

**Department of Energy and Environment**

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

**October 1, 2018 – December 30, 2018**

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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 (Council) covers the period from October 1, 2018 – December 31, 2018.

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 (DCSEU), 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 Standard 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 DOEE's and DCSEU's reports can be found on DOEE's website.

## **Energy Assistance Trust Fund**

### **Low-Income Home Energy Assistance Program Background**

DOEE administers the Low Income Home 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 provided to District households this quarter from all funding sources, including EATF, was 8,478.

**Table 1: LIHEAP Benefit Payments Quarter 1 Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date</b>
<b>Quarter 1: October 1, 2018 – December 31, 2018</b>		
Serve additional eligible District households	December 2018	December 2018

**Next Quarter’s Projected Goals**

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

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date</b>
<b>Quarter 2: January 1, 2019 – March 31, 2019</b>		
Serve additional eligible District households	March 2019	

**Renewable Energy Development Fund**

**Background**

The intent of the Solar for All Program 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.

DOEE is implementing Solar for All in five three-year phases to ensure the program is sufficiently flexible to adapt to market changes and overcome barriers. This phase focuses on researching and developing solutions necessary to complete large-scale projects in subsequent implementation phases. This phase intends to achieve these goals through Solar for All Innovation and Expansion Grants, and strategic external and interagency partnerships.

DOEE awarded nine innovation and expansion grant proposals 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. Table 3 provides the goals and details of the awarded grants.

**Table 3: Solar for All Innovation and Expansion Grants**

<b>Grantee</b>	<b>Project Description</b>
<b>DC Solar United Neighbors (SUN), formerly Community Power Network</b>	This grant funds SUN’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. SUN 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. SUN plans to install 750 kW, serving at least 215 households.
<b>Groundswell, Inc.</b>	This grant funds 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.
<b>New Partners Community Solar Corp. (formed by Nixon Peabody LLP)</b>	This grant funds 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 1.25 MW, serving at least 425 households.
<b>Urban Energy Advisors (DBA Urban Ingenuity) in partnership with NHT Enterprise</b>	This grant funds Urban Energy Advisors’ installation of solar energy systems on affordable, multifamily buildings. Urban Energy Advisors plans to install up to 1 MW, serving up to 402 households.
<b>PEER Consultants, P.C.</b>	This grant funds 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

Grantee	Project Description
	100 low-income households.
<b>Neighborhood Solar Equity, LLC</b> <b>(collaboration between Community Renewable Energy, Root + Branch, and Kelly Electric)</b>	This grant funds Neighborhood Solar Equity, LLC’s installation of solar energy systems on several buildings at a local university. Electricity will be provided to the university. Solar Renewable Energy Credit (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.
<b>Open Market ESCO LLC (the energy services division of WinnCompanies)</b>	This grant funds Open Market ESCO LLC’s installation of solar panels on 4 roofs of Atlantic Terrace, a 195-unit affordable multifamily property in Ward 8, providing free, 15-year community solar subscriptions for low-income District residents. The grantee will also provide education to low-income residents regarding the benefits of solar. Open Market ESCO LLC installed 548 kW, serving approximately 150 income-qualified households.
<b>Ethos Strategic Consulting, LLC</b>	This grant funds 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.
<b>Community Preservation and Development Corporation (CPDC)</b>	This grant funds 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 4,800 low-income households.

In addition to these nine grants, DOEE has fostered partnerships for several projects as shown in Table 4. These projects provide opportunities for DOEE to support existing efforts with private entities and other District agencies through funding training, and providing technical assistance.

**Table 4: Solar for All External and Interagency Partnerships**

<b>Partnership</b>	<b>Project Description</b>
<b>Community Solar Pilot</b>	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, serving 100 households with 181kW.
<b>Vulnerability Assessment and Resilience Audit and Solar Tool for Affordable Housing</b>	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.
<b>Low-Income Energy Efficiency and Solar-Ready Roof Demonstration</b>	A demonstration project at Garfield Terrace (a DC Housing Authority property) to pair energy efficiency measures with solar, through the federal Weatherization Assistance Program.
<b>DC Sustainable Energy Utility (DCSEU)</b>	The DCSEU planned to install at least 1 MW of solar in FY 2017 across the commercial, government, and institutional sectors. In FY 2018, DOEE hired an independent third party contractor to verify and determine the DCSEU’s achievement with respect to the solar/renewable energy performance benchmark in the DCSEU contract.
<b>Solar Works DC (SWDC)</b>	A low-income solar installation and job training program. Solar Works DC will reduce energy costs for qualified low-income District homeowners by installing solar systems on their homes. The program will train more than 200 District residents and will install solar systems on income-qualified homes in the District over three years.
<b>Department of General Service (DGS)</b>	2.6 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.
<b>DC Public Library (DCPL)</b>	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
<b>Department of Housing and Community Development (DHCD)</b>	To deliver technical assistance to recent Housing Production Trust Fund recipients and affordable housing developers seeking gap-financing.
<b>DC Housing Authority (DCHA)</b>	To support roof repair, replacement, solar installation, and battery storage installation at DCHA’s housing properties.
<b>University of the District of Columbia (UDC)</b>	DOEE is partnering with UDC to support roof repair/replacement of at least one building’s roof and the subsequent installation of solar to benefit low income students.

## **Program Accomplishments**

The **DC Housing Authority (DCHA)** completed the solar panel installations at their Parkway Overlook (717kW) and Ft. Lincoln (118kW) properties. Final approvals from Pepco are pending for these installations. Upon completion, DCHA estimates the total solar energy capacity funded by the grant will be 1.7MW, providing benefits to over 1,000 households.

The **Solar Works DC** 12 week Fall cohort commenced in September and trained 25 District residents in solar installation, with 18 trainees graduating. The team successfully installed 62kW of solar energy on 18 households in Q1FY19. Since its launch in May 2017, the Solar Works DC program has installed 341kWs of rooftop solar arrays on 94 income-qualified single-family homes throughout the District. Additionally, 125 District residents across 5 cohorts have been trained to install rooftop solar arrays, 96 graduated from the program, resulting in gainful employment for 27 District residents in solar-related fields, following their training. The grantee implementing Solar Works DC is required to track program trainees six-month post-program to continue to connect them to industry employers and sustainable work opportunities in this field. The program has become one of the DC Infrastructure Academy's flagship programs and continues to operate there.

**Open Market ESCO** installed and interconnected 651 kW of solar on Winn Companies' Atlantic Terrace property in December 2017. The energy produced by 548 kW of this installation is being provided to 144 income-qualified households in the District through no-cost community solar subscriptions.

**Solar United Neighbors** of D.C, (Community Power Network), has begun installing solar energy systems on single family rooftops in the District. In Q1FY19, they completed installation and approvals of 4 systems, and have an additional 45 homeowners under contract. These homeowners will own the solar installation from day one and should see their electric bills cut in half. Solar United Neighbors continues to recruit more households and is now seeing results from neighbor-to-neighbor referrals.

**Urban Ingenuity** has interconnected 1,401kW of new solar across 14 affordable housing properties in the District. Of the 1,401kW installed, 779kW (or 55%) will be dedicated to Solar for All clients.

**Community Preservation Development Corporation** started installation in December 2018 on Oxford Manor (414kW), the largest of its 5-project portfolio. Planning for resident engagement is currently underway.

**Groundswell** has completed site control on all 4 of their solar projects with enough capacity to meet the original 366kW goal. They have also filled their subscriber pool of 122 eligible households. Project construction on the Dupont Park Seventh-Day Adventist Church rooftop solar photovoltaic system (43kW) located on Massachusetts Ave. SE is expected to begin construction in the coming weeks. The Dupont Park Seventh-Day Adventist Church canopy solar PV project site located on Alabama Ave. SE is awaiting zoning permit approval with DCRA.

**Ethos** has an 192kW rooftop PV system at Minnesota Gardens under contract, a 515kW project at Dupont Commons under site control, and a pipeline of projects to fill out the remaining 1 MW at affordable housing Hampstead Properties sites (Valencia 46.8kW, Viscaya 53.6 kW, Homestead 95.4kW, Kingston 37.1kW). Ethos also held a project kick-off community engagement activity in December 2018 for their project at the Dupont Commons property. The team is moving toward Dupont Commons project installation within the coming weeks.

**New Partners** has begun construction of 170kW of solar energy on commercial downtown rooftops, making progress towards the total goal of 1,280 kW of photovoltaic capacity. In addition, in the first quarter of FY19, New Partners signed license agreements for three rooftops and continues to work with the District government and WMATA to secure additional rooftop space. New Partners is working with DGS to finalize a license agreement to begin construction at a DCPS school, and is working with WMATA to advance through the permitting process. In addition, New Partners is in the design phase for a solar facility on a WMATA metro station parking garage. This project will include innovative uses of the rooftop space, including wall-mounted panels, panels on a green roof, and canopies over a playground. The remainder of the solar systems will be installed in the second and third quarters of fiscal year 2019. New Partners is on track to serve at least 425 low-income households.

## **Challenges and Solutions**

The Solar for All Innovation and Expansion grants and partnerships have made good progress towards construction and installation of the solar energy systems. The grantees continue to identify barriers and challenges as they progress through the implementation process. As challenges are identified, DOEE is working closely with stakeholders to facilitate solutions wherever possible.

Zoning, permitting, and approvals from Pepco and other agencies have proven to be challenging and have caused timeline delays, particularly for the ground-mounted and solar canopy projects and for rooftop projects proposed on historic buildings. The DOEE team has been closely involved in order to monitor progress and facilitate expedited review if possible. DOEE is working with grantees and partners to identify innovative methods to provide benefits to low-income households equivalent to a 50% reduction in energy bills where directly applying benefits on energy bills is not practical or possible.

**Attachment 1 – SETF EATF Revenue Collection  
October 1, 2018 - December 31, 2018**

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
12.01.18	PEPCO	1,479,640.46	1,479,640	12.01.18	PEPCO	213,136.63	213,136.63
12.20.18	PEPCO	1,277,070.29	2,756,711	12.20.18	PEPCO	184,031.07	397,167.70
12.01.18	WASH GAS	185,867.67	2,942,578	12.01.18	WASH GAS	102,940.05	500,107.75
12.20.18	WASH GAS	354,844	3,297,423	12.20.18	WASH GAS	196,621.58	696,729.33
1st Quarter subtotal		3,297,423		1st Quarter subtotal		696,729.33	
Total through 1st Qtr:			3,297,423	Total through 1st Qtr:			696,729.33

**Note: FY19 numbers are not final and may change until the District's CAFR is released.**

*Data as of 12.31.18*

**Attachment 2 – SETF EATF All Financial Activity  
As of December 31, 2018**

<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>
<b>6700</b>	ABOARD	SETF & EATF ADVISORY BOARD	NON-PERSONNEL SERVICES	9,800	-	-	-	-	-	9,800
	<b>ABOARD Total</b>			<b>9,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,800</b>
	ADMSEU	SEU CONTRACT ADMINISTRATION	PERSONNEL SERVICES	1,259,361	208,531	-	-	-	208,531	1,050,830
			NON-PERSONNEL SERVICES	875,805	77,340	504	668,357	-	746,201	129,604
	<b>ADMSEU Total</b>			<b>2,135,166</b>	<b>285,871</b>	<b>504</b>	<b>668,357</b>	<b>-</b>	<b>954,732</b>	<b>1,180,434</b>
	CRSETF	COMMUNITY RELATIONS - SETF	NON-PERSONNEL SERVICES	-	-	-	-	-	-	-
	<b>CRSETF Total</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	EECSET	ENERGY EFFICIENCY & CONSERVATION - SETF	NON-PERSONNEL SERVICES	-	-	-	-	-	-	-
	<b>EECSET Total</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	-	-	-	-	-	-	-
			NON-PERSONNEL SERVICES	-	-	-	-	-	-	-
	<b>NOPROJ Total</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	SEUCTR	SEU CONTRACT	NON-PERSONNEL SERVICES	21,351,666	990,530	-	20,361,136	-	21,351,666	-
	<b>SEUCTR Total</b>			<b>21,351,666</b>	<b>990,530</b>	<b>-</b>	<b>20,361,136</b>	<b>-</b>	<b>21,351,666</b>	<b>-</b>
	SEURVW	SEU INDEPENDENT REVIEW OF PERFORMANCE	NON-PERSONNEL SERVICES	100,000	-	-	-	-	-	100,000
	<b>SEURVW Total</b>			<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100,000</b>
<b>6700 Total</b>				<b>23,596,632.00</b>	<b>1,276,400.91</b>	<b>504.00</b>	<b>21,029,492.69</b>	<b>-</b>	<b>22,306,397.60</b>	<b>1,290,234.40</b>
<b>6800</b>	ADMEA9	EATF ADMINISTRATION	PERSONNEL SERVICES	180,560	39,565	-	-	-	39,565	140,995
			NON-PERSONNEL SERVICES	182,345	62,031	-	84,874	-	146,905	35,440
	<b>ADMEA9 Total</b>			<b>362,905</b>	<b>101,596</b>	<b>-</b>	<b>84,874</b>	<b>-</b>	<b>186,470</b>	<b>176,435</b>
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	PERSONNEL SERVICES	489,046.28	95,402.79	-	-	-	95,402.79	393,643.49
			NON-PERSONNEL SERVICES	4,199,549.87	-	-	-	-	-	4,199,549.87
	<b>LID109 Total</b>			<b>4,688,596.15</b>	<b>95,402.79</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>95,402.79</b>	<b>4,593,193.36</b>
	LID209	RAD EXPANSION	PERSONNEL SERVICES	94,405.13	21,437.82	-	-	-	21,437.82	72,967.31
			NON-PERSONNEL SERVICES	6,500.00	-	-	-	-	-	6,500.00
	<b>LID209 Total</b>			<b>100,905.13</b>	<b>21,437.82</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>21,437.82</b>	<b>79,467.31</b>
	LIG109	RES EXPANSION	PERSONNEL SERVICES	30,433.59	6,693.70	-	-	-	6,693.70	23,739.89
	<b>LIG109 Total</b>			<b>30,433.59</b>	<b>6,693.70</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,693.70</b>	<b>23,739.89</b>
<b>6800 Total</b>				<b>5,182,839.56</b>	<b>225,130.23</b>	<b>-</b>	<b>84,874.00</b>	<b>-</b>	<b>310,004.23</b>	<b>4,872,835.33</b>
<b>Grand Total</b>				<b>28,779,471.56</b>	<b>1,501,531.14</b>	<b>504.00</b>	<b>21,114,366.69</b>	<b>-</b>	<b>22,616,401.83</b>	<b>6,163,069.73</b>

**Notes:** FY19 numbers are not final and may change until the District's CAFR is released.

**Data as of 12.31.18**

**Attachment 3 – SETF EATF Administrative Budget and Expenditures  
As of December 31, 2018**

QUARTERLY ACTUAL EXPENDITURES						
<b>Fund</b>	<b>Project No</b>	<b>Project Title</b>	<b>PS/NPS Category</b>	<b>Budget</b>	<b>Oct-Dec</b>	<b>Total Year-to-Date Actual Expenditures</b>
6700	ADMSEU	SEU CONTRACT ADMINISTRATION	PERSONNEL SERVICES	1,259,361	208,531	208,531
			NON-PERSONNEL SERVICES	27,072	5,649	5,649
	<b>ADMSEU Total</b>			<b>1,286,433</b>	<b>214,180</b>	<b>214,180</b>
	SEUCTR	SEU CONTRACT ADMINISTRATION	PERSONNEL SERVICES	-	-	-
			NON-PERSONNEL SERVICES			-
	<b>SEUCTR Total</b>			<b>-</b>	<b>-</b>	<b>-</b>
	SEURVW	SEU INDEPENDENT REVIEW OF PERF	NON-PERSONNEL SERVICES			-
	<b>SEURVW Total</b>			<b>-</b>	<b>-</b>	<b>-</b>
	CRSETF	COMMUNITY RELATIONS - SETF	NON-PERSONNEL SERVICES	-		-
	<b>CRSETF Total</b>			<b>-</b>		<b>-</b>
NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	-		-	
<b>NOPROJ Total</b>			<b>-</b>		<b>-</b>	
<b>6700 Total</b>				<b>1,286,433</b>	<b>214,180</b>	<b>214,180</b>
6800	ADMEA9	EATF ADMINISTRATION	PERSONNEL SERVICES	180,560	39,565	39,565
			NON-PERSONNEL SERVICES	10,000	-	-
	<b>ADMEA9 Total</b>			<b>190,560</b>	<b>39,565</b>	<b>39,565</b>
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	PERSONNEL SERVICES	489,046	95,403	95,403
			NON-PERSONNEL SERVICES	-	-	-
	<b>LID109 Total</b>			<b>489,046</b>	<b>95,403</b>	<b>95,403</b>
	LID209	RAD EXPANSION	PERSONNEL SERVICES	94,405	21,438	21,438
			NON-PERSONNEL SERVICES	6,500	-	-
	<b>LID209 Total</b>			<b>100,905</b>	<b>21,438</b>	<b>21,438</b>
	LIG109	RES EXPANSION	PERSONNEL SERVICES	30,434	6,694	6,694
		NON-PERSONNEL SERVICES	-	-	-	
<b>LIG109 Total</b>			<b>30,434</b>	<b>6,694</b>	<b>6,694</b>	
<b>6800 Total</b>				<b>810,945</b>	<b>163,099</b>	<b>163,099</b>
<b>Grand Total</b>				<b>2,097,378</b>	<b>377,280</b>	<b>377,280</b>

*Note: FY19 numbers are not final and may change until the District's CAFR is released.*

*Data as of 12.31.18*

**Attachment 4 – SETF EATF Expenditures by Month  
As of December 31, 2018**

Agency Fund	Project Number	Project Title	BUDGET	Actual Expenditures			
				October	November	December	Total Expenditure
6700	ABOARD	SETF & EATF ADVISORY BOARD	9,800	-	-	-	-
	ADMSEU	SEU CONTRACT ADMINISTRATION	2,135,166	68,182	64,660	153,029	285,871
	CRSETF	COMMUNITY RELATIONS - SETF	-	-	-	-	-
	EECSET	ENERGY EFFICIENCY & CONSERVATION - SETF	-	-	-	-	-
	NOPROJ	NO PROJECT INFORMATION	-	-	-	-	-
	SEUCTR	SEU CONTRACT	21,351,666	-	990,530	-	990,530
	SEURVW	SEU INDEPENDENT REVIEW OF PERFORMANCE	100,000	-	-	-	-
<b>6700 Total</b>			<b>23,596,632</b>	<b>68,182</b>	<b>1,055,190</b>	<b>153,029</b>	<b>1,276,401</b>
6800	ADMEA9	EATF ADMINISTRATION	362,905	12,591	55,522	33,484	101,596
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	4,688,596	32,792	30,220	32,391	95,403
	LID209	RAD EXPANSION	100,905	7,118	7,026	7,294	21,438
	LIG109	RES EXPANSION	30,434	2,217	2,215	2,262	6,694
<b>6800 Total</b>			<b>5,182,840</b>	<b>54,718</b>	<b>94,982</b>	<b>75,430</b>	<b>225,130</b>
<b>Grand Total</b>			<b>28,779,471.56</b>	<b>122,901</b>	<b>1,150,171</b>	<b>228,459</b>	<b>1,501,531</b>

*Data as of 12.31.18*

**Attachment 5 – REDF Revenue Collection  
October 1, 2018 - December 31, 2018**

<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>
11.21.18	Open Market ESCO	425.50	425.50
<b>1st Quarter subtotal</b>		<b>425.50</b>	
<b>Total through 4th Qtr:</b>		<b>425.50</b>	

*Note: FY19 numbers are not final and may change until the District's CAFR is released.*

Data as of 12.31.18

**Attachment 6 – REDF All Financial Activity  
As of December 31, 2018**

<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>
	ADMSEU	SEU CONTRACT ADMIN	NON-PERSONNEL SERVICES	-	(130)	-	-	-	(130)	130
	<b>BRAND1 Total</b>			<b>-</b>	<b>(130)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(130)</b>	<b>130</b>
	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	-	7,419	-	-	-	7,419	(7,419)
			NON-PERSONNEL SERVICES	-	(598)			-	(598)	598
	<b>NOPROJ Total</b>			<b>-</b>	<b>6,821</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,821</b>	<b>(6,821)</b>
	REDADM	REDF- ADMINISTRATION	NON-PERSONNEL SERVICES	371,266	39,720	1,863	74,080		115,662	255,603
			PERSONNEL SERVICES	1,989,638	349,129				349,129	1,640,509
	<b>REDADM Total</b>			<b>2,360,904</b>	<b>388,849</b>	<b>1,863</b>	<b>74,080</b>	<b>-</b>	<b>464,792</b>	<b>1,896,112</b>
	REDPGR	REDF- PROGRAMS	NON-PERSONNEL SERVICES	38,255,713	572,743	6,490,000	24,518,398	671,445	32,252,586	6,003,127
	<b>REDPGR Total</b>			<b>38,255,713</b>	<b>572,743</b>	<b>6,490,000</b>	<b>24,518,398</b>	<b>671,445</b>	<b>32,252,586</b>	<b>6,003,127</b>
<b>662 Total</b>				<b>40,616,617</b>	<b>968,283</b>	<b>6,491,863</b>	<b>24,592,478</b>	<b>671,445</b>	<b>32,724,068</b>	<b>7,892,549</b>

**Attachment 7 – REDF Administrative Budget and Expenditures  
As of December 31, 2018**

<b>QUARTERLY ACTUAL EXPENDITURES</b>						
<b>Fund</b>	<b>Project No</b>	<b>Project Title</b>	<b>PS/NPS Category</b>	<b>Budget</b>	<b>Oct-Dec</b>	<b>Total Year-to-Date Actual Expenditures</b>
<b>REDF (662)</b>	NOPROJ	NO PROJECT INFORMATION	PERSONNEL SERVICES	-	7,419	7,419
			NON-PERSONNEL SERVICES			-
	<b>NOPROJ Total</b>			<b>-</b>	<b>7,419</b>	<b>7,419</b>
	ADMSEU	SEU CONTRACT ADMIN	PERSONNEL SERVICES	-	(130)	(130)
			NON-PERSONNEL SERVICES		-	-
	<b>NOPROJ Total</b>			<b>-</b>	<b>(130)</b>	<b>(130)</b>
	REDADM	REDF- ADMINISTRATION	PERSONNEL SERVICES	1,989,638	349,129	349,129
			NON-PERSONNEL SERVICES	32,000	421	421
	<b>NOPROJ Total</b>			<b>2,021,638</b>	<b>349,550</b>	<b>349,550</b>
	REDPGR	REDF- ADMINISTRATION	NON-PERSONNEL SERVICES	-	-	-
	<b>REDADM Total</b>			<b>-</b>	<b>-</b>	<b>-</b>
<b>REDF Total</b>				<b>2,021,638</b>	<b>356,839</b>	<b>356,839</b>

*Data as of 12.31.18*

**Notes:** FY19 numbers are not final and may change until the District's CAFR is released. Expenditures do not include AY 18 negative expenditure and encumbrance of \$7,000,000 posted as an accrual for payment to the Green Bank in FY 19 once the bank is established.

**Attachment 8 – REDF Monthly Actual Expenditures by Program  
As of December 31, 2018**

Agency Fund	Project Number	Project Title	BUDGET	Actual Expenditures			Total Expenditures
				October	November	December	
662	BRAND1	SEU BRANDING GREEN ENERGY DC	-	-	-	-	-
	ADMSEU	SEU CONTRACT ADMINISTRATION	-	(130)	-	-	-
	NOPROJ	NO PROJECT INFORMATION	-	2,147	2,945	1,729	6,821
	REDADM	REDF- ADMINISTRATION	2,360,904	118,526	126,511	143,813	388,849
	REDPGR	REDF- PROGRAMS	38,255,713		105,936	466,807	572,743
<b>REDF Total</b>			<b>40,616,617</b>	<b>120,542</b>	<b>235,392</b>	<b>612,349</b>	<b>968,283</b>

*Note: FY19 numbers are not final and may change until the District's CAFR is released.*

*Data as of 12.31.18*

*Note: Negative expenditure in project REDPGR is offset by 7,000,000 encumbrance for the Green Bank.*