## Chiller Replacement at Vassar B. Carlton Historic Courthouse- Article V

Dept: Judicial Support

**Program:** Court Facilities

Project Total: \$ 180,000

**Project Description** 

Replace chiller. Existing 100-ton chiller is at the end of its useful life and fails weekly. Replacement of the existing chiller with a 120-ton chiller will increase the ice storage for the thermal energy storage (TES) system, allowing sufficient ice storage to maintain cool temperatures during hot summer months.

Replacement will be performed by the contractor under the HVAC Maintenance Term Contract.

## **Service Impact**

The chiller provides cooling to the entire courthouse. When the stored ice is depleted during the hot weather months, savings generated from FPL's off-peak hours discounted rate is lost. Operating during off-peak hours results in lost savings of approximately \$1,000 monthly.



**Project Milestones** 

Project Manager: Steve Barnes

Funded Program #:

Projected Revenue	All Prior Fiscal Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 & Future	Total Revenue	
General Revenue	\$	\$	\$ 180,000	\$	\$	\$	\$	\$ 180,000	
	\$	\$	\$	\$	\$	\$	\$	\$	
	\$	\$	\$	\$	\$	\$	\$	\$	
	\$	\$	\$	\$	\$	\$	\$	\$	
	\$	\$	\$	\$	\$	\$	\$	\$	
Total Revenue	\$	\$	\$ 180,000	\$	\$	\$	\$	\$ 180,000	
Projected Expenses	All Prior Fiscal Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22 & Future	Total Costs	
Land	\$	\$	\$	\$	\$	\$	\$	\$	
Planning/Design	\$	\$	\$	\$	\$	\$	\$	\$	
Construction	\$	\$	\$ 180,000	\$	\$	\$	\$	\$ 180,000	
Other	\$	\$	\$	\$	\$	\$	\$	\$	
Total Expense	\$	\$	\$ 180,000	\$	\$	\$	\$	\$ 180,000	
Operating Expenditures (Savings)									

Operating Expenditures (Savings)	FY 17		FY 18	FY 19	FY 20	FY 21	FY 22 & Future	Tota	Impact
Personnel	\$	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$	0
Operating	\$	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$	0
Capital	\$	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$	0
Debt Service	\$	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$	0
Total Impact	\$	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$	0