

**Department of Energy and Environment
Clean and Affordable Energy Act of 2008
and
Renewable Energy Portfolio Standard Act of 2004
Quarterly Report
July 1, 2016 – September 30, 2016**

Table of Contents

INTRODUCTION.....	1
BACKGROUND	1
<u>SUSTAINABLE ENERGY TRUST FUND.....</u>	2
<u>ENERGY ASSISTANCE TRUST FUND.....</u>	2
<u>RENEWABLE ENERGY DEVELOPMENT FUND.....</u>	4

ATTACHMENTS

- Attachment 1 – SETF & EATF Revenue Collection
- Attachment 2 – SETF & EATF All Financial Activity
- Attachment 3 – SETF & EATF Administrative Budget and Expenditures
- Attachment 4 – SETF & EATF Expenditures by Month
- Attachment 5 – REDF Revenue Collection
- Attachment 6 – REDF All Financial Activity
- Attachment 7 – REDF Administrative Budget and Expenditures
- Attachment 8 – REDF Expenditures by Month

INTRODUCTION

The Department of Energy and Environment's (DOEE) Clean and Affordable Energy Act and Renewable Energy Portfolio Standard Act Quarterly Report to the Council of the District of Columbia covers the period from July 1, 2016 – September 30, 2016.

This report: 1) describes significant program status; 2) provides timelines and milestones to track the progress and success of each program; 3) offers highlights of ward specific data; and 4) presents the status of administrative and programmatic expenditures.

BACKGROUND

The Clean and Affordable Energy Act of 2008 (CAEA) effective October 22, 2008 (D.C. Law 17-250; D.C. Official Code § 8-1773.01 *et seq.*), established the Sustainable Energy Trust Fund (SETF) and the Energy Assistance Trust Fund (EATF), which are funded by assessments on the natural gas and electric companies. The SETF finances the District of Columbia Sustainable Energy Utility, and the EATF provides annual support for the Low-Income Home Energy Assistance Program.

Additionally, the Renewable Energy Portfolio Standard Act of 2004 (REPS) effective April 12, 2005 (D.C. Law 15-340; D.C. Official Code § 34-1431 *et seq.*), established the Renewable Energy Development Fund (REDF), which is funded by compliance fees paid by electricity suppliers under the District's Renewable Energy Portfolio for the purpose of funding eligible solar projects in the District.

Pursuant to sections 210(e) and 211(e) of the CAEA and section 8(f) of the REPS, DOEE is required to submit a quarterly report detailing EATF, SETF, and REDF expenditures and program performance.

Sustainable Energy Trust Fund

DOEE has contracted with Vermont Energy Investment Corporation to provide programs and initiatives as the District of Columbia Sustainable Energy Utility (DCSEU). The DCSEU implements programs in the District to reduce energy consumption, increase the number of green collar jobs in the District, stimulate the local economy through contract spending with District businesses, increase renewable energy generating capacity, and improve energy efficiency and increase the renewable energy generating capacity of low-income housing, shelters, clinics, or other buildings serving low-income residents. The DCSEU is funded by the SETF. DOEE is appropriated an amount equivalent to ten percent of the DCSEU contract value for administering the contract, and the financial attachments at the end of this report reflect this activity.

The DCSEU submits quarterly reports to DOEE, and DOEE files these reports with the Council on behalf of the DCSEU. These reports include programs funded by the SETF. Both reports can be found on DOEE's website.

Energy Assistance Trust Fund

Low-Income Home Energy Assistance Program

DOEE administers the Low Income Energy Assistance Program (LIHEAP), which assists low-income households in the District, particularly those with the lowest incomes that pay a high proportion of household income for home energy, primarily in meeting their immediate home heating and cooling needs. LIHEAP benefits are provided for households using electric, natural gas, or home heating oil. DOEE provides energy assistance benefit payments to income qualified

households by providing a direct credit, on behalf of the customer, to the respective utility company that provides service to the household.

LIHEAP is generally funded by three sources – US Department of Health and Human Services (US HHS), District General Funds, and the Energy Assistance Trust Fund (EATF), a special purpose revenue fund. DOEE applies for an annual formula grant from US HHS through a State Plan, which is submitted by September 1 each year.

Energy assistance benefits are determined through a benefit matrix that is approved by the US HHS. DOEE provides two types of benefits: Regular energy assistance benefits and emergency energy assistance benefits. The regular benefit is a one-time benefit the household may receive each year, and is calculated based on four factors: household size, total household income, heating source, and type of dwelling. Regular energy assistance benefits range from \$250 to \$1,500 and the average benefit payment per household is \$500-\$600. The emergency benefit is available to low-income District residents who have received a disconnection notice for electric or gas service, or are already disconnected. Households that are out of home heating oil are also eligible to receive an emergency benefit.

Program Accomplishments

The total number of LIHEAP benefits provided to District households this quarter from all funding sources, including EATF, was 9,826 (See Table 1).

Table 1: LIHEAP Benefit Payments by Ward

	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8	Total
Current Quarter	121	18	5	131	299	153	704	1,076	2,507
Cumulative Quarter	1,738	305	63	1621	3561	1858	5941	8733	23,820

Table 2: LIHEAP Benefit Payments Quarter 4 Timeline and Milestones

Milestone	Goal Date	Actual Date
Quarter 4: July 1, 2016 – September 30, 2016		
September 2016	September 2016	September 2016

Next Quarter's Projected Goals**Table 3: LIHEAP Benefit Payments Quarter 1 Timeline and Milestones**

Milestone	Goal Date	Actual Date
Quarter 1: October 1, 2016 – December 31, 2016		
Serve additional eligible District households	December 2016	

Renewable Energy Development Fund

On April 21, 2016, DOEE executed a modification to the DCSEU's contract, which included a one-time allocation of \$2,416,830.98 from the REDF, to be used solely for the purposes of implementing the Affordable Solar Program (ASP) and the Small Business Solar Pilot Program (SBSPP). DOEE approved the program design for each program, and then the DCSEU began implementing both programs.

Affordable Solar Program

ASP was designed to help low-income District residents increase the proportion of energy sourced from clean and renewable sources. ASP provided post-installation rebates to solar contractors to purchase and install solar photovoltaic (PV) panels on single-family homes owned or rented by income eligible District residents. ASP facilitated the

installation and interconnection of 158 solar PV systems on low-income single-family residences by September 30, 2016.

Small Business Solar Pilot Program

SBSPP was designed to provide technical and financial assistance (primarily through post-installation rebates) to help offset all or part of the cost of installing solar photovoltaic (PV) systems on eligible small businesses. The small businesses served were located east of the Anacostia River (Wards 7 or 8). DCSEU successfully implemented SBSPP and installed solar panels on the roofs of 13 small businesses by September 30, 2016.

The achievements of these programs are provided in the DCSEU's Annual Report, which is also filed with Council in the enclosed filing. DOEE administers the DCSEU contract and assigned staff to actively monitor the DCSEU's activities under both programs and provide guidance and assistance, as required; administrative funds from the REDF were used this quarter for this purpose.

ATTACHMENT 1
SETF EATF REVENUE COLLECTION
OCTOBER 1, 2015 - SEPTEMBER 30, 2016

Sustainable Energy Trust Fund (SETF)				Energy Assistance Trust Fund (EATF)			
Deposit Date	Source of Funds	Amount	Total Received to date	Deposit Date	Source of Funds	Amount	Total Received to date
11/19/2015	WASH GAS	166,136	166,136	11/19/2015	WASH GAS	60,586	60,586
11/20/2015	PEPCO	1,467,509	1,633,645	11/20/2015	PEPCO	59,295	119,881
12/18/2015	WASH GAS	261,652	1,895,297	12/18/2015	WASH GAS	95,364	215,245
12/21/2015	PEPCO	1,226,620	3,121,917	12/21/2015	PEPCO	49,627	264,872
1st Quarter subtotal		3,121,917		1st Quarter subtotal		264,872	
2/1/2016	WASH GAS	389,498	3,511,415	2/1/2016	WASH GAS	141,921	406,793
2/1/2016	PEPCO	1,169,838	4,681,253	2/1/2016	PEPCO	47,332	454,125
2/19/2016	WASH GAS	484,122	5,165,374	2/19/2016	WASH GAS	176,386	630,511
2/22/2016	PEPCO	1,390,866	6,556,240	2/22/2016	PEPCO	56,275	686,786
3/18/2016	WASH GAS	704,434	7,260,674	3/18/2016	WASH GAS	256,617	943,403
3/21/2016	PEPCO	1,352,885	8,613,559	3/21/2016	PEPCO	54,739	998,141
2nd Quarter subtotal		5,491,642		2nd Quarter subtotal		733,270	
5/1/2016	WASH GAS	531,528	9,145,087	5/1/2016	WASH GAS	193,703	1,191,845
5/1/2016	PEPCO	1,483,356	10,628,443	5/1/2016	PEPCO	60,019	1,251,863
5/19/2016	WASH GAS	355,621	10,984,064	5/19/2016	WASH GAS	129,586	1,381,450
5/20/2016	PEPCO	1,131,343	12,115,407	5/20/2016	PEPCO	45,773	1,427,223
6/17/2016	WASH GAS	255,643	12,371,050	6/17/2016	WASH GAS	93,170	1,520,393
6/20/2016	PEPCO	1,210,905	13,581,954	6/20/2016	PEPCO	48,995	1,569,389
3rd Quarter subtotal		4,968,396		3rd Quarter subtotal		571,247	
7/19/2016	WASH GAS	184,379	13,766,333	7/19/2016	WASH GAS	67,213	1,636,601
7/20/2016	PEPCO	1,387,363	15,153,696	7/20/2016	PEPCO	56,058	1,692,659
8/19/2016	WASH GAS	148,398	15,302,094	8/19/2016	WASH GAS	54,113	1,746,772
8/23/2016	PEPCO	1,475,417	16,777,511	8/23/2016	PEPCO	59,696	1,806,468
9/19/2016	WASH GAS	137,901	16,915,412	9/19/2016	WASH GAS	50,275	1,856,742
9/20/2016	PEPCO	1,829,259	18,744,671	9/20/2016	PEPCO	74,012	1,930,755
9/30/2016	WASH GAS	140,035	18,884,706	9/30/2016	WASH GAS	51,051	1,981,805
9/30/2016	PEPCO	1,576,325	20,461,031	9/30/2016	PEPCO	63,778	2,045,583
4th Quarter subtotal		6,879,076		4th Quarter subtotal		476,195	
Total through 4th Qtr:		20,461,031		Total through 4th Qtr:		2,045,583	

*Note: FY16 numbers are not final and may change until the District's CAFR is released.
accrued Revenue for the month of September.*

Data as of 11.15.16

**ATTACHMENT 2
SETF EATF ALL FINANCIAL ACTIVITY
AS OF 9/30/2016**

Agy Fund	Project No	Project Title	GAAP Category Title	Budget	Expenditures	Intra-District Advance	Purchase Order Balance	Requisition Balance	YTD Expenditures and Obligations	Available Balance
6700	ABOARD	SETF & EATF ADVISORY BOARD	NON-PERSONNEL SERVICES	26,000	0	0	0	0	0	26,000
	ABOARD			26,000	0	0	0	0	0	26,000
	ADMSEU	SEU CONTRACT ADMINISTRATION	PERSONNEL SERVICES	1,279,508	1,227,188	0	0	0	1,227,188	52,319
			NON-PERSONNEL SERVICES	712,992	359,734	0	0	0	359,734	353,258
	ADMSEU			1,992,500	1,586,923	0	0	0	1,586,923	405,577
	LIST16	LIHEAP BENEFITS - SETF	NON-PERSONNEL SERVICES	1,484,704	1,484,624	0	0	0	1,484,624	80
	LIST16			1,484,704	1,484,624	0	0	0	1,484,624	80
	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	7,500	0	0	0	0	0	7,500
	NOPROJ			7,500	0	0	0	0	0	7,500
	SEUCTR	SEU CONTRACT	NON-PERSONNEL SERVICES	19,052,813	18,877,476	0	0	0	18,877,476	175,337
	SEUCTR			19,052,813	18,877,476	0	0	0	18,877,476	175,337
	SEUEMV	SEU CONTRACT EM&V	PERSONNEL SERVICES	187,187	181,868	0	0	0	181,868	5,319
			NON-PERSONNEL SERVICES	760,000	744,941	0	0	0	744,941	15,059
	SEUEMV			947,187	926,809	0	0	0	926,809	20,378
	SEURVW	SEU INDEPENDENT REVIEW OF PERFORMANCE	NON-PERSONNEL SERVICES	100,000	28,368	0	0	0	28,368	71,633
	SEURVW			100,000	28,368	0	0	0	28,368	71,633
6700 SETF				23,610,704	22,904,200	0	0	0	22,904,200	706,504
6800	ADMEA9	EATF ADMINISTRATION	PERSONNEL SERVICES	159,890	133,140	0	0	0	133,140	26,750
			NON-PERSONNEL SERVICES	117,000	89,782	0	0	0	89,782	27,218
	ADMEA9			276,890	222,922	0	0	0	222,922	53,968
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	PERSONNEL SERVICES	403,497	380,496	0	0	0	380,496	23,001
			NON-PERSONNEL SERVICES	1,484,267	1,234,036	0	0	0	1,234,036	250,231
	LID109			1,887,764	1,614,531	0	0	0	1,614,531	273,232
	LID209	RAD EXPANSION	PERSONNEL SERVICES	96,910	65,813	0	0	0	65,813	31,097
			NON-PERSONNEL SERVICES	3,090	3,063	0	0	0	3,063	28
	LID209			100,000	68,875	0	0	0	68,875	31,125
	LIG109	RES EXPANSION	PERSONNEL SERVICES	30,346	28,819	0	0	0	28,819	1,527
	LIG109			30,346	28,819	0	0	0	28,819	1,527
	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	5,000	0	0	0	0	0	5,000
	NOPROJ			5,000	0	0	0	0	0	5,000
6800 EATF				2,300,000	1,935,148	0	0	0	1,935,148	364,852
Grand Total				25,910,704	24,839,348	0	0	0	24,839,348	1,071,356

Note: FY16 numbers are not final and may change until the District's CAFR is released.

Data as of 11.15.16

ATTACHMENT 3
SETF EATF Administrative Budget and Expenditures
4th Quarter - as of September 30, 2016

Fund	Project No	Project Title	PS/NPS Category	Budget	QUARTERLY ACTUAL EXPENDITURES				
					Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Total Year-to-Date Actual Expenditures
6700	ADMSEU	SEU CONTRACT ADMINISTRATION	PERSONNEL SERVICES	1,279,508	306,780	270,258	310,505	339,646	1,227,188
			NON-PERSONNEL SERVICES	45,000	3,281	-	3,859	32,344	39,484
	ADMSEU Total			1,324,508	310,061	270,258	314,364	371,990	1,266,673
	SEUEMV	SEU CONTRACT EM&V	PERSONNEL SERVICES	187,187	45,851	43,377	42,966	49,675	181,868
	SEUEMV Total			187,187	45,851	43,377	42,966	49,675	181,868
	(blank)	(blank)	PERSONNEL SERVICES	7,500	-	-	-	-	-
	(blank) Total			7,500	-	-	-	-	-
SETF Total				1,519,195	355,912	313,635	357,330	421,665	1,448,541
6800	ADMEA9	EATF ADMINISTRATION	PERSONNEL SERVICES	159,890	29,168	32,164	36,973	34,835	133,140
			NON-PERSONNEL SERVICES	15,000	180	8,864	2,767	3,158	14,970
	ADMEA9 Total			174,890	29,348	41,028	39,740	37,994	148,110
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	PERSONNEL SERVICES	403,497	90,036	87,939	97,883	104,638	380,496
	LID109 Total			403,497	90,036	87,939	97,883	104,638	380,496
	LID209	RAD EXPANSION	PERSONNEL SERVICES	96,910	6,756	13,573	13,966	31,517	65,813
			NON-PERSONNEL SERVICES	3,090	10	2,714	280	60	3,063
	LID209 Total			100,000	6,766	16,287	14,246	31,576	68,875
	LIG109	RES EXPANSION	PERSONNEL SERVICES	30,346	7,100	7,212	7,214	7,293	28,819
	LIG109 Total			30,346	7,100	7,212	7,214	7,293	28,819
	(blank)		PERSONNEL SERVICES	5,000	-	-	-	-	-
	(blank) Total			5,000	-	-	-	-	-
EATF Total				713,733	133,250	152,466	159,083	181,501	626,300
Grand Total				2,232,928	489,162	466,101	516,413	603,166	2,074,841

Note: FY16 numbers are not final and may change until the District's CAFR is released.

Data as of 11.15.16

ATTACHMENT 4
SETF EATF EXPENDITURES BY MONTH
4TH QUARTER- AS OF SEPTEMBER 30, 2016

				Actual Expenditures												Total Expenditure
Agency Fund	Project Number	Project Title	BUDGET	October	November	December	January	February	March	April	May	June	July	August	September	
6700	ABOARD	SETF & EATF ADVISORY BOARD	26,000	-												-
	ADMSEU	SEU CONTRACT ADMINISTRATION	1,992,500	104,534	87,094	134,967	69,542	119,244	102,886	106,666	122,210	129,396	122,790	183,995	303,599	1,586,923
	LIST16	LIHEAP BENEFITS - SETF	1,484,704					1,479,256	4,918		(2,010)	(1,674)		(561)	4,695	1,484,624
	SEUCTR	SEU CONTRACT	19,052,813	(800,000)		914,203	2,158,733	1,760,984	392,828	1,070,344	1,675,816	3,106,974	17,899	1,262,177	7,317,518	18,877,476
	SEUEMV	SEU CONTRACT EM&V	947,187	15,585	14,787	28,497	136,207	15,962	303,656	113,160	17,950	85,300	17,629	123,323	54,756	926,809
	SEURVW	SEU INDEPENDENT REVIEW OF PERFORMANCE	100,000									28,368	-		-	28,368
	(blank)	(blank)	7,500													-
6700 Total			23,610,704	(679,881)	101,881	1,077,666	2,364,482	3,375,446	804,287	1,290,170	1,813,966	3,348,364	158,318	1,568,934	7,680,568	22,904,200
6800	ADMEA9	EATF ADMINISTRATION	276,890	10,738	18,803	10,523	9,487	28,711	18,955	15,031	17,270	19,984	20,176	23,696	29,549	222,922
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	1,887,764	25,846	405,779	1,083,216	85,077	29,786	30,383	33,633	29,395	30,281	33,216	29,638	(201,718)	1,614,531
	LID209	RAD EXPANSION	100,000	(2,174)	4,181	4,758	4,606	7,017	4,663	4,635	4,997	4,615	4,630	4,801	22,145	68,875
	LIG109	RES EXPANSION	30,346	2,374	2,270	2,457	2,450	2,304	2,457	2,378	2,458	2,378	2,458	2,457	2,378	28,819
	(blank)	(blank)	5,000													-
6800 Total			2,300,000	36,783	431,034	1,100,954	101,620	67,819	56,458	55,678	54,119	57,257	60,480	60,592	(147,646)	1,935,148
Grand Total			25,910,704	(643,098)	532,914	2,178,620	2,466,102	3,443,264	860,745	1,345,847	1,868,084	3,405,621	218,798	1,629,526	7,532,923	24,839,348

Note: FY16 numbers are not final and may change until the District's CAFR is released.
*The negative expenditures in projects SEUCTR & LID209 are due to FY15 accrual reversals.

ATTACHMENT 5
REDF REVENUE COLLECTION
OCTOBER 1, 2015 - SEPTEMBER 30, 2016

Renewable Energy Development Fund (REDF)			
Deposit Date	Source of Funds	Amount	Total Received to date
3/25/2016		1,691,500	1,691,500
3/30/2016		839,000	2,530,500
2nd Quarter subtotal		2,530,500	
4/7/2016		15,538,500	18,069,000
4/12/2016		134,000	18,203,000
4/20/2016		65,500	18,268,500
4/21/2016		1,107,000	19,375,500
5/2/2016		8,000	19,383,500
5/20/2016		447,500	19,831,000
6/6/2016		29,000	19,860,000
3rd Quarter subtotal		17,329,500	
8/17/2016		9,999	9,999
9/30/2016		9,999	19,998
4th Quarter subtotal		19,998	
Total through 4th Qtr:		19,879,998	

Data as of 11.15.16

Note: FY16 numbers are not final and may change until the District's CAFR is released.

ATTACHMENT 6
REDF ALL FINANCIAL ACTIVITY
AS OF 9/30/2016

Agy Fund	Project No	Project Title	GAAP Category Title	Budget	Expenditures	Intra-District Advance	Purchase Order Balance	Requisition Balance	YTD Expenditures and Obligations	Available Balance
REDF (662)	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	457,892	264,564	-	-	-	264,564	193,328
			NON-PERSONNEL SERVICES	7,542,108	2,616,728	-	-	-	2,616,728	4,925,380
662 Total				8,000,000	2,881,292	-	-	-	2,881,292	5,118,708

Note: FY15 numbers are not final and may change until the District's CAFR is released.

Data as of 11.15.16

ATTACHMENT 7
REDF Administrative Budget and Expenditures
4th Quarter - as of September 30, 2016

					QUARTERLY ACTUAL EXPENDITURES				
Fund	Project No	Project Title	PS/NPS Category	Budget	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Total Year-to-Date Actual Expenditures
662	NA	NA	PERSONNEL SERVICES	457,892	68,893	44,622	75,015	76,033	264,564
	NA	NA	NON-PERSONNEL SERVICES	10,000	-	-	-	-	-
REDF Total				467,892	68,893	44,622	75,015	76,033	264,564

Note: FY16 numbers are not final and may change until the District's CAFR is released.

Data as of 11.15.16

ATTACHMENT 8
REDF EXPENDITURES BY MONTH
4TH QUARTER- AS OF SEPTEMBER 30, 2016

Agency Fund	Project Number	Project Title	BUDGET	Actual Expenditures												Total Expenditure
				October	November	December	January	February	March	April	May	June	July	August	September	
0662*	NA	NA	8,000,000	(675,611)	15,935	37,804	24,428	22,591	695,503	24,612	(3,295)	94,674	47,088	180,322	2,417,240	2,881,292
REDF Total			8,000,000	(675,611)	15,935	37,804	24,428	22,591	695,503	24,612	(3,295)	94,674	47,088	180,322	2,417,240	2,881,292

Note: FY16 numbers are not final and may change until the District's CAFR is released.

* For fund 0662, the negative expenditure represents accrual from prior fiscal year.

Data as of 11.15.16