

Carbon Light Lines

100 E. Willow Ave. • Saratoga, WY • 82331-0579 307.326.5206 • 800.359.0249 info@carbonpower.com www.carbonpower.com

October 2022



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.



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



Electric co-ops

your life!



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

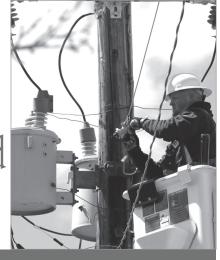
ATTENTION

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.



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: <u>www.carbonpower.com</u> 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

| DISTRICT 1 | DISTRICT 2 | DISTRICT 3 |
|-----------------|------------------------|-------------------|
| 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 capicity for our members.



Centennial Substation

Little Laramie Substation







