FS Emergency Power System Upgrade
(P450700)

Category	Public Safety	Date Last Modified	12/22/17
SubCategory	Fire/Rescue Service	Administering Agency	General Services
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE ($000s)

Cost Elements	Total	Thru FY18	Rem FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	2,817	2,077	260	480	160	160	160	-	-	-	-
Construction	5,331	3,585	426	1,320	440	440	440	-	-	-	-
Other	2	2	-	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	8,150	5,664	686	1,800	600	600	600	-	-	-	-

FUNDING SCHEDULE ($000s)

Funding Source	Total	Thru FY18	Rem FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	8,142	5,656	686	1,800	600	600	600	-	-	-	-
Current Revenue: General	8	8	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	8,150	5,664	686	1,800	600	600	600	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA ($000s)

Appropriation FY 20 Approp. Request	600	Year First Appropriation	FY07
Cumulative Appropriation	6,950	Last FY's Cost Estimate	8,150
Expenditure / Encumbrances	5,812		
Unencumbered Balance	1,138		

PROJECT DESCRIPTION

This project involves design and installation of emergency generators in fire and rescue facilities. This project will provide continuous operation of emergency equipment; heating, ventilation and air conditioning; lighting; security system, and fire alarm. All installations will be managed by the Department of General Services.

ESTIMATED SCHEDULE

Twenty-nine station projects completed through FY17. Eight stations will be completed through FY 21.

PROJECT JUSTIFICATION

The emergency power backup systems are essential for full facility operation in the event of power failure and especially during a large scale disaster situation. Each fire station requires full power to support emergency operations, shelter for professional emergency responders, and essential disaster management operations. Most of the listed facilities are not equipped to meet operational needs during a long-term power outage. Careful evaluation resulted in the determination that most fire stations need to upgrade the size of their systems, while others need to reconstruct their emergency power electrical systems. This project allows facilities to continuously function at a normal power level during long-term power outages. An assessment study was prepared on December 22, 2004 by Montgomery County Fire and Rescue Service.

COORDINATION

Montgomery County Fire and Rescue Service, Local Volunteer Fire and Rescue Departments, Department of General Services, Department of Permitting Services.