

**TOWN OF GRANBY**

**Board of Trustees**

MEETING DATE: JANUARY 26, 2021

**Consent Agenda**

**Resolution or Ordinance**

**Citizen Requests**

**Public Hearing**

**Committee/Staff Reports:**

**TOWN CLERK**

**FINANCE DIRECTOR**

**BUILDINGS AND STREETS**

**ECONOMIC DEVELOPMENT**

**PUBLIC SAFETY**

**PUBLIC WORKS**

**WATER DEPARTMENTS**

**MAYOR**

**TOWN MANAGER**

**TOWN ATTORNEY**

**Other**

**Executive Session**

**Workshop**

TIME OF AGENDA ITEM: 6:35 PM

**Agenda Request No. 6**

**MEETING TO BE HELD AT:**

**Town Hall, Zero Jasper Avenue**

**Granby, CO 80446**

**(6) DISCUSSION OF THE LED STREETLIGHT CHANGE OUT / TOWN MANAGER TED CHERRY  
6:35 PM**

# MEMO



To: Mayor and Board of Trustees  
From: Ted Cherry, Town Manager  
Cc: Deb Hess, Town Clerk  
Date: 1.26.2021  
Re: LED Streetlight Changeout

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**Summary:** Manager was recently contacted by Chris Michalowski on behalf of Mountain Parks Electric in regards to a program they have available for change out of streetlights. There are streetlights in town that are owned by MPEI, but the electric bills are paid for by the Town. The program allows for these streetlights to be changed from the current type to an LED type.

The details of the program are fairly straight forward. If the Board would choose to move forward with this the Town would be responsible for paying the normal tariff for these lights for the next 6 years and then a reduced rate would start because the cost of the LED lights are less to run.

There would be a total of 78 lights that would be converted. After the six year period of time, at the current rates, the bill to the town would expect to be decreased by \$657.69 per month. The conversion would begin this year with it likely to finish this year depending on MPEI change out.

**Financial Impact:** Financial savings after 6 years

**Recommendation:** This seems like a good plan of action to save in the long run for the Town. Manager would recommend moving forward with this.

If Board chooses paperwork can be done to get this completed.

<b>MOUNTAIN PARKS ELECTRIC, INC.</b>  <b>SERVICE RULES AND REGULATIONS</b>	<b>SECTION</b> <b>II</b>	<b>PAGE NO.</b> <b>15</b>
	<b>REVISION</b>	<b>SHEET</b>

202.06 Outdoor and Municipal Street Lighting.

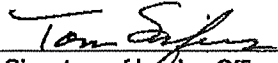
- A. Application.  
Applicable to all Customers for permanent outdoor area lighting. Not applicable for temporary, construction, or shared service.
- B. Type of service.  
Dusk-to-dawn controlled security or street lights mounted on the Cooperative's wood poles with energy usage un-metered.
- C. Monthly Rate and Estimated kWh Usage With Ballast Losses.  
Each billing period the Customer shall be obligated to pay the following charges:

<b>Type - Available for New Installations:</b>	<b>Monthly kWh</b>	<b>Charge per Light</b>
100 Watt High Pressure Sodium	36	\$12.32
250 Watt High Pressure Sodium	90	\$21.97
400 Watt High Pressure Sodium	144	\$27.82
40 Watt Security LED	15	\$7.15
70 Watt Security LED	26	\$8.83
40 Watt Street Light LED	15	\$6.94
115 Watt Street Light LED	42	\$11.30
181 Watt Street Light LED	66	\$16.35
Additional Poles		\$4.40 per Pole

<b>Type – No Longer Available for New Installations:</b>	<b>Monthly kWh</b>	<b>Charge per Light</b>
175 Watt Mercury Vapor	63	\$12.32
250 Watt Mercury Vapor	90	\$17.15
400 Watt Mercury Vapor	144	\$21.97
Non-Metered Ornamental Seasonal		\$.109 per kWh
Non-Metered Street Lighting		\$.109 per kWh

- D. Conditions of Service.
1. The Cooperative will install its standard outdoor luminaries, wood pole mounted, and it will be connected so that energy usage will not be metered.
  2. The cost of all equipment and appurtenances including additional poles installed by the Cooperative will be paid for by the Customer. The above rate shows the additional charge per pole for any additional poles required for

Advice Letter No. 24

  
 \_\_\_\_\_  
 Signature of Issuing Officer  
 Tom Sifers, General Manager

Issue Date: June 1, 2017

Effective Date: July 1, 2017

<b>MOUNTAIN PARKS ELECTRIC, INC.</b>	<b>SECTION</b> <b>II</b>	<b>PAGE NO.</b> <b>16</b>
	<b>SERVICE RULES AND REGULATIONS</b>	<b>REVISION</b>

lighting services (in addition to existing primary or other poles) to cover pole operating and maintenance costs.

To encourage the conversion from existing Mercury Vapor and HPS installations to energy efficient LED technology and at the Customer's request, the Cooperative will install LED lights at no upfront cost to the Customer and the Customer will pay the rate of a Mercury Vapor or HPS per light charge for a time period of six (6) years after conversion to an equivalent sized LED fixture in order for the Cooperative to recover the estimated installation cost of the LED fixture. At the end of the six (6) year time period, the billing will be changed to the current rate in effect for a LED fixture.

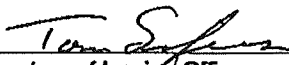
3. The Cooperative will maintain all equipment, including lamp replacement, at no additional expense to the Customer.

4. All equipment and appurtenances will become the property of the Cooperative. The Customer will make every reasonable effort to prevent deliberate damage to Cooperative property.

5. Customers requesting lighting that is non-standard to the Cooperative shall be supplied a metered service and the Cooperative will not be responsible for the installation or maintenance of any equipment on the load side of such installations.

6. In the past the Cooperative has in some cases allowed a town, homeowners association or county government to attach dusk to-dawn controlled ornamental lighting or street lighting (fixture) to non-metered facilities of the Cooperative. Said fixture and its attachment to Cooperative facilities shall meet National Electric Safety Code (NESC), current edition, standards and be approved by the Cooperative. The fixture will be the property of the Customer and the Cooperative will not maintain the fixture. Any costs incurred for labor or materials by the Cooperative shall be reimbursed to the Cooperative by the Customer. The Customer shall indemnify and hold harmless the Cooperative of any liability occurring due to the fixture being attached to the Cooperative facility. At the time of application the wattage of the fixture, and any losses, shall be determined and monthly energy usage will be based on twelve (12) hours per day for thirty (30) days. The energy usage will be billed at the rate for non-metered ornamental seasonal lighting and non-metered street lighting. Such non-metered supply arrangements are no longer available to new installations.

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**E. Monthly Minimum Charge.**

Customer shall be obligated to pay the charges per light for each billing period whether or not any energy is used.

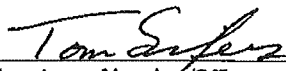
**F. Billing Adjustments.**

This rate is subject to all billing adjustments.

**G. Agreement.**

An agreement for electric service with a fixed term may be required by the Cooperative. This rate schedule may be changed by order or consent of regulatory authorities having jurisdiction, or if none, by the Cooperative's Board of Directors. Service hereunder is subject to the Cooperative's tariff for electric service.

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ACCOUNT NUMBER: [REDACTED] SERVICE ADDRESS: SL ONLY, GRANBY

RATE: Street/Security Lights

METER #	USAGE TYPE	FROM	TO	PREVIOUS	PRESENT	MULT	USAGE	DAYS
	SL Only	11/01/20	12/01/20					30

Your 2020 Operation RoundUp Contributions were: \$3.10

Previous Balance	1,439.00
Payment 12/10/20 -- Thank You	-1,439.00
<b>Current Billing Detail</b>	
175 Watt Mercury Vapor-Sec Lt-8 (Qty 14)	172.48
100 Watt High Press Sodium-Sec Lt-8 (Qty 19)	234.08
250 Watt High Press Sodium-Sec Lt-8 (Qty 46)	1,010.62
40 Watt LED-Sec Lt-8 (Qty 3)	21.45
Operation Roundup	0.37
<b>Total Current Charge</b>	<b>1,439.00</b>
<b>Balance Forward</b>	<b>0.00</b>
<b>Total Amount Due</b>	<b>1,439.00</b>



Payments are due upon receipt and subject to 1 1/2 percent (1.5%) on unpaid balance at next billing. Unpaid bills are also subject to collection.