



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: May 21, 2018

Re: Public Hearing for 2018 Renewable Energy Report

Executive Summary

This is a Public Hearing for the 2018 Renewable Energy Report. The renewable energy mandate passed by voters in 2004 and modified by council in 2013 requires that each year prior to February 1, Columbia Water & Light publicly release a report outlining compliance with the ordinance. This year's report provides details on the amount of renewable energy provided, descriptions of projects and the forecast for the 2018 portfolio. Staff reports that 15.70% of all energy source for 2017 electric retail sales was provided by the 2018 renewable portfolio, exceeding the goal of 5%.

The 2018 Renewable Energy Report was publicly released by January 30, 2017. It has been reviewed by the Water & Light Advisory Board and the Energy & Environment Commission. Ordinance requires a public hearing and a vote to approve the report.

Discussion

Columbia Water & Light has been pursuing renewable energy sources since the mandate was passed by voter approval in 2004. The following is a list of the renewable energy quantities for 2017:

- Bluegrass Ridge Wind ---- 1.12%
- Crystal Lake Wind -----11.22%
- Columbia Landfill Gas---- 1.42%
- Jefferson City Landfill Gas1.82%
- Photovoltaic----- 0.12%

Renewable Energy Total: 183,785 megawatt hours or 15.70%

As outline in Section 27-106(b) of the Renewable Energy Standard ordinance, renewable energy cannot cause electric rates to increase more that 3% above what rates would be with non-renewable energy. Based on the methodology detailed in the Renewable Energy Report, current renewable energy resources have 70.3% of the allowed impact or 2.1% impact on rates.

As required by the Ordinance, the report has been review by the Water & Light Advisory Board and the Energy & Environment Commission. Their comments are included with this memo

Fiscal Impact



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Short-Term Impact: NA

Long-Term Impact: NA

Strategic & Comprehensive Plan Impact

[Strategic Plan Impacts:](#)

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

[Comprehensive Plan Impacts:](#)

Primary Impact: Environmental Management, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Legislative History

Date	Action

Suggested Council Action

Submitted to the city council for approval following a public hearing.