

**City of Minneapolis**  
**Request for Committee Action**

**To:** Transportation & Public Works  
**Date:** 12/1/2015  
**From:** Public Works Department  
**Prepared by:** Brendon Slotterback, Corey Conover, Steve Mosing, Jon Wertjes  
**Presented by:** Jon Wertjes, Director, Traffic and Parking Services  
**File type:** Action  
**Subcategory:** Staff Direction

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**Subject:**  
Xcel Energy Light Emitting Diode (LED) Rate Tariff

**Description:**  
Approving the attached letter to Public Utilities Commission regarding the Xcel Energy LED Rate Tariff.

**Previous Actions:**  
November 5, 2015 - letter to the PUC from Director of Public Works, Steven Kotke, requesting additional time for the city to review and submit comments regarding this matter.

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**Ward/Address:**  
All Wards

**Background/Analysis:**  
On October 15, 2015, Xcel Energy submitted a petition to the Minnesota Public Utilities Commission regarding the established of the Light Emitting Diode (LED) Street Lighting Rate, Docket No. E002/M-15-920. This petition is attached and is located at:  
[http://www.xcelenergy.com/Partners/Municipalities/Outdoor\\_Lighting/Community-Wide\\_LED\\_Street\\_Lighting\\_Upgrades](http://www.xcelenergy.com/Partners/Municipalities/Outdoor_Lighting/Community-Wide_LED_Street_Lighting_Upgrades)

In summary, this Docket petition seeks to establish a rate tariff for Xcel Energy's company owned LED fixtures. Xcel has proposed LED wattage equivalent fixtures to their existing High Pressure Sodium (HPS) fixtures as follows:

**Table 1 LED Streetlight Wattage**

HPS Wattage	LED Wattage Equivalent
100W	39W
150W	65W
250W	155W
400W	246W

A City project team consisting of the Sustainability Office, City Attorney Office, Regulatory Services and Public Works Department has reviewed the petition and developed comments and questions. Prior to this submittal of this petition, City staff and Xcel Energy representatives had several meetings.

The City project team has developed the attached letter identifying questions and comments related to the petition. In summary:

- The City supports providing better street lighting that can result in many benefits to our citizens and visitors.
- The City looks forward to partnering with Xcel Energy to bring the public added benefits that LED can provide.
- Xcel Energy has made numerous efforts to analyze and put forth this rate case. The City greatly appreciates Xcel Energy's time and efforts in filing the petition.

The specific comments and questions seek to obtain further information that will allow the City to understand the Docket and take subsequent actions. The specific comments and questions are in three categories as follows:

- Fixture Details and Selection – This category includes topics related to lumen output, Kelvin rating, LED Pilot results, fixture specifications and pricing, technical data and testing conducted, illumination performance, brightness, appearance, visibility, etc.
- Proposed Rate Calculations – The proposed rates are influenced by several elements that include topics of lifecycle and warranty, maintenance savings, energy savings, incremental capital costs, pre-pay option, underground rate, format similar to the approved Minnesota Power tariff, and fuel clause.
- Process and Miscellaneous Items – These questions include topics of voluntary service, opting-in process, proposed 5-year conversion timeline and the tentative plan.

The City project team seeks authorization to submit this attached letter with the comments and questions to the PUC.

**Financial Review:**

**No additional appropriation required, amount included in current budget.**

**Attachments:**

1. DRAFT City letter dated December 1, 2015 to PUC providing City comments and questions
2. Xcel Energy petition dated October 15, 2015; Docket No. E002/M-15-920
3. Public Works Director letter dated November 5, 2015 to PUC requesting time extension