



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: May 7, 2018

Re: Setting a Public Hearing for the 2018 Renewable Energy Plan and Report

Executive Summary

Staff has prepared for Council consideration a resolution setting a public hearing for May 21 for consideration and approval of the 2018 Renewable Energy Plan contained in the 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 plan detailing a proposal for how the City will comply with the requirements of Section 27-106 of the City Code. The Report contains the plan required by City Code. 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 15%.

The 2018 Renewable Energy Plan and Report was publicly released by January 30, 2018. It has been reviewed by the Water & Light Advisory Board and the Energy & Environment Commission. Section 27-106(e) requires a public hearing and a vote by City Council 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 outlined in Section 27-106(b) of the City Code, 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 Plan and Report, current renewable energy resources have 70.3% of the allowed impact or 2.1% impact on rates.

As required by the City Code, 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

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: Not applicable, Tertiary Impact: Not Applicable

Legislative History

Date	Action
08/16/2004	Ordinance No. 018196 passed by the City Council calling for an election on renewable energy standards.
11/02/2004	Voters approve Ordinance No. 018196.
01/06/2014	Ordinance No. 021935 passed by the City Council to increase the renewable energy standards in City Code Section 27-106.

Suggested Council Action

Council to hold a public hearing for approval of the 2018 Renewable Energy Plan and Report.