



2302 Great N. Drive
Fargo, North Dakota 58102
dave.sederquist@xcelenergy.com

October 15, 2015

- Via Email and Federal Express -

Darrell Nitschke, Executive Director
North Dakota Public Service Commission
State Capitol Building, Dept 408
600 East Boulevard
Bismarck, ND 59505-0480

RE: LIGHT EMITTING DIODE (LED) STREETLIGHT RATE PETITION
CASE NO. PU-15-___

Dear Mr. Nitschke:

Northern States Power Company, doing business as Xcel Energy, respectfully submits an original and 10 copies of our LED Streetlight Rate Petition.

The development of this rate was in response to increasing customer interest in LED street lighting options. The Company is pleased to offer our customers greater optionality with this new voluntary rate offering, as well as the potential to reduce bills, achieve greater efficiency, and improve lighting quality.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads 'David H. Sederquist'.

DAVID H. SEDERQUIST
Sr. Consultant, Regulation & Finance

Enclosures
cc: Mike Diller
John Hamre

STATE OF NORTH DAKOTA
BEFORE THE
PUBLIC SERVICE COMMISSION

Julie Fedorchak	Chair
Brian Kalk	Commissioner
Randy Christmann	Commissioner

IN THE MATTER OF THE PETITION OF
NORTHERN STATES POWER COMPANY
FOR APPROVAL OF A LIGHT EMITTING
DIODE (LED) STREETLIGHT RATE

CASE NO. PU-15____

PETITION

INTRODUCTION

Pursuant to ND Century Code 49-05-05, Northern States Power Company, doing business as Xcel Energy, submits to the North Dakota Public Service Commission this Petition for approval of the addition of a Light Emitting Diode (LED) option to our existing Company-owned street lighting rate.

Since the implementation of an LED pilot project in West St. Paul, Minnesota, we have heard from a number of our municipal customers that they are interested in LED street lighting options. We are therefore pleased to offer this voluntary service to our North Dakota street lighting customers, which has the potential to:

- reduce bills,
- decrease maintenance and other expense allocations,
- achieve greater energy efficiency, and
- improve lighting quality.

A typical street lighting customer in North Dakota may see an average monthly savings of four to five percent on their bill by switching to the LED street lighting service.¹ This service will be available for all Company-owned streetlight wattage options, so that the majority of our Company-owned high pressure sodium (HPS) streetlights in North Dakota could be converted to this LED rate within the next five years.

¹ The majority of cobra-head streetlights in North Dakota are 100W and 150W in size, which result in the highest monthly savings potential.

This rate would be an addition to our existing Street Lighting System Service, introducing LED fixture options at the 100-Watt, 150-Watt, 250-Watt, and 400-Watt equivalent levels, and therefore requires a change to our tariff. The rates proposed in this LED Street Lighting Service Tariff incorporate the maintenance and other expense allocation cost savings achieved by replacing existing HPS fixtures with LEDs, and will result in an overall bill reduction for customers. We believe this service is in the public interest, and reflects just and reasonable rates which respond to increasing customer interest in LED street lighting options.

Our experience with the pilot project, as well as a technical review of the cobra-head style LED fixtures, determined that the LED fixtures met our reliability and performance standards. The rate design for the proposed LED Streetlight Rate, described in detail later in this Petition, is based on our existing Commission-approved Street Lighting System Service Tariff, Sheet No. 5-60, 6th Revision in the North Dakota Electric Rate Book.

We respectfully request that the Commission approve the Company's proposed tariff, including the proposed monthly rates and the terms and conditions of service. This Petition provides background on the pilot project and scoping of the rate offering, a description of the proposed tariff and rate design, and a proposal for making the LED street lighting system service available to customers in our North Dakota service territory.

The following attachments are included with this Petition:

- Attachment A: LED Street Lighting System Service Rate Design
- Attachment B: LED Street Lighting System Service Tariff Sheet
- Attachment C: LED Street Lighting Service Bill Mockup

I. GENERAL FILING INFORMATION

Pursuant to § 69-02-02-04 of the Commission's Rules of Practice and Procedure, the following information is provided.

Name, Address, and Telephone Number of Utility Attorney

Alison C. Archer
Assistant General Counsel
Xcel Energy Services Inc.
414 Nicollet Mall – 5th Floor
Minneapolis, MN 55401
(612) 215-4662

Utility Employee Responsible for Filing

David H. Sederquist
Sr. Regulatory and Financial Consultant
2302 Great Northern Drive
PO Box 2747
Fargo, ND 58108-2747
(701) 241-8632

II. DESCRIPTION AND PURPOSE OF FILING

The Company proposes adding an LED fixture option to its existing Street Lighting System Service (Rate Code D30) for Company-owned streetlights in four wattage equivalent replacement levels: 100W, 150W, 250W, and 400W. Today, the Company offers several street lighting options for customers:

- **Street Lighting System Service (HPS) – Rate Code D30**

Under this rate schedule the Company provides energy distribution, furnishes lighting equipment, and is responsible for all necessary maintenance for a flat monthly rate based on the wattage of the streetlight. Customers are also billed the applicable monthly Fuel Cost Rider charge for the dusk-to-dawn energy usage of the lights.

- **Street Lighting Energy Service (HPS, Mercury) – Purchased Equipment – Rate Code D31**

The Company provides energy distribution and necessary maintenance for a flat monthly rate based on the wattage of the streetlight. The customer owns a Company-approved street lighting system. Customers are also billed the applicable monthly Fuel Cost Rider charge for the dusk-to-dawn energy usage of the lights.

- **Street Lighting Energy Service – Metered – Rate Code D33**

The Company provides energy distribution services and meter. Customer owns and maintains the lighting system. Customer is billed a customer charge per meter and a per kWh energy charge for the distribution of energy. Customers are also billed the applicable monthly Fuel Cost Rider charge for the dusk-to-dawn energy usage of the streetlights.

We are not currently proposing an LED rate for customer-owned fixtures; therefore customers on Rate Codes D31 and D33 are not impacted by this new offering. Customers on Rate Code D33 also have the option to switch their fixtures to LEDs, as they are customer-owned. Because that rate is billed on a kWh basis, they would see a savings reflected on their bill as soon as they replace the HPS fixtures, due to the reduced energy consumption of the LEDs.

The proposed tariff rate incorporates the maintenance savings and expense-allocated cost reductions, as well as the higher cost of LED fixtures. We expect the aforementioned cost reductions, along with the expected fuel charge savings, to more than offset the incremental cost of the LED fixtures, which are more expensive than their HPS counterparts.

This initiative is an effort to respond to customer interests by providing expanded choices of products and services. As LED technologies have experienced reductions in cost and advancements in performance, the Company believes that it is a prudent time to invest in the technology for use on our system since it can now deliver cost savings to customers. In addition, the LED streetlight fixtures provide improved light quality and color rendering. These features translate into decreased light trespass and better nighttime visibility for pedestrians and motorists, contributing to an enhanced sense of safety. As the owner of approximately 3,400 streetlights in North Dakota, this rate would enable us to play a key role in helping communities transition to more energy-efficient lighting options.

A. Background

1. West St. Paul Pilot

In 2012, the Company implemented a pilot program in the City of West St. Paul, Minnesota to test the viability of LED streetlights. The goal of the pilot program was to gain experience to inform the development of a future LED street lighting rate option. The full results of the pilot program were described in our LED Streetlight Pilot Project Final Report in Minnesota Public Utilities Commission Docket No. E002/M-12-974, filed on March 13, 2015.

West St. Paul was selected for the pilot program through a screening criteria based on its: (1) ability to accommodate approximately 500 lights; (2) location in proximity to other interested communities to facilitate observation; (3) scheduled re-lamping in 2012; (4) overhead lighting distribution infrastructure; and (5) urban setting with established vegetation. The coordination of the pilot project with a scheduled re-lamping meant that overall costs were reduced and the Company was able to avoid replacing lights prior to the end of their assigned lives.

As expected, initial results of the pilot showed substantial energy savings and improved lighting performance as a result of switching from HPS to LED fixtures. The pilot also gave the Company experience installing LED streetlights and an opportunity to observe the performance of the lights in a northern climate. In general, the LED fixtures required fewer service orders than the HPS fixtures. This reduction in maintenance needs, combined with the approximately 50 percent average energy savings from the replacement fixtures, resulted in a decrease in maintenance and fuel

costs as a result of the project. It is important to note that HPS fixtures are already a more efficient version of incandescent light, so the savings may not be as significant as some might expect based on their experience converting home lighting to LEDs.

The illumination performance of the LED fixtures increased by an average of 50 percent in each of the test sites, and customer satisfaction with the brightness and appearance of the lighting was high among respondents in West St. Paul, Minnesota. These pilot program results confirmed for the Company that LED street lighting technology can provide adequate energy savings, as well as equal or better visibility, making it a good candidate for broad implementation on our system. LED technology has advanced significantly since the initiation of the pilot program, meaning that this rate relies on even lower wattage LED fixtures than were used in the pilot and provide equivalent street illumination. As mentioned above, the price of LED fixtures has also come down significantly since the pilot was initiated, allowing the Company to offer a valuable service at a competitive rate. After completion of this and two other LED pilot installations across Xcel Energy's service territory, along with a technical review of the cobra-head style of LED street lighting, the Company determined that the LED fixtures could meet its reliability and performance standards and were ready to be made available to all customers.

2. Program development

While LED streetlights have been available for some time, until recently the price and efficiency were not cost-competitive with current rate options. With increasing customer interest in LED street lighting, Xcel Energy issued an enterprise-wide Request for Proposals, leveraging the size of the Company's comprehensive streetlight fleet across all operating companies to obtain competitive LED street lighting fixture pricing. This initiative generated interest from a number of leading manufacturers and resulted in cost-competitive bids for LED fixtures. The combination of the pricing we are able to obtain by leveraging our bulk purchasing power and the expected impact of increased efficiency of the LED fixtures on Company operations now makes LED street lighting a competitive option that can reduce customer bills.

Cobra-head fixtures are the most cost-effective utility-scale design at this time, so the Company is offering an attractive LED rate option to customers at the four proposed wattage levels in that style. In selecting the type of fixtures for this offering, the Company completed a technical specification stipulating performance requirements, and performed an extensive analysis of vendor conformance to this specification in all areas, including pricing.

B. Description of the Proposed Program and Tariff

1. *Subscription*

In this Petition, we seek Commission approval of our proposed tariff, which will add four LED fixture options for those customers receiving Street Lighting System Service from Company-owned assets on Rate Code D30. Customer participation in this service is voluntary, and available for year-round illumination of public streets, parkways, and highways by LED fixtures supported on poles, where the facilities for this service are furnished by the Company. The Company proposes to provide four wattage-equivalent options in order to provide a full range of replacements for the existing HPS fixtures on the Street Lighting System Service Rate Code D30. See Table 1 for the corresponding LED fixture replacements.

Table 1
LED Streetlight Wattage

HPS Wattage	LED Equivalent Wattage²
100W	39W
150W	65W
250W	155W
400W	246W

2. *Rate Design*

The rate design calculations and resulting customer bill impacts are shown below in Table 2. A current street lighting customer with a 100-Watt HPS fixture would have that streetlight replaced with an equivalent 39-Watt LED fixture. Approximately 45 percent of the Company-owned streetlights in North Dakota are 100-Watt fixtures, so that rate is expected to be the most widely-applicable to customers.

As shown in Table 2 under the Rate Impact heading, the LED rates are based on the currently monthly HPS overhead rates, adjusted for the reduction in maintenance costs, decrease in energy and demand-related costs, and increase in capital costs for the LED fixtures.

² The LED equivalent wattage is a simple average across vendor fixtures that meet the Company's technical specifications at each size level. We recognize that LED technology will continue to evolve and perhaps become more efficient. The Company will monitor this evolution over time, and adjust accordingly.

Table 2
Company-Owned LED Street Lighting Rate Design

NSP-ND
Per HPS/LED Streetlight Equivalent

RATE IMPACT	100W/39W	150W/65W	250W/155W	400W/246W
Current HPS Monthly Average Bill Per Streetlight – Overhead	\$10.80	\$11.89	\$15.02	\$18.01
<i>Maintenance Savings</i>	(\$0.91)	(\$0.91)	(\$0.91)	(\$0.91)
<i>Base Rate Energy and Demand Charge Savings</i>	(\$0.87)	(\$1.18)	(\$1.70)	(\$2.65)
<i>Incremental Capital Revenue Requirement</i>	\$1.97	\$2.18	\$3.25	\$4.77
<i>LED Fixture Rate Impact - Company Owned Streetlights</i>	\$0.19	\$0.09	\$0.64	\$1.21
<i>Proposed LED Monthly Rate Per Streetlight - Overhead</i>	\$10.99	\$11.98	\$15.66	\$19.22
BILL IMPACT (Estimated)	100W/39W	150W/65W	250W/155W	400W/246W
Current HPS Monthly Average Bill Per Streetlight – Overhead	\$11.76	\$13.29	\$17.54	\$21.96
<i>LED Fixture Rate Impact - Company Owned Streetlights</i>	\$0.19	\$0.09	\$0.64	\$1.21
<i>Fuel Cost Rider Savings Estimate ¹</i>	(\$0.64)	(\$0.87)	(\$1.25)	(\$1.95)
Total Monthly Bill Impact	(\$0.45)	(\$0.78)	(\$0.61)	(\$0.74)
Proposed LED Monthly Average Bill Per Streetlight – Overhead	\$11.31	\$12.51	\$16.93	\$21.22
<i>Percentage Savings (increase)</i>	3.90%	5.80%	3.50%	3.40%

¹ Includes impact to resource adjustment

As the table illustrates, the Company expects LED streetlights will decrease maintenance expenses. The Company will no longer need to change a lamp approximately every five to six years or replace malfunctioning ballasts or broken glass lamp coverings, which are common maintenance requirements of HPS fixtures. The eliminated maintenance translates into a saving of \$0.91 per month per light, as shown in the Maintenance Savings line above.

The Base Rate Energy and Demand Charge Savings shown in the table are the result of the reduction in energy and demand usage when HPS fixtures are replaced with LEDs, which reduces the allocation of system resources to street lighting. This results in a reduction in the proposed LED Street Lighting System Service monthly rate.

In spite of their associated energy and maintenance savings, the LED fixtures are more expensive than their HPS counterparts, and hence require an incremental investment. Therefore the revenue requirement associated with the LED fixture is higher than that of the HPS fixture, which is included in the table above as Incremental Capital Revenue Requirement. The higher revenue requirement associated with the capital cost does offset a large portion of the energy and maintenance savings. The result is a slight increase in the monthly rate, shown as LED Fixture Rate Impact - Company Owned Streetlights in the table, but we expect the HPS fixture replacement will still result in a lower bill when combined with fuel savings. The anticipated Bill Impact is estimated in the bottom section of Table 2.

The lower energy usage of the LED fixtures, in addition to yielding some base rate energy savings for customers as described above, results in a reduction in Fuel Cost Rider charges. This impact is not included in the monthly rate, but customers will see the saving reflected in the Fuel Cost Rider cost line of their bill. This is illustrated in the Fuel Cost Rider Savings Estimate line in the Bill Impact section of the table.

In addition, Fuel Cost Rider costs account for only approximately 10 percent of the street lighting bill, so these cost savings impact only 10 percent of the bill. Therefore, if LED streetlights achieve a 60 percent reduction in usage, we could expect a six percent bill reduction. When factoring in the fuel savings driven by LED streetlights, along with the small increase in the monthly rate, overall the Company expects customers to see an average of four to five percent savings on their bill. A more detailed version of the rate design calculations can be found in Attachment A.

3. Pricing

As explained above, customers participating in this service will pay a monthly rate that reflects savings in energy costs and maintenance, which help to offset increased capital costs. The proposed LED Streetlight charges are provided in Table 3 below.

Table 3
Proposed Monthly Rate per LED Streetlight

<u>Designation of Lamps</u>	<u>Standard Service</u>	
	<u>Overhead</u>	<u>Underground</u>
39W	\$10.99	\$21.02
65W	\$11.98	\$22.07
155W	\$15.66	N/A
246W	\$19.22	N/A

C. Proposed Implementation of the Program

If approved, we plan to offer the LED option for all street lighting system service customers in our North Dakota service territory over approximately the next five years. We have established a tentative plan for installing the LED fixtures that will follow our existing re-lamping schedule as guidance in order to manage costs, but will also maintain flexibility to adjust the schedule if necessary. The program is voluntary, meaning we will offer the service to all customers scheduled for re-lamping, with the option to opt-out if they want. As customers convert to LED fixtures via the System Service or the metered Energy Service, the Company will work to make the transition as seamless as possible from an internal accounting and billing perspective.

D. Proposed Tariff Sheet

In this filing, the Company proposes to make the LED Street Lighting rate a permanent offering. Our proposed LED Street Lighting System Service Tariff Sheet is included as Attachment B to this Petition. An example bill illustrating the LED Street Lighting Rate is also enclosed with this Petition as Attachment C.

E. Implementation and Ongoing Operation

The Company proposes that the LED Street Lighting System Service Tariff become effective and available to customers 90 days after the Commission Order is issued.

CONCLUSION

The Company respectfully requests approval of the addition of an LED option to our existing Street Lighting System Service in North Dakota. We believe this service is in the public interest, and reflects just and reasonable rates which respond to increasing customer interest in LED street lighting options.

Dated: October 15, 2015

Northern States Power Company

Company-Owned LED Street Lighting System Service Rate Design

Rate Code D30

Monthly LED Street Lighting Rate Design Summary

	NSP-ND			
	Per HPS/LED Street Light Equivalent			
	100W/39W	150W/65W	250W/155W	400W/246W
Current HPS Street Lighting Overhead Rates	\$10.80	\$11.89	\$15.02	\$18.01
Maintenance Expense Impact (Savings)	(\$0.91)	(\$0.91)	(\$0.91)	(\$0.91)
System Allocation Expense Savings	(\$0.87)	(\$1.18)	(\$1.70)	(\$2.65)
Incremental Capital Revenue Requirement	\$1.97	\$2.18	\$3.25	\$4.77
Net LED SL Fixture Rate Impact - Company Owned Street Lights	\$0.19	\$0.09	\$0.64	\$1.21
Proposed Monthly LED SL Overhead Rates	\$10.99	\$11.98	\$15.66	\$19.22
Current HPS Monthly Average Bill Per Street Light - Overhead	\$11.76	\$13.29	\$17.54	\$21.96
LED Fixture Impact on HPS Street Lighting Rate	\$0.19	\$0.09	\$0.64	\$1.21
Fuel & Resource Adj. Savings Estimate	(\$0.64)	(\$0.87)	(\$1.25)	(\$1.95)
Total Monthly Bill Impact (savings)	(\$0.45)	(\$0.78)	(\$0.61)	(\$0.74)
Proposed LED Monthly Average Bill Per Street Light - Overhead	\$11.31	\$12.51	\$16.93	\$21.22
Percentage Savings (increase)	3.9%	5.8%	3.5%	3.4%

Annual Impact of LED Fixtures on the D30 Street Lighting System Service Rate

	NSP-ND			
	Per HPS/LED Street Light Equivalent			
	100W/39W	150W/65W	250W/155W	400W/246W
Maintenance Savings				
Relamp Expense Savings	\$4.57	\$4.57	\$4.57	\$4.57
Service Order Expense Savings	\$6.36	\$6.36	\$6.36	\$6.36
Total Maintenance Savings	\$10.93	\$10.93	\$10.93	\$10.93
Monthly Savings (increase)	\$0.91	\$0.91	\$0.91	\$0.91
System Allocation Cost Savings				
Base Rate Energy Charge Savings	\$5.89	\$7.94	\$11.45	\$17.89
Demand Related Expense Savings	\$4.59	\$6.19	\$8.93	\$13.94
Total Maintenance Savings	\$10.48	\$14.13	\$20.38	\$31.83
Monthly Savings (increase)	\$0.87	\$1.18	\$1.70	\$2.65
Incremental Capital Revenue Requirement	(\$23.65)	(\$26.12)	(\$38.97)	(\$57.19)
Monthly Savings (increase)	(\$1.97)	(\$2.18)	(\$3.25)	(\$4.77)
LED SL Base Rate Savings (Increase)	(\$2.24)	(\$1.06)	(\$7.66)	(\$14.43)
Monthly Savings (increase)	(\$0.19)	(\$0.09)	(\$0.65)	(\$1.21)
Fuel & Resource Adj. Savings Estimate	\$7.71	\$10.38	\$14.99	\$23.40
Monthly Savings (increase)	\$0.64	\$0.87	\$1.25	\$1.95
Annual Bill Savings - LED Street Lights	\$5.47	\$9.32	\$7.33	\$8.97
Monthly Savings (increase)	\$0.45	\$0.78	\$0.60	\$0.74

Legislative

NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2

**STREET LIGHTING SYSTEM SERVICE
 RATE CODE D30**

Section No. 5
~~7th~~^{8th} Revised Sheet No. 59

AVAILABILITY

Available for year-round illumination of public streets and highways by electric lamps in luminaires supported on poles, where the facilities for this service are furnished by Company. Underground Service under this schedule is limited to areas having a Company owned underground electric distribution system.

RATE

Designation of Lamp	Monthly Rate Per Luminaire			
	Overhead	Underground	Decorative Underground	
100W High Pressure Sodium	\$10.80	\$20.83	\$33.26	€
150W High Pressure Sodium	\$11.89	\$21.98	\$34.40	€
250W High Pressure Sodium	\$15.02		\$36.94	€
400W High Pressure Sodium	\$18.01			€
<u>39W (or less) Light Emitting Diode</u>	<u>\$10.99</u>	<u>\$21.02</u>		N
<u>65W (or less) Light Emitting Diode</u>	<u>\$11.98</u>	<u>\$22.07</u>		N
<u>155W (or less) Light Emitting Diode</u>	<u>\$15.66</u>			N
<u>246W (or less) Light Emitting Diode</u>	<u>\$19.22</u>			N

FUEL COSTS

Bills subject to the charges provided for in the Fuel Cost Rider.

LATE PAYMENT CHARGE

A 1% late payment charge will be added to the unpaid balance on date due.

OTHER PROVISIONS

This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

Date Filed: ~~10-31-14~~¹⁰⁻⁰¹⁻¹⁵ By: ~~David M. Sparby~~^{Christopher B. Clark} Effective Date: ~~01-01-15~~
 President, ~~and CEO of~~ Northern States Power Company, a Minnesota corporation
 Case No. ~~PU-12-813~~^{PU-15-xxx} Order Date: ~~02-26-14~~

Non-Legislative

NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2

**STREET LIGHTING SYSTEM SERVICE
RATE CODE D30**

Section No. 5
8th Revised Sheet No. 59

AVAILABILITY

Available for year-round illumination of public streets and highways by electric lamps in luminaires supported on poles, where the facilities for this service are furnished by Company. Underground Service under this schedule is limited to areas having a Company owned underground electric distribution system.

RATE

<u>Designation of Lamp</u>	<u>Monthly Rate Per Luminaire</u>		
	<u>Overhead</u>	<u>Underground</u>	<u>Decorative Underground</u>
100W High Pressure Sodium	\$10.80	\$20.83	\$33.26
150W High Pressure Sodium	\$11.89	\$21.98	\$34.40
250W High Pressure Sodium	\$15.02		\$36.94
400W High Pressure Sodium	\$18.01		
39W (or less) Light Emitting Diode	\$10.99	\$21.02	
65W (or less) Light Emitting Diode	\$11.98	\$22.07	
155W (or less) Light Emitting Diode	\$15.66		
246W (or less) Light Emitting Diode	\$19.22		

N
N
N
N

FUEL COSTS

Bills subject to the charges provided for in the Fuel Cost Rider.

LATE PAYMENT CHARGE

A 1% late payment charge will be added to the unpaid balance on date due.

OTHER PROVISIONS

This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

Date Filed: 10-01-15 By: Christopher B. Clark Effective Date:
President, Northern States Power Company, a Minnesota corporation
Case No. PU-15-xxx Order Date:

NORTHERN STATES POWER COMPANY

Page 1 of 2



MAILING ADDRESS	ACCOUNT NUMBER	DUE DATE	
J. Smith 5555 Main Street City, ND 58XXX-XXXX	XX-XXXXXXX-X	05/18/2015	
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	XXXXXXXXX	4/09/2015	\$1,179.39

QUESTIONS ABOUT YOUR BILL?

See our website: xcelenergy.com
 Email us at: Customerservice@xcelenergy.com
 Please Call: 1-800-481-4700
 Hearing Impaired: 1-800-895-4949
 Fax: 1-800-311-0050
 Or write us at: XCEL ENERGY
 PO BOX 8
 EAU CLAIRE WI 54702-0008

SUMMARY OF CURRENT CHARGES (detailed charges begin on page 2)

Other Recurring Charges	\$1,179.39
Current Charges	\$1,179.39

ACCOUNT BALANCE

Previous Balance	\$1,020.29
Payment Received	-
Balance Forward	\$0.00
Current Charges	\$1,179.39
Amount Due	\$1,179.39

INFORMATION ABOUT YOUR BILL

Thank you for your payment

RETURN BOTTOM PORTION WITH YOUR PAYMENT - PLEASE DO NOT USE STAPLES, TAPE OR PAPER CLIPS



ACCOUNT NUMBER	DUE DATE	AMOUNT DUE	AMOUNT ENCLOSED
XX-XXXXXXX-X	05/18/2015	\$1179.39	

To avoid a late pay charge of 1% of the unpaid balance,
 payment of total amount must be received by due date.
 Make your check payable to XCEL ENERGY

MAY						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

----- manifest line -----

J. Smith
 5555 Main Street
 City, ND 58XXX-XXXX

XCEL ENERGY
 P.O. BOX 9477
 MPLS MN 55484-9477



MAILING ADDRESS	ACCOUNT NUMBER	DUE DATE	
J. Smith 5555 Main Street City, ND 58XXX-XXXX	XX-XXXXXXX-X	05/18/2015	
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	XXXXXXXXXX	04/09/2015	\$1,179.39

OTHER RECURRING CHARGES DETAILS

INVOICE NUMBER:	XXXXXXXXXX
ADDRESS:	5555 Main St. City, ND 58XXX-XXXX

DESCRIPTION	Usage Units	Unit Charge	Qty	Charge
Install Number XXXXXX 03/08/15 to 04/07/15 39WATT CLASS LED CO OWNED OH Street Lgt Co Owned		\$10.99	78	\$857.22
Install Number XXXXXX 03/08/15 to 04/07/15 65WATT CLASS LED CO OWNED OH Street Lgt Co Owned		\$11.98	18	\$215.64
Install Number XXXXXX 03/08/15 to 04/07/15 155WATT CLASS LED CO OWNED OH Street Lgt Co Owned		\$15.66	3	\$46.98
Install Number XXXXXX 03/08/15 to 04/07/15 246WATT CLASS LED CO OWNED OH Street Lgt Co Owned		\$19.22	1	\$19.22
Fuel Cost Charge	1,706 kWh	\$0.02113		\$36.06
Resource Adjustment				4.27
Total				\$1,179.39