

Department of Energy and Environment

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

July 1, 2017 – September 30, 2017

Table of Contents

INTRODUCTION.....	1
BACKGROUND	1
<u>SUSTAINABLE ENERGY TRUST FUND.....</u>	1
<u>ENERGY ASSISTANCE TRUST FUND.....</u>	2
<u>RENEWABLE ENERGY DEVELOPMENT FUND.....</u>	3

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 Monthly Actual Expenditures by Program

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, 2017 – September 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 3,153 (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	167	18	7	173	350	194	652	957	2,518
Cumulative Quarter	1,592	213	66	1,441	3,451	1,782	5,188	7,437	2,170

Table 2: LIHEAP Benefit Payments Quarter 4 Timeline and Milestones

Milestone	Goal Date	Actual Date
Quarter 4: July 1, 2017 – September 30, 2017		
Serve additional eligible District households	September 2017	September 2017

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

Milestone	Goal Date	Actual Date
Quarter 1: October 1, 2017 – December 31, 2017		
Serve additional eligible District households	December 2017	

Renewable Energy Development Fund

The intent of the REPS is to expand the District's solar capacity, increase the amount of solar generated within the District, and provide the benefits of locally-generated solar energy to low-income households, small businesses, nonprofits, and seniors. Solar for All's specific targets are to provide the benefits of solar energy to 100,000 low-income households (defined as households at or below 80% of Area Median Income) and to reduce their energy bills by 50% (based on the residential rate class average usage for 2016) by 2032.

SOLAR FOR ALL PROGRAM**Review of Implementation Plan**

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.

FY 2017-FY 2018 Solar for All Innovation and Expansion Grant Projects

In late FY 2017, DOEE selected the nine grant proposals. These projects were chosen based on the applicants' ability to meet the baseline eligibility criteria, clear plans for addressing core barriers, and the innovation demonstrated by their proposals. Grantees represent both nonprofit and for-profit entities, and the grantees are also engaging many District-based businesses as teaming partners. Many of these projects are focused on community solar, expanding the opportunity for the solar industry to serve households that were previously unable to directly benefit from solar energy.

Each of these nine projects is summarized below.

Grantee Name	Grant Amount (\$)	Project Description
Community Power Network (CPN) - DC SUN is a project of Community Power Network	\$2,000,000	This grant will fund CPN's Low-Income Solar Co-op Program, which will bring low-income residents together in a group or solar co-op, to provide more affordable bulk procurement of solar installations. CPN will pay for the full installation of panels on the homes of low-income residents. Low-income homeowners will receive all the associated financial benefits of solar, at no cost. CPN plans to install 750 kW, serving up to 231 households.
Groundswell, Inc.	\$1,261,590	This grant will fund Groundswell's installation of solar panels on six houses of worship in Wards 4, 7, and 8, which will result in free, 20-year community solar subscriptions for low-income households. Groundswell will provide local employment and apprenticeship opportunities, and solar jobs skills training. Groundswell plans to install 366 kW, serving up to 122 households.
New Partners Community Solar Corp. (formed by Nixon Peabody LLP)	\$2,000,000	This grant will fund New Partners Community Solar Corp.'s installation of solar panels on 15-25 commercial, nonprofit, and apartment rooftops, resulting in free, 25-year community solar subscriptions for low-income households. New Partners Community Solar Corp. plans to install 1 MW, serving at least 325 households.
Urban Energy Advisors (DBA Urban Ingenuity) in partnership with NHT Enterprise	\$1,517,655	This grant will fund Urban Energy Advisors' installation of solar energy systems on affordable, multifamily buildings. Urban Energy Advisors plans to install 1 MW, serving up to 402 households.
PEER Consultants, P.C.	\$1,250,000	This grant will fund PEER Consultants, P.C.'s installation of solar panels on affordable, multifamily buildings, resulting in 15-years of free solar energy benefits for low-income households. The grantee will also educate building owners on how their rooftops could be used for solar generation and other environmental measures, including stormwater retention and methods for reducing urban heat island effect. PEER Consultants, P.C. plans to install 500 kW, serving 100 low-income households.
Neighborhood Solar Equity, LLC (collaboration between Community Renewable Energy, Root + Branch, and Kelly Electric)	\$1,177,506	This grant will fund Neighborhood Solar Equity, LLC's installation of solar energy systems on several buildings at a local university. Electricity will be provided to the university. SREC revenue from the project will benefit low-income residents for 15 years. Neighborhood Solar Equity, LLC plans to install 595 kW, serving up to 100 households.

Grantee Name	Grant Amount (\$)	Project Description
Open Market ESCO LLC (the energy services division of WinnCompanies)	\$1,347,737	This grant will fund Open Market ESCO LLC's installation of solar panels on 4 roofs of Atlantic Terrace, a 195-unit affordable multifamily property in Ward 8, resulting in free, 15-year community solar subscriptions for low-income residents. The grantee will also provide education to low-income residents regarding the benefits of solar. Open Market ESCO LLC plans to install 548 kW, serving the 195 households residing at Atlantic Terrace.
Ethos Strategic Consulting, LLC	\$1,790,000	This grant will fund Ethos Strategic Consulting, LLC's installation of solar canopies over surface parking lots at several affordable housing properties. The benefits from the electricity generated in this community solar project will be provided in the form of direct payments to the low-income residents of the adjacent properties for 25 years. Ethos Strategic Consulting, LLC plans to install 1 MW, serving up to 350 households.
Community Preservation and Development Corporation (CPDC)	\$300,000	This grant will fund CPDC's installation of solar panels on the rooftops of 14 multifamily properties owned by CPDC. The proceeds from the electricity generated will reduce operating costs for CPDC. CPDC will use these cost savings to invest building upgrades, new amenities, and resident services that benefit the residents of these properties. CPDC plans to install 1 MW, serving 2,800 low-income households.

These projects, which are now underway, each take a different approach and will, therefore, provide different benefits to households. Additionally, as these are research and innovation grants, each grantee may use a different methodology to determine the dollar amount of benefit provided to each household. DOEE will use a common metric, developed by an analysis of Pepco calendar year 2016 average residential usage, to determine the number of households served for reporting purposes. The initial analysis demonstrates that in order to meet 50% of a District household's average residential usage it is necessary to provide \$500 per year (\$42/month) per household, or to offset 4,200 kWh per year (350 kWh/month) per household.

In FY 2017, DOEE held kickoff meetings with each grantee and continues to facilitate quarterly grantee convenings where the cohort gathers to share lessons learned, coordinate with the Department of Consumer and Regulatory Affairs on solar permitting and with Pepco on the interconnection process, and coordinate on outreach and engagement efforts.

Strategic External Partnerships

In addition to the Solar for All Innovation and Expansion Grant Projects listed above, DOEE has funded four projects aimed at catalyzing solar installation in the District. These projects, outlined below, demonstrate replicable solutions.

- **Community Solar Pilot**

DOEE provided \$175,000 in grant funding to New Partners Community Solar Corp. to pilot the first community solar project in the District. The grant provided gap financing to assist with the development and operation of community solar arrays on three properties owned and managed by Brookfield Office Properties, located in downtown DC. The grantee installed 181 kW of solar capacity, which now serves approximately 100 low-income residents of National Housing Trust and Mission First affordable housing properties.

- **Vulnerability Assessment and Resilience Audit and Solar Tool for Affordable Housing**

DOEE awarded \$250,000 to Enterprise Community Partners, in partnership with New Ecology, the National Housing Trust, and the Clean Energy Group, to develop a tool to assess the vulnerability of the District's affordable housing stock to the impacts of climate change and to identify opportunities to improve resilience, reduce energy use, install solar, and install battery storage systems. The project supports the goals of both Solar for All and Climate Ready DC, the District's plan to prepare for climate change. In addition to developing the tool, the grantees will complete assessments of at least 20 affordable housing properties. This project will help catalyze the affordable housing sector to strategically integrate resilience planning and solar assessments in their planning, development, and operations.

- **Low-Income Energy Efficiency and Solar-Ready Roof Demonstration**

In FY 2017, DOEE launched a demonstration project at Garfield Terrace (a DC Housing Authority property) to pair energy efficiency measures with solar, through the federal Weatherization Assistance Program. This demonstration project included the installation of energy efficiency and health and safety measures and a full roof

replacement to make it solar-ready. DOEE plans to complete a solar installation at Garfield Terrace in FY 2018.

DOEE intends to replicate this model, and is currently working with the U.S. Department of Energy (US DOE) to obtain the approvals necessary for solar systems to be considered an energy efficiency measure under the Weatherization Assistance Program.

Interagency Partnerships

DOEE can report the following strategic partnerships to increase the rate of solar installation on public land and buildings throughout the District:

- **Department of Employment Services**

DOEE and the Department of Employment Services (DOES) have partnered to develop Solar Works DC, a low-income solar installation and job training program. GRID Alternatives Mid-Atlantic was awarded a grant in May 2017 to implement the program for the first year. In addition to preparing District residents to enter careers in solar and related industries, Solar Works DC will reduce energy costs for qualified low-income District homeowners by installing solar systems on their homes. This program operates year-round, with three cohorts per year (summer, fall and spring); it will provide trainees with valuable classroom education and hands-on experience, and the opportunity to earn industry-recognized certifications. Over the course of three years, the program will train more than 200 District residents and will install solar systems on up to 300 income-qualified homes.

The annual funding for the program is \$950,000 and is provided from the REDF, with additional funding provided by DOES to facilitate wraparound services and remedial support to all trainees. This includes an array of support services and soft-skills training to enhance their training experience and further their professional development.

- **Department of General Services**

DOEE is partnering with the Department of General Services (DGS) on a 1 MW community solar installation in Ward 8 to serve low-income households, and a pilot project to test different energy storage solutions and to procure and install solar, coupled with energy storage.

- **DC Public Library**

DOEE is partnering with DC Public Library for the procurement and installation of a 50 kW solar system, coupled with an energy storage system, at a newly constructed DC Public Library.

- **Department of Housing and Community Development**

DOEE is partnering with the Department of Housing and Community Development (DHCD) to deliver technical assistance to affordable housing developers seeking gap-financing. This technical assistance, provided by the DCSEU through its existing contract, will help these developers identify different means for financing and structuring solar development, and will provide them with tools to assess solar proposals that best suit their projects. This technical assistance is being offered to recent Housing Production Trust Fund recipients.

- **DC Housing Authority**

In addition to the Low-Income Energy Efficiency and Solar-Ready Roof Demonstration project at Garfield Terrace, DOEE is working with the DC Housing Authority (DCHA) to solarize its housing properties. In FY 2017, DOEE provided funding to The Community Foundation to assess solar and battery storage potential on property currently under redevelopment with DCHA. The project is currently in the pre-development phase.

In FY 2017, DOEE awarded a \$5 million dollar grant to DCHA to support roof repair, replacement, solar installation and battery storage installation at DCHA's housing properties. This work will continue in FY 2018.

- **University of the District of Columbia**

In FY 2017, DOEE worked with the University of the District of Columbia (UDC) to identify rooftops for solar installation and provide technical assistance. DOEE will continue to partner with UDC in FY 2018 as the university implements solar projects.

Systems Installed in FY 2017

FY 2017 was a planning year for the Solar for All Program. DOEE established the Solar for All Task Force, comprising 13 solar professionals in the private and nonprofit sectors, including solar development, affordable housing, and green workforce. The Task Force was formed to recommend ways to effectively design and implement Solar for All. DOEE also released two Requests for Information (RFI) to solicit ideas from industry professionals and the general public on developing a long-term solar program in the District. Informed by Solar for All Task Force recommendations and feedback from the two RFIs, DOEE submitted its Solar for All Implementation Plan to the Council in March 2017.

Solar for All Program implementation started in May 2017 with the award of Solar Works DC, followed by the award of the Solar for All Innovation and Expansion Grants in August and early September 2017.

The projects underway represent more than 10 MW of solar energy that will be developed as a result of the Solar for All Program by 2019 with numerous additional initiatives in the assessment and pre-development phase. As DOEE expands Solar for All, it will identify other program offerings and strategic partnerships to meet the FY 2017- FY 2019 initial implementation goal of 30 to 60 MW of solar capacity.

There were a small number of installations completed in FY 2017. Under the Solar Works DC program, GRID Alternatives Mid-Atlantic completed the summer cohort of the Solar Works DC training program, in conjunction with the DOES Marion Barry Summer Youth Employment Program (MBSYEP). This was the first of three cohorts of job trainees who will be trained in solar installation during the first year of Solar Works DC. The program completed 20 solar installations during FY17. A total of 81.9 kW of solar capacity was installed across these homes.

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

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
11/21/2016	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				
1st Quarter subtotal		3,099,944		1st Quarter subtotal		241,352	
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
2nd Quarter subtotal		6,189,803		2nd Quarter subtotal		752,675	
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
3rd Quarter subtotal		5,165,524		3rd Quarter subtotal		552,868	
7/20/2017	WASH GAS	224,403		7/20/2017	WASH GAS	76,085	
7/20/2017	PEPCO	1,425,254		7/20/2017	PEPCO	53,653	
8/18/2017	WASH GAS	203,109		8/18/2017	WASH GAS	68,875	
8/21/2017	PEPCO	1,618,198		8/21/2017	PEPCO	60,924	
9/19/2017	WASH GAS	163,488		9/19/2017	WASH GAS	55,455	
9/20/2017	PEPCO	1,788,772		9/20/2017	PEPCO	67,345	
9/30/2017	WASH GAS	166,707		9/30/2017	WASH GAS	56,536	
9/30/2017	PEPCO	1,515,677		9/30/2017	PEPCO	57,065	
4th Quarter subtotal		7,105,608		4th Quarter subtotal		495,937	
Total through 4th Qtr:		21,560,880		Total through 4th Qtr:		2,042,832	

Note: FY17 numbers are not final and may change until the District's CAFR is released.

Data as of 10.26.17

**Attachment 2 – SETF EATF All Financial Activity
As of 09/30/2017**

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
6700	ABOARD	SETF & EATF ADVISORY BOARD	NON-PERSONNEL SERVICES	26,000	-	-	-	-	-	26,000
	ABOARD Total			26,000	-	-	-	-	-	26,000
	ADMSEU	SEU CONTRACT ADMINISTRATION	PERSONNEL SERVICES	1,072,356	822,788	-	-	-	822,788	249,568
			NON-PERSONNEL SERVICES	888,194	846,818	-	2,224	-	849,042	39,152
	ADMSEU Total			1,960,551	1,669,606	-	2,224	-	1,671,830	288,721
	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	-	(3)	-	-	-	(3)	3
			NON-PERSONNEL SERVICES	1,211,000	1,202,110	-	-	-	1,202,110	8,890
	NOPROJ Total			1,211,000	1,202,107	-	-	-	1,202,107	8,893
	SEUCTR	SEU CONTRACT	NON-PERSONNEL SERVICES	20,000,000	20,000,000	-	-	-	20,000,000	-
	SEUCTR Total			20,000,000	20,000,000	-	-	-	20,000,000	-
	SEUEMV	SEU CONTRACT EM&V	PERSONNEL SERVICES	-	-	-	-	-	-	-
			NON-PERSONNEL SERVICES	-	-	-	-	-	-	-
	SEUEMV Total			-	-	-	-	-	-	-
	SEURVW	SEU INDEPENDENT REVIEW OF PERFORMANCE	NON-PERSONNEL SERVICES	100,000	36,285	-	-	-	36,285	63,715
	SEURVW Total			100,000	36,285	-	-	-	36,285	63,715
6700 Total				23,297,551	22,907,998	-	2,224	-	22,910,222	387,329
6800	ADMEA9	EATF ADMINISTRATION	PERSONNEL SERVICES	180,424	149,415	-	-	-	149,415	31,009
			NON-PERSONNEL SERVICES	123,831	89,403	-	13,894	-	103,297	20,534
	ADMEA9 Total			304,254	238,817	-	13,894	-	252,712	51,543
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	PERSONNEL SERVICES	427,592	332,188	-	-	-	332,188	95,404
			NON-PERSONNEL SERVICES	1,446,169	1,442,688	-	-	-	1,442,688	3,482
	LID109 Total			1,873,762	1,774,876	-	-	-	1,774,876	98,886
	LID209	RAD EXPANSION	PERSONNEL SERVICES	99,854	79,747	-	-	-	79,747	20,107
			NON-PERSONNEL SERVICES	3,895	4,605	-	-	-	4,605	(709)
	LID209 Total			103,749	84,352	-	-	-	84,352	19,397
	LIG109	RES EXPANSION	PERSONNEL SERVICES	31,131	30,385	-	-	-	30,385	745
	LIG109 Total			31,131	30,385	-	-	-	30,385	745
6800 Total				2,312,549	2,128,430	-	13,894	-	2,142,325	170,224
Grand Total				25,610,099	25,036,428	-	16,118	-	25,052,546	557,553

Note: FY17 numbers are not final and may change until the District's CAFR is released.

Data as of 10.26.17

**Attachment 3 – SETF EATF Administrative Budget and Expenditures
As of September 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
6700	ADMSEU	SEU CONTRACT ADMINISTRATION	PERSONNEL SERVICES	1,072,356	189,486	192,553	189,382	251,367	822,788
			NON-PERSONNEL SERVICES	38,500	3,913	405	5,402	17,735	27,455
	ADMSEU Total			1,110,856	193,399	192,958	194,785	269,101	850,243
	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	-	723	129	(854)		(3)
	NOPROJ Total			-	723	129	(854)	-	(3)
	SEUEMV	SEU CONTRACT EM&V	PERSONNEL SERVICES	-	765	-	(765)		-
	SEUEMV Total			-	765	-	(765)	-	-
6700 Total				1,110,856	194,887	193,088	193,165	269,101	850,240
6800	ADMEA9	EATF ADMINISTRATION	PERSONNEL SERVICES	180,424	35,013	42,664	45,023	26,714	149,415
			NON-PERSONNEL SERVICES	10,000	20	360	6,152	876	7,407
	ADMEA9 Total			190,424	35,032	43,024	51,175	27,590	156,822
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	PERSONNEL SERVICES	427,592	106,723	71,417	74,834	79,214	332,188
	LID109 Total			427,592	106,723	71,417	74,834	79,214	332,188
	LID209	RAD EXPANSION	PERSONNEL SERVICES	99,854	19,164	21,311	18,810	20,462	79,747
			NON-PERSONNEL SERVICES	3,895	-	-		4,605	4,605
	LID209 Total			103,749	19,164	21,311	18,810	25,067	84,352
	LIG109	RES EXPANSION	PERSONNEL SERVICES	31,131	1,085	945	705	27,649	30,385
LIG109 Total			31,131	1,085	945	705	27,649	30,385	
6800 Total				752,896	162,005	136,697	145,524	159,521	603,747
Grand Total				1,863,752	356,892	329,784	338,689	428,622	1,453,987

Note: FY17 numbers are not final and may change until the District's CAFR is released.

Data as of 10.26.17

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

Agency Fund	Project Number	Project Title	BUDGET	Actual Expenditures												Total Expenditure
				October	November	December	January	February	March	April	May	June	July	August	September	
6700	ABOARD	SETF & EATF ADVISORY BOARD	26,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	ADMSEU	SEU CONTRACT ADMINISTRATION	1,960,551	62,258	55,324	69,930	59,402	68,198	66,943	69,062	72,327	120,356	122,420	186,479	716,907	1,669,606
	NOPROJ	NO PROJECT INFORMATION	1,211,000	282	853,476	352,984	757	(28)			(30)	(5,322)			(11)	1,202,107
	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	2,223,264	2,941,712	9,257,955	20,000,000
	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	2,345,684	3,128,192	9,974,850	22,907,998
6800	ADMEA9	EATF ADMINISTRATION	304,254	12,900	25,312	27,810	20,030	25,561	13,798	19,459	35,222	19,708	11,330	10,146	17,541	238,817
	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	26,303	77,071	31,923	1,774,876
	LID209	RAD EXPANSION	103,749	4,754	4,508	9,902	6,225	9,142	5,944	6,520	5,770	6,520	6,737	6,737	11,593	84,352
	LIG109	RES EXPANSION	31,131	783	(114)	417	541	332	72	192	(8)	521	22,660	2,535	2,454	30,385
6800 Total			2,312,896	51,816	62,672	619,696	860,647	60,299	47,096	51,311	63,304	84,560	67,030	96,489	63,511	2,128,430
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	2,412,714	3,224,680	10,038,361	25,036,428

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

Note: FY17 numbers are not final and may change until the District's CAFR is released.

Data as of 10.26.17

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

Renewable Energy Development Fund (REDF)			
Deposit Date	Source of Funds	Amount	Total Received to date
11/10/2016		9,999	9,999
12/6/2016		9,999	19,998
1st Quarter subtotal		19,998	
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
2nd Quarter subtotal		13,640,495	
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
3rd Quarter subtotal		1,659,496	
8/2/2017		9,998.83	15,329,988.30
4th Quarter subtotal		9,999	
Total through 4th Qtr:		15,329,988	

Note: FY17 numbers are not final and may change until the District's CAFR is released.
Data as of 10.26.17

Attachment 6 – REDF All Financial Activity
As of 09/30/2017

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	951,845	-	-	-	951,845	298,047
			NON-PERSONNEL SERVICES	27,216,504	2,142,737	-	1,579	-	2,144,316	25,072,188
662 Total				28,466,396	3,094,582	-	1,579	-	3,096,161	25,370,235

*Note: FY17 numbers are not final and may change until the District's CAFR is released.**Data as of 10.26.17*

**Attachment 7 – REDF Administrative Budget and Expenditures
As of September 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	290,715	951,845
	NA	NA	NON-PERSONNEL SERVICES	50,000	-	3,099	1,627	15,680	20,405
REDF Total				1,299,892	201,767	242,714	221,374	306,395	972,250

Note: FY17 numbers are not final and may change until the District's CAFR is released.

Data as of 10.26.17

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

				Actual Expenditures												
Agency Fund	Project Number	Project Title	BUDGET	October	November	December	January	February	March	April	May	June	July	August	September	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	130,119	853,499	1,552,264	3,094,582
REDF Total			23,347,682	(255,005)	68,211	70,829	172,347	92,909	98,093	106,670	88,155	116,492	130,119	853,499	1,552,264	3,094,582

* The negative expenditure represents accrual from prior fiscal year.

Note: FY17 numbers are not final and may change until the District's CAFR is released.

Data as of 10.26.17