

**COMMONWEALTH OF VIRGINIA
STATE AIR POLLUTION CONTROL BOARD**

**OZONE ADVANCE ACTION PLAN
RICHMOND-PETERSBURG, VIRGINIA**

Appendix D: Annual Reporting Format

Appendix D: Richmond-Petersburg Ozone Advance Action Plan Annual Report

Control Program	Stakeholders	Time Frame	Milestones	Feedback & Comments
Metropolitan Planning Organizations				
64 Express	VPA, RAMPO, HRTTO	On going	<ul style="list-style-type: none"> • TEUs transported annually 	
RideFinders	Ridefinders, RAMPO	On going	<ul style="list-style-type: none"> • VMT avoided annually • Vehicle trips avoided annually 	
Virginia Commonwealth University				
Solar Energy	VCU	On going	Program ongoing?	
Dashboard	VCU	On going	Program ongoing?	
Sustainable Building Program	VCU	2013-2015	<ul style="list-style-type: none"> • Program ongoing? • Further facilities planned? 	
Wind Turbine Study	VCU	2013-2015	<ul style="list-style-type: none"> • Study complete? • Findings published? • More turbines installed? 	
Micro-Grid	VCU, Dominion	On going	<ul style="list-style-type: none"> • Equipment installed? • Data gathering efforts? • Findings published? • Energy savings annually? 	
DMME-Division of Energy				
VEMP	DMME	On going	<ul style="list-style-type: none"> • SF of public buildings retrofitted? • Private capital deployed? • Energy savings? 	
Energize Virginia	DMME	2011-2016	<ul style="list-style-type: none"> • Funds awarded? • Programs to be implemented? 	
Residential Retrofit Program	DMME, RREA, LEAP	2013	<ul style="list-style-type: none"> • # of homes evaluated • Energy savings? 	
United States Army Base - Fort Lee				
Low NO _x Burner Requirements	Fort Lee	On going	<ul style="list-style-type: none"> • Program ongoing? 	
Sustainable Building Practices	Fort Lee	On going	<ul style="list-style-type: none"> • Program ongoing? • New certifications? 	
Renewable Energy	Fort Lee	On going	<ul style="list-style-type: none"> • Program ongoing? • New installations? 	

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Transportation and Mobile Emissions	Fort Lee	On going	<ul style="list-style-type: none"> • TMP drafted? • Hybrids purchased? • NEVs purchased? • Fuel saved? • Other metrics? 	
<i>Dominion Virginia Power</i>				
Energy Conservation Programs	Dominion	On going	Program ongoing?	
Generating unit retrofits and fuel switches	Dominion	2012-2016	<ul style="list-style-type: none"> • Retrofits installed? • Units where fuels have been successfully changed? 	
Solar Partnership Program	Dominion	2013-2018	<ul style="list-style-type: none"> • Program ongoing? • MW owned/installed? 	
Renewable Generation Tariffs	Dominion	Currently pending approval	<ul style="list-style-type: none"> • Program approval received? 	
Alternative Vehicles and Fuels Program	Dominion	Ongoing	<ul style="list-style-type: none"> • % of fleet powered by alternative fuels? 	
<i>Virginia Clean Cities</i>				
Luck Stone	VCC, Luck Stone	Completed in 2012	<ul style="list-style-type: none"> • Repowered/retrofitted equipment in use? • Problems reported? 	
Virginia Get Ready	VCC	On going	<ul style="list-style-type: none"> • Program ongoing? 	
Propane Autogas Program	VCC	On going	<ul style="list-style-type: none"> • Program ongoing? 	
<i>Honeywell Permitting/NO_x Reductions</i>				
Honeywell SCR Installation	VDEQ	12/2012 through 06/2019	<ul style="list-style-type: none"> • # of SCR installed? • Annual emissions of NO_x? 	
<i>Virginia Department of Environmental Quality – Ozone Forecasting</i>				
Ozone Forecasting	VDEQ	Ongoing	Program funded?	
<i>Regional Reductions</i>				
Invista Powerhouse Project	VDEQ	2013-2014	<ul style="list-style-type: none"> • Construction begun? • New units operational? • Coal units retired? 	

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Celco Powerhouse Project	VDEQ	2015	<ul style="list-style-type: none"> • Construction begun? • New units operational? • Coal units retired? 	
Dominion-Bremo Power Station Conversion to Natural Gas	Dominion	2013-2014	<ul style="list-style-type: none"> • Permit received? • Construction commenced? • Coal pile removed? 	
<i>Other</i>				