

# FS Emergency Power System Upgrade (P450700)

Category                    Public Safety  
 Sub Category            Fire/Rescue Service  
 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
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,521	1,566	155	800	160	160	160	160	160	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	5,619	2,999	420	2,200	440	440	440	440	440	0	0
Other	10	2	8	0	0	0	0	0	0	0	0
<b>Total</b>	<b>8,150</b>	<b>4,567</b>	<b>583</b>	<b>3,000</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>0</b>

### FUNDING SCHEDULE (\$000s)

Current Revenue: General	8	8	0	0	0	0	0	0	0	0	0
G.O. Bonds	8,142	4,559	583	3,000	600	600	600	600	600	600	0
<b>Total</b>	<b>8,150</b>	<b>4,567</b>	<b>583</b>	<b>3,000</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>0</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	540
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,810
Expenditure / Encumbrances		5,283
Unencumbered Balance		527

Date First Appropriation	FY 07	
First Cost Estimate		
Current Scope	FY 17	8,150
Last FY's Cost Estimate		7,550

#### **Description**

This project involves installation of emergency generators in 29 fire and rescue facilities. This project will provide continuous operation of emergency equipment, HVAC, emergency lighting, security system, and fire alarm. All installations will be managed by the Department of General Services.

#### **Estimated Schedule**

Twenty Fire Stations completed through FY15. The last nine stations will be completed through FY21.

#### **Cost Change**

Change due to adding funding for FY 21.

#### **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 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. 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.