



Member Owned ~ Service Proud
Your Touchstone Energy® Cooperative

Carbon Light Lines

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October 2022



JIM ROGERS
District 3 Director

Board Actions JULY 2022

Approved the Department Production and Financial Reports.

Approved Board Resolution 22-02 Retirement and 401(k) restatement.

Approved painting interior building and concrete driveway bids over budget.

ATTENTION

ETS USERS

To maximize your energy efficiency and lower your costs, double check your timers on your ETS units to make sure you are heating your home/office on the off-peak time.

October is National Co-op Month
From booming suburbs to scenic countrysides, electric co-ops play a vital role in shaping the local communities they serve.

Electric co-ops **power** over **21 million** homes, businesses, schools and farms in **48 states**.

We're all about you! **Co-op members** are at the **heart** of everything we do.

Electric co-ops were created to serve their **local communities**. We **love** powering your life!



Member-Owned Service - Proud



RUSSELL WALDNER, GENERAL MANAGER



As an electric cooperative, it is difficult to invest in new technologies that will not produce enough revenue or create a savings for our membership. We have been evaluating EV (Electric Vehicle) chargers, as we know this is the transportation fuel of the future.

Even if we were able to procure funding to install an EV charger at no cost the operational cost would be a burden on the membership for some time. I believe our area will be slow to transition to electric, as the range for pickups and tow vehicles is very limited at this time.

An EV charger as recommended by National Electric Vehicle Infrastructure (NEVI) Program is capable of charging four EVs at once and requires three-phase service with 600kW of transformer capacity. Most houses at Carbon have a single-phase 15kW transformer.

Carbon's cost for an overhead three-phase power line is \$80,000 per mile. The cost of the transformer and metering would be an additional \$26,000. If we look at underground the per mile costs increases to \$101,000 not including trenching.

The minimum monthly billing (zero usage)

for one of these installations would be \$1,638 plus sales tax. If one car were to charge for 45 minutes, this bill would increase to \$2,344.50 plus sales tax. After the first EV, the additional charges would \$6.89 plus sales tax if they were not charging at the same time. When two EVs charged at the same time, the monthly bill would increase \$2,310.75 plus sales tax. If four cars charged at the same time, the monthly bill would increase \$4,621.50 plus sales tax. If all these dollars are making your calculator overload, the monthly bill if four EVs charged at one time, for 45 minutes would be \$12,606.56 plus sales tax. If we assume that a charge to the EV driver would be \$60, Carbon's members just paid \$12,366.56 per month to fuel the future of transportation in just one location. As the EV increases charger visits the cost per visit will be lower. Current data suggest that a highly utilized charging location is used approximately 10 percent of the time (not located in Wyoming).

For more information visit Wyoming's Zero Emission Vehicles web page at this link: https://www.dot.state.wy.us/home/planning_projects/zero-emission-vehicles.html.



Member Statistics Report	July 2021	July 2022
Financial		
Total Utility Plant	\$49,944,261	\$50,068,297
Cost of Purchase Power	\$602,551	\$603,167
Expenses Less Power Cost	\$546,110	\$500,148
Tax & Interest Paid	\$63,501	\$58,488
Interest Received on Investments	\$2,022	\$2,215
Energized Line & Consumers		
Miles of Energized Line	1,991	1,994
Consumers Per Mile	3.2	3.3
Meters		
Total Meters	6,501	6,511
Residential/Rural	5,334	5,345
Irrigation	52	52
Large Power/Commercial	1,065	1,064
Other	50	50
kWh Usage		
Total kWh	7,851,772	8,239,223
Residential/Rural	2,561,053	2,748,991
Irrigation	751,099	544,393
Large Power/Commercial	4,388,497	4,789,171
Other	151,123	156,668
Averages		
Avg. Residential kWh Used	480	514
Avg. Residential/Rural Bill	\$88	\$92

Carbon welcomes any comments or questions members may have. If you have a question on any part of the cooperative business, please write or email the cooperative and we will see that your question is answered. *George J Parker* Mail comments to Carbon Power & Light, Inc. P.O. Box 579, Saratoga, WY 82331, ATTN: Newsletter or email info@carbonpower.com.

Visit our website at: www.carbonpower.com
 Edited by Joe Parrie

IF YOU HAVE A PROBLEM WITH YOUR POWER: Please check your breakers. If you can determine that your neighbors are also without power, call Carbon day or night at 307.326.5206 or 800.359.0249.

BOARD OF DIRECTORS

<u>DISTRICT 1</u>	<u>DISTRICT 2</u>	<u>DISTRICT 3</u>
Roger Cox	Shae Johnson	Joe Devine
Gary Jacobsen	Kenny Curry	Clay Thompson
Debbie Reichert	Everett Summers	Jim Rogers

For online bill pay or ACH: www.carbonpower.com
 For more information,
 please call the billing dept.

REMEMBER you can also pay your bill at the following location:

ANB
 3908 Grand Ave
 Laramie, WY

Energy Efficiency Tip of the Month

With winter weather on the way, now is the time to seal drafty windows. If you can see daylight around a window frame or if you can rattle a window (movement means possible leaks), the window likely needs to be sealed.

Most window leaks can be sealed with caulk or weatherstripping, which come in a variety of compounds and materials. Visit www.energy.gov/energysaver to learn how and where to seal air leaks.

Source: energy.gov



New Substations!!!

Improved reliability and added capacity for our members.



Centennial Substation

Little Laramie Substation



EVERY MEMBER HAS A VOICE
MAKE SURE YOURS IS HEARD
TOGETHERWESAVE.COM

facebook
follow us on Facebook



If you find your name in *asterisks* in this newsletter, contact Carbon Power & Light to receive a \$30 credit on your electric bill.

CARBON POWER & LIGHT

Office Hours

MAY - SEPTEMBER

Monday - Thursday ~ 7 AM - 5:30 PM

OCTOBER - APRIL

Monday - Friday ~ 8 AM - 4:30 PM

