



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: March 4, 2024

Re: Authorizing a software lease agreement with Siemens Industry, Inc. for the use of the Power Systems Simulator for Engineering software for Transmission Planning.

## Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute software lease agreement with Siemens Industry, Inc. for the Power Systems Simulator for Engineering (PSSE) software for Transmission Planning. This software is required to participate in various Transmission Planning studies conducted by the Southeast Reliability Corporation (SERC) and the Midcontinent Independent System Operator (MISO). These transmission studies are mandated reliability standards promulgated by the North American Electric Reliability Corporation (NERC) for Transmission Planning. This agreement provides for a 3-year software use agreement at an annual cost of \$45,514.00 per year.

## Discussion

Columbia Water and Light is required to participate in short-term and long-term Transmission Planning studies with both SERC and MISO as a result of being registered as a Transmission Planning (TPL) entity under the NERC Reliability Standards. The PSSE software is required for participation and integration in both the SERC and MISO transmission planning studies. This software was previously available for lease at an hourly rate from Siemens Industry Inc., but those terms have been discontinued and a full software license is now required for use of the PSSE software.

This agreement provides for a 3-year lease agreement with Siemens Industry Inc. for the use of the PSSE software at an annual rate of \$45,514.00 per year for a three-year total of \$136,542.00.

## Fiscal Impact

Short-Term Impact: \$45,514.00 for FY24

Long-Term Impact: \$91,028.00 for the remaining two years.

## Vision & Strategic Plan Impact

### [Strategic Plan Impacts:](#)

Primary Impact: Reliable Infrastructure, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

### [Comprehensive Plan Impacts:](#)

Primary Impact: Infrastructure, Secondary Impact: Inter-Governmental Cooperation, Tertiary Impact: Not Applicable



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

## Legislative History

Date	Action
	N/A

## Suggested Council Action

Approval of the resolution.