

**Department of Energy and Environment**

**Clean and Affordable Energy Act of 2008**  
**and**  
**Renewable Energy Portfolio Standard Act of 2004**  
**Quarterly Report**

**April 1, 2017 – June 30, 2017**

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## **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 April 1, 2017 – June 30, 2017.

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 related programs, 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**

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 Background**

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 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 given to District households this quarter from all funding sources, including EATF, was 3,801 (See Table 1).

**Table 1: LIHEAP Benefit Payments by Ward**

	<b>Ward 1</b>	<b>Ward 2</b>	<b>Ward 3</b>	<b>Ward 4</b>	<b>Ward 5</b>	<b>Ward 6</b>	<b>Ward 7</b>	<b>Ward 8</b>	<b>Total</b>
<b>Current Quarter</b>	238	24	10	219	478	257	967	1,608	<b>3,801</b>
<b>Cumulative Quarter</b>	1,425	195	59	1,268	3,101	1,588	4,536	6,480	<b>18,652</b>

**Table 2: LIHEAP Benefit Payments Quarter 3 Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date</b>
<b>Quarter 3: April 1, 2017 – June 30, 2017</b>		
Serve additional eligible District households	June 2017	June 2017

**Next Quarter's Projected Goals****Table 3: LIHEAP Benefit Payments Quarter 4 Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date</b>
<b>Quarter 4: July 1, 2017 – September 31, 2017</b>		
Serve additional eligible District households	September 2017	

**Renewable Energy Development Fund**

As described in the Solar for All Implementation Plan, DOEE will implement Solar for All in five three-year phases to ensure the program is sufficiently flexible to adapt to market changes and overcome barriers. The initial implementation phase (FY 2017-FY 2019) will include the development of 30 to 60 MW of solar capacity, subject to funding availability. This phase will also focus on researching and developing the solutions necessary to complete large-scale projects in subsequent implementation phases. Much of this work is being done through strategic external and interagency partnerships and Solar for All Innovation and Expansion Grants described below.

**Solar for All Innovation and Expansion Grants**

In February 2017, DOEE announced two Requests for Applications (RFAs) for Solar for All Innovation and Expansion Grants. The RFA guidelines focused on research and development and sought to address four overarching program goals: (1) to expand solar energy in the District; (2) to provide benefits to low-income residents; (3) to develop solutions to program challenges;

and (4) to identify solutions DOEE can use to establish the most effective, predictable, and stable medium-term program. The RFA guidelines required projects to address at least one of the following five core barriers:

- Acquiring access to potential project sites by tailoring incentives to the respective project site owners/lessors
- Addressing competition for access to roof space due to conflicting incentives or requirements
- Acquiring low-income customers, educating eligible residents and building owners, and managing community solar subscriptions
- Providing solar power benefits to low-income residents who do not receive electric bills (e.g., master-metered building residents)
- Sharing the energy and other financial benefits (Solar Renewable Energy Credits (SRECs) and the Investment Tax Credit (ITC)) associated with the installation of new solar energy systems with low-income residents

The RFAs also encouraged project proposals to address additional barriers, which include:

- Incorporating electric or thermal storage for efficiency and/or resiliency;
- Combining solar installation with energy efficiency measures;
- Achieving net-zero energy through solar;
- Utilizing atypical spaces (e.g., road barriers, brownfields, or windows) for solar installations;
- Providing District residents with comprehensive solar job training while installing new solar systems;
- Incorporating technologies, such as smart inverters, to add value to the distribution grid; and
- Designing solar PV systems to reduce the distribution system's peak demand.

DOEE will provide an update on the application review and awarded grants for the Solar For All Innovation and Expansion Grants next quarter.

**Attachment 1 – SETF EATF Revenue Collection**  
**October 1, 2016 - June 30, 2017**

<b>Sustainable Energy Trust Fund (SETF)</b>				<b>Energy Assistance Trust Fund (EATF)</b>			
<b>Deposit Date</b>	<b>Source of Funds</b>	<b>Amount</b>	<b>Total Received to date</b>	<b>Deposit Date</b>	<b>Source of Funds</b>	<b>Amount</b>	<b>Total Received to date</b>
11/21/2016	WASH GAS	146,846	146,846	11/21/2016	WASH GAS	53,539	53,539
11/21/2016	PEPCO	1,344,662	1,491,508	11/21/2016	PEPCO	54,401	107,940
12/1/2016	PJM	136,041	1,627,549	12/19/2016	WASH GAS	83,059	190,999
12/19/2016	WASH GAS	227,888	1,855,438	12/20/2016	PEPCO	50,353	241,352
12/20/2016	PEPCO	1,244,506	3,099,944				
<b>1st Quarter subtotal</b>		<b>3,099,943.97</b>		<b>1st Quarter subtotal</b>		<b>241,351.89</b>	
1/19/17	WASH GAS	489,002	3,588,946	1/19/17	WASH GAS	156,200	397,552
1/20/17	PEPCO	1,363,327	4,952,273	1/20/17	PEPCO	51,325	448,877
1/26/17	PEPCO	170,556	5,122,829	-	-	-	448,877
2/17/17	WASH GAS	713,712	5,836,541	2/17/17	WASH GAS	241,877	690,755
2/21/17	PEPCO	1,467,472	7,304,013	2/21/17	PEPCO	55,212	745,966
3/17/17	WASH GAS	575,101	7,879,114	3/17/17	WASH GAS	194,919	940,886
3/20/17	PEPCO	1,410,633	9,289,747	3/20/17	PEPCO	53,141	994,027
<b>2nd Quarter subtotal</b>		<b>6,189,803</b>		<b>2nd Quarter subtotal</b>		<b>752,675</b>	
4/19/2017	WASH GAS	508,227	9,797,974	4/19/2017	WASH GAS	172,248	1,166,274
4/20/2017	PEPCO	1,350,935	11,148,909	4/20/2017	PEPCO	50,859	1,217,133
5/19/2017	WASH GAS	462,067	11,610,975	5/19/2017	WASH GAS	156,616	1,373,749
5/22/2017	PEPCO	1,211,189	12,822,164	5/22/2017	PEPCO	45,600	1,419,349
6/19/2017	WASH GAS	219,162	13,041,326	6/19/2017	WASH GAS	74,313	1,493,662
6/20/2017	PEPCO	1,413,945	14,455,271	6/20/2017	PEPCO	53,232	1,546,894
<b>3rd Quarter subtotal</b>		<b>5,165,524</b>		<b>3rd Quarter subtotal</b>		<b>552,868</b>	
<b>Total through 3rd Qtr:</b>		<b>14,455,271</b>		<b>Total through 3rd Qtr:</b>		<b>1,546,894</b>	

**Attachment 2 – SETF EATF All Financial Activity  
As of 03/31/2017**

<b>Agy Fund</b>	<b>Project No</b>	<b>Project Title</b>	<b>GAAP Category Title</b>	<b>Budget</b>	<b>Expenditures</b>	<b>Intra-District Advance</b>	<b>Purchase Order Balance</b>	<b>Requisition Balance</b>	<b>YTD Expenditures and Obligations</b>	<b>Available Balance</b>
6700	ABOARD	SETF & EATF ADVISORY BOARD	NON-PERSONNEL SERVICES	26,000	-	-	-	-	-	26,000
	<b>ABOARD Total</b>			<b>26,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,000</b>
	ADMSEU	SEU CONTRACT ADMINISTRATION	PERSONNEL SERVICES	1,072,356	571,421	-	-	-	571,421	500,935
			NON-PERSONNEL SERVICES	888,194	72,379	5,242	123,717	-	201,338	686,856
	<b>ADMSEU Total</b>			<b>1,960,551</b>	<b>643,801</b>	<b>5,242</b>	<b>123,717</b>	<b>-</b>	<b>772,760</b>	<b>1,187,791</b>
	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	-	(3)	-	-	-	(3)	3
			NON-PERSONNEL SERVICES	1,211,000	1,202,121	-	-	-	1,202,121	8,879
	<b>NOPROJ Total</b>			<b>1,211,000</b>	<b>1,202,118</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,202,118</b>	<b>8,882</b>
	SEUCTR	SEU CONTRACT	NON-PERSONNEL SERVICES	20,000,000	5,577,069	-	14,422,931	-	20,000,000	-
	<b>SEUCTR Total</b>			<b>20,000,000</b>	<b>5,577,069</b>	<b>-</b>	<b>14,422,931</b>	<b>-</b>	<b>20,000,000</b>	<b>-</b>
	SEUEMV	SEU CONTRACT EM&V	PERSONNEL SERVICES	-	-	-	-	-	-	-
			NON-PERSONNEL SERVICES	-	-	-	-	-	-	-
	<b>SEUEMV Total</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	SEURVW	SEU INDEPENDENT REVIEW OF PERFORMANCE	NON-PERSONNEL SERVICES	100,000	36,285	-	-	-	36,285	63,715
	<b>SEURVW Total</b>			<b>100,000</b>	<b>36,285</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>36,285</b>	<b>63,715</b>
<b>6700 Total</b>				<b>23,297,551</b>	<b>7,459,273</b>	<b>5,242</b>	<b>14,546,649</b>	<b>-</b>	<b>22,011,163</b>	<b>1,286,388</b>
6800	ADMEA9	EATF ADMINISTRATION	PERSONNEL SERVICES	180,424	122,700	-	-	-	122,700	57,723
			NON-PERSONNEL SERVICES	123,831	77,101	-	9,651	-	86,752	37,078
	<b>ADMEA9 Total</b>			<b>304,254</b>	<b>199,801</b>	<b>-</b>	<b>9,651</b>	<b>-</b>	<b>209,452</b>	<b>94,802</b>
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	PERSONNEL SERVICES	427,592	252,974	-	-	-	252,974	174,618
			NON-PERSONNEL SERVICES	1,446,169	1,386,605	-	-	-	1,386,605	59,565
	<b>LID109 Total</b>			<b>1,873,762</b>	<b>1,639,578</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,639,578</b>	<b>234,183</b>
	LID209	RAD EXPANSION	PERSONNEL SERVICES	99,854	59,285	-	-	-	59,285	40,569
			NON-PERSONNEL SERVICES	3,895	-	-	-	-	-	3,895
	<b>LID209 Total</b>			<b>103,749</b>	<b>59,285</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>59,285</b>	<b>44,464</b>
	LIG109	RES EXPANSION	PERSONNEL SERVICES	31,131	2,736	-	-	-	2,736	28,395
	<b>LIG109 Total</b>			<b>31,131</b>	<b>2,736</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,736</b>	<b>28,395</b>
<b>6800 Total</b>				<b>2,312,549</b>	<b>1,901,401</b>	<b>-</b>	<b>9,651</b>	<b>-</b>	<b>1,911,052</b>	<b>401,497</b>
<b>Grand Total</b>				<b>25,610,099</b>	<b>9,360,673</b>	<b>5,242</b>	<b>14,556,300</b>	<b>-</b>	<b>23,922,215</b>	<b>1,687,885</b>



**Attachment 3 – SETF EATF Administrative Budget and Expenditures  
As of June 30, 2017**

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	1,072,356	189,486	192,553	189,382		571,421
			NON-PERSONNEL SERVICES	38,500	3,913	405	5,402		9,721
	<b>ADMSEU Total</b>			<b>1,110,856</b>	<b>193,399</b>	<b>192,958</b>	<b>194,785</b>	<b>-</b>	<b>581,142</b>
	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	-	723	129	(854)		(3)
	<b>NOPROJ Total</b>			<b>-</b>	<b>723</b>	<b>129</b>	<b>(854)</b>	<b>-</b>	<b>(3)</b>
	SEUEMV	SEU CONTRACT EM&V	PERSONNEL SERVICES	-	765	0	(765)		-
	<b>SEUEMV Total</b>			<b>-</b>	<b>765</b>	<b>0</b>	<b>(765)</b>	<b>-</b>	<b>(0)</b>
<b>6700 Total</b>				<b>1,110,856</b>	<b>194,887</b>	<b>193,088</b>	<b>193,165</b>	<b>-</b>	<b>581,139</b>
6800	ADMEA9	EATF ADMINISTRATION	PERSONNEL SERVICES	180,424	35,013	42,664	45,023		122,700
			NON-PERSONNEL SERVICES	10,000	20	360	6,152		6,531
	<b>ADMEA9 Total</b>			<b>190,424</b>	<b>35,032</b>	<b>43,024</b>	<b>51,175</b>	<b>-</b>	<b>129,231</b>
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	PERSONNEL SERVICES	427,592	106,723	71,417	74,834		252,974
	<b>LID109 Total</b>			<b>427,592</b>	<b>106,723</b>	<b>71,417</b>	<b>74,834</b>	<b>-</b>	<b>252,974</b>
	LID209	RAD EXPANSION	PERSONNEL SERVICES	99,854	19,164	21,311	18,810		59,285
			NON-PERSONNEL SERVICES	3,895	-	-			-
	<b>LID209 Total</b>			<b>103,749</b>	<b>19,164</b>	<b>21,311</b>	<b>18,810</b>	<b>-</b>	<b>59,285</b>
	LIG109	RES EXPANSION	PERSONNEL SERVICES	31,131	1,085	945	705		2,736
	<b>LIG109 Total</b>			<b>31,131</b>	<b>1,085</b>	<b>945</b>	<b>705</b>	<b>-</b>	<b>2,736</b>
<b>6800 Total</b>				<b>752,896</b>	<b>162,005</b>	<b>136,697</b>	<b>145,524</b>	<b>-</b>	<b>444,226</b>
<b>Grand Total</b>				<b>1,863,752</b>	<b>356,892</b>	<b>329,784</b>	<b>338,689</b>	<b>-</b>	<b>1,025,366</b>

Attachment 4 – SETF EATF Expenditures by Month  
As of June 30, 2017

Agency Fund	Project Number	Project Title	BUDGET	Actual Expenditures									
				October	November	December	January	February	March	April	May	June	Total Expenditure
6700	ABOARD	SETF & EATF ADVISORY BOARD	26,000	-	-	-	-	-	-	-	-	-	-
	ADMSEU	SEU CONTRACT ADMINISTRATION	1,960,551	62,258	55,324	69,930	59,402	68,198	66,943	69,062	72,327	120,356	643,801
	NOPROJ	NO PROJECT INFORMATION	1,211,000	282	853,476	352,984	757	(28)			(30)	(5,322)	1,202,118
	SEUCTR	SEU CONTRACT	20,000,000	(845,651)	608,979	716,266	975,132	1,600,241	(7,738)	-	1,168,881	1,360,959	5,577,069
	SEUEMV	SEU CONTRACT EM&V	-	345	-	420	-	-			-	(765)	-
	SEURVW	SEU INDEPENDENT REVIEW OF PERFORMANCE	100,000	-	-	-	-	-	29,605	-	-	6,680	36,285
6700 Total			23,297,551	(782,766)	1,517,779	1,139,601	1,035,291	1,668,411	88,810	69,062	1,241,177	1,481,908	7,459,273
6800	ADMEA9	EATF ADMINISTRATION	304,254	12,900	25,312	27,810	20,030	25,561	13,798	19,459	35,222	19,708	199,801
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	1,873,762	33,379	32,967	581,567	833,850	25,263	27,283	25,140	22,319	57,810	1,639,578
	LID209	RAD EXPANSION	103,749	4,754	4,508	9,902	6,225	9,142	5,944	6,520	5,770	6,520	59,285
	LIG109	RES EXPANSION	31,131	783	(114)	417	541	332	72	192	(8)	521	2,736
6800 Total			2,312,896	51,816	62,672	619,696	860,647	60,299	47,096	51,311	63,304	84,560	1,901,401
Grand Total			25,610,446	(730,951)	1,580,452	1,759,297	1,895,938	1,728,709	135,906	120,373	1,304,481	1,566,467	9,360,673

\*The negative expenditures in projects SEUCTR & LIG109 are due to AY16 accrual reversals and accounting adjustments.

**Attachment 5 – REDF Revenue Collection**  
**October 1, 2016 - June 30, 2017**

<b>Renewable Energy Development Fund (REDF)</b>			
<b>Deposit Date</b>	<b>Source of Funds</b>	<b>Amount</b>	<b>Total Received to date</b>
11/10/2016		9,999	9,999
12/6/2016		9,999	19,998
<b>1st Quarter subtotal</b>		<b>19,998</b>	
1/6/17		9,999	29,996
2/17/17		19,997.66	49,994.15
3/24/17		1,512,498.83	1,562,492.98
3/28/17		10,734,000.00	12,296,492.98
3/29/17		27,500.00	12,323,992.98
3/30/17		1,336,500.00	13,660,492.98
<b>2nd Quarter subtotal</b>		<b>13,640,495</b>	
4/4/2017		252,500	13,912,992.98
4/11/2017		818,499	14,731,491.81
4/13/2017		105,000	14,836,491.81
5/5/2017		54,000	14,890,491.81
5/12/2017		416,999	15,307,490.64
5/19/2017		2,500	15,309,990.64
6/14/2017		9,999	15,319,989.47
<b>3rd Quarter subtotal</b>		<b>1,659,496</b>	
<b>Total through 3rd Qtr:</b>		<b>15,319,989</b>	

Attachment 6 – REDF All Financial Activity  
As of 06/30/2017

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	1,249,892	661,130	-	-	-	661,130	588,762
			NON-PERSONNEL SERVICES	22,097,790	(102,430)	3,400,755	2,398,849	20,000	5,717,174	16,380,616
662 Total				23,347,682	558,700	3,400,755	2,398,849	20,000	6,378,304	16,969,378

*\*Note: The negative non-personnel expenditure represents a prior year accrual reversal.*

**Attachment 7 – REDF Administrative Budget and Expenditures  
As of June 30, 2017**

					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	1,249,892	201,767	239,615	219,747	-	661,130
	NA	NA	NON-PERSONNEL SERVICES	50,000	-	3,099	1,627	-	4,726
<b>REDF Total</b>				<b>1,299,892</b>	<b>201,767</b>	<b>242,714</b>	<b>221,374</b>	<b>-</b>	<b>665,856</b>

Attachment 8 – REDF Monthly Actual Expenditures by Program  
As of June 30, 2017

				Actual Expenditures									
Agency Fund	Project Number	Project Title	BUDGET	October	November	December	January	February	March	April	May	June	Total Expenditure
0662*	NA	NA	23,347,682	(255,005)	68,211	70,829	172,347	92,909	98,093	106,670	88,155	116,492	558,700
REDF Total			23,347,682	(255,005)	68,211	70,829	172,347	92,909	98,093	106,670	88,155	116,492	558,700

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