



# Energy Systems Modernization

(P361302)

Category	General Government	Date Last Modified	01/13/21
SubCategory	County Offices and Other Improvements	Administering Agency	General Services
Planning Area	Countywide	Status	Ongoing

## EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY20	Rem FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
Planning, Design and Supervision	23,818	2,327	11,189	10,302	1,717	1,717	1,717	1,717	1,717	1,717	-
Construction	119,081	18,882	48,701	51,498	8,583	8,583	8,583	8,583	8,583	8,583	-
Other	1	1	-	-	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>142,900</b>	<b>21,210</b>	<b>59,890</b>	<b>61,800</b>	<b>10,300</b>	<b>10,300</b>	<b>10,300</b>	<b>10,300</b>	<b>10,300</b>	<b>10,300</b>	<b>-</b>

## FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY20	Rem FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
G.O. Bonds	1,578	39	-	1,539	39	300	300	300	300	300	-
Long-Term Financing	139,125	18,974	59,890	60,261	10,261	10,000	10,000	10,000	10,000	10,000	-
PAYGO	2,197	2,197	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>142,900</b>	<b>21,210</b>	<b>59,890</b>	<b>61,800</b>	<b>10,300</b>	<b>10,300</b>	<b>10,300</b>	<b>10,300</b>	<b>10,300</b>	<b>10,300</b>	<b>-</b>

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 22 Request	10,300	Year First Appropriation	FY13
Cumulative Appropriation	91,400	Last FY's Cost Estimate	142,900
Expenditure / Encumbrances	21,596		
Unencumbered Balance	69,804		

## PROJECT DESCRIPTION

This project provides a means to implement energy savings performance contracting as a mechanism to reduce the County's energy usage and perform strategic facility upgrades with significantly reduced capital costs. These contracts performed by Energy Services Companies (ESCOs) have been used extensively by the Federal government and other State and local jurisdictions to accomplish energy saving retrofits in a variety of facility applications. For each facility proposed, a unique prescriptive energy conservation analysis (audit) is conducted. Savings are associated with each element (energy conservation measure) of the analysis. Ultimately, the compilation of the measures defines the project. Third-party funding (bonds or commercial loans) covers the cost of the contract. A key feature of Energy Savings Performance Contracts (ESPC) is that General Obligation (G.O.) bonds are not required for the contract costs. A financing mechanism is initiated to cover the cost of the contract and the repayment of the debt is guaranteed through the energy savings. G.O. Bonds are required to cover associated staffing costs.

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## ESTIMATED SCHEDULE

Projects are identified and scheduled based on potential energy savings, feasibility, and coordination with other activities at project locations.

## PROJECT JUSTIFICATION

Implementation of this project is consistent with the County's continuing objective to accomplish environmentally friendly initiatives as well as limit the level of G.O. Bonds. The objective of the individual building projects is to permanently lower the County's energy usage, reduce its carbon footprint and save considerable operating expenses.

## OTHER

The proposals outlined in this program are developed in conjunction with the Department of Finance, and the Office of Management and Budget. Financial consultants will be employed to advise and guide decisionmaking. Projects will be implemented based on energy savings potential as well as operational and infrastructure upgrades.

## FISCAL NOTE

A FY17 transfer of \$700,000 in long-term financing to Council Office Building Renovation was approved. Funding switch between long-term financing and G.O. Bonds/PAYGO.

## DISCLOSURES

Expenditures will continue indefinitely.

## COORDINATION

Department of General Services, Department of Finance, and Office of Management and Budget.