# **ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) Survey of MWCOG member jurisdictions - May 2010**

**Overview of Projects Planned** 

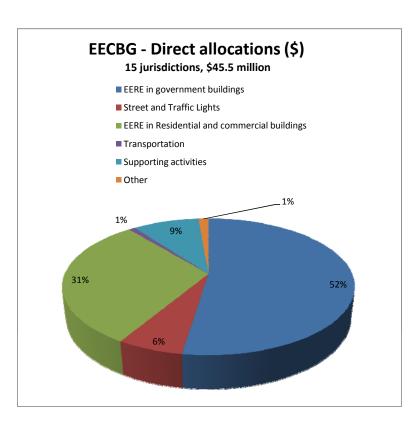
	District of Columbia	Arlington County	Frederick County	Fairfax County	Montgom County	Prince George County	Loudoun County	Prince William County	City of Alexandria	Bowie	College Park	Rockville	City of Frederick	Gaithers- burg	City of Manassas	Total
Section 1 Energy efficiency/ renewable energy in government	nent buildings															
1.1 energy audits			X	Х	X	Х		Х	X					Х	Х	8
1.2 energy upgrades and retrofits	Х	Х	X	Х		Х		Х	X	Х	X	Х		Х		11
1.3 Renewable energy		Х	Х			Х	Х	Х	X	Х						7
1.4 Other				Х												1
Total 1																0
Section 2 Lighting																
2.1 Street Lighting	Х	Χ				Х	Х	Χ	X			Х	Χ		Χ	9
2.2 Traffic lights									Х				Χ			2
2.3 Other	Х			Х			Х						Х		Х	5
Total 2																0
Section 3 Energy efficiency/ renewable energy in Resident	tial / commerc	ial buildings														
3.1 Energy audits (eg: rebates)	Х		Х	Х		Х				Х					Х	6
3.2 Residential Energy retrofits (eg: loan programs)	Х				X	Х	Х		X							5
3.3 Commercial/ multifamily retrofits					X	Х					X					3
3.4 Other							Х									1
Total 3																0
Section 4 Transportation																
4.1 Clean vehicles				Х					X							2
4.2 Other				Х												1
Total 4																0
•																
Section 5 Supporting activities																
5.1 GHG inventories (government operations/ comm	munity)		X	Χ			Х			-						3
5.2 Energy/ climate planning and strategy design			Χ		Х	Χ	Х			Χ						5
5.3 Energy and Climate program administration	Х						Х									2
5.4 Outreach campaigns		Х	X		X		Х		X							5
Total 4						_						_		_		0
Section 6 Other																
6.1							Х		X	Χ						3
Total 6																
TOTAL																

# **ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (jurisdictions eligible for direct allocations)**

List of projects submitted to DOE

## **SUMMARY**

			Funding
Section 1			
1.1	energy audits	\$	3,619,725.00
1.2	energy upgrades and retrofits	\$	15,347,405.00
1.3	Renewable energy	\$	2,106,576.00
1.4	Other (eg: EE in IT : servers, PCs)	\$	2,797,600.00
Total 1	EERE in government buildings	\$	23,871,306.00
		•	
Section 2			
2.1	Street Lighting	\$	2,143,856.00
2.2	Traffic lights	\$	109,552.00
2.3	Other (eg: walkway lights)	\$	561,000.00
	Street and Traffic Lights	\$	2,814,408.00
Section 3			
3.1	Energy audits (eg: rebate program, free audits)	\$	1,873,983.00
3.2	Residential Energy retrofits (eg: loan or grant programs)	\$	4,217,280.00
	Commercial/ multifamily retrofits	\$	3,164,300.00
3.4	Other	\$	4,632,347.00
Total 3	EERE in Residential and commercial buildings	\$	13,887,910.00
	-		
Section 4			
4.1	Clean vehicles	\$	231,800.00
4.2	Other (eg: telework)	\$	150,000.00
Total 4	Transportation	\$	381,800.00
	·		
Section 5			
5.1	GHG inventories (government operations/ community)	\$	502,728.00
5.2	Energy/ climate planning and strategy design	\$	1,115,600.00
5.3	Energy and Climate program administration	\$	1,152,562.00
5.4	Outreach campaigns	\$	1,221,769.00
Total 4	Supporting activities	\$	3,992,659.00
Section 6			
6.1	eg: Workforce development programs	\$	598,863.00
Total 6	Other	\$	598,863.00
TOTAL		\$	45,546,946.00
		\$	45,546,946.00



Comments: 1) Includes only those activities which are funded through the
Energy Efficiency and Conservation Block Grants (EECBG)
2) Includes on those jurisdictions that received direct allocations

List of projects submitted to DOE

#### **District of Columbia**

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in		,	2000.p		
	1.1 energy audits	government bundings				
	1.2 energy upgrades and retrofits	Fire Stations, public libraries, recreations centers	energy efficiency improvements	HVAC systems; energy efficient light fixtures and motion sensors; window systems and exterior passage doors, and other upgrades	\$ 4,407,498.00	Subgrant not awarded pending NEPA approval
1	1.3 Renewable energy					
	1.4 Other					
Total 1					\$ 4,407,498.00	
	•		L.	•	L	
Section 2	Lighting					
2	2.1 Street Lighting	Alley ways	District Department of Transportation	Replacement of approximately 600 alley lights across the city with LED bulbs (estimated reductions 30 to 90 percent compared with HPS lights).	\$ 1,000,000.00	Subgrant not awarded pending NEPA approval
	2.2 Traffic lights 2.3 Other	Not Applicable	District Department of Transportation	Conduct a study to analyze and document the benefits of LED conversion on light pollution reduction.	\$ 100,000.00	Subgrant not awarded
Total 2	1				\$ 1,100,000.00	
Section 3	Energy efficiency/ renewable energy in	Residential / commercial bu	ıildings			
5	3.1 Energy audits (eg: rebates)	Homes, Condo/coop, non profits, small business	Home Energy Rating System - Grant program	Up to 3,000 homes, 16 condos, 13 non-profit audits, 143 small business will be audited	\$ 1,341,500.00	
ş	3.2 Residential Energy retrofits (eg: loan pr	Condo/coop, non-profits, small businesses	Condo/Coop Energy Efficiency Retrofits - Grant program	Retrofits per conducted audits; up to \$30,000 grants available for condo/coop projects, \$30,000 grants available for non-profits, \$6,500 grants for small businesses	\$ 1,788,500.00	Pending NEPA approval
	3.3 Commercial/ multifamily retrofits					
	3.4 Other					
	5.4 Other				ć 2.120.000.00	
Total 3		L	I		\$ 3,130,000.00	
Section 4	Transportation					
	Transportation 1.1 Clean vehicles					
	1.2 Other					
Total 4			<b> </b>		\$ -	
otul 7	1	I	I.	<u> </u>	<u> </u>	
Section 5	Supporting activities					
	5.1 GHG inventories (government operation	ons/ community)				
	5.2 Energy/ climate planning and strategy		1			
	5.3 Energy and Climate program administr.		All	Program monitoring, oversight, and management	\$ 956,002.00	
	5.4 Outreach campaigns	ation				
	out carricampaigns	<del> </del>	<del> </del>		\$ 956,002.00	
Total 4		L	I		\$ 956,002.00	
ostion C	Othor					
Section 6	Other	Net Applicable	AU.			
	5.1 Administration	Not Applicable	All		ć	
Total 6	1	I	I .	l	\$ -	
TOTAL					\$ 9,593,500.00	

List of projects submitted to DOE

# Arlington County, VA

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings		115,555		7 33.113.11.15	
1.1	energy audits					
				Eff. upgrades to		
				equipment and		
				whole-building		
			Energy Efficiency	retrocommissionin		
4.3		Multiple	Improvements in	g based on audits	£ 605 400 00	1
1.2	energy upgrades and retrofits	locations	County Facilities	and bldg needs. +/- 50 kW	\$ 685,100.00	planning
				+/- 50 kw photovoltaic		
		Central Library	Solar on County	installation on flat		
1 2	Renewable energy	(likely loc.)	Building(s)	roof	\$ 500,000.00	Soliciting bids
	Other	(likely loc.)	Bullullig(S)	1001	\$ 500,000.00	Soliciting blus
Total 1	Other				\$ 1,185,100.00	
roturi		l			\$ 1,105,100.00	
Section 2	Lighting					
				Retrofit of lamps		
			LED Streetlights in	and whole fixtures		Identified a vendor,
		Multiple	One or More	with LED		beginning
	Street Lighting	locations	Corridors	technology	\$ 500,000.00	installations soon
2.2	Traffic lights					
2.3	Other					
Total 2					\$ 500,000.00	
	Energy efficiency/ renewable energy in Residential / commercial buil	dings				
	Energy audits (eg: rebates)					
	Residential Energy retrofits (eg: loan programs)					
	Commercial/ multifamily retrofits					
	Other				¢ -	
Total 3					\$ -	
Section 4	Transportation					
	Clean vehicles					
	Other					
Total 4	Other				\$ -	
rotur r		l	l	<u>l</u>	7	<u> </u>
Section 5	Supporting activities					
	GHG inventories (government operations/ community)					
	Energy/ climate planning and strategy design					
	Energy and Climate program administration					
				Deploy new		
				campaigns and		
				opportunities for		
			Improve energy	residential,		
		_	efficiency in the	commercial energy		
	Outreach campaigns	County-wide	private sector	activity & improve.	\$ 400,000.00	planning
Total 5					\$ 400,000.00	
Continu	Othor					
Section 6 6.1	Other					
Total 6					\$ -	
ι υται σ		l	l	<u> </u>	· -	I
TOTAL				<u></u>	\$ 2,085,100.00	
TOTAL					₹ Z,005,100.00	

List of projects submitted to DOE

#### Frederick County, MD

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings	Location	Troject	Description	Tunung	Status
	30, 3 3 3 7, 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3					
		Frederick	Energy	17 assessments		Walk-throughs
		County - county	Management	of county		completed;
1.1	energy audits	bldgs	Assessments	buildings	\$ 38,250.00	awaiting reports
	9,	Frederick	Energy	Ĭ.		Will begin
		County- county	efficiency	lighting and		implementing in
1.2	energy upgrades and retrofits	bldgs	upgrades	HVAC	\$ 111,750.00	May.
		Frederick				Starting Design
		County - Adult				phase, expect to
		Detention		solar water pre-		bid documents
1.3	Renewable energy	Center		heating project	\$ 225,000.00	in May.
	Other			0, .,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Total 1					\$ 375,000.00	
70107 1					\$ 373,000.00	1
Section 2	Lighting					
	Street Lighting					
	Traffic lights					
	Other					<b> </b>
Total 2	other				\$ -	
rotur z					7	1
Section 3	Energy efficiency/ renewable energy in Residential / commercial build	lings				
Jeetion J	energy emolency, renewable energy in nestachilary commercial band	85		Part of Overall		Under
		residential		Green Home		development;
		energy audits		Challenge		hope to launch
2.1	Energy audits (eg: rebates)	(200 free audits)		Program	\$ 24,000.00	in fall.
	Residential Energy retrofits (eg: loan programs)	(200 free addits)		Program	\$ 24,000.00	III Idii.
	Commercial/ multifamily retrofits					
	Other					
	Other				ć 24.000.00	
Total 3					\$ 24,000.00	
	!			•		
	Transportation					
Section 4	Transportation Clean vehicles					
Section 4 4.1	Clean vehicles					
Section 4 4.1 4.2	Clean vehicles				\$ -	
Section 4 4.1	Clean vehicles				\$ -	
Section 4 4.1 4.2 Total 4	Clean vehicles Other				\$ -	
Section 4 4.1 4.2 Total 4	Clean vehicles				\$ -	
Section 4 4.1 4.2 Total 4	Clean vehicles Other	Frederick			\$ -	
Section 4 4.1 4.2 Total 4	Clean vehicles Other				\$ -	
Section 4 4.1 4.2 Total 4	Clean vehicles Other	County			\$ -	Will complete in
Section 4 4.1 4.2 Total 4 Section 5	Clean vehicles Other  Supporting activities	County government and				
Section 4 4.1 4.2 Total 4 Section 5	Clean vehicles Other	County			\$ -	May.
Section 4 4.1 4.2 Total 4 Section 5	Clean vehicles Other  Supporting activities	County government and		Program		May. Have hired
Section 4 4.1 4.2 Total 4 Section 5	Clean vehicles Other  Supporting activities	County government and	Green Building	Program		May. Have hired Program
Section 4 4.1 4.2 Total 4 Section 5	Clean vehicles Other  Supporting activities	County government and community	Green Building	manager		May. Have hired Program Coordinator;
Section 4 4.1 4.2 Total 4 Section 5	Clean vehicles Other  Supporting activities	County government and community Frederick	and	manager position + other		May. Have hired Program Coordinator; begun
Section 4	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)	County government and community Frederick County	and Comprehensive	manager position + other related	\$ 5,200.00	May.  Have hired Program Coordinator; begun implementing
Section 4	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design	County government and community Frederick	and	manager position + other		Have hired Program Coordinator; begun
Section 4	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)	County government and community Frederick County	and Comprehensive	manager position + other related	\$ 5,200.00	May.  Have hired Program Coordinator; begun implementing
Section 4	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design	County government and community Frederick County	and Comprehensive	manager position + other related expenses	\$ 5,200.00	May.  Have hired Program Coordinator; begun implementing
Section 4	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design	County government and community Frederick County	and Comprehensive	manager position + other related expenses Starting green	\$ 5,200.00	May.  Have hired Program Coordinator; begun implementing
Section 4	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design	County government and community  Frederick County community	and Comprehensive	manager position + other related expenses  Starting green bldg and energy	\$ 5,200.00	May.  Have hired Program Coordinator; begun implementing
Section 4	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design	County government and community  Frederick County community  Frederick	and Comprehensive	manager position + other related expenses  Starting green bldg and energy program	\$ 5,200.00	May.  Have hired Program Coordinator; begun implementing programs
Section 4	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design	County government and community  Frederick County community  Frederick County Community	and Comprehensive Energy program	manager position + other related expenses  Starting green bldg and energy program through	\$ 5,200.00	May. Have hired Program Coordinator; begun implementing programs  Have begun
Section 4 4.1 4.2 Total 4  Section 5  5.1  5.2 5.3	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design  Energy and Climate program administration	County government and community  Frederick County community  Frederick County Office of Environmental	and Comprehensive Energy program  Public education	manager position + other related expenses  Starting green bldg and energy program through sustainability	\$ 5,200.00	May. Have hired Program Coordinator; begun implementing programs  Have begun implementing
Section 4 4.1 4.2 Total 4 Section 5 5.1 5.2 5.3	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design	County government and community  Frederick County community  Frederick County Community	and Comprehensive Energy program	manager position + other related expenses  Starting green bldg and energy program through	\$ 5,200.00 \$ 237,600.00 \$ 18,000.00	May. Have hired Program Coordinator; begun implementing programs  Have begun
Section 4 4.1 4.2 Total 4  Section 5  5.1  5.2 5.3	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design  Energy and Climate program administration	County government and community  Frederick County community  Frederick County Office of Environmental	and Comprehensive Energy program  Public education	manager position + other related expenses  Starting green bldg and energy program through sustainability	\$ 5,200.00	May. Have hired Program Coordinator; begun implementing programs  Have begun implementing
Section 4 4.1 4.2 Total 4 Section 5 5.1 5.2 5.3 Total 5	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design Energy and Climate program administration  Outreach campaigns	County government and community  Frederick County community  Frederick County Office of Environmental	and Comprehensive Energy program  Public education	manager position + other related expenses  Starting green bldg and energy program through sustainability	\$ 5,200.00 \$ 237,600.00 \$ 18,000.00	May. Have hired Program Coordinator; begun implementing programs  Have begun implementing
Section 4 4.1 4.2 Total 4 Section 5 5.1 5.2 5.3 Section 6	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design Energy and Climate program administration  Outreach campaigns	County government and community  Frederick County community  Frederick County Office of Environmental	and Comprehensive Energy program  Public education	manager position + other related expenses  Starting green bldg and energy program through sustainability	\$ 5,200.00 \$ 237,600.00 \$ 18,000.00	May. Have hired Program Coordinator; begun implementing programs  Have begun implementing
5.1  5.2  5.3  5.4  Total 5  Section 6  6.1	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design Energy and Climate program administration  Outreach campaigns	County government and community  Frederick County community  Frederick County Office of Environmental	and Comprehensive Energy program  Public education	manager position + other related expenses  Starting green bldg and energy program through sustainability	\$ 5,200.00 \$ 237,600.00 \$ 18,000.00 \$ 260,800.00	May. Have hired Program Coordinator; begun implementing programs  Have begun implementing
Section 4 4.1 4.2 Total 4 Section 5 5.1 5.2 5.3 Section 6	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design Energy and Climate program administration  Outreach campaigns	County government and community  Frederick County community  Frederick County Office of Environmental	and Comprehensive Energy program  Public education	manager position + other related expenses  Starting green bldg and energy program through sustainability	\$ 5,200.00 \$ 237,600.00 \$ 18,000.00	May. Have hired Program Coordinator; begun implementing programs  Have begun implementing
5.1  5.2  5.3  5.4  Total 5  Section 6  6.1	Clean vehicles Other  Supporting activities  GHG inventories (government operations/ community)  Energy/ climate planning and strategy design Energy and Climate program administration  Outreach campaigns	County government and community  Frederick County community  Frederick County Office of Environmental	and Comprehensive Energy program  Public education	manager position + other related expenses  Starting green bldg and energy program through sustainability	\$ 5,200.00 \$ 237,600.00 \$ 18,000.00 \$ 260,800.00	May. Have hired Program Coordinator; begun implementing programs  Have begun implementing

Contact: Hilari Varnadore



List of projects submitted to DOE

#### Fairfax County, VA

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings					
				perform 10 energy		Recently received necessary DOE
				audits and		approval. Looking at
1.1	energy audits	Various county bldgs	Energy audits	retrocommission	\$ 518,672.00	internal scheduling.
	<u>.</u>	, ,	0,	HVAC replacement,		, and the second
				EMCS installations,		Recently received
				lighting upgrades,		necessary DOE
			Energy efficiency	lighting control systems,		approval. Looking at
	energy upgrades and retrofits	Various county bldgs	upgrades	windows etc.	\$ 5,521,000.00	internal scheduling.
1.3	Renewable energy					
				Server consolidation		
				(512 to 8) + PC power		
			reduce energy consumption from	management (3500 additional software		
1.4	Other : IT energy efficiency	Data center	server and PCs	licenses)	\$ 2,797,600.00	Awaiting DOE waiver.
Total 1	other I'll energy enterery	Data center	Server una r es	ncensesy	\$ 8,837,272.00	/waiting DOL waiver:
	ı			1	,,	1
Section 2	Lighting					
	Street Lighting					
2.2	Traffic lights					
				install pilot generating		
			piezzoelectric	system to power 160 county-owned		No action anticipated in
2.3	Other: walkway lights		generating pilot	walkwaylights	\$ 11,000.00	2010.
Total 2	Other: walkway lights		generating pilot	waikwayiigiits	\$ 11,000.00	2010.
					,	
	Energy efficiency/ renewable energy in Residential / commercial					
Section 3	buildings					
				energy conservation		Begun internal
2.1	Energy audits (eg: rebates)	county residents	energy outreach/ energy audits	outreach + energy audit rebate program	\$ 242,000.00	procurement procedures.
	Residential Energy retrofits (eg: loan programs)	county residents	energy audits	repate program	\$ 242,000.00	procedures.
	Commercial/ multifamily retrofits					
	Other					
Total 3					\$ 242,000.00	
Section 4	Transportation					
				Incremental cost for		
				one plug-in hybrid		
				school bus + one		Ordered the School Bus;
				hydraulic hybrid launch		Investigating vendors
4.1	Clean vehicles	County fleet	Hybrid vehicles	assist refuse truck	\$ 155,000.00	for refuse truck
				Purchase 1000		
				additional licenses to		
				support telework infra,		
				increase number of		Anticipate areas::
4.2	Other : telework initiative	Data center	encourage telework	potential concurrent users	\$ 150,000.00	Anticipate procuring additional license.
Total 4	other . telework initiative	Data Center	encourage telework	users	\$ 150,000.00	auditional literise.
	ı			1	, 303,000.00	1
Section 5	Supporting activities					
1			GHG inventory of the		l. —	Investigating consulting
	GHG inventories (government operations/ community)		community	technical assistance	\$ 247,528.00	help
	Energy/ climate planning and strategy design					
	Energy and Climate program administration Outreach campaigns					
Total 4	outreach campaigns				\$ 247,528.00	
101017	<u>I</u>	1	1	1	7 277,320.00	1
Section 6	Other					
6.1						
Total 6					\$ -	
					\$ 9.642.800.00	
TOTAL					\$ 9,642,800.00	

Contact: Susan Hafeli

List of projects submitted to DOE

#### Montgomery County, MD

	ery County, MD					
Cartlan A	F	Location	Project	Description	Funding	Status
1.1	Energy efficiency/ renewable energy in governments  County Building Energy-Efficiency Retrofits	Countywide	Retrofit	Energy-efficiency and cost-effective renewable energy retrofits to Montgomery County Department and Agency Facilities.	\$ 2,671,381.00	Under Development, RFP out for program support services
	energy upgrades and retrofits					
1.3	Renewable energy					
	Other				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
Total 1					\$ 2,671,381.00	
Section 2	Lighting					
	Street Lighting					
	Traffic lights					
2.3 Total 2	Other				\$ -	
TOTAL 2					\$ -	
Section 3	Energy efficiency/ renewable energy in Resi	dential / commer	cial buildings			
3.1	Energy audits (eg: rebates)					
3.2	Residential Energy retrofits (eg: loan progra	Countywide	Retrofit	1-HEIP: Loans financed over 15 years, repaid through the property tax bill, for residential energy-efficiency and renewable energy tertoffs. Program will require a Home Performance with ENERGY STAR qualifying audit. Renewable installations will require home to achieve prerequisite level of energy-efficiency or be cost-effective.	\$ 1,526,780.00	Legislation enacted, regulation transmitted to County Council
3.2	Residential Energy retrofits (eg: loan progra	Countywide	Retrofit	2- Opportunity housing EE: Mont.Co Housing Opportunity Commission will upgrade 45 to 50 "opportunity housing" town homes occupied by lower income families. These upgrades include an ENERGY STAR with Home Performance audit to help identify the most cost-effective retrofits.	\$ 515,000.00	Under development
3.3		Countywide	Retrofit	Provide competitive grants to small businesses and multi-family communities to facilitate energy-efficiency retrofits. Grants would cover 25% of the cost of a retrofit up to \$50,000 per recipient. Case-studies would be developed based on results for public education.	\$ 1,924,147.00	Under Development, RFP out for program support services
Total 3					\$ 3,965,927.00	
Saction 4	Transportation					
	Clean vehicles					
4.2	Other					
Total 4					\$ -	
Section 5	Supporting activities					
	GHG inventories (government operations/ community)					
5.2	Energy/ climate planning and strategy design	Countywide	Commercial and Multi-family Buildings Study	Comprehensive study to understand the energy performance of the commercial and multi-family sector. This study will support objectives outlined in the County's Climate Protection Plan encouraging that the County develop policies to achieve a 25% reduction in energy consumption by 2020. the County's surrent buildings stock, applicable benchmarking requirements for existing buildings, incentives or mandates which may be appropriate to achieve energy performance levels. Results would be used to recommend specific and targeted policies.	\$ 400,000.00	Under Development, RFP out for program support services
5.3	Energy and Climate program administration					
	Outreach campaigns	Countywide	Education	Provide a series of programs to facilitate the flow of effective information on energy-efficiency, renewable energy to encourage public adoption of carbon conscious behaviors. Some elements are under revision but the County is proposing several programs including. 1) A residential green guide to encourage residents to adopt sustainable behaviors and centralize information; and 2.) An Energy Community Leaders program to enhance the governments ability to push energy information and messages throughout a diverse range of County communities (e.g., residential, business, ethnic).		Under Development, RFP out for program support services
Total 4					\$ 689,769.00	
Section 6	Other					
6.1	Other	Countywide	Workforce Development	Develop several programs to enhance the quality and demand of workers necessary to ensure the successful retrofit and operation of buildings. The County currently will deploy at least two programs. Program 1 will provide a list of qualified trainings and providers which Montgomery County based businesses can receive a stipend to train employees under its existing Montgomery Business Works Program - Program 2. Will floxus on adopting a nationally recognized training program (e.g., Certified Energy Manager, Building Operator Certification) and customize it for delivery in the County for commercial and multi-flamily facility and property managers. The program will be delivered with local academic partners and incentives or stipends will be provided for participation by local individuals and firms.	\$ 306,823.00	Under Development
Total 6					\$ 306,823.00	
	·					
					\$ 7,633,900.00	

Contact: Eric Coffman: Office of Environmental Protection



List of projects submitted to DOE

Prince George County, MD

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings	Location	Floject	Description	runung	Status
				Also funds to		
				purchase		
			Energy Audit of town	outreach/education		Bid/Contract
1.1	energy audits	Edmonston	hall, roof replacement	materials	\$ 44,000.00	Negotiations
1.2	energy upgrades and retrofits	Harriet Hunter Senior Center	Replace windows		\$ 425,000.00	Bid/Contract Negotiations
1.2	energy upgrades and retronts	Sellior Celiter	Windmill for public		3 423,000.00	Bid/Contract
1.3	Renewable energy	Cheverly	works facility		\$ 35,000.00	Negotiations
			Provide Solar energy			
4.0		Several	panels to roofs of	0.1100	4 4 0 4 0 5 0 0 0 0	Bid/Contract
1.3	Renewable energy	Municipalities	municipality buildings	9 different locations	\$ 1,040,600.00	Negotiations Bid/Contract
1.3	Renewable energy	Several Bldgs	Cool Roofs		\$ 1,600,000.00	Negotiations
	Other				+ -//	
Total 1					\$ 3,144,600.00	
Section 2	Lighting					
2.1	Street Lighting	Berwyn Heights	Replace Street Lamps		\$ 7,900.00	
	Traffic lights	DCI WYII TIEIGIILS	ricpiace street tallips		\$ 7,500.00	
	Other					
Total 2					\$ 7,900.00	
Section 3	Energy efficiency/ renewable energy in Residential / commercial build	ings				
			Financial incentives to			
			residents and business			
			owners to susidize cost			Bid/Contract
3.1	Energy audits (eg: rebates)	Hyattsville	of retrofitting		\$ 206,000.00	Negotiations
				Assist low and		
				moderate income		
		Town of	Energy audits and	homeowners		Bid/Contract
3.2	Energy Retrofits	Brentwood	weatherization Energy audits and	rehabilitating homes Assist low income	\$ 300,000.00	Negotiations Bid/Contract
3.2	Energy Retrofits	District Heights	green retrofits	homeowners	\$ 250,000.00	Negotiations
3.2	Energy Netronia	District ricigits	greenretionts	Through	\$ 250,000.00	Negotiations
		Throughout		Redevelopment		Bid/Contract
3.3	Commercial/ multifamily retrofits	County	Retrofit Public Housing	Authority	\$ 2,508,200.00	Negotiations
				Also serve as		Bid/Contract
	Commercial/ multifamily retrofits	Capitol Heights	Retrofit Public Housing	education	\$ 114,500.00	Negotiations
	Other				¢ 2 270 700 00	
Total 3		l	<del> </del>	ļ	\$ 3,378,700.00	
Section 4	Transportation					
4.1	Clean vehicles					
	Other					
Total 4					\$ -	
Cooking F	Composting activities					
Section 5	Supporting activities GHG inventories (government operations/ community)					
3.1	Site inventories (government operations) community)		Develop Energy			
5.2	Energy/ climate planning and strategy design		Strategy		\$ 98,000.00	
5.3	Energy and Climate program administration					
5.4	Outreach campaigns			-		
Total 4					\$ 98,000.00	
C+1	Other					
Section 6 6.1	Other					
Total 6		1			\$ -	
. Star o	<u>L</u>	l	1		7	
TOTAL					\$ 6,629,200.00	

Contact: Jeffrey Bond

List of projects submitted to DOE

## Loudoun County, VA

	I- 60	Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buil	ldings				
	energy audits					
1.2	energy upgrades and retrofits					Received DOE
1 2	Renewable energy	Leesburg	Solar + Geothermal	12 bed Youth Shelter	\$ 500,000.00	Approval
	Other	Leesburg	30iai + Geottieriliai	12 bed Toutil Shelter	\$ 300,000.00	Арргочаг
Total 1	Other				\$ 500,000.00	
roturi				<u> </u>	\$ 300,000.00	
Section 2	Lighting					
						Received DOE
2.1	Street Lighting	Purceville	LED Lights	21 Lights	\$ 40,000.00	Approval
	Traffic lights		_	_		
						Received DOE
2.3	Other	Hamilton	LED Lights	Parking-lot Lights	\$ 150,000.00	Approval
Total 2					\$ 190,000.00	
Section 3	EERE in Residential / commercial buildings					
3.1	Energy audits (eg: rebates)					
		ĺ		Part of Home Improvement		Received DOE
	Residential Energy retrofits (eg: loan programs)	Various Locations	Low & Middle Income	Projects	\$ 140,000.00	Approval
3.3	Commercial/ multifamily retrofits					
				Ensures code compliance with an		
				increased 5% efficiency gain over		
			Building standards and Energy	current code.		Received DOE
	Other	County-wide	Performance Labeling		\$ 200,000.00	Approval
Total 3					\$ 340,000.00	
Section 4	Transportation					
	Clean vehicles					
	Other					
Total 4	other				\$ -	
1014		1	I	l.	7	
Section 5	Supporting activities					
			County-wide energy and ghg	Developed 30-year plan to reduce		
5.1	GHG inventories (government operations/ community)		inventory	energy use and ghg county-wide	\$ 250,000.00	Completed
				Develop Integrated Energy		•
				Master Plan for Mixed-use Transit		
				Neighborhood - Moorefield		Received DOE
5.2	Energy/ climate planning and strategy design		Feasibility Study	station	\$ 300,000.00	Approval
						Received DOE
5.3	Energy and Climate program administration		Temporary position	Energy program manager	\$ 196,560.00	Approval
				Educate and promote efficient		
		1		building standards and practices		
		1		to the business sector. Provide		
		ĺ		outreach and education to		
		1	Business and residents	homeowners to promote home		Awaiting DOE
5.4	Outreach campaigns		outreach	efficiency measures	\$ 340,000.00	Approval
Total 4	. 5			,	\$ 1,086,560.00	
		•	•	•		
Section 6	Other					
6.1					\$ 99,040.00	
Total 6					\$ 99,040.00	
TOTAL					\$ 2.215.600.00	

List of projects submitted to DOE

# Prince William County, VA

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings					
				3 largest; highest		Hired an ESCO;
			Dvlp energy baseline and	energy use County		completed as
1.1	energy audits	Various	conduct audits	Bldgs	\$ 150,000.00	part of EECS
						Obtained grant
			Lighting, HVAC, duct work			approval from
			and submetering devices	Compete retrofits		DOE mid-April
1.2	energy upgrades and retrofits		for 3 bldgs	identified in audit	\$ 2,616,418.00	to begin
			Solar Photovoltaic	Installing 110 BP solar		
	Renewable energy	Various	Renewable Technologies	230 watt PV panels	\$ 453,742.00	
1.4	Other					
Total 1					\$ 3,220,160.00	
Section 2	Lighting					
						Obtained grant
				Partnering with		approval from
			Traffic Signal and LED	Dominion Virginia		DOE mid-April
	Street Lighting	Various	Street Lighting	Power	\$ 6,240.00	to begin
	Traffic lights					
2.3	Other					
Total 2					\$ 6,240.00	
	Energy efficiency/ renewable energy in Residential / commercial build	ings				
	Energy audits (eg: rebates)					
	Residential Energy retrofits (eg: loan programs)					
	Commercial/ multifamily retrofits					
	Other					
Total 3					\$ -	
	Transportation					
	Clean vehicles					
	Other					
Total 4					\$ -	
Section 5	Supporting activities					
	GHG inventories (government operations/ community)		T	1	1	,
	Energy/ climate planning and strategy design					
	Energy and Climate program administration					
	Outreach campaigns					
Total 4						
Section 6	Other					
6.1						
Total 6					\$ -	
TOTAL					\$ 3,226,400.00	

Contact: Matt Groff

List of projects submitted to DOE

## City of Alexandria, VA

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings			Description		3,3,1,0
				The City plans to perform Tier I, II, & III		
				energy audits of the top energy-		
		Various City	Energy Audit Program for City	consuming facilities owned and		
1.1	energy audits	Facilities	Buildings	operated by the City.	\$ 124,000.00	planning stage
	energy dudies		Energy Efficiency Retrofit	The City plans to install a green roof	Ç 12 1,000.00	pidrining stage
1.2	energy upgrades and retrofits	301 King Street	Program for City Building	on its City Hall.	\$ 184,000.00	planning stage
	5/1 - FO: 1-1-1 - 1-1-1 - 1-1-1		Installation of Renewable	The City plans to perform an analysis	7,	p.e8 e e e 8 e
			Energy Technology on a City	and install solar technology at one of		
13	Renewable energy	Unknown	Building	its facilities.	\$ 284,000.00	planning stage
	Other	O.I.I.I.OWII	Dunung	its identities.	\$ 201,000.00	pidrining stage
Total 1	Otte				\$ 592,000.00	
701071			<u>I</u>		\$ 332,000.00	
Section 2	Lighting					
Section 2	2.5					
		Braddock Metro		The City will retrofit ~35 streetlights		
		Station Area		with energy efficient, LED technology.		
		(streetlights) City-		The remaining funds will be used to		
			Street Light & Traffic Signal LED	o o		
2.1	Street Lighting	signals)	Lamp Conversion	technology.	\$ 212,000.00	planning stage
	Traffic lights	0-1010/	zzp zzniecision		+ 112,000.00	Figure 2 ruge
	Other					
Total 2	Other				\$ 212,000.00	
. 010. 2		1	1	<u> </u>	, L12,000.00	ıl
Section 3	EERE in Residential / commercial buildings					
	Energy audits (eg: rebates)					
5.1	Energy dudits (e.g. resuces)			Green Revolving Loan Program to		
				provide loans for energy retrofits or		
				the installation of other green		
2.2	Residential Energy retrofits (eg: loan programs)	City-wide		technologies.	\$ 212,000.00	
	Commercial/ multifamily retrofits	City-wide		teermologies.	3 212,000.00	
	Other					
Total 3	Ottlei				\$ 212,000.00	
Total 3					\$ 212,000.00	l
Section 4	Transportation					
occion 4	Transportation .			The City plans to use grant funds to		
				cover the incremental costs of		
4.1	Clean vehicles	City Fleet	Green Fleet Purchase Program	purchasing ~12 hybrid vehicles.	\$ 76,800.00	planning stage
	Other	City Heet	Green riceer di chase riogram	parenasing 12 hybrid vericles.	\$ 70,800.00	platiting stage
Total 4	other				\$ 76,800.00	
101014				I	7 70,000.00	
Section 5	Supporting activities					
	GHG inventories (government operations/ community)			completed in April 09- w/o eecbg funds		
	Energy/ climate planning and strategy design			done w/o eecbg funds	I	
	Energy and Climate program administration			w/o ccog iulius		
3.3	chergy and chillate program administration					
				The goal of the program is to reduce		Solicited
				energy and water consumption in		proposals;
				government and privately-owned		expect to award
			Energy Conservation Program	buildings and homes (via an education		contract by
5.4	Outreach campaigns	City-Wide	(Green Building Phase II)	and outreach program)	\$ 174,000.00	summer
Total 4					\$ 174,000.00	
Section 6	Other					
				Training program about 20 local		
				residents for jobs in energy		
				efficiency/conservation and		
6.1	Workforce development / training	City-Wide		weatherization fields.	\$ 106,000.00	<u> </u>
Total 6					\$ 106,000.00	
TOTAL					\$ 1,372,800.00	

Contact: Erica Bannerman, 703-746-4067

List of projects submitted to DOE

# Bowie, MD

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings					
1.1	energy audits					
		various city		HVAC, lighting, insulation,		Awaiting fina
1.2	energy upgrades and retrofits	facilities	Energy efficiency upgrades	envelope	\$ 168,166.00	DOE approva
	3, 10	City of Bowie	2 projects - solar panels at	·		
		Playhouse +	these facilities; also recapture			
		Genealogical	methane/ greenhouse gas	Purchase and install 76		Awaiting fina
13	Renewable energy	Library	emissions	210W solar panels	\$ 108,834.00	DOE approva
	Other	2.0.0.7	211115515115	21011 Solai palieis	ψ 100,05 H00	DOL applota
Total 1	onei				\$ 277,000.00	
otui 1		<u> </u>			\$ 277,000.00	
Continu 2	Lighting					
Section 2	Lighting					
	Street Lighting					
	Traffic lights					
	Other					
Total 2					\$ -	
				1		
Section 3	Energy efficiency/ renewable energy in Residential / commercial buil					
		Senior Citizen				Awaiting fina
	Energy audits (eg: rebates)	homes	Energy Audits		\$ 20,000.00	DOE approva
3.2	Residential Energy retrofits (eg: loan programs)					
3.3	Commercial/ multifamily retrofits					
3.4	Other					
Total 3					\$ 20,000.00	
		•				
Section 4	Transportation					
	Clean vehicles					
	Other					
Total 4					\$ -	
rotur 4		1	l.	I	7	
Section 5	Supporting activities					
	GHG inventories (government operations/ community)					
3.1	l liventones (government operations/ community)		Camprobansius anargu			Completed or
			Comprehensive energy			Completed ar submitted to
		l	efficiency strategy for city		± 00 000 00	
	Energy/ climate planning and strategy design	city government	operations	technical assistance	\$ 80,000.00	DOE
	Energy and Climate program administration					
	Outreach campaigns					
Total 4					\$ 80,000.00	
Section 6	Other					
·						
				Purchase of recycling		
		four sections of		containers (pilot project) +		Awaiting fina
6.1	Material conservation program	the City	Enhance recycling program	recycling trucks retrofits	\$ 87,000.00	DOE approva
Total 6	1 5	,			\$ 87,000.00	
		T.	1	1	,	1
OTAL					\$ 464,000.00	
					+ -10-1,000.00	

Contact: Jessie Buggs

List of projects submitted to DOE

City of College Park, MD

Contacts: Brenda Alexander and Regina Mitchell

		Location	Project	Description	Funding	4/30/2010 Status
Section 1	Energy efficiency/ renewable energy in government buildings					
1.1	energy audits					
		City of College				Selected design
		Park buildings -	Energy			firm, in process
		Admin &	efficiency			of awarding
1.2	energy upgrades and retrofits	Multipurpose	upgrades	HVAC	\$ 104,873.00	contract
1.3	Renewable energy					
	Other					
Total 1					\$ 104,873.00	
		*				
Section 2	Lighting					
2.1	Street Lighting					
2.2	Traffic lights					
2.3	Other					
Total 2					\$ -	
Section 3	Energy efficiency/ renewable energy in Residential / commercial bui	ldings				
3.1	Energy audits (eg: rebates)					
3.2	Residential Energy retrofits (eg: loan programs)					
		Providing				
		Energy Efficient				
		Refrigerators				Soliciting bids
		for HUD low-				from 3 vendors
3.3	Commercial/ multifamily retrofits	income housing			\$ 26,600.00	now
	Other					
Total 3					\$ 26,600.00	
						•
Section 4	Transportation					
4.1	Clean vehicles					
4.2	Other					
Total 4					\$ -	
						•
Section 5	Supporting activities					
5.1	GHG inventories (government operations/ community)					
	Energy/ climate planning and strategy design					
5.3	Energy and Climate program administration					
	Outreach campaigns					
Total 5					\$ -	
Section 6	Other					
6.1						
Total 6					\$ -	
	·	•				•
TOTAL					\$ 131,473.00	

List of projects submitted to DOE

# City of RockvilleMD

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings					
1.1	energy audits					
						Pump house
						went out to bid
						ready to award
						contract within
						the next month;
						Senior Center in
			Retrofit of			final design;
			Pump House			anticipate it will
			and Senior			go out to bid in
1 2	energy upgrades and retrofits	Rockville	Center		\$ 583,600.00	_
	Renewable energy	HOCKVIIIC	Center		\$ 303,000.00	July
	Other		<del> </del>			<b>†</b>
Total 1	Conci				\$ 583,600.00	
roturi		l .			\$ 383,000.00	
Section 2	Lighting					
						Plan to bid in
						May and install
			Approximately	Replace with		by the Fall of
2.1	Street Lighting	Rockville	100 street lights	LED	\$ 99,700.00	2010
2.2	Traffic lights					
2.3	Other					
Total 2					\$ 99,700.00	
	Energy efficiency/ renewable energy in Residential / commercial buil	dings				
	Energy audits (eg: rebates)					
	Residential Energy retrofits (eg: loan programs)					
3.3	Commercial/ multifamily retrofits					
3.4	Other					
Total 3					\$ -	
Section 4	Transportation					
	Clean vehicles					
	Other					
Total 4					\$ -	
Section 5	Supporting activities					
	GHG inventories (government operations/ community)					
	Energy/ climate planning and strategy design		1			1
	Energy and Climate program administration		1			1
	Outreach campaigns		1			1
Total 4	Outreach campaigns				\$ -	
. 010/ 4	ı	ı			1 F	1
Section 6	Other					
6.1						
Total 6					\$ -	
TOTAL					\$ 683,300.00	

Contact: Erica Shingara, 240-314-8872

List of projects submitted to DOE

# City of Frederick, MD

		Location	Project	Description		Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings						
1.1	energy audits						
1.2	energy upgrades and retrofits						
	Renewable energy						
1.4	Other						
Total 1					\$	_	
		· L					I
Section 2	Lighting						
							Some upgrades
2.1	Street Lighting	Throughout city			Ś	205,148.00	completed
					7		
			Replace existing				
2.2	Traffic lights	Throughout city			¢	109,552.00	
2.2	Trume lights	Till Oughout City	With LEDS		7	103,332.00	
			Retrofit lighting				
		Downtown	in 4 downtown				Project out for
2.2	Other	locations	parking decks		\$	300,000.00	bid
Total 2	Other	locations	parking decks		\$	614,700.00	biu
TOLUI Z		ļ			Ş	614,700.00	
Section 3	Energy efficiency/ renewable energy in Residential / commercial build	dings					
	Energy audits (eg: rebates)	alligs					
	Residential Energy retrofits (eg: loan programs)				<del>                                     </del>		
	Commercial/ multifamily retrofits				-		
	Other				_		
Total 3					\$	-	
c .: .	l <del>-</del>						
	Transportation						
	Clean vehicles				ļ		
	Other				ļ.,		
Total 4					\$	-	
							1
	Supporting activities						
	GHG inventories (government operations/ community)						
	Energy/ climate planning and strategy design						
	Energy and Climate program administration						
	Outreach campaigns						
Total 4					\$	-	
Section 6	Other						
6.1							
Total 6					\$	-	
TOTAL					\$	614,700.00	
	•						

Contact: Gerry Kolbfleifch

List of projects submitted to DOE

## GaithersburgMD

		Location	Project	Description	Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings					
						Hired
						independent
						consultant to
						conduct energy
						audits, which
			audited 12			have been
1 1	energy audits		facilities		\$ 38,000.00	completed.
				various types	7 00,000.00	
				including office		
				space,		
				recreation		
				centers, police,		5 1
4.3		throughout the	40 6	other mixed	£ 540,000,00	Developing a
	energy upgrades and retrofits	city	12 city facilities	use.	\$ 540,000.00	work scope
	Renewable energy					
	Other				4	
Total 1					\$ 578,000.00	
Section 2	Lighting					
	Street Lighting					
	Traffic lights					
	Other					
Total 2					\$ -	
		I			L *	
Section 3	Energy efficiency/ renewable energy in Residential / commercial buil	ldings				
	Energy audits (eg: rebates)	1				
	Residential Energy retrofits (eg: loan programs)					
	Commercial/ multifamily retrofits					
	Other					
Total 3	Other				\$ -	
roturs					7	
Section 4	Transportation					
	Clean vehicles					
	Other					
Total 4					\$ -	
rotur r		I.			ļ <del>V</del>	
Section 5	Supporting activities					
5.1	GHG inventories (government operations/ community)					
	Energy/ climate planning and strategy design					
	Energy and Climate program administration					
	Outreach campaigns					
Total 4	. 5				\$ -	
-						
Section 6						
6.1						
Total 6					\$ -	
TOTAL					\$ 578,000.00	
TOTAL					\$ 578,000.00	

Contact: Pete Geiling- (303) 258-6370; cell phone: 301-674-6145

List of projects submitted to DOE

## City of Manassas, VA

		Location	Project	Description		Funding	Status
Section 1	Energy efficiency/ renewable energy in government buildings	Location	Troject	Description		- ununing	Status
occuon 1	znergy emiliency, renewable energy in government bandings						
				Technical			
				evaluations to			
				identify Energy			
			Conduct energy	conservation			In the planning
1.1	energy audits	Throughout situ		Measures	Ś	35,422.00	phase
		Throughout city	audit of 25 bldgs	ivieasures	ş	35,422.00	pnase
	Renewable energy						
	Other						
Total 1					\$	35,422.00	
		1	1				
Section 2	Lighting						
							Gone out for
				Replace current			RPF for a
		Wellington	Replace 120	HPS street lights			portion of these
2.1	Street Lighting	Neighborhood	street lights	with LED lamps	\$	72,868.00	lights
2.2	Traffic lights						
1		Municipal		Replace existing			
		building lighting	Replace 300	T12 lighting			In the planning
23	Other	replacement	lights	w/T8 lighting	\$	10,627.00	phase
Total 2	Other	теріасеттеті	ligito	w/ ro ngriding	\$	83,495.00	pridac
rotur 2					Ą	83,433.00	
Section 3	Energy efficiency/ renewable energy in Residential / commercial build	ings					
Section 5	Energy eniciency/ renewable energy in Residential / commercial build	liigs					
			City will offer	Homeowners			
			100 free audits	can track either			
			to homwonwers	energy usage			
			who agree to	and allow utility			
			install HVAC and	to provide			
			water heater	demand control			
			load mgmnt	during peak			In the planning
3.1	Energy audits (eg: rebates)	homes	devices	periods.	\$	40,483.00	phase
3.2							
3.3	Commercial/ multifamily retrofits						
	Other						
Total 3	out.				Ś	40,483.00	
. Jear J		l	l		~	.0,403.00	
Section 4	Transportation						
4.1	Clean vehicles						
	Other						
Total 4	one	-	-		Ś		
TOTAL 4		l	l		٧		
Coction	Curporting activities	1	1				
Section 5	Supporting activities						
5.1	GHG inventories (government operations/ community)						
5.2	Energy/ climate planning and strategy design						
	Energy and Climate program administration						
	Outreach campaigns						
Total 4					\$	-	
Section 6	Other						
6.1							
Total 6					\$	-	
TOTAL					\$	159,400.00	

Contact: Mark LeRoy