

**COG Climate, Energy and Environment Policy Committee**  
**Replicable Climate/Energy Program Survey**

Topic	Projects	Contact
<b>ENERGY</b>		
<b>ENERGY EFFICIENCY</b>		
<ul style="list-style-type: none"> <li>• <b>Government operations</b>  <i>Energy planning/policy for Government operations</i></li> </ul>	<p><b>Frederick County – County Government Energy Plan</b></p> <p><b>Virginia State Government–</b> Governor’s Executive Orders on Energy Efficiency and Greening of State Government</p> <p><b>Greenbelt –</b> Sustainability Goals incorporated in the City budget goals setting process</p> <p><b>USDOE-</b> Implementation of DOE Order 430.2B (8 core measures to reduce energy use, increase energy-efficiency in DOE buildings, develop RE generation, and clean vehicles. Timeline for implementation: 2010 or 2015)</p> <p><b>Arlington County – Comprehensive Energy Management program in County Facilities and Buildings,</b> Public Disclosure of Energy Data</p> <p><b>Loudoun County Public Schools – Comprehensive Energy Management Program</b> (energy use monitoring, audits, retrofits, Energy Star program, energy education)</p>	<p>Hilari Varnadore, Director, Office of Environmental Sustainability, <a href="mailto:HVarnadore@fredco-md.net">HVarnadore@fredco-md.net</a> 301-600-7414</p> <p>Kanathur Srikanth – Regional Transp. and AQ Planning – <a href="mailto:anathur.Srikanth@VDOT.Virginia.gov">anathur.Srikanth@VDOT.Virginia.gov</a> 703-383-2228  Stephen Walz - <a href="mailto:Stephen.Walz@governor.virginia.gov">Stephen.Walz@governor.virginia.gov</a></p> <p>Luisa Robles, Recycling Coordinator, <a href="mailto:lrobles@greenbeltmd.gov">lrobles@greenbeltmd.gov</a> or 301-474-8004</p> <p>Matthew Gray, <a href="mailto:Matthew.gray@ee.doe.gov">Matthew.gray@ee.doe.gov</a> 202-586-0067</p> <p>John Morrill, Energy Manager - <a href="mailto:jmorrill@arlingtonva.us">jmorrill@arlingtonva.us</a></p> <p>John Lord - <a href="mailto:john.lord@loudoun.k12.va.us">john.lord@loudoun.k12.va.us</a>  Mike Barancewicz – <a href="mailto:Michael.barancewiz@loudoun.k12.va.us">Michael.barancewiz@loudoun.k12.va.us</a></p>
<i>Energy management in public facilities and buildings</i>		

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<i>Energy Audits in public facilities</i>	<b>Loudoun County</b> – Energy Audits on County’s Facilities	Najib Salehi, Energy Manager, <a href="mailto:najib.salehi@loudoun.gov">najib.salehi@loudoun.gov</a> Diane O’Grady, County Admin. <a href="mailto:diane.ogrady@loudoun.gov">diane.ogrady@loudoun.gov</a>
<i>Green Buildings policy for public buildings</i>	<b>Federal Government</b> – LEED policies and plans in Federal Departments  <b>Greenbelt</b> – New Public Works facility including green features (geothermal energy, natural lighting and auto-sensing light switches)	Matthew Gray, <a href="mailto:Matthew.gray@ee.doe.gov">Matthew.gray@ee.doe.gov</a> 202-586-0067  Luisa Robles, Recycling Coordinator, <a href="mailto:lrobles@greenbeltmd.gov">lrobles@greenbeltmd.gov</a> or 301-474-8004
<i>Energy improvements in public buildings and facilities</i>	<b>Fairfax County</b> – Building and IT energy improvements	Susan Hafeli, Utility Analyst 703-324-5903, <a href="mailto:susan.hafeli@fairfaxcounty.gov">susan.hafeli@fairfaxcounty.gov</a>
<i>Peak demand management</i>	<b>GMU</b> – Peak demand limiting program (new stream of revenue from utilities for customers that commits to cut power usage during summer)	Pat Buchanan, Energy Manager, <a href="mailto:Pbuchan2@gmu.edu">Pbuchan2@gmu.edu</a> , 703-993-2657
<i>Energy Efficient Street Lighting Programs</i>	<b>MD DOT/SHA</b> - Conversion of Traffic Signals and Flashers to LED (75% energy reduction, complete conversion by 2015)  <b>Rockville</b> - LED Retrofit Project	Bob Snyder - Office of Traffic Operations, <a href="mailto:BSnyder@SHA.state.md.us">BSnyder@SHA.state.md.us</a> , 410-787-7631  Mark Charles, Environmental Management Chief, <a href="mailto:mcharles@rockvillemd.gov">mcharles@rockvillemd.gov</a> , (240) 314-8871
<i>Recycling, reuse and composting</i>	<b>Fairfax County</b> – Landfill gas capture and utilization  <b>Bowie</b> – Mulching Mower Rebate Program, Single-stream Recycling Program, Clean Stream Teams.	Susan Hafeli, Utility Analyst, <a href="mailto:susan.hafeli@fairfaxcounty.gov">susan.hafeli@fairfaxcounty.gov</a> , 703-324-5903  Joseph M. Meinert, Director of Planning and Economic Development, <a href="mailto:jmeinert@cityofbowie.org">jmeinert@cityofbowie.org</a> , 301-809-3047,

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<p><i>Energy-efficient procurement</i></p> <p><i>“Greening the Office” Certification</i></p> <p>• <b>Community-wide</b></p> <p><i>Community Sustainability Planning</i></p> <p><b>Community Energy Planning</b></p> <p><b>Green Building Policies (municipal, residential and commercial buildings)</b></p> <p><b>Energy efficiency programs</b></p>	<p><b>MD DOT/ SHA</b> - Reduction in idling of on and off-road vehicles and equipment as a Construction Performance Requirement.</p> <p><b>Washington Gas</b> - Sustainable Business Network of Washington (SB NOW) Accreditation, awarding implementation of environmentally-friendly practices in Wash. Gas office buildings</p> <p><b>Alexandria</b>- Eco-City Alexandria, Eco-City Charter, Environmental Action Plan (20 years)</p> <p><b>Loudoun County</b> - <b>Community-wide Energy Plan</b></p> <p><b>Arlington County</b>- Green Building Density Incentive Program</p> <p><b>Gaithersburg</b>- <b>Green Building Policy</b></p> <p><b>Rockville</b>- <b>Green Building Policy</b></p> <p><b>DC</b> – Green Building Act of 2006 (Energy Star <b>benchmarking requirements, LEED certification, building energy code updates</b>) + Guide to Green: Building publication</p> <p><b>City of Alexandria</b> - <b>Green Building Policy</b>: all new development meet LEED Silver (non-residential) or LEED certified (for residential 4+).</p>	<p>Mark J. Flack, Director, Office of Construction <a href="mailto:MFlack@SHA.state.md.us">MFlack@SHA.state.md.us</a>, 443-572-5222</p> <p>Melissa Adams, Division Head, Sustainability and Business Development, <a href="mailto:MelissaAdams@washgas.com">MelissaAdams@washgas.com</a> 202-624-6410</p> <p>William Skrabak, Director, Office of Environmental Quality, <a href="mailto:William.skrabak@alexandriava.gov">William.skrabak@alexandriava.gov</a></p> <p>Najib Salehi, Energy Manager, <a href="mailto:najib.salehi@loudoun.gov">najib.salehi@loudoun.gov</a> Diane O’Grady, County Admin. <a href="mailto:diane.ogrady@loudoun.gov">diane.ogrady@loudoun.gov</a></p> <p>Joan Kelsch, <a href="mailto:jkelsch@arlingtonva.us">jkelsch@arlingtonva.us</a>, 703-228-3599</p> <p>Erica Shingara, Environmental Services Director, <a href="mailto:eshingara@gaithersburgmd.gov">eshingara@gaithersburgmd.gov</a></p> <p>Mark Charles, Environmental Management Chief, <a href="mailto:mcharles@rockvillemd.gov">mcharles@rockvillemd.gov</a>, (240) 314-8871</p> <p>Stella Tarnay, DDOE <a href="mailto:stella.tarnay@dc.gov">stella.tarnay@dc.gov</a>, (202) 535-2460 Kara Reeve, OP <a href="mailto:kara.reeve@dc.gov">kara.reeve@dc.gov</a>, (202) 442-7631</p> <p>Faroll Hamer, Director Planning and Zoning Department, 703-746-4065, <a href="mailto:faroll.hamer@alexandriava.gov">faroll.hamer@alexandriava.gov</a></p>

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<i>Energy-efficiency / specific users</i>	<p><b>DC-</b> Weatherization grants, free energy audits, support for green roofs (subsidy), solar installation rebates, free Appliance Replacement with Energy Star appliances</p> <p><b>MEA-</b> Farm Energy Technical Assistance and Incentives</p>	<p>Brendan Shane, Director, Office of Policy and Sustainability, DDOE <a href="mailto:brendan.shane@dc.gov">brendan.shane@dc.gov</a> (202) 535-2612            Dan Barry, DDOE <a href="mailto:daniel.barry@dc.gov">daniel.barry@dc.gov</a> (202) 442-7626            Emil King, DDOE <a href="mailto:emil.king@dc.gov">emil.king@dc.gov</a> (202) 478-1393</p> <p>Joe Cohen, <a href="mailto:jcohen@energy.state.md.us">jcohen@energy.state.md.us</a>, (410) 260-7751</p>
<b>RENEWABLE ENERGY</b>	<p><b>Montgomery County- Clean Energy Award</b> (financial incentives to encourage customers switch to green power)</p> <p><b>DC - Government Purchase</b> of 50% renewable power</p> <p><b>MEA</b> – Residential Renewable Energy Grants (wind, solar, geothermal)</p> <p><b>DC</b> – Renewable Portfolio Standard to reach 20% renewable energy by 2020</p>	<p>Susan Kirby, Program Coordinator, <a href="mailto:Susan.Kirby@montgomerycountymd.gov">Susan.Kirby@montgomerycountymd.gov</a>, 240-777-7753</p> <p>Brendan Shane, Director, Office of Policy and Sustainability, DDOE <a href="mailto:brendan.shane@dc.gov">brendan.shane@dc.gov</a> (202) 535-2612</p> <p>Joe Cohen, <a href="mailto:jcohen@energy.state.md.us">jcohen@energy.state.md.us</a>, (410) 260-7751</p> <p>Brendan Shane, Director, Office of Policy and Sustainability, DDOE <a href="mailto:brendan.shane@dc.gov">brendan.shane@dc.gov</a> (202) 535-2612            DRES – District Dept of Real Estate Services</p>
<b>TRANSPORTATION AND LAND USE</b>		
<b>FUEL EFFICIENCY/ CLEAN VEHICLES</b>	<p><b>MDOT/ MTA – Hybrid Buses Purchase</b> (350 already purchased + 80-100 buses per year in the next 5 yrs) + GHG reduction assessment methodology</p> <p><b>Greenbelt</b> – Goals to develop the purchase of alternative-fueled vehicles in city fleet (10% of alternative-fueled vehicles by 2012)</p>	<p>John Newton, Manager MTA, <a href="mailto:JNewtin@MTAMaryland.gov">JNewtin@MTAMaryland.gov</a> - 410-767-3769</p> <p>Luisa Robles, Recycling Coordinator, <a href="mailto:lrobles@greenbeltmd.gov">lrobles@greenbeltmd.gov</a> or 301-474-8004</p>

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	<p><b>DC-</b> Fleet Management Program (fleet size reduction, <b>shift to alternative fuels</b>, DC Fleet Share Program- modeled after Zipcar program)</p> <p><b>City of Alexandria</b> - <b>Green Fleet Policy</b>, hybrid vehicles and transit buses.</p>	<p>Austina Casey, DDOT, <a href="mailto:austina.casey@dc.gov">austina.casey@dc.gov</a> (202) 671-0494  Jim Sebastian, DDOT, <a href="mailto:jim.sebastian@dc.gov">jim.sebastian@dc.gov</a> (202) 671-2331</p> <p>William Skrabak, Director, Office of Environmental Quality,  <a href="mailto:William.skrabak@alexandriava.gov">William.skrabak@alexandriava.gov</a></p>
<p><b>VMT REDUCTION</b></p> <p><b>Alternative transportation</b></p> <p><b>Transit Development</b></p>	<p><b>DC-</b> 1) <b>Smart Bike Program</b> (bike sharing)  2) <b>Pedestrian and Bicycle Infrastructure Expansion</b> (Bike/ Ped. Trail network, bike racks, Confident City Cycling Classes with WABA, Bicycle Transit Center at Union Station)  3) “goDCgo.com” travel information website that encourages alternative transportation and transit</p> <p><b>DC-</b> 1) Implementation of the Circulator express bus lines to reduce car use within the city’s business center / 2) “Where is my bus?” program (mobile technology for bus travel scheduling)</p>	<p>Austina Casey, DDOT, <a href="mailto:austina.casey@dc.gov">austina.casey@dc.gov</a> (202) 671-0494  Jim Sebastian, DDOT, <a href="mailto:jim.sebastian@dc.gov">jim.sebastian@dc.gov</a> (202) 671-2331</p> <p>Austina Casey, DDOT, <a href="mailto:austina.casey@dc.gov">austina.casey@dc.gov</a> (202) 671-0494  Jim Sebastian, DDOT, <a href="mailto:jim.sebastian@dc.gov">jim.sebastian@dc.gov</a> (202) 671-2331</p>
<p><b>LAND USE</b></p> <p><i>Community Development</i></p> <p><b>Tree Canopy / Natural Resources</b></p>	<p><b>Virginia State Government</b> – Governor’s Executive Order on Sustainable Community Investment</p> <p><b>Greenbelt</b> – set up a goal to protect and maintain the tree canopy (incorporated into the budget goals setting process)</p> <p><b>Prince George’s County/ M-NC PPC</b> – Proposed revision of the Woodland Conservation Ordinance and <b>Green Infrastructure Masterplan</b>. Would set up woodland conservation threshold requirements for new developments and</p>	<p>Kanathur Srikanth – Regional Transp. and AQ Planning – <a href="mailto:anathur.Srikanth@VDOT.Virginia.gov">anathur.Srikanth@VDOT.Virginia.gov</a> 703-383-2228</p> <p>Luisa Robles, Recycling Coordinator, <a href="mailto:lrobles@greenbeltmd.gov">lrobles@greenbeltmd.gov</a> or 301-474-8004</p> <p>CJ Lammers, Supervisor, Environmental Planning. Tel: 301.952.3026 Email: <a href="mailto:CJ.Lammers@ppd.mncppc.org">CJ.Lammers@ppd.mncppc.org</a></p>

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<b>Sustainable Zoning</b>	redevelopments  <b>DC</b> - Zoning Code update (in process) to encourage sustainable development: green building standards, <b>TOD</b> , Low Impact Design, reduced use of Single-Occupant vehicles vs. alternative transp.	Stella Tarnay, DDOE <a href="mailto:stella.tarnay@dc.gov">stella.tarnay@dc.gov</a> , (202) 535-2460 Kara Reeve, OP <a href="mailto:kara.reeve@dc.gov">kara.reeve@dc.gov</a> ,(202) 442-7631
<b>ADAPTATION</b>		
<i>Adaptation Plans</i>  <b>Exchange of Best Practices</b>	<b>NVRC</b> - Climate Adaptation Planning along Northern Virginia seashores  <b>CCAP</b> - Urban Leaders Adaptation Initiative	Laura Grape, Senior Environmental Planner, 703- 642 0700  Josh Foster, 202-621-5667; <a href="mailto:jfoster@ccap.org">jfoster@ccap.org</a>
<b>FINANCING MECHANISMS</b>		
<i>Energy Performance Contracting</i>  <b>Energy Revolving Loan Program</b>	<b>Arlington County</b> - Justice Center retrofit  <b>Rockville</b> - City Hall retrofit  <b>George Mason University</b> – Lighting and energy system upgrades  <b>MEA</b> - State Agency Loan Program (zero interest loans provided to State agencies for energy efficiency improvements)  <b>Montgomery County</b> - <b>Home Energy Loan Program</b>	John Morrill, Energy Manager - <a href="mailto:jmorrill@arlingtonva.us">jmorrill@arlingtonva.us</a>  Mark Charles, Environmental Management Chief, <a href="mailto:mcharles@rockvillemd.gov">mcharles@rockvillemd.gov</a> , (240) 314-8871  Pat Buchanan, Energy Manager, <a href="mailto:Pbuchan2@gmu.edu">Pbuchan2@gmu.edu</a> , 703-993-2657  Jesse Fulton, <a href="mailto:jfulton@energy.state.md.us">jfulton@energy.state.md.us</a> , 410-260-7184  Stan Edwards, <a href="mailto:stan.edwards@montgomerycountymd.gov">stan.edwards@montgomerycountymd.gov</a> 240-777-7748

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<i>Sustainable Energy Financing</i>	<b>DC</b> – Clean and Affordable Energy Act of 2007 – established the Sustainable Energy Utility to promote and administer energy programs / created the Sustainable Energy Trust Fund (\$15 million per yr)	Brendan Shane, Director, Office of Policy and Sustainability, DDOE <a href="mailto:brendan.shane@dc.gov">brendan.shane@dc.gov</a> (202) 535-2612
<b>OUTREACH AND EDUCATION</b>		
<p><i>Government Employees involvement</i></p> <p><i>Community/ citizens involvement</i></p> <p><i>Business involvement / reward programs</i></p>	<p><b>Loudoun County</b> - Energy Conservation Cabinet</p> <p><b>Frederick County</b> – Citizen-based Sustainability Commission</p> <p><b>Arlington County</b> - AIRE Champions Business Recognition Program</p> <p><b>Montgomery County</b> - Green Business Certification Program (under development)</p>	<p>Najib Salehi, Energy Manager, <a href="mailto:najib.salehi@loudoun.gov">najib.salehi@loudoun.gov</a> Diane O’Grady, County Admin. <a href="mailto:diane.ogrady@loudoun.gov">diane.ogrady@loudoun.gov</a></p> <p>Hilari Varnadore, Director, Office of Environmental Sustainability, <a href="mailto:Hvarnadore@fredco-md.net">Hvarnadore@fredco-md.net</a> 301-600-7414</p> <p>Adam Segel-Moss, <a href="mailto:asegel-moss@arlingtonva.us">asegel-moss@arlingtonva.us</a> , 703-228-3066</p> <p>Stan Edwards, <a href="mailto:stan.edwards@montgomerycountymd.gov">stan.edwards@montgomerycountymd.gov</a> 240-777-7748</p>