Capital Improvement Program - Maintenance

FY 2024-2025

Maintenance Project Title:	Substation Intrusive Maintenance Work	Munis Project Code:	EUCP-23001		#245
Section I:Description	**District Nos:**	**Citywide**	**Project Length**	Ongoing	**Priority**	Normal

Substation maintenance including but not limited to: substation power transformer testing; DGA oil testing for power transformers and load tap changers (LTCs) and materials/equipment not covered or tracked as part of a specific project. Also provides for LTC testing in year five (5) of the cycle and other miscellaneous substation maintenance and improvement projects to address access, safety and security.

Justification/factor driving project

Provides more accurate tracking and record keeping for annual reports and maintenance records. Will provide critical information on transformer condition and lifespan for furure replacement planning. Provides for a five (5) year cycle of LTC inspections and addresses miscellaneous facility improvements.

Additional Information

Provides a schedule for complete testing of two (2) substation power transformers per year for four (4) years and a year of reprieve. Year five (5) of the cycle can be utilized for LTC inspections. Improves substation facilitiy safety and security by adding concrete walkways, switch grounding pads, security cameras, lighting, and replacing old fixtures inside control room and perimeter lighting. FY 25 MY adjustments to account for Henning emergency breaker replacement and Killelea transformer testing.

Section II	Estimated Project Costs								
Expenditure	**Prior Years**	**FY 23/24 Estimate**	**FY 24/25 Budget**	**FY 25/26**	**FY 26/27**	**FY 27/28**	**FY 28/29**	**Future Yrs**	**Total**
Internal Staff	$ 154,683	$ 40,000	$ 140,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	**$ 459,683**
Miscellaneous	$ 147,586	$ 40,000	$ 125,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	**$ 437,586**
Contracts	$ -		$ 37,500						**$ 37,500**
Total Capital Costs	**$ 302,270**	**$ 80,000**	**$ 302,500**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 934,770**

Section III	Funding Sources/Methods of Financing								
Funding Source(s)	**Prior Years**	**FY 23/24 Estimate**	**FY 24/25 Budget**	**FY 25/26**	**FY 26/27**	**FY 27/28**	**FY 28/29**	**Future Yrs**	**Total**
501 - EU Outlay Capital Reserve Fund	$ 302,270	$ 80,000	$ 302,500	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	**$ 934,770**
Total Project Financing	**$ 302,270**	**$ 80,000**	**$ 302,500**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 934,770**