

STATE OF SOUTH DAKOTA  
BEFORE THE  
SOUTH DAKOTA PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE PETITION OF  
NORTHERN STATES POWER COMPANY  
FOR APPROVAL OF CHANGES TO THE  
STREET LIGHTING ENERGY SERVICE  
TARIFF TO INCLUDE NEW INSTALLATIONS  
IN THE CUSTOMER-OWNED LIGHT  
EMITTING DIODE (LED) STREET LIGHTING  
RATE

DOCKET No. EL17-\_\_

**PETITION**

Northern States Power Company, doing business as Xcel Energy moves the Commission for an order adopting the attached tariff sheet revision for the reasons stated hereunder.

**I. REPORT OF PROPOSED TARIFF CHANGES**

The information in this filing is consistent and being provided in accordance with the requirements of South Dakota Administrative Rule 20:10:13:26 – Report to Commission of proposed tariff schedule changes.

**(1) Name and Address of the Public Utility**

Northern States Power Company doing business as:  
Xcel Energy  
500 West Russell  
Sioux Falls, SD 57104  
(605) 339-8350

**Name, Address, and Telephone Number of Responsible Utility Employee**

Steve Kolbeck  
Principal Manager  
500 West Russell  
Sioux Falls, SD 57104  
(605) 339-8350

We request that all communications regarding this proceeding, including data requests, also be directed to:

Carl Cronin  
Regulatory Administrator  
Xcel Energy Services Inc.  
414 Nicollet Mall, 401-07  
Minneapolis, MN 55401  
Regulatory.Records@xcelenergy.com

Steve Kolbeck  
Principal Manager  
Xcel Energy  
500 West Russell  
Sioux Falls, SD 57104  
Steven.t.Kolbeck@xcelenergy.com

**(2) Section and Sheet Number of the Tariff Schedule**

The following tariff sheets are proposed to be changed or added:

**South Dakota Electric Rate Book – SDPUC No.**

2 Street Lighting Energy Service Rate Code E31

Section No. 5

6<sup>th</sup> Revised Sheet No. 58

**(3) Description of the Tariff Change**

The existing tariff states that the LED Lamp of any Wattage per Watt rate is only available for existing installations. The Company is proposing to delete the limitation on availability so that any qualifying LED installation can take service under the LED Lamp of any Wattage per Watt rate.

**(4) Reason for the Change**

The Street Lighting Energy Service (Rate Code E31, Group IV) is a non-metered rate. Presently the tariff only permits LED lamps of any Wattage per Watt for existing installations. This filing would delete the limitation on availability so that any qualifying LED installation can take service under the LED Lamp of any Wattage per Watt rate as of January 1, 2016.

The main reason for this modification is to accommodate the City of Sioux Falls as they are installing LED lighting, but they will not be moving to a new metered installation process until January 1, 2018. Deleting the limitation on availability so that any qualifying LED installation can take service under the LED Lamp of any Wattage per Watt rate allows the City of Sioux Falls to continue to install LED technology until they switch to the metered installation process.

**(5) Present Rate**

The existing rate for these unmetered luminaires is documented on the tariff sheet

included in this filing as Attachment 1. The present tariff provides a monthly flat rate for five specific high pressure sodium lighting technologies, one Mercury vapor technology, and one LED light option for existing installations only.

This petition would strike the (1) notation after LED lamp of any Wattage per Watt so that this rate would be available to new installations as well. The rate of \$0.0307 would stay the same.

**(6) Proposed Rate**

The proposed rate of \$0.0307 would be the same for new or existing installations.

**(7) Proposed Effective Date of Modified Rate**

The Company would respectfully request the LED Street Lighting System Service Tariff option become effective and available on the date of a Commission Order approving this petition and would be retroactive back to January 1, 2016.

**(8) Approximation of Annual Amount of Increase or Decrease in Revenue**

Not applicable.

**(9) Points Affected**

This petition and proposed change will primarily affect street lighting within the City of Sioux Falls as they are Xcel Energy's only South Dakota customer utilizing this rate at the present time. In total, there are 36 LED lights that have yet to be billed out. All of these 36 LED lights were installed in the 2016 calendar year.

**(10) Estimation of the Number of Customers Whose Cost of Service Will be Affected and Annual Amounts of Either Increases or Decreases, or Both, in Cost of Service to Those Customers**

This proposal principally affects only one customer known collectively as the City of Sioux Falls.

**(11) Statement of Facts, Expert Opinions, Documents and Exhibits to Support the Proposed Changes**

We provide the proposed tariff sheet in legislative format as Attachment 1 to this filing.

Following is the tariff sheet containing the modifications necessary to implement the additional LED rate:

**South Dakota Electric Rate Book – SDPUC**  
**No. 2** Street Lighting Energy Service Rate Code  
E31 Section No. 5  
5<sup>th</sup> Revised Sheet No. 58

## **CONCLUSION**

Xcel Energy respectfully requests that the Commission approve the Company's proposed tariff change for the non-metered customer-owned LED street lighting rate to include new installations. This change will allow the City of Sioux Falls, and other customers who may utilize this tariff in the future, to install new LED technology in accordance with the existing tariff until they meter all new installations starting on January 1, 2018.

Dated: January 31, 2017

Northern States Power Company