

# City Council Update

May 28, 2019

# Cost-Savings

<b>Project Location</b>	<b>Pre-EnergyCorps Cost (2016)</b>	<b>2017 Savings</b>	<b>2018 Savings</b>	<b>Jan - May 2019 Savings</b>	<b>Total Savings</b>
City Hall and Police Station	\$ 6,318.26	\$ 334.00	\$ 558.00	\$ 682.29	\$ 1,574.29
Public Works Shop	\$ 6,387.29	na	\$ 132.00	\$ 438.06	\$ 570.06
14 Decorative Street Lights	\$ 1,701.63	\$ 1,195.09	\$ 1,181.96	\$ 603.53	\$ 2,980.58
Lions Park Ice Rink Lights	\$ 614.69	na	na	\$ 62.68	\$ 62.68
<b>Total</b>					<b>\$ 5,187.61</b>

# Cost-Savings & EnergyCorps Valuation

<b>Project</b>	<b>Grants, Rebates and Donations</b>
Solarize Campaign	\$ 4,350.00
Library Solar Panels	\$ 28,000.00
WWTP VFD Rebate	\$ 5,000.00
Grant Well VFD Rebate	\$ 2,500.00
Lions Park Lights	\$ 14,063.00
EV Charging Stations	\$ 15,130.00
CH, PW & PS Retrofit Rebate	\$ 5,309.00
<b>Total</b>	<b>\$ 74,352.00</b>

# Cost-Savings & EnergyCorps Valuation

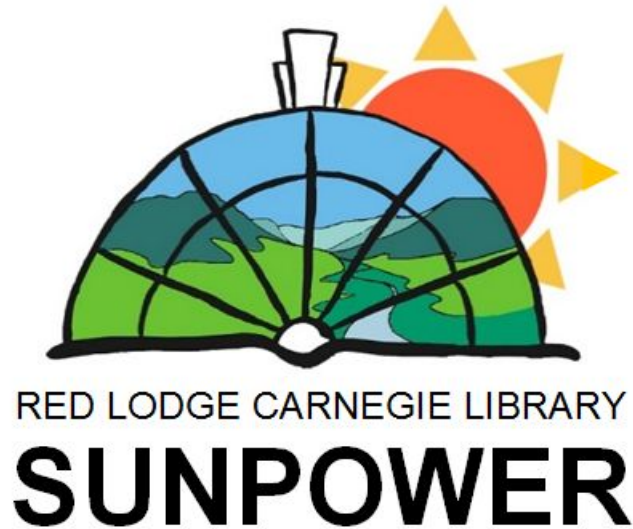
<b>Total EnergyCorps Value</b>	
Grants, Rebates and Donations for Projects	\$ 74,352.00
Documented Project Energy Savings	\$ 5,187.61
<b>Total</b>	<b>\$ 79,539.61</b>

# City Facility Upgrades

- Programmable Thermostat - 2019
- Occupancy Sensors - 2019
- Lions Park LED Retrofit - 2019
- Window Replacements - 2018
- Attic Insulation - 2018
- LED Building Retrofit - 2017
- LED Streetlight Retrofit - 2016



# Library SunPower



- Awarded USB Grant from NorthWestern Energy for \$24,377
- Successfully fundraised the remaining 10% of project costs, \$3,000
- Install to take place this summer
- Projected yearly production - 14,075 kwh
- Projected yearly electric savings - \$1,773

# Water Bottle Filling Station

- Assisting the Rotary Youth Leadership Awardees fundraise for the Water Bottle Filling Station at Pride Park
- Currently have raised \$10,014
- Grants pending for the remaining \$18,974



# SolSmart



- Designated a Silver SolSmart community by the US Department of Energy
- SolSmart is a nationwide program designed to decrease the soft-costs of solar installations and help City officials understand how their code and zoning relates to solar energy
- 4th SolSmart Community in Montana



# LED Retrofit on 24 Decorative Streetlights

- The 24 Decorative Streetlights on Broadway account for 17% of our total streetlight electric bill and cost us \$7,986 annually
- We've been asking NorthWestern Energy to retrofit them to LED since 2015
- NWE has now agreed to do the lights as a "Pilot Project" and is in the process of purchasing LED bulbs to install this summer
- Projected yearly savings - \$2,078



# Solarize 59068



- Solarize 59068 is a community campaign designed to decrease the cost of solar, educate the public, and take the guesswork out of the process
- Campaign goes from April 3rd until August 23rd
- Cost savings to participants is 18%
- 67 Site Assessments and 6 Contracts signed thus far!
- Info at [www.solarizedlodge.com](http://www.solarizedlodge.com)

# Additional Duties

- Red Lodge High School Green Team Co-Advisor
- Recycle Red Lodge Board Member
- Carbon County Resource Council Representative
- Electric and Gas Monitoring Sheets
- Implementation of the Energy Conservation Plan
- Expanded LED Building Retrofit
- Earth Day
- Yard Waste Composting
- Community Bike Share
- City Sustainability Website upkeep

EnergyCorps Host  
Site Application  
2019-2020

