



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: December 6, 2021

Re: Final Integrated Electric Resource and Master Plan and Task Force Reports

Executive Summary

Siemens Industry, Inc. has completed an Integrated Electric Resource and Master Plan, and the Integrated Electric Resource and Master Plan Task Force has completed an accompanying report for Council's consideration.

Discussion

The Integrated Electric Resource and Master Plan Task Force has been working with Siemens Industry, LLC to develop an electric integrated resource plan and an infrastructure master plan. Siemens has delivered the final report, and the Task Force has prepared an accompanying report with their recommendations for Council's consideration.

Staff will use both the resource and master plans as guides for future decisions regarding power supply and electric infrastructure investments, which will require future Council actions.

The electric cost of service study is on-going and will incorporate information developed as part of the resource and master planning process. The cost of service study will be presented to Council, once completed.

Fiscal Impact

Short-Term Impact: Per the agreement and amendments with Siemens Industry, Inc. the project cost is \$831,741.00.

Long-Term Impact: Future fiscal impacts will vary depending on options selected and approved by Council to be implemented.

Strategic & Comprehensive 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: Not applicable, Tertiary Impact: Not Applicable

Legislative History



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Date	Action
06/21/2021	B170-21A An ordinance authorizing Amendment No. 2 to the agreement for Professional Services for the development of an Integrated Resource and Master Plan.
10/19/2020	B281-20 An ordinance authorizing Amendment No. 1 to the agreement for Professional Services for the development of an Integrated Resource and Master Plan.
09/03/2019	B243-19A An ordinance authorizing agreements for professional services with Horizons Energy LLC and Siemens Industry, Inc. for the development of an Integrated Electric Resource Plan, an Electric Master Plan, and Electric Cost of Service Study.
11/19/2018	R184-18 Approving the scope of work to be used for the solicitation of qualified consultants to assist in the development of an Electric Integrated Resource Plan, Master Plan, and Cost of Service Analysis.
03/19/2018	R36-18 Establishing an Integrated Electric Resource and Master Plan Task Force.
01/02/2018	REP1-18 Integrated Electric Resources & Master Planning

Suggested Council Action

Report is for informational purposes, no Council action is required.