

Energy Conservation

The \$7.8 million Energy Conservation program is funded with General, Civic Plaza, Wastewater and Water operating funds. This program includes projects to continue the city's energy conservation and cost reduction efforts at various city facilities.

The city's Energy Conservation program has been in place for more than 20 years. Through the program's efforts in addressing energy efficient retrofits, energy efficient design and management, metering for efficient operations and implementation of new technology, the annual cost savings average \$250,000.

2005-2010 CAPITAL IMPROVEMENT PROGRAM

Energy Conservation
Capital Improvement Program Summary

Project Summary	2005-06	2006-07	2007-08	2008-09	2009-10	Total
Energy Projects	\$ 2,642,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,388,000	\$ 7,780,000
Total	\$ 2,642,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,388,000	\$ 7,780,000
Source of Funds						
Operating Funds						
General Funds	\$ 900,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 3,900,000
Civic Plaza	1,242,000	-	-	-	138,000	\$ 1,380,000
Wastewater	300,000	300,000	300,000	300,000	300,000	\$ 1,500,000
Water	200,000	200,000	200,000	200,000	200,000	\$ 1,000,000
Total Operating Funds	\$ 2,642,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,388,000	\$ 7,780,000
Total Sources of Funds	\$ 2,642,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,388,000	\$ 7,780,000

City of Phoenix, Arizona
2005-2010 Capital Improvement Program
Energy Conservation

<i>Project No.</i>	<i>Project Title</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>	<i>Total</i>
PW34030013	ENERGY CONSERVATION - GENERAL FUND	Function: Energy Projects			District: Citywide		
Provide General funds for citywide energy conservation projects including efficient lighting, energy efficient chillers, electric meters and energy management temperature control systems.							
Construction		900,000	750,000	750,000	750,000	750,000	3,900,000
Project Total		\$900,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,900,000
General Fund		900,000	750,000	750,000	750,000	750,000	3,900,000
Funding Total		\$900,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,900,000
PW34030014	ENERGY CONSERVATION - WASTEWATER	Function: Energy Projects			District: Citywide		
Provide Wastewater funds for energy conservation projects including efficient lighting, energy efficient chillers, electric meters and energy management temperature control systems.							
Construction		300,000	300,000	300,000	300,000	300,000	1,500,000
Project Total		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Wastewater Revenues		300,000	300,000	300,000	300,000	300,000	1,500,000
Funding Total		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
PW34030015	ENERGY CONSERVATION - WATER PRODUCTION	Function: Energy Projects			District: Citywide		
Provide Water funds for energy conservation projects including efficient lighting, energy efficient chillers, electric meters and energy management temperature control systems.							
Construction		200,000	200,000	200,000	200,000	200,000	1,000,000
Project Total		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Water Revenues		200,000	200,000	200,000	200,000	200,000	1,000,000
Funding Total		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
PW34030016	ENERGY CONSERVATION - CIVIC PLAZA	Function: Energy Projects			District: Citywide		
Provide Civic Plaza funds for energy conservation projects including efficient lighting, energy efficient chillers, electric meters and energy management temperature control systems.							
Construction		1,242,000	-	-	-	138,000	1,380,000
Project Total		\$1,242,000	-	-	-	\$138,000	\$1,380,000
Civic Plaza Operating		1,242,000	-	-	-	138,000	1,380,000
Funding Total		\$1,242,000	-	-	-	\$138,000	\$1,380,000