



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: October 2, 2017

Re: Agreement to Establish Data Link with Midcontinent Independent Transmission System Operator, Inc.

Executive Summary

Staff has prepared for Council consideration an ordinance authorizing the City Manager to execute an agreement with the Midcontinent Independent Transmission System Operator, Inc. (MISO) for continued exchange of information regarding the status of the electric transmission system.

Discussion

MISO was formed to engage in the business of controlling and operation the electric systems that are owned by several different utilities, coordinating transmission customer energy transfers, and being responsible for transmission and generation planning. In order to perform this function, MISO requires that the City of Columbia engage in a real-time information exchange between the City and MISO. This exchange is accomplished over established redundant data communication paths ("Data Link"). These data communications paths establish a link between the Energy Management Systems (EMS) of MISO and the City. This agreement specifies the acceptable use of these "Data Link" data paths.

Fiscal Impact

Short-Term Impact: None.

Long-Term Impact: None.

Strategic & Comprehensive Plan Impacts

[Strategic Plan Impacts:](#)

Primary Impact: Infrastructure, Secondary Impact: Economy, Tertiary Impact: Operational Excellence

[Comprehensive Plan Impacts:](#)

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



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Legislative History

Date	Action
None	None

Suggested Council Action

Authorize the City Manager to execute the agreement with MISO, Inc. to continue exchange of information.