



Member Owned ~ Service Proud  
Your Touchstone Energy® Cooperative

# Carbon Light Lines

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

November 2023



DEBBIE RIECHERT  
District 1 Director

### Board Actions AUGUST 2023

Approved the Department Production and Financial Reports.

Approved Work Order Inventory #563 for \$3,844,456.57.

Approved Gary Jacobsen voting delegate for CFC.

**Carbon Power & Light, Inc.** wishes you and your family a wonderful and safe Thanksgiving Holiday!  
**Our office will be closed November 23 and 24, 2023.**

**IT'S A GREAT OPPORTUNITY!**



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CARBON POWER & LIGHT PRESENTS

**Youth Leadership Camp 2024!**  
July 13th - 18th

Call Carbon Power & Light for more information at:  
307-326-5206  
800-359-0249

This institution is an equal opportunity provider and employer

**CARBON POWER & LIGHT WANTS TO SEND YOU TO THE GLEN EDEN RESORT!**

### Reasons to attend the camp:

- Meet new friends at Glen Eden Resort.
- Fun activities: ride the gondola to the top of Mt. Werner, shopping in Steamboat Springs, river rafting and swimming to name a few.
- You may be selected to attend the NRECA's Youth Tour in Washington DC the following year! (also free)
- Tour a Solar Power Plant in the area.
- Learn about electric cooperatives and legislative processes.
- Learn how to form and operate your cooperative at the camp.

**Applications are due: January 22nd, 2024!**

We encourage high school Sophomores and Juniors to apply for this opportunity to spend a week in beautiful Clark, Colorado. Camp expenses are paid by Carbon Power! (except personal "shopping" money)

The applicant's parent or guardian must receive electricity from Carbon Power & Light to qualify.

For more information and to download an application, go to our website:

**www.carbonpower.com**



## Member-Owned Service - Proud



### RUSSELL WALDNER, GENERAL MANAGER



Sometimes I think everyone just gets what I'm saying...well most of the time. This time I'll start with my definition of words and phrases. Because it is confusing.

**Reliability:** the act of keeping the lights on all the time. **Grid:** the transmission system that provides Carbon Power and everyone else access to electricity. **Capacity Factor:** the amount of time an electric generator can provide name plate capacity. **Carbon** is good if emitted by you, bad if emitted from an electrical generator also good if it is a part of your cooperative's name. **Reserve Margin:** is the extra electricity we need to make sure we have a reliable grid.

Reliability of the grid is under intense pressure from low carbon emitting electric resources. The resources that traditionally provided base load electricity to the grid are mostly carbon based generators that have very high capacity factors. The capacity

factor for a carbon based generator is in the 95 percent or higher range. The capacity factor for a non-carbon emitting solar generator is in the 15 percent range. As we move to a lower carbon emitting grid we are finding that our reserve margin needs to be increased. Under the use of carbon based generators our reserve margin was in the 12 to 15 percent range. Under the lower carbon based generators the reserve margin will increase to 30 percent or more.

Low carbon emitting generators are generally lower cost than carbon based generators as there is generally no fuel cost. Reliability is what takes the hit. We all know that you get what you pay for. Free has always had some sort of fine print detail associated with it. In the low carbon generator the fine print detail is low carbon generation's fuel is not always available. Sometimes it is dark and sometimes it is calm. These examples are of the most utilized low carbon generators, wind and solar.

Carbon Power is working to assure we continue to provide safe, reliable and affordable electricity.

As always if you have concerns or questions please contact us.

Member Statistics Report	July 2022	July 2023
<b>Financial</b>		
Total Utility Plant	\$50,068,297	\$57,569,886
Cost of Purchase Power	\$603,167	\$627,181
Expenses Less Power Cost	\$500,148	\$529,485
Tax & Interest Paid	\$58,488	\$57,921
Interest Received on Investments	\$2,215	\$15,467
<b>Energized Line &amp; Consumers</b>		
Miles of Energized Line	1,994	2,013
Consumers Per Mile	3.3	3.3
<b>Meters</b>		
Total Meters	6,511	6,682
Residential/Rural	5,345	5,504
Irrigation	52	54
Large Power/Commercial	1,064	1,074
Other	50	50
<b>kWh Usage</b>		
Total kWh	8,239,223	8,549,961
Residential/Rural	2,748,991	2,815,299
Irrigation	544,393	484,050
Large Power/Commercial	4,789,171	5,085,367
Other	156,668	165,245
<b>Averages</b>		
Avg. Residential kWh Used	514	512
Avg. Residential/Rural Bill	\$92	\$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.\*Charles Huff\* 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](http://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: [www.carbonpower.com](http://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

Did you know fall is the perfect time to schedule a tune-up for your heating system? Home heating accounts for a large portion of winter energy bills, and no matter what kind of system you have, you can save energy and money by regularly maintaining your equipment.

Combining proper equipment maintenance and upgrades with recommended insulation, air sealing and thermostat settings can save about 30% on your energy bills.

Source: Dept.  
of Energy





## Attention Time of Day Customers

If you are an owner of Electric Storage Heating System(s), do not forget to adjust your timer(s)!

**Day Light Saving Time Ends  
November 5, 2023!**

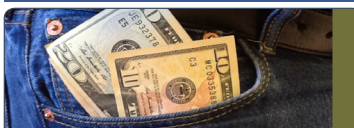
*Check our website for timer instructions.*



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

