

Resolution No.: 18-660
 Introduced: October 18, 2016
 Adopted: November 1, 2016

**COUNTY COUNCIL
 FOR MONTGOMERY COUNTY, MARYLAND**

Lead Sponsor: Council President at the Request of the County Executive

SUBJECT: Supplemental Appropriation 6-S17-CMCG-5 to the FY17 Capital Budget
Montgomery County Government
Department of General Services
Project No. 0507834 Energy Conservation, \$449,250

Background

1. Section 307 of the Montgomery County Charter provides that any supplemental appropriation shall be recommended by the County Executive who shall specify the source of funds to finance it. The Council shall hold a public hearing on each proposed supplemental appropriation after at least one week's notice. A supplemental appropriation that would comply with, avail the County of, or put into effect a grant or a Federal, State or County law or regulation, or one that is approved after January 1 of any fiscal year, requires an affirmative vote of five Councilmembers. A supplemental appropriation for any other purpose that is approved before January 1 of any fiscal year requires an affirmative vote of six Councilmembers. The Council may, in a single action, approve more than one supplemental appropriation. The Executive may disapprove or reduce a supplemental appropriation, and the Council may reapprove the appropriation, as if it were an item in the annual budget.

2. The County Executive recommends the following capital project appropriation increases:

<u>Project Name</u>	<u>Project Number</u>	<u>Cost Element</u>	<u>Amount</u>	<u>Source of Funds</u>
Energy Conservation	0507834	Other	\$449,250	
TOTAL			\$449,250	State Grant

3. This increase is needed because the Department of General Services was awarded competitive funds from the Maryland Energy Administration (MEA) to develop combined heat and power systems at the Montgomery County Correctional Facility (MCCF) and the Public Safety Headquarters (PSHQ). The funding will augment planned projects to enable both facilities to

operate independently of the utility grid while containing long term costs. These projects are key to the County’s partnership with the U.S. Department of Energy under the HCP for Resiliency Accelerator. The goal of the County and the Accelerator is to use proven technologies to enhance the resistance of critical public facilities to power outages from natural or manmade events. The grants for MCCF (\$105,000) and PSHQ (\$344,250) must be used by January 1, 2018.

- 4. The County Executive recommends a supplemental appropriation to the FY17 Capital Budget in the amount of \$449,250 for Project No. 0507834 Energy Conservation, and specifies that the source of funds will be State Grant.
- 5. Notice of public hearing was given and a public hearing was held.

Action

The County Council for Montgomery County, Maryland, approves the following action:

A supplemental appropriation to the FY17 Capital Budget is approved as follows:

<u>Project Name</u>	<u>Project Number</u>	<u>Cost Element</u>	<u>Amount</u>	<u>Source of Funds</u>
Energy Conservation	0507834	Other	\$449,250	
TOTAL			\$449,250	State Grant

This is a correct copy of Council action.



Linda M. Lauer, Clerk of the Council

Energy Conservation: MCG (P507834)

Category: General Government
 Sub Category: County Offices and Other Improvements
 Administering Agency: General Services (AAGE29)
 Planning Area: Countywide
 Date Last Modified: 11/17/14
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	289	23	68	198	33	33	33	33	33	33	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	35	0	35	0	0	0	0	0	0	0	0
Construction	1,239	0	637	702	117	117	117	117	117	117	0
Other	0	0	0	0	449	0	0	0	0	0	0
Total	1,563	23	640	900	599	150	150	150	150	150	0
STATE # I D FUNDING SCHEDULE (\$000s)											
Current Revenue: General	4	0	4	0	0	0	0	0	0	0	0
G.O. Bonds	1,559	23	636	900	150	150	150	150	150	150	0
Total	1,563	23	640	900	599	150	150	150	150	150	0
OPERATING BUDGET IMPACT (\$000s)											
Energy				-242	-42	-40	-40	-40	-40	-40	-40
Net Impact				-242	-42	-40	-40	-40	-40	-40	-40

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	150
Appropriation Request Est.	FY 18	150
Supplemental Appropriation Request		449
Transfer		0
Cumulative Appropriation		689
Expenditure / Encumbrances		235
Unencumbered Balance		427

Date First Appropriation	FY 78
First Cost Estimate	
Current Scope	FY 17 1,563
Last FY's Cost Estimate	1,310

Description

The project supports efforts yielding rapid financial returns to the County or substantial progress towards established environmental goals, such as energy savings, renewable energy installations, greenhouse gas reductions, waste diversion. The County conducted energy assessments and other analysis to identify resource and cost savings opportunities in County facilities that will inform project scheduling. In addition, the County is preparing a comprehensive sustainability plan with specific programs and actions to reduce the environmental footprint of County operations and reduce costs. This project will provide funds to target rapid return on investment energy conservation projects; provide ancillary funds to support the installation of solar photovoltaic systems on County facilities; augment other energy conservation projects (e.g., funding incremental costs of higher efficiency equipment); support energy and sustainability master planning for County facilities and operations; leverage federal, state, local grant funding; and provide funds to leverage public private partnerships and third party resources.

Estimated Schedule

Rotomac Library control upgrades. FY18: Little Falls Library control upgrades.

Change

Change due to funding for FY21-22. *State has identified heat and power systems at Montgomery County Correctional facilities and public head centers.*

Justification

This program is integral to the County's cost-containment efforts. Generally, projects will pay for themselves in one to ten years, with short term initiatives being targeted to reduce pressure on the FY17 and FY18 budgets. The program also funds incremental costs in staff, training, contractor support, analytics and other efforts to allow the County's overall energy and sustainability projects to be more impactful. This program is necessary to fulfill the mandate of the County's building energy design standards (8-14a), Council Bill 2-14 Energy Performance Benchmarking, Council Bill 5-14 Social Cost of Carbon, Council Bill 6-14 Office of Sustainability, and Council Bill 8-14 Renewable Energy Technology. Significant reductions in energy consumption, greenhouse gas emissions, solid waste, water consumption, and maintenance are expected.

Justification

\$300,000 in GO Bonds was transferred to Energy Conservation: MCG (507834) from Silver Spring Civic Building-#159921 (\$100,000), 1301 Piccard Loading Dock-#361205 (\$64,000), Germantown Library Reuse-#500710 (\$51,000), and Montgomery County Government Complex-#360901 (\$87,000)

Justification

These projects will continue indefinitely.

Justification

Energy Conservation Work Program - Energy Star Upgrades, Department of General Services, Department of Environmental Protection