

# EXECUTIVE BRIEF REGULAR MEETING

**AGENDA DATE:** January 4, 2022

**TITLE:**

Agreement with Siemens Energy, Inc. for the purchase of 145kV high voltage breakers

**SUMMARY:**

The Agreement with Siemens Energy, Inc. (Siemens), authorizes Siemens to provide 145kV high voltage breakers for use at the City's new 138kV Canal Transmission Switchyard at a cost not to exceed \$503,600. The 145kV high voltage breakers have been identified as critical components for the City's electric utility System Hardening and Reliability Improvement Projects (SHRIP) and for which bonds were sold in November 2020.

**BACKGROUND AND JUSTIFICATION:**

In 2021, the City issued Invitation to Bid (IFB 21-209) for the procurement of 145kV high voltage breakers for use at the City's new 138kV Canal Transmission Switchyard. A total of two (2) bids were received and evaluated. Siemens was found to be the most responsive and responsible bidder and was recommended for the award. The Term of the Agreement is for three (3) years, with two (2) single-year renewal options with a not-to-exceed value of \$503,600.

Over the past year the Electric Utility has been working with engineering teams from Power Engineers and FP&L on the design and material procurement for the new 138kV Canal Transmission Switchyard. The 145kV breakers will be utilized in conjunction with substation relays as protection and control devices on the high voltage system.

To continue with the SHRIP program, the City is requesting the purchase of ten (10) 145kV high voltage breakers to be installed at the new 138kV Canal Transmission Switchyard.

**MOTION:**

Move to approve/disapprove the Agreement with Siemens Energy, Inc. for the purchase of 145kV high voltage breakers at a cost not to exceed \$503,600.

**ATTACHMENT(S):**

Fiscal Impact Analysis  
Agreement

**FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

<b>Fiscal Years</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
Capital Expenditures	\$503,600	0	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	0	0	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
<b>Net Fiscal Impact</b>	<b>\$503,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>No. of Addn'l Full-Time Employee Positions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**B. Recommended Sources of Funds/Summary of Fiscal Impact: Funds have been identified in account No. 421-6034-531-63.16, Project SH2001.**

Account Number	Account Description	Project Number	FY22 Budget	Current Balance	Budget Transfer	Agenda Expenditure	Balance
421-6034-531-63.16	Improve Other than Build / Infrastructure	SH2001	\$6,443,513	\$5,744,827		\$503,600	\$5,241,227