

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

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INTRODUCTION

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

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

BACKGROUND

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

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

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

Sustainable Energy Trust Fund

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

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

Energy Assistance Trust Fund

Low-Income Home Energy Assistance Program

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

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

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

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

Program Accomplishments

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

Table 1: LIHEAP Benefit Payments by Ward

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

Table 2: LIHEAP Benefit Payments Quarter 4 Timeline and Milestones

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

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

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

Renewable Energy Development Fund

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

Affordable Solar Program

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

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

Small Business Solar Pilot Program

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

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