

**Department of Energy and Environment**

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

**October 1, 2017 – December 31, 2017**

**Table of Contents**

**INTRODUCTION**..... 1  
**BACKGROUND** ..... 1  
**SUSTAINABLE ENERGY TRUST FUND**..... 2  
**ENERGY ASSISTANCE TRUST FUND**..... 2  
**RENEWABLE ENERGY DEVELOPMENT FUND** ..... 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 (Council) covers the period from October 1, 2017 – December 31, 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 (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 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 of 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 8,367.

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

| Milestone   | Goal Date     | Actual Date   |
|---|---------------|---------------|
| <b>Quarter 1: October 1, 2017 – December 31, 2017</b> |               |               |
| Serve additional eligible District households         | December 2017 | December 2017 |

## Next Quarter's Projected Goals

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

| Milestone  | Goal Date     | Actual Date |
|--|---------------|-------------|
| <b>Quarter 2: January 1, 2018 – March 31, 2018</b> |               |             |
| Serve additional eligible District households      | December 2018 |             |

## Renewable Energy Development Fund

The intent of the Solar for All Program of the REPS Act 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.

## 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 2019 Solar for All Innovation and Expansion Grant Projects**

In late FY 2017, DOEE selected 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.

| <b>Grantee Name</b>  | <b>Grant Amount (\$)</b> | <b>Project Description</b>   |
|--|--------------------------|--|
| Community Power Network (CPN) - DC SUN is a project of Community Power Network | \$2,000,000              | This grant funds 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 at least 231 households. |
| Groundswell, Inc.  | \$1,261,590              | 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.  |
| New Partners Community Solar Corp. (formed by Nixon Peabody LLP)               | \$2,000,000              | 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 MW, serving at least 325 households.  |

| <b>Grantee Name</b>  | <b>Grant Amount (\$)</b> | <b>Project Description</b>  |
|--|--------------------------|---|
| Urban Energy Advisors (DBA Urban Ingenuity) in partnership with NHT Enterprise                                       | \$1,517,655              | This grant funds 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 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 100 low-income households. |
| Neighborhood Solar Equity, LLC (collaboration between Community Renewable Energy, Root + Branch, and Kelly Electric) | \$1,177,506              | 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. 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.  |
| Open Market ESCO LLC (the energy services division of WinnCompanies)   | \$1,347,737              | 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, 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 installed 562.8 kW, serving the 195 households residing at Atlantic Terrace.  |
| Ethos Strategic Consulting, LLC  | \$1,790,000              | 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.   |
| Community Preservation and Development Corporation (CPDC)  | \$300,000                | 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 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 2018, DOEE 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. This 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.

- **DC Sustainable Energy Utility (DCSEU)**

In April 2017, DOEE executed a new multiyear, performance-based DCSEU contract with Vermont Energy Investment Corporation, funded by the Sustainable Energy Trust Fund, to design and deliver energy efficiency and renewable energy programs and initiatives on behalf of the District. 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 will hire 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.

## **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.

GRID Alternatives Mid-Atlantic (GRID) completed the fall cohort of the Solar Works DC training program during this reporting period. The fall cohort of the 12-week job training program completed 23 single-family installations; 22 job trainees graduated from the job training program this fall; and 10 of those 22 have already been placed in jobs. There was 79.08 kW solar capacity installed for single family homes during the last cohort.

- **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. Work is well underway in the first quarter of 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 Q1 FY2018**

DOEE has just completed the first full quarter with the Solar for All Innovation and Expansion Grant grantee cohort and has seen the first interconnection of a community solar facility in Ward 8. The 562.8 kW (DC) installations will serve up to 195 households residing at Atlantic Terrace. Households are currently being subscribed to the community solar facility.

Solar Works DC completed installations on 23 low-income homes. As mentioned above, DOEE has also partnered with DHCD, DCPL, DGS, and DCHA to deploy solar and serve low-income households.



**Attachment 2 – SETF EATF All Financial Activity  
As of 12/31/2017**

| <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     | 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         | 1,158,542         | 202,278             | -                             | -                             | -                          | 202,278                                 | 956,264                  |
|                    |                     |   | NON-PERSONNEL SERVICES     | 841,458           | 2,739               | 480                           | 19,898                        | 6,000                      | 29,117                                  | 812,342                  |
|                    | <b>ADMSEU Total</b> |   |                            | <b>2,000,000</b>  | <b>205,017</b>      | <b>480</b>                    | <b>19,898</b>                 | <b>6,000</b>               | <b>231,395</b>                          | <b>1,768,605</b>         |
|                    | CRSETF              | COMMUNITY RELATIONS - SETF              | NON-PERSONNEL SERVICES     | 69,900            | 529                 | -                             | 9,000                         | 1,804                      | 11,332                                  | 58,568                   |
|                    | <b>CRSETF Total</b> |   |                            | <b>69,900</b>     | <b>529</b>          | <b>-</b>                      | <b>9,000</b>                  | <b>1,804</b>               | <b>11,332</b>                           | <b>58,568</b>            |
|                    | EECSET              | ENERGY EFFICIENCY & CONSERVATION - SETF | NON-PERSONNEL SERVICES     | 172,512           | 423                 | -                             | 98,477                        | -                          | 98,900                                  | 73,612                   |
|                    | <b>EECSET Total</b> |   |                            | <b>172,512</b>    | <b>423</b>          | <b>-</b>                      | <b>98,477</b>                 | <b>-</b>                   | <b>98,900</b>                           | <b>73,612</b>            |
|                    | NOPROJ              | NO PROJECT INFORMATION                  | PERSONNEL SERVICES         | -                 | 79                  | -                             | -                             | -                          | 79                                      | (79)                     |
|                    |                     |   | NON-PERSONNEL SERVICES     | -                 | (2,493)             | -                             | -                             | -                          | (2,493)                                 | 2,493                    |
|                    | <b>NOPROJ Total</b> |   |                            | <b>-</b>          | <b>(2,414)</b>      | <b>-</b>                      | <b>-</b>                      | <b>-</b>                   | <b>(2,414)</b>                          | <b>2,414</b>             |
|                    | SEUCTR              | SEU CONTRACT                            | NON-PERSONNEL SERVICES     | 20,000,000        | 353,326             | -                             | 19,646,674                    | -                          | 20,000,000                              | -                        |
|                    | <b>SEUCTR Total</b> |   |                            | <b>20,000,000</b> | <b>353,326</b>      | <b>-</b>                      | <b>19,646,674</b>             | <b>-</b>                   | <b>20,000,000</b>                       | <b>-</b>                 |
|                    | SEURVW              | SEU INDEPENDENT REVIEW OF PERFORMANCE   | NON-PERSONNEL SERVICES     | 100,000           | -                   | -                             | 34,710                        | -                          | 34,710                                  | 65,290                   |
|                    | <b>SEURVW Total</b> |   |                            | <b>100,000</b>    | <b>-</b>            | <b>-</b>                      | <b>34,710</b>                 | <b>-</b>                   | <b>34,710</b>                           | <b>65,290</b>            |
| <b>6700 Total</b>  |                     |   |                            | <b>22,352,212</b> | <b>556,881</b>      | <b>480</b>                    | <b>19,808,759</b>             | <b>7,804</b>               | <b>20,373,924</b>                       | <b>1,978,288</b>         |
| 6800               | ADMEA9              | EATF ADMINISTRATION                     | PERSONNEL SERVICES         | 194,060           | 52,823              | -                             | -                             | -                          | 52,823                                  | 141,237                  |
|                    |                     |   | NON-PERSONNEL SERVICES     | 248,911           | 40,618              | -                             | 20,097                        | 8,832                      | 69,548                                  | 179,363                  |
|                    | <b>ADMEA9 Total</b> |   |                            | <b>442,971</b>    | <b>93,441</b>       | <b>-</b>                      | <b>20,097</b>                 | <b>8,832</b>               | <b>122,371</b>                          | <b>320,600</b>           |
|                    | LID109              | LIHEAP EXPANSION & ENERGY EDUCATION     | PERSONNEL SERVICES         | 545,373           | 104,824             | -                             | -                             | -                          | 104,824                                 | 440,549                  |
|                    |                     |   | NON-PERSONNEL SERVICES     | 4,150,656         | (2,902)             | -                             | -                             | -                          | (2,902)                                 | 4,153,558                |
|                    | <b>LID109 Total</b> |   |                            | <b>4,696,029</b>  | <b>101,922</b>      | <b>-</b>                      | <b>-</b>                      | <b>-</b>                   | <b>101,922</b>                          | <b>4,594,107</b>         |
|                    | LID209              | RAD EXPANSION                           | PERSONNEL SERVICES         | 84,208            | 19,309              | -                             | -                             | -                          | 19,309                                  | 64,899                   |
|                    |                     |   | NON-PERSONNEL SERVICES     | 5,000             | -                   | -                             | -                             | -                          | -                                       | 5,000                    |
|                    | <b>LID209 Total</b> |   |                            | <b>89,208</b>     | <b>19,309</b>       | <b>-</b>                      | <b>-</b>                      | <b>-</b>                   | <b>19,309</b>                           | <b>69,899</b>            |
|                    | LIG109              | RES EXPANSION                           | PERSONNEL SERVICES         | 29,619            | 7,182               | -                             | -                             | -                          | 7,182                                   | 22,437                   |
|                    | <b>LIG109 Total</b> |   |                            | <b>29,619</b>     | <b>7,182</b>        | <b>-</b>                      | <b>-</b>                      | <b>-</b>                   | <b>7,182</b>                            | <b>22,437</b>            |
| <b>6800 Total</b>  |                     |   |                            | <b>5,257,828</b>  | <b>221,855</b>      | <b>-</b>                      | <b>20,097</b>                 | <b>8,832</b>               | <b>250,784</b>                          | <b>5,007,044</b>         |
| <b>Grand Total</b> |                     |   |                            | <b>27,610,040</b> | <b>778,736</b>      | <b>480</b>                    | <b>19,828,856</b>             | <b>16,636</b>              | <b>20,624,708</b>                       | <b>6,985,332</b>         |

**Attachment 3 – SETF EATF Administrative Budget and Expenditures  
As of December 31, 2017**

| Fund                | Project No          | Project Title                       | PS/NPS Category        | Budget           | QUARTERLY ACTUAL EXPENDITURES |         |         |               | Total Year-to-Date Actual Expenditures |
|---------------------|---------------------|-------------------------------------|------------------------|------------------|-------------------------------|---------|---------|---------------|--|
|                     |                     |                                     |                        |                  | Oct-Dec                       | Jan-Mar | Apr-Jun | Jul-Sep       |  |
| 6700                | ADMSEU              | SEU CONTRACT ADMINISTRATION         | PERSONNEL SERVICES     | 1,158,542        | 202,278                       |         |         |               | 202,278                                |
|                     |                     |                                     | NON-PERSONNEL SERVICES | 30,000           | 75                            |         |         |               | 75                                     |
|                     | <b>ADMSEU Total</b> |                                     |                        | <b>1,188,542</b> | <b>202,353</b>                |         |         |               | <b>202,353</b>                         |
|                     | CRSETF              | COMMUNITY RELATIONS - SETF          | NON-PERSONNEL SERVICES | 14,900           | 199                           |         |         |               | 199                                    |
|                     | <b>CRSETF Total</b> |                                     |                        | <b>14,900</b>    | <b>199</b>                    |         |         |               | <b>199</b>                             |
|                     | NOPROJ              | NO PROJECT INFORMATION              | PERSONNEL SERVICES     | -                | 79                            |         |         |               | -                                      |
|                     | <b>NOPROJ Total</b> |                                     |                        | <b>-</b>         | <b>79</b>                     |         |         |               | <b>-</b>                               |
| <b>6700 Total</b>   |                     |                                     |                        | <b>1,203,442</b> | <b>202,631</b>                |         |         |               | <b>202,631</b>                         |
| 6800                | ADMEA9              | EATF ADMINISTRATION                 | PERSONNEL SERVICES     | 194,060          | 52,823                        |         |         |               | 52,823                                 |
|                     |                     |                                     | NON-PERSONNEL SERVICES | 10,000           | 4,000                         |         |         |               | 4,000                                  |
|                     | <b>ADMEA9 Total</b> |                                     |                        | <b>204,060</b>   | <b>56,823</b>                 |         |         |               | <b>56,823</b>                          |
|                     | LID109              | LIHEAP EXPANSION & ENERGY EDUCATION | PERSONNEL SERVICES     | 545,373          | 104,824                       |         |         |               | 104,824                                |
|                     | <b>LID109 Total</b> |                                     |                        | <b>545,373</b>   | <b>104,824</b>                |         |         |               | <b>104,824</b>                         |
|                     | LID209              | RAD EXPANSION                       | PERSONNEL SERVICES     | 84,208           | 19,309                        |         |         |               | 19,309                                 |
|                     |                     |                                     | NON-PERSONNEL SERVICES | 5,000            | -                             |         |         |               | -                                      |
| <b>LID209 Total</b> |                     |                                     | <b>89,208</b>          | <b>19,309</b>    |                               |         |         | <b>19,309</b> |  |
| LIG109              | RES EXPANSION       | PERSONNEL SERVICES                  | 29,619                 | 7,182            |                               |         |         | 7,182         |  |
| <b>LIG109 Total</b> |                     |                                     | <b>29,619</b>          | <b>7,182</b>     |                               |         |         | <b>7,182</b>  |  |
| <b>6800 Total</b>   |                     |                                     |                        | <b>868,261</b>   | <b>188,139</b>                |         |         |               | <b>188,139</b>                         |
| <b>Grand Total</b>  |                     |                                     |                        | <b>2,071,703</b> | <b>390,771</b>                |         |         |               | <b>390,771</b>                         |

**Attachment 4 – SETF EATF Expenditures by Month  
As of December 31, 2017**

| 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             | 2,000,000         | 64,287              | 69,942           | 70,788         | 205,017           |
|                    | CRSETF         | COMMUNITY RELATIONS - SETF              | 69,900            | -                   |                  | 529            |                   |
|                    | EECSET         | ENERGY EFFICIENCY & CONSERVATION - SETF | 172,512           | -                   |                  | 423            |                   |
|                    | NOPROJ         | NO PROJECT INFORMATION                  | -                 | 79                  |                  | (2,493)        | (2,414)           |
|                    | SEUCTR         | SEU CONTRACT                            | 20,000,000        | (964,335)           | 1,317,661        |                | 353,326           |
|                    | SEURVW         | SEU INDEPENDENT REVIEW OF PERFORMANCE   | 100,000           | -                   | -                |                | -                 |
| <b>6700 Total</b>  |                |   | <b>22,352,212</b> | <b>(899,969)</b>    | <b>1,387,603</b> | <b>69,247</b>  | <b>556,881</b>    |
| 6800               | ADMEA9         | EATF ADMINISTRATION                     | 442,971           | 20,499              | 18,041           | 54,902         | 93,441            |
|                    | LID109         | LIHEAP EXPANSION & ENERGY EDUCATION     | 4,696,029         | 34,409              | 33,473           | 34,039         | 101,922           |
|                    | LID209         | RAD EXPANSION                           | 89,208            | 6,453               | 6,101            | 6,756          | 19,309            |
|                    | LIG109         | RES EXPANSION                           | 29,619            | 2,420               | 2,342            | 2,420          | 7,182             |
| <b>6800 Total</b>  |                |   | <b>5,257,828</b>  | <b>63,781</b>       | <b>59,957</b>    | <b>98,117</b>  | <b>221,855</b>    |
| <b>Grand Total</b> |                |   | <b>27,610,040</b> | <b>(836,188)</b>    | <b>1,447,560</b> | <b>167,364</b> | <b>778,736</b>    |

*Note: Negative expenditure in project SEUCTR is due to prior year accrual reversal.*



**Attachment 6 – REDF All Financial Activity  
As of 12/31/2017**

| <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> |
|------------------|---------------------|------------------------------|----------------------------|-------------------|---------------------|-------------------------------|-------------------------------|----------------------------|---|--------------------------|
| REDF (662)       | BRAND1              | SEU BRANDING GREEN ENERGY DC | NON-PERSONNEL SERVICES     | 80,000            | -                   | -                             | -                             | -                          | -                                       | 80,000                   |
|                  | <b>BRAND1 Total</b> |                              |                            | <b>80,000</b>     | <b>-</b>            | <b>-</b>                      | <b>-</b>                      | <b>-</b>                   | <b>-</b>                                | <b>80,000</b>            |
|                  | NOPROJ              | NO PROJECT INFORMATION       | PERSONNEL SERVICES         | 1,840,371         | 313,985             | -                             | -                             | -                          | 313,985                                 | 1,526,386                |
|                  |                     |                              | NON-PERSONNEL SERVICES     | 1,420,094         | 23,362              | 28,510                        | 45,509                        | -                          | 97,381                                  | 1,322,713                |
|                  | <b>NOPROJ Total</b> |                              |                            | <b>3,260,465</b>  | <b>337,348</b>      | <b>28,510</b>                 | <b>45,509</b>                 | <b>-</b>                   | <b>411,367</b>                          | <b>2,849,099</b>         |
|                  | REDADM              | REDF- ADMINISTRATION         | NON-PERSONNEL SERVICES     | 468,289           | 24,097              | 825                           | 163,611                       | 0                          | 188,534                                 | 279,755                  |
|                  | <b>REDADM Total</b> |                              |                            | <b>468,289</b>    | <b>24,097</b>       | <b>825</b>                    | <b>163,611</b>                | <b>0</b>                   | <b>188,534</b>                          | <b>279,755</b>           |
|                  | REDPGR              | REDF- PROGRAMS               | NON-PERSONNEL SERVICES     | 43,097,675        | 62,385              | 4,357,180                     | 25,549,263                    | 40,000                     | 30,008,828                              | 13,088,846               |
|                  | <b>REDPGR Total</b> |                              |                            | <b>43,097,675</b> | <b>62,385</b>       | <b>4,357,180</b>              | <b>25,549,263</b>             | <b>40,000</b>              | <b>30,008,828</b>                       | <b>13,088,846</b>        |
| <b>662 Total</b> |                     |                              |                            | <b>46,906,429</b> | <b>423,831</b>      | <b>4,386,516</b>              | <b>25,758,383</b>             | <b>40,000</b>              | <b>30,608,729</b>                       | <b>16,297,700</b>        |

**Attachment 7 – REDF Administrative Budget and Expenditures  
As of December 31, 2017**

| Fund              | Project No          | Project Title          | PS/NPS Category        | Budget           | QUARTERLY ACTUAL EXPENDITURES |         |         |         | Total Year-to-Date Actual Expenditures |
|-------------------|---------------------|------------------------|------------------------|------------------|-------------------------------|---------|---------|---------|--|
|                   |                     |                        |                        |                  | Oct-Dec                       | Jan-Mar | Apr-Jun | Jul-Sep |  |
| REDF (662)        | NOPROJ              | NO PROJECT INFORMATION | PERSONNEL SERVICES     | 1,840,371        | 313,986                       |         |         |         | 313,986                                |
|                   |                     |                        | NON-PERSONNEL SERVICES | 14,400           | 3,166                         |         |         |         | 3,166                                  |
|                   | <b>NOPROJ Total</b> |                        |                        | <b>1,854,771</b> | <b>317,152</b>                |         |         |         | <b>317,152</b>                         |
|                   | REDADM              | REDF- ADMINISTRATION   | NON-PERSONNEL SERVICES | 75,000           | -                             |         |         |         | -                                      |
|                   | <b>REDADM Total</b> |                        |                        | <b>75,000</b>    | <b>-</b>                      |         |         |         | <b>-</b>                               |
| <b>REDF Total</b> |                     |                        |                        | <b>1,929,771</b> | <b>317,152</b>                |         |         |         | <b>317,152</b>                         |

**Attachment 8 – REDF Monthly Actual Expenditures by Program  
As of December 31, 2017**

| Agency Fund       | Project Number | Project Title                | BUDGET            | Actual Expenditures |                |                | Total Expenditure |
|-------------------|----------------|------------------------------|-------------------|---------------------|----------------|----------------|-------------------|
|                   |                |                              |                   | October             | November       | December       |                   |
| 662               | BRAND1         | SEU BRANDING GREEN ENERGY DC | 80,000            | -                   | -              | -              | -                 |
|                   | NOPROJ         | NO PROJECT INFORMATION       | 3,260,465         | 103,661             | 104,611        | 129,076        | 337,348           |
|                   | REDADM         | REDF- ADMINISTRATION         | 468,289           |                     | 19,235         | 4,862          | 24,097            |
|                   | REDPGR         | REDF- PROGRAMS               | 43,097,675        |                     | -              | 62,385         | 62,385            |
| <b>REDF Total</b> |                |                              | <b>46,906,429</b> | <b>103,661</b>      | <b>123,846</b> | <b>196,324</b> | <b>423,831</b>    |