<i>Greenbelt</i>			1. City is remodeling their Public Works building with energy efficient products	1. City has CNG refueling site and CNG Vehicles	
<i>Loudoun County</i>	1. ENERGY STAR Partner A. Energy Star Products B. EZ Save Software for computer monitors.	1. Implements voluntary measures on OZONE action days. 2. Uses Solar Powered Flashing Signals for School Zones. 3. Solar Powered Security Lt. @ commuter lot stop.	1. Active Energy Conservation Programs Via-Energy Managers in Schools & Government. 2. LEED Certified Engineer for County Government on staff.	1. Purchases and utilizes Hybrid vehicles. LCPS has 15 Ford Hybrid Escapes and 5 Toyota Prius. 10 Hybrids used by Loudoun Gov. 2. Utilizes low sulfur fuel technologies. 3. Provides commuter bus service to DC.	1. VEPGA-Virginia Energy Purchasing Gov. Assoc. 2. Utilizes group purchase of Natural Gas w/ other COG members.

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<i>Manassas</i>					
<i>Manassas Park</i>					
<i>Montgomery County</i>	<ol style="list-style-type: none"> <li>1. ENERGY STAR Partner – currently purchasing ENERGY STAR computers and office equipment.</li> <li>2. Implemented “Monitor Management” on County government computers.</li> <li>3. “Financing Energy Projects” workshop held April 15, 2005.</li> </ol>	<ol style="list-style-type: none"> <li>1. Purchasing an amount equal to 5% electricity use in wind energy, in the form of Renewable Energy Certificates (REC).</li> <li>2. Leader of regional wind energy purchase for six county agencies, eleven municipalities and Prince George’s County government. Annual purchase amount is 38.4 thousand MWh per year.</li> <li>3. Received Green Power Partner of the Year Award from EPA/DOE.</li> <li>4. Participant in state regulatory process for implementing Renewable Portfolio Standard.</li> <li>5. “Clean Energy Rewards” program will provide rebates to residential and business purchasers of renewable energy beginning in 2006.</li> </ol>	<ol style="list-style-type: none"> <li>1. Interagency Green Buildings Technical Committee created in 2005.</li> <li>2. Public Schools have active green building program, two pilot project school buildings, LEED certified professional on staff, and High Performance Building Plan.</li> </ol>	<ol style="list-style-type: none"> <li>1. Fast-fill compressed natural gas (CNG) fueling station with capacity to fuel up to 200 buses. First CNG fast-fill fueling site in the nation that is modular and entirely above ground. Compared to conventional underground CNG stations, this fast-fill design took less time and was less expensive to construct, and has lower maintenance costs. Cost-saving features include peak power shaving.</li> <li>2. 57 CNG buses, and plans to add an additional 45 CNG buses over the next 18 months</li> </ol>	<ol style="list-style-type: none"> <li>1. Leader of regional electricity buying group, representing five county agencies, eleven municipalities and Prince George’s County government. Savings approach \$7 million to date.</li> <li>2. State legislation prohibits Municipal Aggregation in Maryland.</li> </ol>
<i>Prince George’s County</i>					
<i>Prince William County</i>					

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<i>Rockville</i>					
<i>Takoma Park</i>		1. Wind Energy Purchasing for government buildings			