



April 30, 2019

Council Meeting of May 6, 2019  
Subject: Street Lighting LED Replacement

The Honorable Mayor  
and  
Members of the City Council

Ladies and Gentlemen:

For the past year or so, Consumers Energy had been replacing failed streetlights with LED fixtures. The LED fixtures are more energy efficient and longer lasting than the High Pressure Sodium (HPS) fixtures they are replacing; therefore, the operation and maintenance charge for the LED fixtures is approximately \$6.00 per month less than the HPS fixtures.

To maintain accurate maintenance and billing records, Consumers is requesting the City to amend the standard lighting contract to reflect the removal of the HPS fixtures at various locations and the installation of LED fixtures at the same locations.

Adoption of the attached resolution will authorize the Mayor and City Clerk to sign the amended Standard Lighting Contracts with Consumers Energy.

Respectfully submitted,

Mark C. Meyers  
City Administrator

GAB/sr  
Attachment

Administration/City Clerk (231) 798-4391	Assessing Division (231) 799-6806	Building Division (231) 799-6801	Finance/Treasurer (231) 799-6805	Fire Prevention (231) 799-6809	Fire Department (231) 798-2255
Parks/Recreation (231) 799-6802	Planning/Zoning (231) 799-6800	Police Department (231) 733-2691	Public Works (231) 799-6803	Streets Division (231) 798-2156	Water/Sewer (231) 799-6804

## RESOLUTION

NOW, THEREFORE, BE IT RESOLVED, the Mayor and City Clerk are authorized to execute the Standard Lighting Contracts with Consumers Energy for the maintenance replacement of High Pressure Sodium fixtures with more efficient LED fixtures at various locations.

At a rescheduled meeting of the City Council of the City of Norton Shores, held at the Norton Shores Branch Library, 705 Seminole Road, on the 6th day of May, 2019, the foregoing resolution was moved for adoption by Council Member. The motion was supported by Council Member.

Ayes:

Nays:

Resolution declared adopted/denied.

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Shelly Stibitz, City Clerk

# STREETLIGHT CONVERSION

*Safe, Affordable, Sustainable*

**Consumers Energy's number one priority is the safety** of our employees, customers and local communities in Michigan. Ensuring the safety of our hometown neighborhoods by having adequate working streetlights is important to that goal. That's why we work closely with various local units of government to maintain nearly 160,000 streetlights.

Currently, the streetlighting system provides for various types of lights, with LEDs lasting longer and using less energy than the rest.

**For this reason, beginning in fall 2018, we started replacing Consumers Energy owned cobrahead streetlights with LEDs** for the 20,000 streetlight outage/replacement requests we receive each year. The effort also helps avoid labor, travel and equipment costs and keep electric rates affordable.

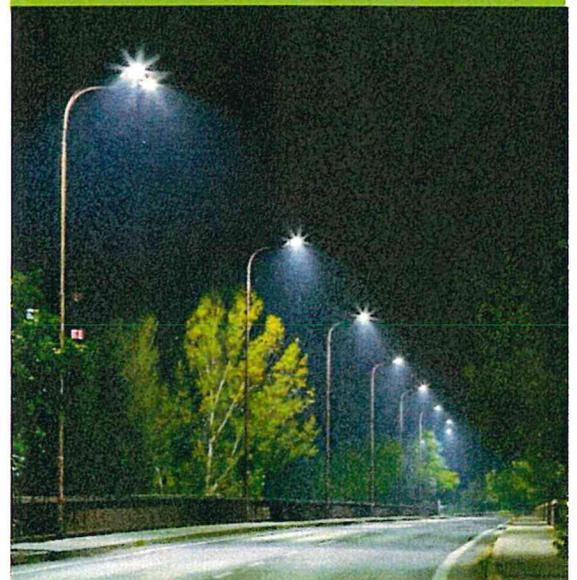
Long-term, we will continue focusing on Michigan's environment and providing a cost efficient and effective streetlight conversion by working with communities on streetlight plans that include various cost options.

**Report a streetlight outage at**  
[ConsumersEnergy.com/streetlightoutage](http://ConsumersEnergy.com/streetlightoutage)

## Embracing a Cleaner Michigan

As Michigan's largest energy provider, Consumers Energy is embracing a cleaner, leaner future focused primarily on reducing energy use and adding more renewable energy sources.

We are working with communities to enhance security and safety using new LED streetlights while improving the environment we all cherish.



**Consumers Energy**

*Count on Us®*

# COMMUNITY STREETLIGHT FAQs

## Replacement of burned out cobrahead streetlights to LED



*Examples of cobrahead streetlights.*

**When will Consumers Energy begin replacing burned out cobrahead streetlights with LED streetlights?** We began this project in Fall 2018 and anticipate it will take 10 years for statewide completion.

**What if I want to convert my streetlights to LED right now?** We are replacing company-owned, burned out cobrahead streetlights with LEDs at no additional cost to the community. If you would like to speed up the conversion in your community, there is an incremental cost.

**How will my bill be affected when my burned out light is upgraded to LED?** In early stages of the conversion, contracts and billing will be updated annually. Your accounts will be credited for any paid overages, with interest.

**How will the new LED streetlights be noted on my bill?** There will be a separate invoice created at the General Service Unmetered Experimental Lighting Rate (GU-XL - LED streetlight) for the LED streetlights. The replaced streetlights will be deducted from the General Service Unmetered Lighting (GUL - non-LED streetlight) account and added to GU-XL account as converted.

**Does my existing contract with Consumers Energy cover this work?** If your community does not currently have a GU-XL account, there will be a separate contract created for the GU-XL account for the LED streetlights. The current contract for the GUL account will be amended to reflect the removal of non-LED streetlights as they are converted. Any existing GU-XL accounts will be amended to reflect the addition of LED streetlights.

**Can I opt out of having burned out streetlights upgraded to LED?** Replacing streetlights with LED bulbs reduces future visits to replace less efficient bulbs, keeping electric rates low. The program also contributes to a federal requirement to replace mercury vapor bulbs, which are no longer being manufactured. Therefore, it is not our plan to allow customers to opt out.

**Will Consumers Energy replace our post top or decorative fixture with LED?** No. This program is for cobrahead fixtures only. If the community would like to accelerate the conversion of their post top fixtures to LED, there is an incremental cost. To request an estimate, please call 800-805-0490.

**QUESTIONS? Contact our Business Center at 800-805-0490, Monday-Friday. 7 a.m.-5:30 p.m.**

**Possible Changes to Your Bill/Contract:** You may see a change in your monthly bill based on the number of streetlights replaced.





**AUTHORIZATION FOR CHANGE IN  
STANDARD LIGHTING CONTRACT  
(COMPANY-OWNED) FORM 547**

Contract Number: 100000479608

Consumers Energy Company is authorized as of \_\_\_\_\_, by the City of Norton Shores, to make changes, as listed below, in the lighting system(s) covered by the existing Standard Lighting Contract between the Company and the City of Norton Shores, dated 12/1/2010.

Lighting Type:

General Service Unmetered Lighting Rate GUL, Standard High Intensity Discharge

Notification Number(s):

1046186848

Construction Work Order Number(s):

33499585

Except for the changes in the lighting system(s) as herein authorized, all provisions of the aforesaid Standard Lighting Contract dated 12/1/2010 shall remain in full force and effect.

City of Norton Shores

By:

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed)

Its

\_\_\_\_\_  
(Title)

This Agreement may be executed and delivered in counterparts, including by a facsimile or an electronic transmission thereof, each of which shall be deemed an original. Any document generated by the parties with respect to this Agreement, including this Agreement, may be imaged and stored electronically and introduced as evidence in any proceeding as if original business records. Neither party will object to the admissibility of such images as evidence in any proceeding on account of having been stored electronically.

**RESOLUTION**

RESOLVED, that it is hereby deemed advisable to authorize Consumers Energy Company to make changes in the lighting service as provided in the Standard Lighting Contract between the Company and the City of Norton Shores, dated 12/1/2010, in accordance with the Authorization for Change in Standard Lighting Contract dated \_\_\_\_\_,

heretofore submitted to and considered by this  commission  council  board ;and

RESOLVED, further, that the \_\_\_\_\_ Clerk be and are authorized to execute such authorization for change on the behalf of the City.

STATE OF MICHIGAN  
COUNTY OF Muskegon

I, \_\_\_\_\_, Clerk of the City of Norton Shores, do hereby certify that the foregoing resolution was duly adopted by the  commission  council  board of said municipality, at the meeting held on \_\_\_\_\_.

\_\_\_\_\_

Dated:

Municipal Customer Type: City

\_\_\_\_\_

## GENERAL SERVICE UNMETERED LIGHTING RATE GUL, STANDARD HIGH INTENSITY DISCHARGE

<i>Number of Luminaires</i>	<i>Nominal Watts</i>	<i>Luminaire Type</i>	<i>Fixture Type</i>	<i>Fixture Style</i>	<i>Install Remove</i>	<i>Location</i>
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	4261 LIN NAN NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	2981 CONTINENTAL NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	WOODSIDE RD AND ESTES ST NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	3677 MCCRACKEN ST, NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	3815 HENRY ST NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	MT. GARFIELD AND KENDRA NORTON SH
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	100 2ND AVE NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	4155 EASTLAKE RD, MUSKEGON
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	5476 MARTIN RD
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	1628 PORTER RD NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	2740 HENRY ST - NOR SHOR -
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	2900 BLOCK MCDERMOTT NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	3611 HENRY ST NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	924 HENDRICK NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	296 SEMINOLE RD NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	5075 HILLVIEW NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	651 W SUMMIT AVE MUSKEGON
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	4841 LAUREL ST, MUSKEGON
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	2977 HENRY ST NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	MILLER & RANDALL NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	1813 CHANNEL, NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	936 Wendover, NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	FSTL-1534 PORTER, NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	FSTL-1170 Byron, NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	RIDGEVIEW NORTON SHORES
1	<u>100</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	2276 LINCOLN PARK DR MUSKEGON
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	CASTLE CT & MCCRACKEN NORTON SHORES
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	5196 LAKE HARBOR RD NORTON SHORES
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	

						3705 Farmwood dr, Norton Shores
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	3800 LAKE HARBOR RD NORTON SHORES
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	3446 MCCRACKEN NORTON SHORES
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	6571 HENRY ST NORTON SHORES
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	5324 LAKE HARBOR RD MUSKEGON
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	3555 MCCRACKEN ST MUSKEGON
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	685 E ELLIS RD NORTON SHORES
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	4305 LAKE HARBOR RD NORTON SHORE
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	688 RANDALL RD NORTON SHORES
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	PORTER RD NORTON SHORES
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	HILE & POULIN, NORTON SHORES
1	<u>150</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	22 E Sternberg Rd, NORTON SHORES
1	<u>250</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	2059 HENRY ST NORTON SHORES-
1	<u>250</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	1175 SEMINOLE NORTON SHORES
1	<u>250</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	2616 GETTY NORTON SHORES
1	<u>400</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	950 West Norton Ave NORTON SHORES
	<u>400</u>	<u>HPS</u>	<u>Cobrahead</u>		<u>Remove</u>	801 NORTON NORTON SHORES



**AUTHORIZATION FOR CHANGE IN  
STANDARD LIGHTING CONTRACT  
(COMPANY-OWNED) FORM 547**

Contract Number: 103022167862

Consumers Energy Company is authorized as of \_\_\_\_\_, by the City of Norton Shores, to make changes, as listed below, in the lighting system(s) covered by the existing Standard Lighting Contract between the Company and the City of Norton Shores, dated 6/1/2016.

Lighting Type:  
General Unmetered Experimental Lighting Rate GU-XL

Notification Number(s):  
1046186848

Construction Work Order Number(s):  
33499585

Except for the changes in the lighting system(s) as herein authorized, all provisions of the aforesaid Standard Lighting Contract dated 6/1/2016 shall remain in full force and effect.

City of Norton Shores

By:

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed)

Its

\_\_\_\_\_  
(Title)

This Agreement may be executed and delivered in counterparts, including by a facsimile or an electronic transmission thereof, each of which shall be deemed an original. Any document generated by the parties with respect to this Agreement, including this Agreement, may be imaged and stored electronically and introduced as evidence in any proceeding as if original business records. Neither party will object to the admissibility of such images as evidence in any proceeding on account of having been stored electronically.

**RESOLUTION**

RESOLVED, that it is hereby deemed advisable to authorize Consumers Energy Company to make changes in the lighting service as provided in the Standard Lighting Contract between the Company and the City of Norton Shores, dated 6/1/2016, in accordance with the Authorization for Change in Standard Lighting Contract dated \_\_\_\_\_,

heretofore submitted to and considered by this  commission  council  board ;and

RESOLVED, further, that the \_\_\_\_\_ Clerk be and are authorized to execute such authorization for change on the behalf of the City.

STATE OF MICHIGAN  
COUNTY OF Muskegon

I, \_\_\_\_\_, Clerk of the City of Norton Shores, do hereby certify that the foregoing resolution was duly adopted by the  commission  council  board of said municipality, at the meeting held on \_\_\_\_\_.

\_\_\_\_\_

Dated:

Municipal Customer Type: City

\_\_\_\_\_

## GENERAL UNMETERED EXPERIMENTAL LIGHTING RATE GU-XL

<i>Number of Luminaires</i>	<i>Nominal Watts</i>	<i>Luminaire Type</i>	<i>Fixture Type</i>	<i>Fixture Style</i>	<i>Install Remove</i>	<i>Location</i>
1	54	LED	Cobrahead		Install	4261 LIN NAN NORTON SHORES
1	54	LED	Cobrahead		Install	2981 CONTINENTAL NORTON SHORES
1	54	LED	Cobrahead		Install	WOODSIDE RD AND ESTES ST NORTON SHORES
1	54	LED	Cobrahead		Install	3677 MCCRACKEN ST, NORTON SHORES
1	54	LED	Cobrahead		Install	3815 HENRY ST NORTON SHORES
1	54	LED	Cobrahead		Install	MT. GARFIELD AND KENDRA NORTON SH
1	54	LED	Cobrahead		Install	100 2ND AVE NORTON SHORES
1	54	LED	Cobrahead		Install	4155 EASTLAKE RD, MUSKEGON
1	54	LED	Cobrahead		Install	5476 MARTIN RD
1	54	LED	Cobrahead		Install	1628 PORTER RD NORTON SHORES
1	54	LED	Cobrahead		Install	2740 HENRY ST - NOR SHOR - REPL STLT HD
1	54	LED	Cobrahead		Install	2900 BLOCK MCDERMOTT NORTON SHORES
1	54	LED	Cobrahead		Install	3611 HENRY ST NORTON SHORES
1	54	LED	Cobrahead		Install	924 HENDRICK NORTON SHORES
1	54	LED	Cobrahead		Install	296 SEMINOLE RD NORTON SHORES
1	54	LED	Cobrahead		Install	5075 HILLVIEW NORTON SHORES
1	54	LED	Cobrahead		Install	651 W SUMMIT AVE MUSKEGON
1	54	LED	Cobrahead		Install	4841 LAUREL ST, MUSKEGON
1	54	LED	Cobrahead		Install	2977 HENRY ST NORTON SHORES
1	54	LED	Cobrahead		Install	688 RANDALL RD NORTON SHORES
1	54	LED	Cobrahead		Install	MILLER & RANDALL NORTON SHORES
1	54	LED	Cobrahead		Install	1813 CHANNEL, NORTON SHORES
1	54	LED	Cobrahead		Install	936 Wendover, NORTON SHORES
1	54	LED	Cobrahead		Install	1534 PORTER, NORTON SHORES
1	54	LED	Cobrahead		Install	1170 Byron, NORTON SHORES
1	54	LED	Cobrahead		Install	RIDGEVIEW NORTON SHORES
1	54	LED	Cobrahead		Install	2276 LINCOLN PARK DR MUSKEGON
1	72	LED	Cobrahead		Install	5196 LAKE HARBOR RD NORTON SHORES
1	72	LED	Cobrahead		Install	3705 Farmwood dr, Norton Shores

1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	3800 LAKE HARBOR RD NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	3446 MCCRACKEN NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	6571 HENRY ST NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	5324 LAKE HARBOR RD MUSKEGON
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	3555 MCCRACKEN ST MUSKEGON
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	685 E ELLIS RD NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	4305 LAKE HARBOR RD NORTON SHORE
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	688 RANDALL RD NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	1175 SEMINOLE NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	PORTER RD NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	801 NORTON NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	HILE & POULIN, NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	22 E Sternberg Rd, NORTON SHORES
1	<u>72</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	CASTLE CT & MCCRACKEN NORTON SHORES
1	<u>85</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	2059 HENRY ST NORTON SHORES-
1	<u>85</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	2616 GETTY NORTON SHORES
1	<u>171</u>	<u>LED</u>	<u>Cobrahead</u>		<u>Install</u>	950 West Norton Ave NORTON SHORES