




# Co-op News from Wyrulec Company

Your Touchstone Energy® Cooperatives   
The power of human connections

October 2010

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## From your manager



Miller

We hope the harvest of your crops, gathering and/or shipping of cattle, and just enjoying the fall is going good for you. As I write this we have had little moisture in most of the service territory for a couple of months. We could use a good shot of rain to get the ground ready for next year.

### Irrigation season is coming to a close

As with last year, we plan to leave most--if not all--of the irrigation services energized over the winter. In past years, we would de-energize those services, but, we are finding that it may be better to simply leave them on. If you have a need to move the pivot over the winter, the service will be available for you to do that. We hope your irrigation season and the service provided was what you expected.

### Financial condition for 2010

As the year-end approaches, we continue to evaluate the financial condition of the cooperative to see how we plan to end this year and budget and plan for next year. \*Stanley Buller\* The load and revenue in the summer is directly proportional to the amount of rainfall we receive and the irrigation revenue is a large portion of the overall annual revenue received. Due to overall dry conditions, we experienced significant irrigation load and subsequent revenue for usage during the months of July and August. Wyrulec is in strong financial condition and we plan on keeping it that way.

### National Guard update

As referenced in previous months, we are working on extending a new three-phase powerline from our Whipple Substation near Guernsey approximately 17 miles north into the North Training Area. We have two contractors (Ward Trenching and Colorado Powerlines Inc.) working in that area now and we may have another depending on how the bids come in for the third phase of the project. Our plan is to have it all completed by the end of the year. This project is totally funded by the Wyoming National Guard.

We also have a contractor working on a three-phase line rebuild south of the Rock Shop. These contractors have been a big help to us as we get through these larger projects. If you have noticed a significant amount of line construction material located at our pole yard near the Rock Shop, it is to keep these contractors busy.

Again I hope your fall is going as planned and if you have any questions, please feel free to call the office or you can reach me on my cell almost any time at (307) 575-2435.



# Looking back in time – what were typical

Sorting through some files from earlier periods of Wyrulec Company’s existence, we came across a report from the Federal Power Commission.

## *Now called the Federal Energy Regulatory Commission (FERC)*

The Federal Power Commission was formed in 1935 when President Franklin Roosevelt amended the Federal Water Power Act of 1920 to create the Federal Power Act.

The mission of the Federal Power Commission was to regulate electricity sales across state lines.

## *Collect information*

The FPC also had a duty to secure and keep current information regarding the ownership,

operation, management, and control of all facilities for generation, transmission, distribution, and sale of electricity throughout the United States and its possessions.

Thanks to the FPC, Wyrulec Company was able to enjoy the “Typical Net Monthly Bills, Wyoming,” report, dated January 1, 1938.

As you review the portion of this report we’ve reprinted below, keep these salient facts in mind: 1) Wyrulec Company was officially organized Oct. 9, 1936, when the by-laws were approved at the first board meeting; \*Swade R. Prewitt\* 2) Wyrulec Company energized its first lines Dec. 5, 1937; 3) Wyrulec Company was the first electric cooperative organized in the state and the first one to energize lines; 4) there are no Wyoming electric

cooperative numbers reflected in this report; 5) the report was extremely useful to Wyrulec Company and other Wyoming electric cooperatives attempting to figure out how to ensure that the new co-ops would achieve financial stability and remain viable for at least as long as it took to pay off their first federal REA loan, while delivering affordable value to their members.

The following is directly from the report.

Typical net monthly bills are shown for residential service in communities of 250 population or more, for commercial services in communities of 2,500 population or more, and for industrial service in communities of 10,000 population or more. In presenting these bills, the Commission makes no attempt to determine their reasonableness. Many factors operate to explain differences in the level of rates. Such factors, however, were not considered in preparing this report.

During the period January 1, 1937 to January 1, 1938, rate changes resulting in a reduction in one or more of the typical bills shown for residential electric service were made in 11 communities or 18.0 percent of the 61 communities of 250 population or more, for which bills are shown in Table 1. These changes were made by 8

### HIGHEST AND LOWEST TYPICAL BILLS

Communities of 1,000 population or more  
By population groups, January 1, 1938

kWh	Lowest bills	Amount	Highest bills	Amount	% difference
Communities of 10,000 to 50,000 population					
25	Cheyenne	\$2.13	Casper	\$2.25	5.6
100	do	\$4.75	do	\$4.95	4.2
250	do	\$9.25	do	\$10.35	11.9
Communities of 2,500 to 10,000 population					
25	Evanston	\$1.70	Salt Creek Oil Field	\$2.82	65.9
100	do	\$3.85	do	\$9.87	156.4
250	do	\$7.70	do	\$22.09	186.9
Communities of 1,000 to 2,500 population					
25	Superior	\$1.90	Wheatland* & Kemmerer	\$3.00	57.9
100	Torrington*	\$4.60	Lusk*	\$8.00	73.9
250	Cody*	\$7.45	Kemmerer	\$14.50	94.6

There are no communities in Wyoming with a population of 50,000 or more. Asterisk (\*) denotes community served by a publicly owned utility.

\*Kimberly A Henson

# residential power bills in 1937?

utilities or 22.2 percent of the 36 utilities serving these communities. Rate changes resulting in an increase in one or more of the typical bills were made in 1 or 1.6 percent of the 61 communities.

The highest and lowest typical bills for the specified residential electric services for communities in the same population group are shown in the following tabulation:

The average charge per kilowatt-hour for the first 25 kilowatt-hours and the average charge per kilowatt-hour for the increased consumption between 25 and 100 kilowatt-hours, between 100 and 250 kilowatt-hours, and between 250 and 500 kilowatt-hours are shown in the four right-hand columns of Table 1. Typical Bills for Residential Service.

The charges for the increased consumption are called, "incremental charges."

The average charge per kilowatt-hour for the first 25 kilowatt-hours represents the unit price of energy used principally for lighting; \*Robert J Hickman\* the average incremental charge for the next 75 kilowatt-hours represents the unit price of energy used principally for refrigeration; the average incremental charge for the next 150 kilowatt-hours represents the unit price of energy used principally for cooking; and the average incremental charge for the

next 250 kilowatt-hours represents the unit price of energy used principally for water heating.

The following tabulation compares the three highest and the three lowest incremental charges for the four principal residential electric services—lighting, refrigeration, cooking, and water heating.

## Notes to FPC report readers

The data for the typical bills reported by the utilities were submitted on forms provided by the Federal Power Commission. The data were reviewed in the Commission's offices, and all necessary changes were submitted to the

reporting utility for approval. In a few cases the utilities failed to effect the necessary reconciliation of such differences within the designated time limit. The commission is not responsible for any errors that may result from such failure to respond.

A number of rate changes are known to have taken place during the interval between January 1, 1938 and the publication of this report. Such changes are not, of course, reflected in the tables. Changes in rate schedules are not made at predetermined intervals of time; hence data published as of any stated date may not in some instances reflect conditions prevailing at the time of publication.

Energy	Lowest Average Incremental Charges per kWh		Highest Average Incremental Charges per kWh	
	Community	Amount	Community	Amount
First 25 kWh	1 Lingle*	6.3¢	1 Hudson & Saratoga	16.2¢
	2 Evanston	6.8¢	2 Rock River	16.0¢
	3 Laramie	7.0¢	3 Meeteetse & 3 others	15.0¢
Next 75 kWh	1 Evanston	2.9¢	1 Rock River	16.0¢
	2 Dayton & Sheridan	3.3¢	2 Hudson	12.3¢
	3 Cokeville & 2 others	3.4¢	3 Moorcroft	10.7¢
Next 150 kWh	1 Cody*	1.5¢	1 Rock River	16.0¢
	2 Afton	1.7¢	2 Sundance	10.0¢
	3 Lusk* & Wheatland*	1.8¢	3 Hudson	9.5¢
Next 250 kWh	1 Cokeville	1.0¢	1 Rock River	12.0¢
	2 Evanston	1.1¢	2 Sundance	10.0¢
	3 Green River	1.2¢	3 Saratoga	9.0¢

Asterisk (\*) denotes community served by a publicly owned utility.

WYOMING

Table 1. Typical Net Monthly Bills, Jan. 1, 1938  
RESIDENTIAL SERVICE Communities of 250 population or more

Line number from original Table 1.	Community	Population	Lighting and small appliances				100 kWh Lighting, small appliances, & refrigeration	250 kWh Lighting, etc., refrigeration, & cooking	500 kWh Lighting, etc., refrigeration, cooking, & water heating	Average charge in cents per kWh for				Name of utility serving community	
			Minimum bill	kWh inc.	15 kWh	25 kWh				40 kWh	25 kWh bill (principally lighting)	Incremental use between			
												Amount	25 and 100 kWh bills (principally refrigeration)		100 and 250 kWh bills (principally cooking)
			Amount	kWh inc.	15 kWh	25 kWh				40 kWh	100 kWh	250 kWh	500 kWh		25 kWh bill (principally lighting)
7	Chugwater*>	286	\$1.50	10	\$2.00	\$3.00	\$4.20	\$7.50	\$12.00	\$19.50	12.0	6.0	3.0	3.0	Chugwater Town of
8	Cody*	1800	\$1.20	12	\$1.50	\$2.20	\$2.80	\$5.20	\$7.45	\$11.20	8.8	4.0	1.5	1.5	Cody Muncpal Light Plant
14	Douglas>	1917	\$1.40	14	\$1.50	\$2.50	\$3.60	\$5.12	\$9.45	^14.45	10.0	3.5	2.9	2.0	Mountain States Power Co
15	Edgerton	269	\$2.00	16	\$2.00	\$2.90	\$4.00	\$7.00	\$14.50	\$27.00	11.6	5.5	5.0	5.0	Mountain States Power Co
26	Guemsey*>	656	\$1.30	13	\$1.50	\$2.50	\$3.40	\$5.50	\$10.00	\$17.50	10.0	4.0	3.0	3.0	Guemsey Town of
31	Laramie	8609	\$1.00	14	\$1.05	\$1.75	\$2.80	\$4.60	\$8.60	\$13.85	7.0	3.8	2.7	2.1	The Western Public Serv Co
32	Lingle*>	415	\$0.90	10	\$1.13	\$1.58	\$2.25	\$4.95	\$10.35	\$19.35	6.3	4.5	3.6	3.6	Lingle Town of
34	Lusk	1218	\$1.50	13	\$1.65	\$2.75	\$4.40	\$8.00	\$10.63	\$19.38	11.0	7.0	1.8	3.5	Lusk Dept of Light and Power
36	Medicine Bow	264	\$1.50	10	\$2.10	\$3.50	\$5.20	\$8.80	\$17.80	\$32.80	14.0	7.1	6.0	6.0	Medicine Bow Electric
41	Newcastle>	1201	\$1.50	12	\$1.80	\$2.90	\$3.80	\$6.20	\$11.65	\$19.15	11.6	4.4	3.6	3.0	Mountain States Power Co
42	Parco	727	\$1.00	10	\$1.30	\$1.90	\$2.65	\$5.65	\$13.15	\$25.65	7.6	5.0	5.0	5.0	The Utilities Co
59	Thermopolis	2129	\$1.50	15	\$1.50	\$2.50	\$3.40	\$5.80	\$11.05	\$20.00	10.0	4.4	3.5	3.6	Mountain States Power Co
60	Torrington*	1811	\$1.00	10	\$1.35	\$2.05	\$3.10	\$4.60	\$8.80	\$15.80	8.2	3.4	2.8	2.8	Torrington Elec Light Dept
61	Upton*	373	\$2.00	13	\$2.25	\$3.75	\$5.55	10.35	\$20.15	\$35.15	15.0	8.8	6.5	6.0	Upton Mun Light and Water
62	Wheatland*	1957	\$1.00	8	\$1.80	\$3.00	\$4.80	\$6.75	\$9.50	\$17.00	12.0	5.0	1.8	3.0	Wheatland Light and Wtr Dept
63	Worland	1461	\$1.00	10	\$1.50	\$2.50	\$3.40	\$5.80	\$11.25	\$2.00	10.0	4.4	3.6	3.5	Mountain States Power Co
64	Yoder	266	\$1.50	13	\$1.65	\$2.75	\$3.80	\$5.90	^9.50	\$14.50	11.0	4.2	2.4	2.0	Mountain States Power Co

Asterisk (\*) denotes community served by a publicly owned utility.  
Greater-than sign (>) denotes that bills for residential service in this community have been changed since January 1, 1937.

Caret (^) denotes that bill for 500 kWh has been computed under a rate which limits the hours of use of water-heating devices.  
Not all towns listed in the original Table 1 are listed here.

**Don't miss a word**  
Each month, we hide the names of five members, one from each district, in this newsletter. If you see your name this month, please call and we'll give you a \$25 bill credit.

**❁ No need to stand around in the dark ❁**  
We have CFLs in stock that are 100-watt replacements. They will fit into any light fixture rated over 23 watts (anywhere a 60- to 100-watt incandescent bulb is now). They operate at 23 watts but provide light equal to a 100-watt incandescent. They are \$1.00 each.