



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: March 18, 2019

Re: Appropriation of funds for repair of Landfill Gas Generator #3

## Executive Summary

Staff has prepared for Council consideration an ordinance appropriating funds from Capital Improvement Project E0175 for the construction of Landfill Gas Generator #4, which is not ready to go forward at this time, to the Electric Landfill Gas Nonrecurring Contractual account for the repair of Landfill Gas Generator #3, which was damaged in a fire in December 2018. The estimated amount to complete the repairs to the generator is \$250,000.

## Discussion

In the early morning hours of December 8, 2018, a small diameter lubricating oil line on Landfill Gas Generator Engine #3 failed, spraying oil on a hot exhaust manifold on the engine. The oil ignited and the fire spread to a rubber coupler connecting the engine to the generator. Eventually, the fire alarm in the building was activated, which turned off the plant and summoned the Fire Department who extinguished the fire. The engine coupler was totally destroyed along with nearby wiring and various parts on the engine. The generator suffered heavy damage. Extensive smoke damage occurred throughout the building, portions of the wiring within the building and building insulation were destroyed. The entire building required through cleaning and repainting. Parts of the building insulation and wiring need to be replaced. Various parts on the engine require replacement along with the coupler, generator, and generator control wiring. The estimated amount to complete these repairs is \$250,000.

As part of the FY2018 budget, Capital Improvement Project E0175 (Landfill Gas Generator #4) received \$1,600,000 appropriated from the sale of electric revenue bonds in 2015. This project is to install Landfill Gas Generator #4. The construction of Landfill Gas Generator #4 is not ready to go forward at this time. Staff is requesting to transfer \$250,000 from this Capital Improvement Project to the Electric Landfill Gas Nonrecurring Contractual account for the repair of Landfill Gas Generator #3. When the construction of Landfill Gas Generator #4 is ready to move forward, staff will request to re-appropriate \$250,000 from an electric contingency account or fund balance to return the funding to Capital Improvement Project E0175.

## Fiscal Impact

Short-Term Impact: Staff is proposing to transfer \$250,000 from Capital Improvement Project E0175 to an Electric Landfill Gas Nonrecurring Contractual account to make the necessary repairs to Landfill Gas Generator #3.



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Long-Term Impact: None

## Strategic & Comprehensive Plan Impact

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

Primary Impact: 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

Date	Action
None	None

## Suggested Council Action

Approval of the \$250,000 appropriation of funds for repair of Landfill Gas Generator #3.