

NORTH PLATTE DECREE COMMITTEE MEETING

DRAFT Minutes

April 11, 2019

**Due to inclement weather and travel conditions, the spring 2019 NPDC meeting was held by conference call.*

Attendees:

Representatives of the NPDC:

Carlie Ronca, Bureau of Reclamation (Reclamation)

Erin Light (alternate for Kevin Rein), Colorado Division of Water Resources (CO)

Rick Deuell, Wyoming State Engineer's Office (WY)

Gordon W. "Jeff" Fassett, Nebraska Department of Natural Resources (NE), NPDC Chair

Others in Attendance:

Rob Foreman	WY	Jeremy Gehle	NE
Kent Becker	WY	Emily Rose	NE
Brian Pugsley	WY	Isabella Peterson	NE
Jeff Cowley	WY	Shane Hayden	Reclamation
Charlie Ferrantelli	WY	Matt Wells	Reclamation
Beth Eckles	NE	Lyle Myler	Reclamation
Melissa Mosier	NE	Dennis Strauch	Pathfinder ID
Tom Hayden	NE	Bill Pierce	Alliance ID
Carrie Wiese	NE		

1. Introductions

The NPDC meeting was called to order at 1:03 p.m. MT on April 11, 2019, via conference call and Zoom meeting hosted by NeDNR, and began with introductions by meeting attendees. The attendance list from the meeting is *Attachment A*.

2. Review Agenda

A draft agenda was distributed to the NPDC members on March 20, 2019, and a final proposed agenda was distributed on March 29, 2019. There were no changes recommended and the meeting proceeded per the agenda, which is *Attachment B*.

3. Approve Minutes from October 17, 2018, Meeting

The final draft minutes for the October 17, 2018, NPDC meeting held in Torrington, WY, were distributed via email by Nebraska on March 8, 2019.

Motion to approve the October 17, 2018, NPDC meeting minutes: Reclamation motioned, Wyoming seconded, the motion carried.

The signature page for the October 2018 NPDC meeting minutes is *Attachment C*.

4. Water Administration, Operational/Accounting, Allocation Issues, Other

4.1. Wyoming

Brian Pugsley provided the water administration report for Wyoming. Snow pack in the Upper North Platte Basin is at 115% of normal as of April 8, which does not include the most current snow storm, and was at 94% last year at this time. The Sweetwater River is at 91%, compared to 87% last year at this time. The Lower North Platte River Basin is at 122%, which was at 71% last year. The Laramie River drainage is at 111%, and last year was at 106%. National Weather Service is predicting 950,000 af of runoff from above Seminoe coming from the North Platte and Medicine Bow drainages; the Sweetwater drainage has a predicted runoff of 47,000 af; the Laramie River drainage is showing 194,000 af; Wheatland Irrigation District #2 is at 49,000, or about 50% of their 98,000 af; Wheatland #3 accrued 38,000 of their 71,000 af; Grayrocks is now at 95,000 af of their 104,000 af; Hawk Springs Reservoir is full; Lake Hattie is at 36,000 af of their 65,000 af. LaPrele Irrigation District is now at 5,000 af, has capacity to store 20,000 af, but will likely fill and could spill. However, they will probably prevent the reservoir from spilling due to spillway issues. The only administration is currently on the Laramie for Wheatland Reservoir #2, and has been in place since October 1, 2018.

4.2. Bureau of Reclamation

Carlie Ronca, introduced Shane Hayden, Reclamation's new Water and Civil Works Branch Supervisor, who gave their water report.

At the end of water year 2018, there was a total of 1.6 M af of system storage, being 115% of average; as of March 31st, total system storage is 1.8 M af, which is 110% of average; forecast for drainage into Seminoe Reservoir is 800,000 af, which is 117% of average; Sweetwater is 45,000 af, being 84% of average; Alcova to Glendo reach 160,000 af, which is 119% of average. Based on the current storage and the forecasts, Reclamation is projecting a full irrigation supply for water year 2019. For the ownerships, as of March 31, 2019, the Kendrick Project is 84% of full; Guernsey is 78% full; Pathfinder is 57% full; Inland Lakes is 40% full; Glendo is 79% full; we are projecting that Pathfinder and Inland Lakes ownerships will fill; Kendrick will not fill; Glendo will fill all accounts, with the exception of the evaporation portion. The May 1st forecast will include the recent storms.

4.3. Nebraska

Tom Hayden reported for Nebraska. No water administration is occurring at this time. Since October 2018 to March 2019, precipitation total was 6.6 inches, or 178% of normal. Not counting the latest snow storm (April 15th-16th), snow fall totals are 53" in the Panhandle. While the ground was frozen earlier this year, the melting snow ran off the fields, but now the current warmer weather is causing the snow to melt and making access to the fields difficult. Operators are behind in planting beets, and likely will see a lot of late crop planting. About 45 head of cattle were lost due to the mid-March snowstorm.

4.4. Colorado

Erin Light provided the report for Colorado. The snow pack looks good in the headwaters of the North Platte River, which is at 115% as of April 10, 2019, compared to last year when it was 100%. Reporting that approximately 105,000 acres was irrigated, which is approximately 5,000 fewer acres than last year; stored approximately 7,200 af for irrigation purposes; and trans-basin diversions were about 4,640 af, making the ten year aggregate approximately 32,400 af. In the years following the 2002 and 2012 drought, Colorado bumped up against its storage limit of 17,000 af. With 2018 being a dry year and 2019 showing to be a wet year, Colorado does not want to hit up against its storage limit as with a previous dry/wet year scenario. Colorado is cognizant about tracking storage levels and will be keeping a close eye on the storage limit.

5. Review and Modify Natural Flow and Ownership Procedures for Water Year 2019 and Part C Supplemental Accounting Procedures for 2018 Allocation Water Year

Brian Pugsley reported that the Control Crest Subcommittee, and at times the Natural Flow and Ownership Accounting Ad-Hoc Subcommittee, will review the annual procedure document. Generally, the document doesn't change except for updating the current water year. He stated that the water year update was the only revision in the procedure document for the 2019 (*Attachment D*).

Motion to approve the North Platte River Natural Flow and Ownership Accounting Procedures for Water Year 2019: Reclamation motioned, Wyoming seconded, motion carried.

6. Replacement Water – Exhibit 10, Paragraph D.3.: Compile information regarding the estimated number of “trigger days”

Reclamation referenced their letter dated March 12, 2019, which indicated 85 water replacement days for water year 2018. In Wyoming's letter sent out on March 18, 2019, they also indicated 85 water replacement days. Nebraska provided verbal agreement with the 85 water replacement days calculation.

7. Activities Due or to be Initiated by Spring 2019 – Brief Status Reports/Updates (as per settlement timeline adopted April 12, 2002)

Jeff Cowley shared the information for the 12 reports distributed by Wyoming under agenda item 7. A written summary from Wyoming is included as *Attachment E*.

Question: Did you see any trends, or was last year unique in anyway?

Answer: Last year went as planned as far as intentional irrigation for a dry year. The number of acres irrigated last year was 206,314, and this year there were 178,890 acres, so a sharp downward trend for intentionally irrigated acres. This was very similar to the drop off seen from 2011 to 2012.

8. Informational Items

8.1. Diversion of Natural Flow with Inland Lakes water (Pathfinder Irrigation District)

Dennis Strauch from Pathfinder Irrigation District indicated that the Pathfinder Irrigation District (PID) usually makes a request to the NPDC to be allowed to deliver natural flow water while transferring water into Inland Lakes Reservoir. This process involves using piggy back accounting to count water as natural flow, as well as transferred Inland Lakes storage water. Mr. Strauch is making the same request for 2019.

Wyoming stated they don't have any issues with PID moving natural flow to Inland Lakes and at the same time as delivering natural flow water to Wyoming and Nebraska land. Carlie Ronca said that Reclamation also supports this procedure for 2019.

Motion to approve Dennis Strauch's (PID) request to deliver natural flow while transferring into Inland Lakes storage for 2019: Reclamation motioned, Wyoming seconded, the motion carried.

8.2. Basin Electric Power Company

Representatives from Basin Electric Power Company were not present. Jeff Cowley had a conversation with Levi Mickelsen from Basin Electric who indicated that the negotiations have not resulted in a renewal of their contract to use the Johnson wellfield as a back-up supply of water. Since the Johnson wellfield is mentioned in Exhibit 3 of the North Platte Decree, Basin Electric will continue to update the NPDC as they move forward and determine their next steps.

8.3. Platte Alliance Water Supply – PAWS

Representatives from PAWS were not present. The NPDC representatives did not have any new updates on the PAWS project.

8.4. PRRIP extension – update

Jeff Fassett noted that the Platte River Recovery Implementation Program's (PRRIP) congressional authorization ends at the end of 2019. Congressional legislation for a 13-year extension of PRRIP's 1st increment has been introduced by U.S. Senator Barrasso from Wyoming, with co-sponsors from Nebraska and Colorado. There is also work occurring to get a mirror bill introduced into the House of Representatives.

8.5. Glendo Reservoir – Flood control pool repurposing

The Glendo Reservoir Full Utilization study was an effort lead by the Wyoming Water Development Office, the Bureau of Reclamation, and the Army Corps of Engineers. Carlie Ronca said the final report was received by her office in late December 2018.

9. Reports of Standing Subcommittees

9.1. Control Crest Subcommittee (Chair: B. Pugsley)

The CCSC met on January 30, 2019 and discussed the North Platte River streamgages. Brian Pugsley summarized the CCSC's recommendations (e.g., measurement shifts, intervals between measurements, rating tables, etc.) for the streamgage sites, which were agreed to by the CCSC members unanimously. Due to the presence of a large sandbar near the cableway, staff are measuring two different channels at that site. Rechanneling the river at this site is not currently a viable option, and instead, a pulley

system and ADCP (acoustic Doppler current profiler) boat is being used and providing good measurements. The 2019 Water Year measurement schedule for Control Crest Sites is attached to the CCSC's report (*Attachment F*).

9.2. Consumptive Use Subcommittee (Chair: M. Mosier)

Melissa Mosier presented an invoice for Wyoming's work related to the weather stations from April 2018 through March 2019. Jeff Cowley provided a summary of the costs represented on the weather station invoice.

Melissa Mosier reported that the subcommittee met for a workshop in Scottsbluff, NE on March 21, 2019. At the workshop, the subcommittee members reviewed the data and methods currently used for Wyoming's annual consumptive use report, and discussed potential options available that could provide more accurate data, as well as methods to analyze that data. Charlie Ferrantelli reported that the data associated with the method currently used by Wyoming to calculate consumptive use is no longer consistent with the data used to calculate the consumptive use cap. For example, weather stations that used to be located in agricultural areas have been moved to non-agricultural areas, likely providing less applicable data. ***The CUSC would like to discuss other available methods, including remote sensing options. Jeff Cowley pointed out that Exhibit 6 in the Decree requires that better methods to calculate the consumptive use be investigated and implemented. Through their planned discussions, the CUSC will also consider that, at this point, the Above Guernsey Area survey or irrigation practices is still required to be conducted in 2021. The CUSC is requesting approval to hold one or two more workshops before the fall 2019 NPDC meeting to further explore these options.***

Finally, at the request of the NPDC at the fall 2018 meeting, Rob Foreman has provided a memo outlining data that the Wyoming SEO already collects and that could be useful to future methods of determining consumptive use. The memo is attached to the CUSC's report (*Attachment G*).

Action items presented to the NPDC for approval were:

- ***Approve payment of invoice #NPDC_WS-4, April 11, 2019, for \$6,249.64).***
- Approve CUSC's continued exploration of alternative data and methods for determining consumptive use and considering the 2021 Above Guernsey Survey through one to two CUSC workshops to be held prior to the fall 2019 NPDC meeting.

Motion to approve both action items presented by the CUSC: Wyoming motioned, Reclamation seconded, motion carried.

9.3. Replacement Water Subcommittee (Chair: M. Mosier)

Melissa Mosier stated that the RWSC has not taken any action since the fall 2019 NPDC meeting. ***The members of the RWSC will be included in the discussions held at the CUSC workshops over the summer 2019 and the Triangle Area survey scheduled to be***

conducted by the RWSC in 2022 will be considered in those discussions. The RWSC report is included as *Attachment H*.

9.4. Finance Subcommittee (Chair: J. Cowley)

Jeff Cowley reported that the Nebraska Community Foundation sent the NPDC financial statement dated February 28, 2019, which includes the current balances for each NPDC party. The 2018-2019 WY weather station invoice for \$6,249 64, includes the 5% NCF fees. The only action item presented by the FSC for this meeting is the approval page for the 2018-2019 WY weather station invoice. The FSC report is included as *Attachment I*.

Motion to approve the FSC report and the 2018-2019 WY weather station invoice approval page: Reclamation motioned, Wyoming seconded, motion carried.

9.5. Official Files Subcommittee (Chair: M. Mosier)

Melissa Mosier reported that official files sent to SharePoint Inbox since October 2018 have been reviewed by the OFSC members and approved. The NPDC Representative and Subcommittee membership list has been updated since the October 2018 NPDC meeting, and is presented under agenda item 10. After receiving approval from the NPDC at the October NPDC meeting to move forward with an amendment to the Official Files document and database services contract with The Flatwater Group (TFG), the OFSC has worked with both the NCF and TFG on a draft amendment that is acceptable to the parties. The contract is between the NCF, on behalf of the NPDC, and TFG. The amendment covers the increase costs associated with setting-up separate user accounts in the SharePoint database for each of the four NPDC parties in order to implement a multi-factor authentication security system. This will cost \$5 per user per month. The current contract with TFG for official files maintenance is \$5,244/year, and the amendment will increase the cost to \$5,484/year. The amendment to the TFG contract is included in the OFSC report (*Attachment J*).

Motion to approve Amendment One to the contract between TFG and the NCF for ongoing support of the Official Files document and database management system, with a new annual cost of \$5,484/year. Wyoming motioned, Colorado seconded, motion carried.

9.6. Ad Hoc Natural Flow and Ownership Subcommittee (Chair: Pugsley)

Brian Pugsley reported that the Ad-Hoc NFOSC was tasked by the NPDC at the October 2018 meeting to look into the diversion of natural flow by the Pathfinder Irrigation District (PID). The NFOSC met on January 30, 2019, and Dennis Strauch (PID) was able to attend and provide some background on PID's past and current operations. WY isn't concerned with deliveries of natural flow to appropriators by PID, but the accounting used for natural flow water that PID diverts at Whalen after all Inland Lakes ownership has been transferred and stores in the Inland Lakes. Possibly the diverted, natural flow water should be accounted as transferred Pathfinder ownership water, if it is stored by PID. WY is concerned that the storage of this water could potentially injure other North Platte ownerships (e.g., Glendo contractors and the Kendrick project), especially if it is

stored before the other ownerships fill. NE considers this to be a portion of their 75% share of natural flow, which can be utilized as NE deems appropriate. The NFOSC met again on March 8, 2019, and discussed different scenarios and methods for accounting for this water. The NFOSC met one more time on April 1, 2019, to continue discussions related to this water, and again, were not able to come to consensus on a solution.

The NFOSC requests additional discussion on this topic, including more involvement and direction from the NPDC principals. ***The NFOSC will schedule a meeting at which the subcommittee members, the NPDC representatives, and Dennis Strauch can meet to discuss this topic further.*** The NFOSC report is included as *Attachment K*.

10. Review NPDC Representative & Subcommittee Membership

Melissa Mosier reported that the NPDC Representative & Subcommittee Membership list has been update since the October 2018 NPDC meeting. The following changes were made and are included in *Attachment L*:

- Patrick Tyrell has been replaced by Rick Deuell under the WY Representatives
- Daryl Kohut has been replaced by Art Hill as the Reclamation representative on the Official Files Subcommittee
- Daryl Kohut has been replaced by Shane Hayden as the Reclamation representative on the Groundwater Wells Subcommittee

Reclamation requested that the following changes be made to the list:

- Art Hill will be replaced by Shane Hayden as the Reclamation representative on the Control Crest Subcommittee
- Art Hill will be replaced by Shane Hayden as the Reclamation representative on the Ad-Hoc Natural Flow and Ownership Subcommittee

11. Meeting Summary

11.1. Future Agenda Items

- Update on Basin Electric and the Johnson wellfield
- Update on 2019 PID operations from Dennis Strauch
- Update from the NFOSC on meeting with principals and pilot accounting system for natural flow with Inland Lakes water
- Report on CUSC consumptive use workshop discussions

11.2. Schedule October 2019 NPDC Meeting and Location

The fall 2019 NPDC meeting will be scheduled as soon as possible by Nebraska. The meeting will be held in Scottsbluff, NE.

Nebraska as NPDC Chair, and the individual subcommittee chairs, will arrange for any necessary signatures.



Attendance Sheet

April 11, 2019 | Conference Call | 1:00 p.m. (MT) / 2:00 p.m. (CT)

Name	Representing
1. Carlie Ronca	Bureau of Reclamation
2. Erin Light	Colorado
3. Rick Deuell	Wyoming
4. Gordon "Jeff" Fassett	Nebraska
5. Rob Foreman	Wyoming
6. Kent Backer	Wyoming
7. Brian Pugsley	Wyoming
8. Jeff Cowley	Wyoming
9. Charlie Ferrantelli	Wyoming
10. Beth Eckles	Nebraska
11. Melissa Mosier	Nebraska
12. Tom Hayden	Nebraska
13. Carrie Wiese	Nebraska
14. Jeremy Gehle	Nebraska
15. Emily Rose	Nebraska
16. Isabella Peterson	Nebraska
17. Shane Hayden	Bureau of Reclamation

18. Matt Wells	Bureau of Reclamation
19. Lyle Myler	Bureau of Reclamation
20. Dennis Strauch	Pathfinder Irrigation District
21. Bill Pierce	Alliance Irrigation District
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AGENDA

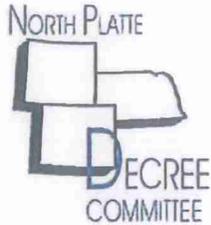
North Platte Decree Committee (NPDC) Meeting

1:00 p.m. (MT), April 11, 2019

Brand Room, Goshen County Fair Grounds
7078 Fairgrounds Rd, Torrington, WY 82240
Torrington, Wyoming

1. Introductions
2. Review Agenda
3. Approve Minutes from October 2018 Meeting
4. Water Administration, Operational/Accounting, Allocation Issues, Other
 - 4.1 Wyoming
 - 4.2 Bureau of Reclamation
 - 4.3 Nebraska
 - 4.4 Colorado
5. Review and Modify Natural flow and Ownership Procedures for Water Year 2019 & Part C Supplemental Accounting Procedures for 2019 Allocation Water Year
6. Replacement Water – Exhibit 10, Paragraph D.3.: Compile information regarding the estimated number of “trigger days” (Reclamation)
7. Activities Due or to be Initiated by Spring 2019 – Brief Status Reports/Updates (as per settlement timeline adopted April 12, 2002)
 - 7.1 Exhibit 4, Paragraph IV.A. & C.: Accounting of Intentionally Irrigated Lands from Surface Water Sources upstream of Guernsey Reservoir and Transfers and Reporting pursuant to Paragraph II(e) of the Modified Decree (Wyoming)
 - 7.2 Exhibit 4, Paragraph V.: Maintenance of Data and Records Supporting the Annual Intentionally Irrigated Acreage Report (Wyoming)
 - 7.3 Exhibit 4, Paragraph IV.B.: Amount of intentionally irrigated acreage from hydrologically connected groundwater included in annual report (Wyoming)
 - 7.4 Exhibit 5, Paragraph II.: Wyoming will begin recording, compiling, and reporting to the NPDC cumulative irrigation diversions of surface water from the main stem between Pathfinder and Guernsey during each two-week period beginning on May 1st during allocation years (Wyoming)
 - 7.5 Exhibit 6, Paragraph D.3.: Report of Consumptive Use Calculations (Due May 15th) (Wyoming)
 - 7.6 Exhibit 10, Paragraph C.1.c.: Initiation of the Delivery of Required Replacement Water (Wyoming)
 - 7.7 Exhibit 10, Paragraph C.1.d.: Complete and Report to the NPDC the list of active

- baseline wells (Wyoming)
- 7.8 Exhibit 10, Paragraph D.1.: Collect and Provide to the NPDC groundwater pumping data (Wyoming)
- 7.9 Exhibit 12, Paragraph IV.A.: Accounting of Intentionally Irrigated Lands from Surface Water Sources in the Lower Laramie Basin and Transfers (Wyoming)
- 7.10 Exhibit 12, Paragraph V.: Maintenance of Data and Records Supporting the Annual Intentionally Irrigated Acreage Report (Wyoming)
- 7.11 Exhibit 12, Paragraph I/V.B.: Amount of intentionally irrigated acreage from hydrologically connected groundwater included in annual report (Wyoming)
- 7.12 Exhibit 13, 14, and 15: Monthly Water Rights Reporting and Annual Report of water pumped from post 2000 wells in Wheatland Irrigation District (Wyoming)
- 8. Informational Items
 - 8.1 Pathfinder Irrigation District, Diversion of Natural Flow with Inland Lakes water
 - 8.2 Basin Electric Power Company
 - 8.3 Platte Alliance Water Supply – PAWS
 - 8.4 PRRIP extension – update
 - 8.5 Glendo Reservoir – Flood control pool repurposing
- 9. Reports of Standing Subcommittees
 - 9.1 Control Crest Subcommittee (Chair: Pugsley)
 - 9.2 Consumptive Use Subcommittee (Chair: Mosier)
 - 9.3 Replacement Water Subcommittee (Chair: Mosier)
 - 9.4 Finance Subcommittee (Chair: Cowley)
 - 9.5 Official Files Subcommittee (Chair: Mosier)
 - 9.6 Ad Hoc Natural Flow and Ownership Subcommittee (Chair: Pugsley)
- 10. Review NPDC Representative & Subcommittee Membership
- 11. Meeting Summary
- 12. Future Agenda Items
- 13. Schedule Fall 2019 NPDC Meeting and Location (Scottsbluff)



NPDC Final Minutes – October 17, 2018, Meeting Signature Page

Final October 17, 2018, NPDC Meeting Minutes

- Attachment A - Attendance Sheet
- Attachment B - Agenda
- Attachment C - Signature Page for the April 11, 2018, NPDC meeting minutes
- Attachment D - Johnson Well Monthly Production Report
- Attachment E - Consumptive Use Subcommittee Report
- Attachment F - Replacement Water Subcommittee Report
- Attachment G - Finance Subcommittee Report
- Attachment H - Official Files Subcommittee Report
- Attachment I - NPDC Representatives and Subcommittee Members

These minutes were approved at the April 11, 2019, NPDC meeting.

Signatures of Approval:

Handwritten signature of Gordon W. Fassett in blue ink.

Gordon W. "Jeff" Fassett, Director
Nebraska Department of Natural
Resources

Handwritten signature of Kevin Rein in blue ink, with "FOR" written in blue ink to the right.

Kevin Rein, Colorado State Engineer
Colorado Division of Water Resources

Handwritten signature of Rick Deuell in blue ink.

Rick Deuell, Deputy Wyoming State
Engineer
Wyoming State Engineer's Office

Handwritten signature of Carlie Ronca in blue ink.

Carlie Ronca, Area Manager
Bureau of Reclamation

NORTH PLATTE RIVER NATURAL FLOW AND OWNERSHIP
ACCOUNTING PROCEDURES FOR WATER YEAR 2019

The parties to these criteria agree that administration and operation under this agreement are to conform with Wyoming and Nebraska state laws, the U.S. Reclamation Law, and the Modified Decree of the U.S. Supreme Court Decree entered on November 13, 2001 in *Nebraska v. Wyoming* (“Modified Decree”).

These ownership accounting and natural flow computing procedures shall be subject to review and modification annually by the North Platte Decree Committee (“NPDC”) pursuant to Paragraph II of the Final Settlement Stipulation in *Nebraska v. Wyoming* and Article VA.9. of the North Platte Decree Committee Charter (Exhibit G to the Final Settlement Stipulation). The procedures shall not be considered as applicable for any year not adopted. Conditions arising in exception to these procedures will be resolved by agreement of the NPDC.

PART A.

STORAGE OWNERSHIP ACCOUNTING PROCEDURE

The North Platte system storage ownership shall equal the total storage in Seminoe, Kortez, Pathfinder, Alcova, Gray Reef, Glendo, and Guernsey Reservoirs and any Pathfinder or Guernsey Ownership water that has been transferred to and is stored in the Inland Lakes, except for water held in storage under separate contract for other entities by the Bureau of Reclamation or waters held in temporary storage.

All storage ownerships are to be filled in order of priority as provided for by Paragraph III of the Modified Decree, Wyoming State Law and as water becomes available. Any water bypassed or spilled is to be charged to the ownership then in priority, which ownership may not then be refilled until all other appropriations from the river have been satisfied. No storage ownership delivery or evaporation charges will be assessed when water is being spilled from the system.

A one-day time lag will be used in computing the evaporation chargeable to each ownership. Evaporation chargeable today is considered to be equal to yesterday’s total actual evaporation.

A. Pathfinder - 1,070,000 A.F. (current capacity) Priority Date - 12/06/04

1. All river gains upstream of Pathfinder Dam for the October 1 through April 30 period are to accrue to this ownership until filled. Gains May 1 through September 30 in excess of natural flow demands may accrue to Pathfinder ownership until filled.
2. Any Pathfinder ownership in Guernsey Reservoir on September 30 will remain in Pathfinder ownership after October 1. This water will not transfer to Guernsey ownership, but will remain in Pathfinder ownership and may be transferred upstream as Guernsey ownership or the Inland Lakes accrue water. Pathfinder ownership transferred to the Inland Lakes will remain in Pathfinder ownership.
3. The Pathfinder evaporation charge is computed as though all Pathfinder ownership is in Pathfinder Reservoir except for that portion which may be in

Natural Flow and Ownership Accounting Procedures
Water Year 2019

Guernsey Reservoir which shall be computed at the same rate as that of Guernsey Reservoir.

B. Inland Lakes - 46,000 A.F. (accrual) Priority Date - 12/06/04

Pursuant to Paragraph III of the Modified Decree, natural flow may be stored from the North Platte River in or for the account of the Inland Lakes as follows:

1. During the months of October, November, and April, gains between Alcova Dam and Guernsey Dam will accrue to the Inland Lakes account, up to a total of 46,000 A.F., and at a rate not to exceed 910 cubic feet per second. These gains may be stored in Guernsey and Glendo Reservoirs and later transferred to the Inland Lakes. The transfer is to be completed before any natural flow is diverted into the Interstate Canal for all years the Allocation forecasted supply is less than 1.1 million AF. If the Allocation forecasted supply is 1.1 million AF or greater, Pathfinder Irrigation District may request and obtain approval from the NPDC to make deliveries of Natural Flow to Wyoming and Nebraska appropriators in addition to the transfer of storage water to the Inland Lakes.
2. Evaporation will be charged to this ownership for water stored in upstream reservoirs at the rate determined for the reservoir where stored.
3. The amount of water transferred from this account to the Inland Lakes shall not exceed 46,000 A.F. annually less evaporation losses, measured into the Interstate Canal if other water is being released and at Guernsey if only Inland Lakes water is being released. When natural flow is being delivered as provided in paragraph B1, the storage transfer amount will be specified by Pathfinder Irrigation District at the time of request and thereafter, and the rate of transfer of Inland Lakes storage shall not be less than 700 cfs per day. Accounting of the natural flow and storage transfer will be calculated at the Whalen diversion dam.
4. Reclamation will maintain and make available to Wyoming and Nebraska records accounting for all water stored in the Inland Lakes or accrued to the Inland Lakes account on a daily basis.
5. Nothing in these procedures is intended to restrict the delivery of North Platte Project storage water to the Inland Lakes.

C. Guernsey - 45,612 A.F. (current capacity) Priority Date - 04/20/23

1. Until Pathfinder ownership has filled, river gains between Pathfinder Dam and Guernsey Dam for the October 1 through April 30 period and not credited to the Inland Lakes will accrue to Guernsey ownership until filled. After Pathfinder ownership has filled, all gains upstream of Guernsey Dam for the October 1 through April 30 period and not credited to the Inland Lakes will accrue to Guernsey ownership until filled. Gains May 1 through September 30 in excess

Natural Flow and Ownership Accounting Procedures
Water Year 2019

of natural flow demands may accrue in priority to Guernsey ownership until filled.

2. The Guernsey evaporation charge is computed as though all Guernsey ownership is in Guernsey Reservoir.
3. The Division 1 Superintendent in the Wyoming Board of Control Torrington office and the Bridgeport Field Supervisor of the Nebraska Department of Natural Resources will be notified, in a timely manner, of all releases made by the Bureau of Reclamation to fulfill contractual obligations to Federal contractors.
4. Following coordination among Wyoming, Nebraska and Bureau of Reclamation personnel, water will be released from Guernsey Reservoir after April 30 for natural flow calls upon the river. When Guernsey Reservoir releases exceed the computed natural flow of the river at this point, then the difference shall be accounted as a release of storage water.
5. Guernsey ownership transferred to the Inland Lakes will remain in Guernsey ownership.

D. Kendrick - 1,201,678 A.F. (current capacity; Seminoe - 1,017,273 A.F., Alcova - 184,405- A.F.) Priority Dates (Seminoe - 12/01/31, Alcova - 04/25/36)

1. All gains upstream of Seminoe Reservoir for the October 1 through April 30 period after Pathfinder and Guernsey ownerships have filled are to accrue to Kendrick (Seminoe) ownership until filled. Likewise, all gains upstream of Alcova Reservoir for the October 1 through April 30 period after Pathfinder and Guernsey ownerships have filled are to accrue to Kendrick (Alcova) ownership until filled. Gains May 1 through September 30 in excess of natural flow demands may accrue to the Kendrick ownership until filled.
2. The evaporation chargeable to Kendrick ownership shall be the actual Seminoe and Alcova Reservoir evaporation yesterday, plus the evaporation for Kendrick ownership stored in any other reservoir but assumed to be in Seminoe Reservoir, minus any loss charged to storage held under contract for other entities by the Bureau of Reclamation in Seminoe Reservoir.

E. Glendo - 171,663 A.F. (current capacity) Priority Date - 08/30/51

1. This ownership consists of a power head pool of 51,573 A.F. (current capacity, elevation 4,570), an irrigation ownership pool not to exceed 100,000 A.F. and an estimated evaporation pool of 20,090 A.F. In addition, Glendo Reservoir contains 320,359 A.F. (current capacity) of "re-regulation space" in which the Bureau of Reclamation stores water pursuant to Paragraph XVII(g) of the Modified Decree after the Glendo ownerships previously referred to in this paragraph have filled.

Natural Flow and Ownership Accounting Procedures
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2. All gains upstream of Glendo Reservoir for the period October 1 through April 30 after the Pathfinder, Guernsey, and Kendrick ownerships and the Inland Lakes Account have filled are to accrue to the Glendo ownership until filled. If the Guernsey ownership has filled and the Pathfinder or Kendrick ownerships have not filled, all gains between Alcova and Glendo will accrue to Glendo ownership, unless required to fill the Inland Lakes ownership during October, November and April. Gains May 1 through September 30 in excess of natural flow demands may accrue in priority to this ownership until filled.
3. When the power head pool of 51,573 A.F. (current capacity, elevation 4,570) is filled, no further accounting need be made for this pool. This minimum power head pool can be filled but once from the river. All Glendo ownership evaporation will be charged against the evaporation pool unless storage for evaporation has been underestimated and evaporation encroaches upon the power head pool. In this case, refilling of the power head pool may be allowed as an exception by the Wyoming State Engineer.
4. Glendo ownership can accrue annually in the irrigation pool up to 40,000 A.F. plus estimated evaporation, provided this total irrigation ownership, including carryover storage, does not exceed 100,000 A.F.
5. The Glendo ownership will be accounted for on both a State and an individual contractor basis. Such accounting will include accruals, releases, evaporation, exchanges, and carryover storage. Such amounts will be allocated by account in proportion to each entity's contracted amount of the Glendo water supply. The total accrual to the irrigation ownership shall not exceed 40,000 A.F. per year, nor will the irrigation pool including carryover contain more than 37,500 A.F. for Wyoming or 62,500 A.F. for Nebraska. Temporary contracts will be satisfied by withdrawals by the State of Wyoming's Contract Number 129E6A0080.
6. The evaporation chargeable to the Glendo ownership is the total actual evaporation minus that chargeable to other ownerships and minus any loss charged to storage held under contract for other entities by the Bureau of Reclamation in Glendo Reservoir.
7. Gains Alcova to Glendo for the October 1 through April 30 period are to be computed as Glendo Reservoir inflow minus 98 percent of the Gray Reef outflow two days earlier.

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F. Glendo Reservoir Re-Regulation Space

When re-regulation space is available and is not being used for a) re-storage of Pathfinder Ownership, b) storage for Inland Lakes, or c) storage of Guernsey Ownership water, the space is used to re-regulate natural flow, pursuant to Paragraph XVII(g) of the Modified Decree. The re-storage of Pathfinder Ownership water in the Glendo Reservoir re-regulation space also creates vacant available space in either Pathfinder or Seminoe Reservoirs in an amount equal to the space in Glendo Reservoir that is occupied by Pathfinder Ownership. A portion of the available re-regulation space in Glendo Reservoir may be used through contracts to allow others to temporarily store and re-regulate non-project water. The balance of the vacant re-regulation space in Glendo Reservoir and vacant available space in Seminoe and Pathfinder Reservoirs is used to store water in excess of natural flow demands after the storage ownerships described above have filled. Gains upstream of Alcova Dam in excess of natural flow demands and not accrued to the Pathfinder, Kendrick, Guernsey, or Glendo Ownerships are accrued to available Glendo Reservoir re-regulation space. Gains upstream of Guernsey Dam and below Alcova Dam in excess of natural flow demands not accrued to the Inland Lakes Ownership, the Guernsey Ownership, or the Glendo Ownership are also accrued to available Glendo Reservoir re-regulation space. These accruals are stored in vacant reservoir space in Seminoe, Pathfinder, Glendo and Guernsey Reservoir.

Such water stored in re-regulation space is used for 1) operational water 2) replacement of evaporation losses and 3) supplementation of the natural flow that is apportioned under Paragraph V of the Modified Decree. These are described as follows:

1. Operational Water Account

The first 15,000 Acre Feet of water accrued to the available re-regulation space is accrued to the Operational Water Account. This water is used by the Bureau of Reclamation to make up for water unintentionally passing the State Line in excess of water ordered by canals below the State Line. Any water remaining in the Operational Water Account after September 30 is carried over in the Operational Water Account on October 1. The maximum allowable contents of the Operational Water Account for 2019 including carryover, shall be 15,000 Acre Feet;

2. Replacement of Evaporation Losses

Water that is accrued to the available re-regulation space and stored at or above Alcova Dam in quantities greater than needed for the Operational Water Account is used to replace evaporation from the Kendrick, Pathfinder, Glendo, and Guernsey Ownerships between the time the Ownerships are filled and the first release of ownership water from any of these accounts for use at or above

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Tri-State Dam. Water that is accrued to the available re-regulation space and stored below Alcova Dam in quantities greater than needed for the Operational Water Account, is used to replace evaporation from the Glendo and Guernsey Ownerships, between the time the Ownerships are filled and the time the first release of ownership occurred from these accounts for use at or above Tri-State Dam;

3. Re-regulation of Natural Flow

Any water that is accrued to the available re-regulation space in quantities greater than needed for the Operational Water Account or to replace evaporation is stored for later release to meet natural flow demand at or above Tri-State Dam that exceeded the actual natural flow on a given day.

Water accrued to the available re-regulation space is impounded and released pursuant to Glendo Reservoir Permit No. 5998 Res. and Certificate of Construction of Reservoir, as clarified by Order of the Wyoming State Board of Control dated November 29, 2000, in a manner not to interfere with authorized project purposes, endanger the safety of the structures, or violate Federal or State laws.

G. Unintentional Water Below the State Line

1. Deliveries at the State Line for contractors below the State Line will be charged for their order placed two days before or the amount delivered to the State Line, whichever is less. When storage water has been released from Guernsey Reservoir for canals at or above Tri-State Dam and when the quantity of water passing the State Line exceeds the quantity of water ordered two days before for delivery at the State Line, for each day storage water was released, the difference between the order for delivery at the State Line and the measured flow shall be considered unintentional water passing the State Line, as described in Paragraph XVII(g) of the Modified Decree.
2. The unintentional water passing the State Line shall be first charged to the Operational Water Account described in Section F Paragraph 1. No more than 50 cfs shall be charged against this account on a daily basis under this Section G Paragraph 2. In no event will the annual limitation for that account be exceeded.
3. a. If the Operational Water Account has been depleted or if there is additional unintentional water passing the State Line beyond the 50 cfs charged to the Operational Water Account as described in Section G Paragraph 2, the excess unintentional water will be charged to any contractor, or in the case where two or more contractors share a canal, to the canal, between Guernsey Dam and the State Line whose diversion was less than the amount ordered the previous day by a rate of 5 cfs or greater, or in the case of the Mitchell-Gering Canal ordered two days previously. If more than one contractor should be charged, the charge will be in proportion to the amount each canal ordered but did not divert compared to

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the total amount ordered but not diverted by all canals being charged. For districts sharing a canal, the canal charge will be distributed to each district in proportion to the initial amount ordered by each district. In no case will this charge exceed the amount of the difference between what was ordered and what was diverted by a canal.

b. If after charging for water passing the State Line in accordance with Section G Paragraphs 1, 2, and 3.a., there is still remaining unintentional water passing the State Line, the unintentional water will be charged to any contractor who was not charged in accordance with Section G Paragraph 3.a. and who diverted less water than was ordered for delivery between Guernsey Dam and the State Line the previous day or in the case of the Mitchell-Gering Canal, two days before. The remaining unintentional water charge will be allocated to these contractors in proportion to the amount they ordered but did not divert compared to the total amount ordered but not diverted by all canals. This charge to individual canals shall not be greater than the difference between the canal's order and its diversion.

4. If the unintentional water passing the State Line exceeds the amounts accounted in Section G Paragraph 1, 2, 3.a. and 3.b., the balance shall be charged to the Operational Water Account. However, if the Operational Water Account has been depleted, then the balance shall be charged to all contractors who ordered water in proportion to their orders.
5. Where extreme precipitation events cause unintentional flows to pass the State Line gage, such quantities shall not be charged against any storage ownership account, and the Bureau of Reclamation will make appropriate and timely Guernsey Dam outflow adjustments. The Division I Superintendent of the Wyoming Board of Control, the Bridgeport Field Supervisor of the Nebraska Department of Natural Resources, and a representative from the Bureau of Reclamation shall consult and jointly determine the duration of time during which no storage ownership account will be charged because of additional precipitation events causing unintentional flows past the State Line gage.
6. When no storage water is being ordered past Whalen Dam and when unintentional water occurs at the state line, there shall be no unintentional water charged according to paragraphs 2 through 4 above.

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PART B.

NATURAL FLOW COMPUTING PROCEDURE

Inflow to Seminole Reservoir

The Seminole inflow will be the sum of the flows of the North Platte River above the Seminole Reservoir and the Medicine Bow River above Seminole Reservoir.

Natural Flow above Alcova Reservoir

The natural flow above Alcova Reservoir will be the inflow to Seminole plus the flow of the Sweetwater River entering Pathfinder Reservoir and to this total will be added the following daily accrual for each month:

May	June	July	August	September
90 cfs	45 cfs	40 cfs	35 cfs	35cfs

The total of Seminole inflow plus the flow of the Sweetwater River plus the accrual will be called the natural flow entering Alcova Reservoir and will be passed through Alcova Reservoir and Gray Reef Reservoir without loss.

Gray Reef Reservoir to Glendo Reservoir

To account for the losses between Alcova and Glendo Reservoir water released at the Gray Reef Reservoir will be charged daily with the following losses set by Exhibit 9 to the North Platte Decree Charter.

May	June	July	August	September
50 cfs	77 cfs	97 cfs	89 cfs	50 cfs

These losses will be distributed between natural flow and storage water in proportion to the quantity of each at Gray Reef Dam.

There will be a two day time lag in transporting water from Gray Reef Reservoir to Glendo Reservoir. Water released at Gray Reef Reservoir will reach Glendo Reservoir two days after the release date.

Glendo Outflow

The natural flow entering the Glendo Reservoir will be calculated as the average of today's natural flow entering Glendo Reservoir and the natural flow entering Glendo Reservoir the two previous days. The natural flow will be passed through Glendo Reservoir without loss and will one day later be called the natural flow out of Glendo Reservoir.

Glendo Reservoir through Guernsey Dam

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Natural flow released at Glendo Reservoir plus 20 cfs of river accrual will be called the natural flow out of Guernsey Reservoir.

Guernsey Dam to Whalen Dam

Water released at the Guernsey Dam will be charged daily with the following losses set by Exhibit 9 to the North Platte Decree Committee Charter to account for the losses between Guernsey Dam and Whalen Dam.

May	June	July	August	September
2 cfs	4 cfs	5 cfs	4 cfs	2 cfs

These losses will be distributed between natural flow and storage water in proportion to the quantity of each at Guernsey Dam.

Total flow below Guernsey Dam is calculated by the summation of the diversions by Interstate Canal and Fort Laramie Canal, the measured flow passing Whalen Dam, plus the stipulated losses. The storage water below Guernsey Dam is the difference between the total flow below Guernsey Dam and the natural flow out of Guernsey Reservoir.

Whalen Dam to Wyoming-Nebraska State Line

A one-day time lag is used in taking water from the River gaging station below Whalen Dam to the River gaging station at the State Line. The amount of natural flow passing the State Line gage plus 7 cfs to account for Spring Creek will be used among other factors to calculate the amount of natural flow in the Whalen Dam to Tri-State Dam reach for the 75/25 apportionment.

Carriage losses in the river section Whalen Dam to the Wyoming-Nebraska State Line set by Exhibit 9 to the North Platte Decree Committee Charter are as follows:

May	June	July	August	September
10 cfs	19 cfs	21 cfs	17 cfs	9 cfs

The loss to storage between Whalen Dam and the State line will be the previous day's ratio of storage water in the Whalen Dam to State Line section times the daily conveyance loss for the section. A one day time lag is assumed from Whalen Dam to the State Line. The ratio of storage in the Whalen Dam to State Line section is computed as the average of the proportion of storage passing Whalen Dam to total flow passing Whalen Dam one day previous and the proportion of storage at the State Line to total flow at the State Line. This ratio in the section is used to determine the loss to storage between Whalen Dam and the State Line the following day. Storage passing Whalen Dam is the storage at Whalen Dam minus the storage diversions into the canals which divert at Whalen Dam. Storage at the State Line is the storage passing Whalen Dam minus the loss to storage from Whalen Dam to the State Line and minus all diversions of storage by contractors diverting below Whalen Dam and above the State Line. After computing storage losses, the balance of the stipulated losses will be subtracted from natural flow.

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A loss of natural flow may be borrowed from storage and replaced from subsequent natural flow gains.

The gage readings at the Tri-State Canal of natural flow and storage deliveries to Tri-State Canal may differ from flow rates calculated using the State Line gage for various reasons, including, among other things, changes in travel time of flow between the two gages, and possible gage errors of both or either gage. The States and the Bureau of Reclamation recognize the potential for these discrepancies and are working towards finding ways to minimize them in the future.

PART C.

**SUPPLEMENTAL ACCOUNTING PROCEDURES FOR
2019 ALLOCATION WATER YEAR**

1. These procedures shall apply to the accounting of ownership and natural flow during May through September of 2019, only if it is determined that 2019 is an Allocation Year. These procedures are not intended to be applicable to, or to establish a precedent for, any allocation year other than 2019, and the states and USBR reserve the right to develop different supplemental accounting procedures in any subsequent allocation year. The action of the NPDC members to adopt the Part C for water year 2019 shall not be deemed a waiver by any party to the Modified Decree of an argument or position with respect to the interpretation of the Allocation Stipulation, the Final Settlement Stipulation or the Modified Decree for 2019 or any other allocation year, or of their respective positions regarding the accounting of natural flow diversions in excess of allocation balances. In the event natural flow diversions occur in excess of allocation balances, except as provided herein, the USBR will inform Nebraska and Wyoming of such occurrence and Nebraska, Wyoming, and USBR will confer.
2. The thirteen districts involved with the 2019 Allocation are, in Wyoming: Goshen, Lingle, Hill, and the Warren Act Contract portion of Rock Ranch; and in Nebraska: Pathfinder, Gering-Ft. Laramie, Gering, Farmers, Northport, Central, Chimney Rock, Browns Creek, and Beerline. These are henceforth referred to as the "allocation districts". Central, Chimney Rock, Browns Creek, and Beerline are the "below-Tri-State districts".
3. The "drains" referred to in these procedures are Akers Draw, Sheep Creek, Dry Spotted Tail, Wet Spotted Tail, and Tub Springs.
4. A "Guernsey open" condition exists when a diversion by any allocation district causes the USBR to release water for the North Platte Project from Guernsey Reservoir.
5. Under a "Guernsey open" condition, all diversions (natural flow and storage) by allocation districts from either the North Platte River or one of the drains listed in item 3 will be accounted against, i.e., subtracted from their allocation balance, to the extent an allocation balance is available, with the exceptions only as provided in items 6, 7, and 8.

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6. If, under a “Guernsey open” condition, 1) either Northport or Farmers Irrigation District has no remaining allocation balance, 2) there is no storage water passing Tri-State Dam, and 3) neither Northport nor Farmers has ordered water, diversions into the Tri-State Canal from drains for the district with no remaining allocation balance shall not be accounted as part of the allocation.
7. If, under a “Guernsey open” condition, 1) Farmers and Northport have not ordered water, 2) Farmers and Northport have no remaining allocation, 3) there are no orders for storage water below Tri-State Dam, and 4) there is excess water present at the Tri-State Canal headgate, such excess water may be diverted and will not be accounted as part of any allocation calculation.
8. As provided in the 1998 Allocation Stipulation, for the below-Tri-State districts, “diversions” for purposes of the allocation accounting shall consist only of storage deliveries for those districts at the State Line and passed through Tri-State Dam.
9. Once a district has no remaining allocation balance, neither Nebraska nor Wyoming shall allow additional diversions of natural flow by that district under a “Guernsey open” condition until such time as, in the weekly re-allocation of system increase, the district has an allocation balance available, with the exceptions noted in items 6 and 7.
10. The distribution of the calculated system increase (whether positive or negative) between the two states and among the individual districts shall occur on a weekly basis to produce a revised allocation balance. Diversions shall be accounted against each district’s allocation balance on a daily basis for purposes of applying limitations on releases and diversions as described in item 9.
11. In the absence of a “Guernsey open” condition, no diversions by allocation districts will be accounted under, i.e. subtracted from, their allocation balance, and any calculated system increase produced by increased water in North Platte Project storage ownership will be distributed among the allocation balances in conformity with the Stipulation percentages.
12. In the event of a “system decrease” for the week, as calculated under the procedures of the 1998 Allocation Stipulation, the system decrease is allocated 18.5% to the Wyoming contractors and 81.5% to the Nebraska contractors. The system decrease allocated to the Wyoming contractors will be applied to the Wyoming contractors and the system decrease allocated to the Nebraska contractors will be applied to the Nebraska contractors. If the remaining allocation balance of any contractor is insufficient to cover their share of the “system decrease” the balance of the system decrease (shortfall) will be applied to the account balances of the remaining contractors within that State who do have a remaining account balance. The distribution will be made in the relative proportion used to distribute system increases.

At the time of subsequent system increases, the system increase of any contractor whose balance in prior week(s) was insufficient to cover a system decrease, will be reduced in an amount of up to the amount of the prior shortfall. The water obtained from reduction of

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the individual contractor's system increase will be distributed to the other contractors within that State in the same manner and amounts as the prior shortfall was distributed to the same contractors.

13. The June forecasted supply will include all releases of water from Guernsey Reservoir during the month of May excluding releases for the Inland Lakes transfer and Glendo flood pool releases.
14. The 6,600 acre-feet per two-week limit on cumulative surface water diversions from the main stem of the North Platte River for irrigation purposes will take effect on the first of the month of May or June when the forecasted supply is below the 1,100,000 acre-feet trigger. The two-week period of time will be blocked into consecutive 14-day periods beginning on the first of the month when the limit took effect, with the first period established to end on the second Friday of the month in which the limit took effect.
15. Adjusting the drain estimate:

The initial allocation procedures in the Allocation Stipulation provides 10,000 acre-ft of project water estimated to be available from the Nebraska drains as part of the initial supply to be allocated to provide a total of 18.1 percent to contractors in Wyoming and 81.9 percent to contractors in Nebraska. During an allocation year, it is necessary to increase or decrease the initial 10,000 acre-ft drain estimate to reflect actual project water usage from the Nebraska drains. There are two conditions requiring adjustment of the drain estimate:

- Condition No. 1.** Depending on the allocation year, it is sometimes necessary to increase the drain estimate one or more times to reflect actual project water that is available for use from the Nebraska drains.
- Condition No. 2.** At the end of the irrigation season (September 30) a final adjustment to decrease the drain estimate to reflect actual project water that was available and used from the Nebraska drains.

The procedures for adjusting the drain estimate, described below, are applicable during allocation years and address the two conditions listed above which require adjustment of the drain estimate.

Condition No. 1 During computation of the weekly subsequent allocation when the drain estimate is anticipated to be exceeded, the Bureau of Reclamation will review the actual drain usage from previous weeks and increase the drain estimate by an amount that is anticipated to be available for the remainder of the allocation year. The increase will be distributed to the States (Wyoming and Nebraska) and the respective North Platte Project Contractors in the same manner as the initial 10,000 acre-ft drain estimate (Figure 1). The increase to the drain estimate will be reflected in the weekly allocation sheet in the week the increase was made. The increase will be included in each contractors "Remaining Balance" and included under the "Usage of Drain Water" section of the sheet (Figure 2). The adjustments to the allocation sheet will be footnoted to document the increase.

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Condition No. 2 At the end of the irrigation season (September 30), Reclamation will make a final adjustment to decrease the drain estimate to reflect actual project water that was available and used from the Nebraska drains. The decrease will be distributed to the States (Wyoming and Nebraska) and the respective North Platte Project Contractors in the same manner as the initial 10,000 acre-ft drain estimate (Figure 3). The decrease to the drain estimate will be reflected in the weekly allocation as of September 30 for the given allocation year. The decrease will be included in each contractor's "Remaining Balance" and included under the "Usage of Drain Water" section of the sheet (Figure 4). The adjustments to the allocation sheet will be footnoted to document the decrease.

The above process for increasing or decreasing the drain estimate to reflect actual project water usage from the Nebraska drains ensures such adjustments are accounted equitably to the States and the respective North Platte Project Contractors.

Natural Flow and Ownership Accounting Procedures
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Figure 1. Distribution of Drain Increase to the States and Respective North Platte Contractors

Adjustment to the estimated project water available from the Nebraska Drains

Adjusted Estimate	12,000
Current Estimate	10,000
Adjustment to Project Water From Drains	<u>2,000</u>
Wyoming' Share (18.1%)	<u>362</u>
Nebraska's Share (81.9%)	<u>1,638</u>

Wyoming

District	District's Share	Wyoming's 18.1% of Initial Allocation acre-feet	District's Initial Allocation Adjustment acre-feet ¹	Remaining Balance acre-feet	Adjusted Remaining Balance acre-feet
Goshen	79.65%	362	288	86,010	86,298
Lingle	13.56%	362	49	17,198	17,247
Hill	5.27%	362	19	6,704	6,723
Rock Ranch	1.52%	362	6	2,078	2,084
Wyoming's Total	100.00%		362	111,990	112,352

Nebraska

District	District's Share	Nebraska's 81.9 % of Initial Allocation acre-feet	District's Initial Allocation Adjustment acre-feet ¹	Remaining Balance acre-feet	Adjusted Remaining Balance acre-feet
Pathfinder	47.77%	1,638	782	152,697	153,479
Gering-Ft. Laramie	19.40%	1,638	318	74,824	75,142
Northport	8.15%	1,638	133	39,421	39,554
Farmers	17.93%	1,638	294	53,024	53,318
Gering	3.76%	1,638	62	11,230	11,292
Central	0.49%	1,638	8	5,155	5,163
Chimney Rock	1.24%	1,638	20	11,741	11,761
Browns Creek	1.08%	1,638	18	9,145	9,163
Beerline	0.18%	1,638	3	952	955
Nebraska's Total	100.00%		1,638	358,189	359,827
Total			2,000	470,179	472,179

¹ This amount will be added to each District's "remaining balance" prior to calculation of "Increased Supply".

Natural Flow and Ownership Accounting Procedures
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Figure 2. Incorporation of the Drain Increase in the Weekly Subsequent Allocation Sheet

Allocation of North Platte Storage Water Supply
 As of August 24, 2005

WYOMING							
District	Balance Available Midnight 17-Aug acre-feet	Diversions 18-Aug through 24-Aug acre-feet	Remaining Balance acre-feet 1/	Wyoming's Increased Supply acre-feet	District's % Share of Wyoming's Increased Supply	Districts Share of Wyoming's Increased Supply acre-feet	Balance Available Midnight 24-Aug acre-feet
Goshen	92,921	6,911	86,298	880	77.03%	678	86,976
Lingle	18,799	1,601	17,247	880	15.27%	134	17,381
Hill	7,301	597	6,723	880	6.04%	53	6,776
Rock Ranch	2,162	84	2,084	880	1.66%	15	2,099
Wyoming's Total	121,183	9,193	112,352	880	100.00%	880	113,232

NEBRASKA							
District	Balance Available Midnight 17-Aug acre-feet	Diversions 18-Aug through 24-Aug acre-feet	Remaining Balance acre-feet 1/	Nebraska's Increased Supply acre-feet	District's % Share of Nebraska's Increased Supply	Districts Share of Nebraska's Increased Supply acre-feet	Balance Available Midnight 24-Aug acre-feet
Pathfinder	173,649	20,952	153,479	3,879	46.94%	1,821	155,300
Gering-Ft. Laramie	84,442	9,618	75,142	3,879	18.92%	734	75,876
Northport	42,718	3,297	39,554	3,879	8.20%	318	39,872
Farmers	64,320	11,296	53,318	3,879	21.54%	835	54,153
Gering	13,459	2,229	11,292	3,879	4.40%	171	11,463
Central	5,155	0	5,163	3,879	0.00%	0	5,163
Chimney Rock	11,832	91	11,761	3,879	0.00%	0	11,761
Browns Creek	9,145	0	9,163	3,879	0.00%	0	9,163
Beerline	996	44	955	3,879	0.00%	0	955
Nebraska's Total	405,716	47,527	359,827	3,879	100.00%	3,879	363,706

Total	526,899	56,720	472,179			4,759	476,938
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Wyoming Contractors' Remaining Balance	112,352	Wyoming Contractors' Balance	113,232
Nebraska Contractors' Remaining Balance	359,827	Nebraska Contractors' Balance	363,706
Sum of Contractors' Remaining Balance	<u>472,179</u>	Total Useable Supply	<u>476,938</u>

Useable Supply		Usage of Drain Water	
	acre-feet		acre-feet
Pathfinder Ownership	491,162	Previous Estimated Drain Water	3,076
Minus Storage in Municipal Account	0	Adjustment to Drains	2,000 2/
Minus Storage in Environmental Account	0	Minus Usage by Farmers	0
Minus 3% Estimated Evaporation Loss	-14,735	Minus Usage by Northport	-1,573
Minus 2% Estimated Carriage Loss	-9,823	Remaining Estimated Drain Water	<u>3,503</u>
Guernsey Ownership	0		
Minus 3% Estimated Evaporation Loss	0	Useable Supply	476,938
Minus 2% Estimated Carriage Loss	0	Sum of Remaining Balances	472,179
Estimated Drain Water from Above	3,503	acre-feet	acre-feet
Estimated Storage Water in Transit	6,831	Wyoming's 18.5 % of the System Increase	880
Useable Supply	<u>476,938</u>	Nebraska's 81.5 % of the System Increase	3,879

1/ The Remaining Balance has been adjusted to reflect an additional 2,000 AF (see attached sheet).

2/ Adjusted to add an additional 2,000 AF to the initial drain estimate of 10,000 AF.

Natural Flow and Ownership Accounting Procedures
 Water Year 2019

Figure 3. Distribution of Drain Decrease to the States and Respective North Platte Contractors

Adjustment to the estimated project water available from the Nebraska Drains

Adjusted Estimate	7,165
Current Estimate	10,000
Adjustment to Project Water From Drains	<u>-2,835</u>
Wyoming' Share (18.1%)	<u>-513</u>
Nebraska's Share (81.9%)	<u>-2,322</u>

Wyoming

District	District's Share	Wyoming's 18.1% of Initial Allocation acre-feet	District's Initial Allocation Adjustment acre-feet ¹	Remaining Balance acre-feet	Adjusted Remaining Balance acre-feet
Goshen	79.65%	-513	-409	5,262	4,853
Lingle	13.56%	-513	-70	5,068	4,999
Hill	5.27%	-513	-27	1,745	1,718
Rock Ranch	1.52%	-513	-8	270	262
Wyoming's Total	100.00%		-513	12,345	11,832

Nebraska

District	District's Share	Nebraska's 81.9 % of Initial Allocation acre-feet	District's Initial Allocation Adjustment acre-feet ¹	Remaining Balance acre-feet	Adjusted Remaining Balance acre-feet
Pathfinder	47.77%	-2,322	-1,109	15,870	14,760
Gering-Ft. Laramie	19.40%	-2,322	-450	6,807	6,356
Northport	8.15%	-2,322	-189	1,780	1,590
Farmers	17.93%	-2,322	-416	9,345	8,929
Gering	3.76%	-2,322	-87	1,415	1,328
Central	0.49%	-2,322	-11	3,555	3,544
Chimney Rock	1.24%	-2,322	-29	7,637	7,608
Browns Creek	1.08%	-2,322	-25	5,953	5,928
Beerline	0.18%	-2,322	-4	188	184
Nebraska's Total	100.00%		-2,322	52,549	50,227
Total			-2,835	64,894	62,059

¹ This amount will be added to each District's "remaining balance prior to calculation of "Increased Supply".

Natural Flow and Ownership Accounting Procedures
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Figure 4. Incorporation of the Drain Decrease in the Final Subsequent Allocation Sheet

Allocation of North Platte Storage Water Supply
 As of September 30, 2004

WYOMING							
District	Balance Available as of 23-Sep acre-feet	Diversions 24-Sep to 30-Sep acre-feet	Remaining Balance acre-feet 1/	Wyoming Increased Supply acre-feet	District's % Share of Wyoming's Increased Supply	Districts Share of Wyoming's Increased Supply acre-feet	Balance Available as of 30-Sep acre-feet
Goshen	5,262	0	4,853	2,098	77.03%	1,616	6,469
Lingle	5,068	0	4,999	2,098	15.27%	320	5,319
Hill	1,745	0	1,718	2,098	6.04%	127	1,845
Rock Ranch	270	0	262	2,098	1.66%	35	297
	12,345	0				2,098	
Wyoming Contractors' Remaining Balance			11,832		100.00%		13,930

NEBRASKA							
District	Balance Available as of 23-Sep acre-feet	Diversions 24-Sep to 30-Sep acre-feet	Remaining Balance acre-feet 1/	Nebraska Increased Supply acre-feet	District's % Share of Nebraska's Increased Supply	Districts Share of Nebraska's Increased Supply acre-feet	Balance Available as of 30-Sep acre-feet
Pathfinder	15,870	0	14,760	9,242	46.94%	4,338	19,098
Gering-Ft. Laramie	6,807	0	6,356	9,242	18.92%	1,749	8,105
Northport	1,780	0	1,590	9,242	8.20%	758	2,348
Farmers	9,345	0	8,929	9,242	21.54%	1,991	10,920
Gering	1,415	0	1,328	9,242	4.40%	406	1,734
Central	3,555	0	3,544	9,242	0.00%	0	3,544
Chimney Rock	7,637	0	7,608	9,242	0.00%	0	7,608
Browns Creek	5,953	0	5,928	9,242	0.00%	0	5,928
Beerline	188	0	184	9,242	0.00%	0	184
	52,549	0				9,242	
Nebraska Contractors' Remaining Balance			50,227		100.00%		59,469
Wyoming Contractors' Remaining Balance			11,832				
Sum of Contractors' Remaining Balance			62,059				
						Total Useable Supply	73,399

Useable Supply		Usage of Drain Water		
	acre-feet		acre-feet	acre-feet
Pathfinder Ownership	67,414	Previous Estimated Drain Water		2,835
Minus Storage in Municipal Account	0	Adjustment to Drains		-2,835 2/
Minus Storage in Environmental Account	0	Minus Usage by Farmers		0
Minus 3% Estimated Evaporation Loss	-2,022	Minus Usage by Northport		0
Minus 2% Estimated Carriage Loss	-1,348	Remaining Estimated Drain Water		0
Guernsey Ownership	7,763			
Minus 3% Estimated Evaporation Loss	-233	Useable Supply	73,399	Sum of Remaining Balances
Minus 2% Estimated Carriage Loss	-155			62,059
Estimated Drain Water from Above	0			System Increase for 30-Sep
Estimated Storage Water in Transit	1,980			11,340
Useable Supply	73,399	Wyoming's 18.5 % of the System Increase		2,098
		Nebraska's 81.5 % of the System Increase		9,242

1/ The Remaining Balance has been adjusted to reflect a decrease of 2,835 AF (see attached sheet).

2/ Adjusted to decrease drains by 2,835 AF to reflect actual drain usage of 7165 AF.

This Sheet has been revised to illustrate decreasing the drain estimate at the end of the year (September 30) to reflect the actual project water available and used from the Nebraska drains of 7,165 AF in 2004.

Natural Flow and Ownership Accounting Procedures
Water Year 2019

PART D

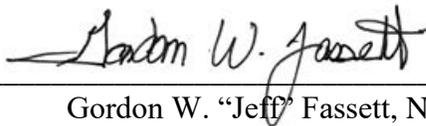
**SUPPLEMENTAL ACCOUNTING PROCEDURES FOR 2019 CENTRAL NEBRASKA
PUBLIC POWER DISTRICT (CNPPID) WATER, PATHFINDER WYOMING
ACCOUNT (WY) WATER, AND PATHFINDER ENVIRONMENTAL ACCOUNT (EA)
WATER.**

1. These procedures shall apply to the accounting of storage ownership and natural flow for Water Year 2019 for water released from CNPPID, WY, and EA accounts.
2. All accounting will be made from releases made from Guernsey Dam.
3. A one day lag time from Guernsey Dam to the Wyoming-Nebraska state line will be used.
4. The Bureau of Reclamation will timely notify all parties of the CNPPID, WY, and EA release schedule dates and volumes. Beginning dates and release quantities shall be flexible to ensure there is no injury to any party.
5. Conveyance losses for travel from Guernsey Dam to Whalen Dam will be applied. The conveyance loss will be the same as those used in the North Platte Modified Decree for the month of September (2cfs) or any month in which releases are made.
6. Conveyance losses for travel from Whalen Dam to the Wyoming-Nebraska state line will be applied. The conveyance loss will be the same as those used in the North Platte Modified Decree for the month of September (9 cfs) or any month in which releases are made.
7. The conveyance losses shall be deducted from the amount released from Guernsey Dam the day prior to ensure all demands are being met at the Wyoming-Nebraska state line and for calculation of the daily natural flow.
8. Should there be releases of storage water for downstream irrigation demands concurrently with those for environmental or CNPPID purposes; the conveyance loss will be prorated between both storage uses. That percentage will be deducted from the conveyance loss calculations for the Guernsey to Whalen reach and the Whalen to the Wyoming-Nebraska state line reach.
9. Should there be a need to release water from Guernsey Dam to meet irrigation downstream, it will be managed in a way to ensure excess water at the Wyoming-Nebraska state line is minimal.
10. Wyoming will ensure that all releases made for environmental accounts are shepherded from Guernsey Dam to the Wyoming-Nebraska state line.
11. Nebraska will ensure that all releases made for environmental accounts are shepherded

Natural Flow and Ownership Accounting Procedures
Water Year 2019

from the Wyoming-Nebraska state line to Lake McConaughy.

12. If for any reason there is an issue with the accounting of this water, all parties will be promptly notified and a reasonable and feasible resolution will be worked out as quickly as possible between all parties.



Gordon W. "Jeff" Fassett, NPDC Chair

April 23, 2019

Date

7. Activities Due or to be Initiated by Spring 2019 – Brief Status Reports/Updates (as per settlement timeline adopted April 12, 2002)

- 7.1 Exhibit 4, Paragraph IV.A. & C.: Accounting of Intentionally Irrigated Lands from Surface Water Sources upstream of Guernsey Reservoir and Transfers and Reporting pursuant to Paragraph II(e) of the Modified Decree (Wyoming)

SEO Letter dated: January 15, 2019

Reported: 178,890 acres of intentional irrigation

- 7.2 Exhibit 4, Paragraph V.: Maintenance of Data and Records Supporting the Annual Intentionally Irrigated Acreage Report (Wyoming)

Data and records: Housed in the Cheyenne Office of the SEO

- 7.3 Exhibit 4, Paragraph IV.B.” Amount of intentionally irrigated acreage from hydrologically connected groundwater included in annual report (Wyoming)

SEO Letter dated: January 15, 2019

Reported: 1,365 acres (APF) and 1,588 acres (PF2G) of the 178,890 acres of intentional irrigation

- 7.4 Exhibit 5, Paragraph II.: Wyoming will begin recording, compiling, and reporting to the NPDC cumulative irrigation diversions of surface water from the main stem between Pathfinder and Guernsey during each two-week period beginning on May 1st during allocation years (Wyoming)

2019 Allocation Year: Should Water Year 2019 be an allocation year, the Wyoming SEO is prepared to report the cumulative irrigation diversions beginning May 1.

- 7.5 Exhibit 6, Paragraph D.3.: Report of Consumptive Use Calculations (Due May 15th) (Wyoming)

CU Report: Data collection and calculations are underway to submit the CU Report to the NPDC members by May 15 (discussion during CUSC).

- 7.6 Exhibit 10, Paragraph C.1.c.: Initiation of the Delivery of Required Replacement Water (Wyoming)

Delivery of Required Replacement Water: During the 2018 Water Year there were 239 active irrigation wells within the area of administration. This equates to 5,832 A.F. of water to be released from Guernsey Reservoir when natural flow is insufficient to meet the demands of both Wyoming and Nebraska irrigators who divert from North Platte River at or above Tri-State Dam. Wyoming also had 25.04 acre-feet of out of priority tributary diversion for Sept. 2018. Under the requirements of Exhibit 11, Paragraph B.3.b.i: water is to be released from

Guernsey Reservoir when natural flow is insufficient to meet the demands of both Wyoming and Nebraska irrigators who divert from North Platte River at or above Tri-State Dam.

- 7.7 Exhibit 10, Paragraph C.1.d.: Complete and Report to the NPDC the list of active baseline wells (Wyoming)
- SEO Letter dated:** March 11, 2019
Reported: 239 active wells reported
- 7.8 Exhibit 10, Paragraph D.1.: Collect and Provide to the NPDC groundwater pumping data (Wyoming)
- SEO Letter dated:** March 11, 2019
Reported: 31,576 acre-feet pumped via 239 active wells
- 7.9 Exhibit 12, Paragraph IV.A.: Accounting of Intentionally Irrigated Lands from Surface Water Sources in the Lower Laramie Basin and Transfers (Wyoming)
- SEO Letter dated:** January 15, 2019
Reported: 26,423 acres of intentional irrigation
- 7.10 Exhibit 12, Paragraph V.: Maintenance of Data and Records Supporting the Annual Intentionally Irrigated Acreage Report (Wyoming)
- Data and records:** Housed in the Cheyenne Office of the SEO
- 7.11 Exhibit 12, Paragraph IV.B.: Amount of intentionally irrigated acreage from hydrologically connected groundwater included in annual report (Wyoming)
- SEO Letter dated:** January 15, 2019
Reported: 4,659 acres of the 26,423 acres of intentional irrigation
- 7.12 Exhibit 13, 14, and 15: Monthly Water Rights Reporting and Annual Report of water pumped from post 2000 wells in Wheatland Irrigation District (Wyoming)
- Monthly Reporting:** Sent electronically approximately the 15th of every month during the past reporting period
Annual Report dated: December 7, 2018

North Platte Decree Committee
Control Crest Subcommittee

Minutes
January 30, 2019

I. Call to Order.

Chairperson, Brian Pugsley called the meeting to order at 10:00 a.m. on January 30, 2019 at the Wyoming SEO Division 1 Field Office at Torrington, Wyoming. Those in attendance were:

Brian Pugsley, Wyoming SEO, Chairperson.
Jeff Cowley, SEO
Rob Foreman, SEO
Kent Becker, SEO
Art Hill, USBR
Kevin Buckallew, USBR
Matt Wells, USBR
Mike Smith, USBR
Tom Hayden, NE
Dennis Strauch, PID

II. Ad-Hoc Sub-Committee Meeting for the North Platte Natural Flow and Ownership Accounting.

A. Discussion with the Ad-Hoc Committee was addressed first, and after this discussion Dennis Strauch, Manager for Pathfinder Irrigation District did not stay for the Control Crest Sub-Committee Meeting.

III. Control Crest Sub-Committee - Control Crest Gage Sites.

A. The review of the Control Crest Gage Sites were all completed by unanimous opinion, therefore only the actions taken is being reported in these minutes.

B. North Platte River near Sinclair, WY (USGS #06630000)

1. After discussion, the following recommendations were made:

- a. Continue using Rating Table 18.0 (1-14-2005 wjs).
- b. Shift to all measurements.
- c. Measure weekly at flows greater than 4,000 cfs.
- d. Measure biweekly at flows less than 4,000 cfs

C. Medicine Bow River near Hanna, WY (USGS #06635000).

1. After discussion, the following recommendations were made:
 - a. Continue using Rating Table 24.0 (3-7-2011 krw)
 - b. Shift to all measurements.
 - c. Measure weekly at flows greater than 300 cfs.
 - d. Measure biweekly at flows less than 300 cfs.

D. Sweetwater River near Alcova, WY (USGS #0693900).

1. After discussion, the following recommendations were made:
 - a. Continue using Rating Table 23.0 (3-4-2010 blp).
 - b. Shift to all measurements.
 - c. Measure weekly at flows greater than 300 cfs.
 - d. Measure biweekly at flows less than 300 cfs.

E. North Platte River at Orin (USGS #06652000).

1. After discussion, the following recommendations were made:
 - a. Continue using Rating Table 18.1 (9-26-2008 krw)
 - b. Shift to all measurements.
 - c. Measure weekly at flows less than 1,500 cfs.
 - d. Measure biweekly at flows greater than 1,500 cfs.

2. Review of Radar as the Base Gage at Orin.

The radar at Orin was used as the base gage during the 2018 water year. It was presented to the Sub-committee that the radar was working very well. It outperformed the H-350 bubbler throughout the year. Graphs showed that it tracked much closer to the outside gage. When measurements were made, smaller adjustments needed to be made compared to the H-350 bubbler. The radar did not have the painting effect compared to the H-350 bubbler. It was unanimously agreed to continue using the radar as the base gage.

F. North Platte River below Whalen Dam (USGS #06657000).

1. After discussion, the following recommendations were made:
 - a. Continue using Rating Table 23.3 (10-19-2012 rw).
 - b. Shift to all measurements.
 - c. Measure weekly at flows greater than 1,000 cfs.
 - d. Measure biweekly at flow less than 1,000 cfs.

G. North Platte River at the WY-NE Stateline (USGS #0663000).

1. After discussion, the following recommendations were made:
 - a. Continue using Rating Table 26.0 (1-19-2011 krw).
 - b. Shift to all measurements.
 - c. Measure weekly as soon as possible at the start of the week.
 - d. A measurement schedule is attached to this document.
 - e. Additional measurements may be made as conditions warrant.

2. Report on the Sandbar Near the Cableway.

The Sub-committee was provided an update of action taken regarding removal of the sandbar located under the cableway. Kelly Mehling made contact with the Army Corps of Engineers to discuss what would be required to move the sandbar. He forwarded several diagrams of his plan to the Corp. He also calculated the amount of sand that would have to be moved in order to re-channel the river. After continued discussion with the Corp, it was determined that a permit would be required to move any sand within river channel.

Since the SEO began using a River Surveyor boat system, a pulley system was installed at the gage house upstream of the control. At that point, any contact with the Corp was halted as the need was eliminated. The Bureau of Reclamation, USGS, and the SEO are all using an ADCP boat system attached to the pulley. Any further action by the State of Wyoming regarding moving the sandbar was put on hold.

Table 1
 Measurement Schedule for Control Crest Sites, Water year 2019

Week of	Sinclair	Medicine Bow	Sweetwater	Orin	Whalen	Stateline
25-Mar						WY
01-Apr						USBR
08-Apr						NE
15-Apr						WY
22-Apr	WY	WY	WY	WY	WY	USBR
29-Apr	WY	WY	WY	WY	WY	NE
06-May	USBR	USBR	USBR	USBR	USBR	WY
13-May	USBR	USBR	USBR	USBR	USBR	USBR
20-May	WY	WY	WY	WY	WY	NE
27-May	WY	WY	WY	WY	WY	WY
03-Jun	USBR	USBR	USBR	USBR	USBR	USBR
10-Jun	USBR	USBR	USBR	USBR	USBR	NE
17-Jun	WY	WY	WY	WY	WY	WY
24-Jun	WY	WY	WY	WY	WY	USBR
01-Jul	USBR	USBR	USBR	USBR	USBR	NE
08-Jul	USBR	USBR	USBR	USBR	USBR	WY
15-Jul	WY	WY	WY	WY	WY	USBR
22-Jul	WY	WY	WY	WY	WY	NE
29-Jul	USBR	USBR	USBR	USBR	USBR	WY
05-Aug	USBR	USBR	USBR	USBR	USBR	USBR
12-Aug	WY	WY	WY	WY	WY	NE
19-Aug	WY	WY	WY	WY	WY	WY
26-Aug	USBR	USBR	USBR	USBR	USBR	USBR
02-Sep	USBR	USBR	USBR	USBR	USBR	NE
09-Sep	WY	WY	WY	WY	WY	WY
16-Sep	WY	WY	WY	WY	WY	USBR
23-Sep	USBR	USBR	USBR	USBR	USBR	NE
30-SEP	USBR	USBR	USBR	USBR	USBR	WY

Report of the Consumptive Use Subcommittee

For the April 11, 2019, NPDC Meeting

NORTH PLATTE RIVER BASIN WEATHER STATIONS

The invoice for this year is nearly identical to last year, and once again does not fit the Funding Agreement that was approved when Wyoming took over maintenance of the Weather stations. With this being the third year of invoices, the Consumptive Use Subcommittee (CUSC) believes we are now close to a realistic dollar amount for yearly maintenance of the four weather stations.

The attached invoice (NPDC_WS-4) for services provided by Wyoming from April 2018 through March 2019 and totaling \$5,952.04, shows the power, cellular and site visit charges are nearly identical to past invoices (Attachment A). The equipment charges are drastically less than past years as we are now in a “recalibration” cycle with most of the sensors and purchasing new sensors will not be necessary for a couple more years.

The site visits added to this year's invoice are only for the mandatory maintenance trips to the stations, plus one extra trip to Encampment. Jeff Cowley's office time on updating the weather station programs or trouble shooting/fixing issues has not been included in the total cost. Wyoming also did not add time for when their field staff assisted in trouble shooting issues when they were in the area.

DISCUSSIONS ON AVAILABLE DATA AND METHODS FOR CALCULATING CONSUMPTIVE USE

The CUSC members and additional staff from Wyoming and Nebraska held a workshop in Scottsbluff, NE, on March 21, 2019. The purpose of the workshop was to review data and methods currently available to Wyoming in their annual reporting on consumptive use of irrigation water in the North Platte River basin above Guernsey Reservoir (CU report), and determine if more accurate data and methods are, or will soon be, available. Wyoming staff noted that the current CU report is becoming more expensive, time consuming, and less reliable given the modified data being used to complete it. Some of the data required to produce the CU report have remained constant through the years, such as; data collected by the Wyoming Acreage Inspectors and water right changes that must still go through the WY Board of Control.

Wyoming also noted significant data issues with several items used in the report. For instance, the NASS crop yield data collected today, used for estimating water supply, is not comparable to historical data, used when the CU cap was calculated. For example, recent crops have been genetically modified to use less water while producing the same or more yield, and therefore the tons/acre from today are likely greater than historical crops. Additionally, in the NASS data today, some crops are accurately weighed and others are estimated. These differences could have a significant effect on the final numbers calculated in the CU report, and may result in an overestimate of Wyoming's consumptive use.

Report of the Consumptive Use Subcommittee

For the April 11, 2019, NPDC Meeting

Wyoming has also seen issues with a major portion of the data that comes from the weather stations. As indicated in Exhibit 6 of the Decree, the physical locations of weather stations have moved over the years, apparently because older stations became unavailable for various reasons. When choosing a new location for a given area, the most representative of agricultural conditions was supposed to be chosen. Specifically, we have used different locations for the Saratoga, Glenrock, Casper, and Douglas weather stations multiple times over the years. However, several current weather stations are not in ideal locations. The Muddy Gap station is now being represented by Jeffrey City, which appears to be in the middle of town, away from irrigated agriculture. The four current weather stations that Wyoming maintains for NPDC are not located in prime agricultural settings. Lingle is in a gravel parking lot and in the Triangle area (not an area that we can use data from). Douglas is now in a CRP (unirrigated) field. Elk Mountain, which represents Medicine Bow, is on the west edge of an irrigated field with native grass and sage brush up-wind of it. Encampment is on the east edge of an irrigated field, but surrounded by native grass and sage brush. These stations were placed in the best location possible at the time, but the data they provide now is arguably not the best available information to produce a consumptive use report. And furthermore, locations away from irrigated land are typically warmer, and could result in higher consumptive use estimates.

The CUSC proposes that subcommittee members hold one or two workshops prior to the fall 2019 NPDC meeting in order to further explore and discuss potential tools and resources that could be used to report consumptive use of irrigation water in the North Platte River basin. CUSC members will investigate alternative resources and partnerships that may be available through, but not limited to, the University of Nebraska, the University of Wyoming, OpenET, and NASA's Jet Propulsion Laboratory. If this proposal for further investigation is approved by the NPDC, the CUSC will provide a report at the fall 2019 NPDC meeting on what alternative resources appear to be most promising.

ABOVE GUERNSEY AREA SURVEY OF IRRIGATION PRACTICES

In accordance with Paragraphs B.II.B & D of Exhibit B to Exhibit 6 of Appendix G of the Final Settlement, a survey of irrigation practices in the Above Guernsey Area is to be conducted every five years to assist, in part, the Consumptive Use Subcommittee (CUSC) with "data collection and analysis and the review of consumptive use calculation methods". The last survey of the Above Guernsey Area was performed in 2011. At the October 2016 meeting, the NPDC approved a ten, rather than five, year interval between surveys of the Above Guernsey Area and the next survey is scheduled to be conducted in 2021.

Report of the Consumptive Use Subcommittee
For the April 11, 2019, NPDC Meeting

At the fall 2018 NPDC meeting, it was requested that Wyoming provide a report on the data that the State Engineer's Office could collect and potentially use in determining consumptive use. Wyoming has provided the requested information, which includes crop type, water source, and irrigation type, in the attached memo (Attachment B).

Although the CUSC's priority prior to the fall 2019 NPDC meeting will be to explore other options for acquiring and reporting consumptive use data, the information collected through the Above Guernsey Area survey will be considered in this effort.

ACTION ITEMS

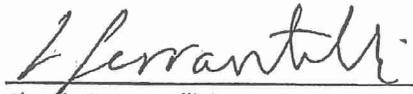
- 1) Approve payment of Invoice (NPDC_WS-4) in the amount of \$5,952.04 for weather station maintenance services provided by the Wyoming State Engineer's Office from April 2018 through March 2019.
- 2) Approve the CUSC's proposal to hold one or two workshops prior to the fall 2019 NPDC meeting in order to further explore and discuss potential tools and resources that could be used to report consumptive use of irrigation water in the North Platte River basin, including any conversations on the 2021 Above Guernsey Area survey that may be needed.

Respectfully submitted by:



Melissa Mosier, Nebraska

4/19/19
Date



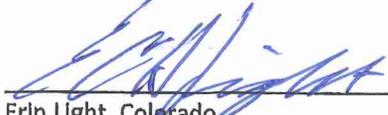
Charlie Ferrantelli, Wyoming

4/11/19
Date



Art Hill, U.S. Bureau of Reclamation

5/3/19
Date



Erin Light, Colorado

05/08/2019
Date

Monthly Services		Carbon P & L	Rocky Mtn Power	Cellular Charges
April	2018	\$ 66.14	\$ 24.88	\$ 194.20
May	2018	\$ 65.63	\$ 24.88	\$ 194.20
June	2018	\$ 64.23	\$ 24.88	\$ 194.20
July	2018	\$ 63.60	\$ 24.97	\$ 194.20
August	2018	\$ 63.86	\$ 25.14	\$ 194.20
Sept	2018	\$ 63.60	\$ 25.14	\$ 194.11
Oct	2018	\$ 63.98	\$ 25.14	\$ 194.11
Nov	2018	\$ 64.63	\$ 25.14	\$ 194.16
Dec	2018	\$ 66.65	\$ 25.22	\$ 188.35
Jan	2019	\$ 67.92	\$ 25.22	\$ 188.35
Feb	2019	\$ 67.66	\$ 25.28	\$ 188.35
Mar	2019	\$ 66.91	\$ 25.36	\$ 188.35
Total		\$ 784.81	\$ 301.25	\$ 2,306.78

Summary	
Monthly Service Charges Total	\$ 3,392.84
Equipment Upgrade Total	\$ 630.00
Site Visit Total	\$ 1,929.20

Total Invoice	\$ 5,952.04
Total Invoice / 3	\$ 1,984.01

Misc WS Items		
Qty	Unit Price	Total Price
0	\$ -	\$ -
0	\$ -	\$ -
		\$ -
Total		\$ -

Campbell Sci		
Qty	Unit Price	Total Price
1	\$ 375.00	\$ 375.00
1	\$ 255.00	\$ 255.00
0	\$ -	\$ -
0	\$ -	\$ -
0	\$ -	\$ -
Total		\$ 630.00

New Temp/Hummidity at Encampment
 New Enclosure at Lingle

Site Visits		
Daily Rate + Mileage	Trips	Total Price
368.32	1	\$ 368.32
392.30	2	\$ 784.60
381.40	1	\$ 381.40
394.88	1	\$ 394.88
Total		\$ 1,929.20

Daily rate \$316	Douglas 136 miles
2018 miles \$0.545	Lingle 96 miles
2019 miles \$0.58	Elk Mtn 120 miles
	Encampment 140 miles

Wyoming State Engineer's Office
Water Division 1, Torrington, Field Office
511 West 27th St.
Torrington, WY 82240

307-532-2248 (Voice)
rob.foreman@wyo.gov (email)

MEMORANDUM



TO: Jeff Cowley, North Platte River Coordinator
CC: Brian Pugsley, Superintendent, Division 1
FROM: Rob Foreman, Program Principal
SUBJECT: Consumptive Use Data
DATE: March 7, 2019

OVERVIEW

This memo is to assist in the explanation of the data provided in the spreadsheets that list water type, crop type, and irrigation type.

During inspections for the "Intentionally Irrigated Acres" report, data was collected that could be used in calculating consumptive use. Crop types, water source, and types of irrigation were noted. Each will be discussed in detail.

Water source is being described by the following:

1. Tributary Surface Water
2. Reservoir Stored Surface Water
3. Hydrologically Connected Groundwater
4. Non-hydrologically Groundwater (Green Area Groundwater)
5. Sole Source Additional Supply Groundwater (Non-Exhibit 4 or 12 Well Groundwater)
6. Transferred Groundwater by Temporary Order
7. Mainstem North Platte River Surface Water
8. Triangle Area Groundwater
9. Casper Alcova Irrigation District Surface Water
10. Industrial Effluent Waste Water
11. Glendo Contract Temporary Use Water
12. Transferred Surface Water by Temporary Order

Many irrigated fields have multiple water sources. Tributary surface water, reservoir stored surface water, hydrologically connected groundwater, and mainstem surface water are the only accountable water sources for the annual

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"Intentionally Irrigated Acres" report. Therefore I feel it is important to look at all sources of water when looking for any trends in irrigation or cropping.

Also, the irrigated acre description does not note whether the lands were fully irrigated or a minimal amount of water was applied. It only notes that water was observed being actively applied to lands or that evidence exists that water had been applied.

Crop type is described by the following:

1. Grass (> 70% pure stand)
2. Alfalfa/Grass Mix (> 30% Grass and < 70% Alfalfa)
3. Alfalfa (> 70% pure stand)
4. Small Grains (Wheat, Barley, Oats, Triticale, etc.)
5. Coarse Grains (Corn, Grain Sorghum, Millet, etc.)
6. Dry Edible Beans (Great Northern, Pinto, Kidney, etc.)
7. Sugar Beets
8. Forage Sorghum (Sudex, Sudan, Forage Millet, etc.)
9. New Seeding Alfalfa
10. Grapes
11. Sunflowers (Confectionary and Oil, Canola, Safflower, etc.)
12. Fallow
13. Wildlife Food Plots
14. Vegetable Crops (Potatoes, Carrots, Onions, Sweet Corn)
15. Trees (All Varieties)

Irrigation type is describe by the following:

1. Flood (uncontrolled delivery)
2. Improved Flood (Corrugations, Furrows, Gated Pipe, Siphon Tubes Border Dikes, etc.)
3. Overhead (Center Pivot, Side Roll, Big Squirt, Lateral Sprinklers, Hand Lines, ets.)
4. Drip (Above Ground Pipe, Sub-surface Pipe)

Flood irrigation is based on gravity. Cut-outs in ditches release water where it runs wild to the lowest elevation in the field. There is no attempt to direct water to a specific place. This is most common in high elevation, low crop diversity, and short growing season areas.

Improved flood is where there is an attempt to increase the efficiency in irrigation. By controlling the release and direction of water, it spreads water more evenly over a large area. These irrigation methods are much more labor intensive than

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wild flood. It is generally used in areas with longer growing seasons where higher cash value crops can be produced.

We have defined Overhead Irrigation by spreading water through a system that produces a droplet of water and is applied to a specific area. It is very controlled and highly efficient. This irrigation system is more common in lower elevations or where groundwater is available. The input costs for this type of irrigation are very high and generally require a closed delivery system. Therefore we frequently see these systems tied to river pumps or groundwater wells. Also, overhead irrigation systems are more numerous in long growing season areas with high crop diversity.

OBSERVATIONS

Based on the historical farming culture and practice, relatively little has changed during the period that acreage inspections have been made in the Medicine Bow Area, Sweetwater Area, and Saratoga Area. The growing season limits the types of crops that can be grown. Nearly all the crops are perennials and grown for forage. Most of the fluctuations in acres are a direct result of the availability of irrigation water. Relatively few new acres have been introduced and relatively few acres have been eliminated. Farming methods, practices, and equipment remained constant. Since we do not have the resources to record what method of harvest is taking place, we cannot make a determination on the disposition of the crops. However, it is common for the crops to be hayed and then grazed at a later date.

When looking at the Below Pathfinder areas, the growing season begins to get a little longer. There is more diversity in crops and some annuals are planted that require tillage operations. Still, forage crops are predominant. Here there may be multiple cuts of forage during the growing season. This area seems to be more populated and sales of land are more common. In places, new owners are reactivating old irrigation systems and new acres are being introduced. But in contrast, urban sprawl is eliminating acres about as fast. We begin to see more improved flood and overhead irrigation systems in this area especially as you move downstream from Casper. Many acres in this area have additional supply groundwater to compliment their original supply. Since the additional supply water is unaccountable for the Intentionally Irrigated Acres report, lands that appear irrigated one year may not be reflected as irrigated the next year. It depends on the water source applied by the appropriator. This is why it is important to use both accountable and unaccountable water sources to look for trends in irrigation practices. Overall, there may be a slight bit more overhead and improved flood irrigation practices introduced the past several years, but the crops, farming practices, and cultural practice remain nearly the same.

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Water Division 1, Torrington, Field Office
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Torrington, WY 82240

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The Lower Laramie area is a combination of the above Pathfinder area and the below Pathfinder area. Irrigation practices range from those resembling the high elevations to those of intense irrigation can be found. It depends on the elevation and growing season. In the upper Lower Laramie area, it is forage crops with flood irrigation. The lower end is annual crops requiring tillage operations with crops ranging from sugar beets and dry edible beans to alfalfa. Since many of the low elevation crops require a certain type of irrigation, the practices have not changed during the time inspections have been made.

CONCLUSION

By looking at the crop type, water source, and irrigation type, I see no trends that would indicate any significant change.

Rob Foreman, Program Principal
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rob.foreman@wyo.gov

Report of the Replacement Water Subcommittee
For the April 11, 2019, NPDC Meeting

TRIANGLE AREA SURVEY OF IRRIGATION PRACTICES

In accordance with Paragraph D.2 of Exhibit 10, Paragraph B.3.b.ii of Exhibit 11, and Paragraphs B.II.B & D of Exhibit B to Exhibit 6 of Appendix G of the Final Settlement Stipulation, a survey of irrigation practices in the Triangle Area is to be conducted every five years to assist, in part, the Replacement Water Subcommittee (RWSC) in the collection of "information on the basic parameters used to estimate the replacement water requirements". The last survey of the Triangle Area was performed in 2012. At the October 2016 meeting, the NPDC approved a ten, rather than five, year interval between surveys of the Triangle Area and the next survey will be conducted in 2022.

A number of the members of the RWSC also serve on the Consumptive Use Subcommittee (CUSC), which held a workshop on March 21, 2019, in order to discuss other available options for determining and reporting consumptive use in the North Platte River Basin. The CUSC is seeking approval from the NPDC to continue these discussions and hold one or two additional workshops before the fall 2019 NPDC meeting. At these workshops, the subcommittee members intend to consider how other resources or tools used to determine and report on consumptive use could also be applicable to the Triangle Area survey. No other action has been taken by the RWSC in regard to the Triangle Area survey since the fall 2018 NPDC meeting.

Respectfully submitted by:



Melissa Mosler, Nebraska

4/25/19
Date



Art Hill, US Bureau of Reclamation

5/3/19
Date



Jeff Zowley, Wyoming SEO

4/11/19
Date



Erin Light, Colorado

05/08/2019
Date

Spring 2019 Budget Status Report

1. **Nebraska Community Foundation Financial Statement**

The Nebraska Community Foundation (NCF) provided current balances for each NPDC partner as of March 26, 2019. They are as follows: Nebraska \$4,257.59; Reclamation \$0.00; and Wyoming \$13,639.70; with a total balance of \$17,897.29 in the North Platte Decree Foundation Fund.

1.1 The NCF Project Financial Statement (7/1/18-2/28/19) from Diane Wilson showing current balances is *Attachment FSC-1*.

2. **NPDC Contracts / Funding Agreements**

2.1 **Consumptive Use Subcommittee – Weather Stations Project**

The Wyoming State Engineer's Office has assumed the maintenance of the four weather stations. A multi-year funding agreement for Wyoming to continue operation and maintenance of the weather stations was approved by the NPDC in the April 2016 NPDC meeting.

On April 3, 2019, Wyoming submitted an invoice for \$5,952.04 for the operations, maintenance, and equipment upgrade for the weather stations for the period April 2018 through March 2019. *Attachment FSC-2* is the NPDC approval page and the Wyoming invoice.

3. **Current Invoices and Total Disbursements**

The current Wyoming invoice for the weather stations will be addressed at the April 2019 NPDC meeting.

4. **Action Items**

- Present the approval page for signatures for the Wyoming weather station invoice.

Report of the Finance Subcommittee

For the April 11, 2019 NPDC Meeting

Respectfully submitted by:



Jeff Cowley, Wyoming
Finance Subcommittee Chair

4/11/19
Date



Jennifer J. Schellpeper, Nebraska

4/23/19
Date



Art Hill, U.S. Bureau of Reclamation

5/3/19
Date



Erin Light, Colorado

04/30/19
Date

Nebraska Community Foundation Project Financial Statement

Attachment FSC-1
NPDC Meeting
April 11, 2019
Attachment I

		<u>7/1/2018- 2/28/2019</u>
North Platte Decree Committee Fund - TOTAL		
ASSETS		
1111	Cash - Affiliated Funds	\$17,897.29
TOTAL ASSETS		<u>\$17,897.29</u>
3500	Fund Balance	\$17,897.29
TOTAL LIABILITIES AND FUND BALANCE		<u>\$17,897.29</u>
REVENUES		
4000	Government Grants-Fed Agency	\$3,872.64
4320	NPDC Intra-Fund Revenue	\$11,064.68
TOTAL REVENUES		<u>\$14,937.32</u>
EXPENSES		
5100	Disbursements	\$11,064.68
7205	Support Fee Other PPP	\$553.24
TOTAL EXPENSES		<u>\$11,617.92</u>
NET SURPLUS/(DEFICIT)		<u>\$3,319.40</u>

**Nebraska Community Foundation
Project Financial Statements**

Attachment FSC-1
NPDC Meeting
April 11, 2019
Attachment I

	7/1/2018- 2/28/2019
10538 - North Platte Decree Committee Fund 1FED Acct	
Beginning Balance	\$0.00
 Income Statement	
Revenues	
4000 Government Grants-Fed Agency	\$3,872.64
Total Revenues	\$3,872.64
 Expenses	
5100 Disbursements	\$3,688.22
7205 Support Fee Other PPP	\$184.42
Total Expenses	\$3,872.64
 Net Surplus/Deficit	\$0.00
 Ending Balance	\$0.00
 Balance Sheet	
<Zero balances>	

Nebraska Community Foundation Project Financial Statements

Attachment FSC-1
April 11, 2019
Attachment I

	7/1/2018- 2/28/2019
10539 - North Platte Decree Committee Fund <u>1NEB</u> Acct	
Beginning Balance	\$7,305.23
 Income Statement	
Revenues	
4320 NPDC Intra-Fund Revenue	\$825.00
Total Revenues	\$825.00
 Expenses	
5100 Disbursements	\$3,688.23
7205 Support Fee Other PPP	\$184.41
Total Expenses	\$3,872.64
 Net Surplus/Deficit	 (\$3,047.64)
 Ending Balance	 \$4,257.59
 Balance Sheet	
Assets	
1111 Cash - Affiliated Funds	\$4,257.59
Total Assets	\$4,257.59
 Fund Balance	
3500 Fund Balance	\$4,257.59
Total Fund Balance	\$4,257.59

Nebraska Community Foundation Project Financial Statements

	7/1/2018- 2/28/2019
10540 - North Platte Decree Committee Fund 1WYO Acct	
Beginning Balance	\$7,272.66
 Income Statement	
Revenues	
4320 NPDC Intra-Fund Revenue	\$10,239.68
Total Revenues	\$10,239.68
 Expenses	
5100 Disbursements	\$3,688.23
7205 Support Fee Other PPP	\$184.41
Total Expenses	\$3,872.64
 Net Surplus/Deficit	 \$6,367.04
 Ending Balance	 \$13,639.70
 Balance Sheet	
Assets	
1111 Cash - Affiliated Funds	\$13,639.70
Total Assets	\$13,639.70
 Fund Balance	
3500 Fund Balance	\$13,639.70
Total Fund Balance	\$13,639.70

Nebraska Community Foundation Project Activity Report

Attachment FSC-1
NPDC Meeting
April 11, 2019
Attachment I

Account	Description	Date	Reference	Balance
10538				
10538 - North Platte Decree Committee Fund 1FED Acct				
			<i>Beginning Balance</i>	\$0.00
			<i>Adjustments to Balance</i>	\$0.00
11-4000	Government Grants-Fed Agenc	9/17/2018	DOI IV 2018-09-001	\$3,872.64
11-5100	Disbursements	9/17/2018	Pay WY SEO #NPDC WS-3 (weather stations 4/17	(\$3,413.22)
11-5100	Disbursements	9/17/2018	Pay NE DNR inv #201701 (data mgmt CY 2017)	(\$275.00)
11-7205	Support Fee Other PPP	9/17/2018	Sept 2018 NCF cost reimb from NPDC	(\$184.42)
			<i>Ending Balance</i>	\$0.00
			<i>Totals for 10538:</i>	<i>\$0.00</i>

Nebraska Community Foundation Project Activity Report

Attachment FSC-1
NPDC Meeting
April 11, 2019
Attachment I

Account	Description	Date	Reference	Balance
10539				
10539 - North Platte Decree Committee Fund 1NEB Acct				
			<i>Beginning Balance</i>	\$7,305.23
			<i>Adjustments to Balance</i>	\$0.00
11-4320	NPDC Intra-Fund Revenue	9/17/2018	Pay NE DNR inv #201701 (data mgmt CY 2017)	\$825.00
11-5100	Disbursements	9/17/2018	Pay WY SEO #NPDC WS-3 (weather stations 4/17	(\$3,413.23)
11-5100	Disbursements	9/17/2018	Pay NE DNR inv #201701 (data mgmt CY 2017)	(\$275.00)
11-7205	Support Fee Other PPP	9/17/2018	Sept 2018 NCF cost reimb from NPDC	(\$184.41)
			<i>Ending Balance</i>	\$4,257.59
			<i>Totals for 10539:</i>	(\$3,047.64)

Nebraska Community Foundation Project Activity Report

Attachment FSC-1
NPDC Meeting
April 11, 2019
Attachment I

Account	Description	Date	Reference	Balance
10540				
10540 - North Platte Decree Committee Fund 1WYO Acct				
			<i>Beginning Balance</i>	\$7,272.66
			<i>Adjustments to Balance</i>	\$0.00
11-4320	NPDC Intra-Fund Revenue	9/17/2018	Pay WY SEO #NPDC WS-3 (weather stations 4/17	\$10,239.68
11-5100	Disbursements	9/17/2018	Pay WY SEO #NPDC WS-3 (weather stations 4/17	(\$3,413.23)
11-5100	Disbursements	9/17/2018	Pay NE DNR inv #201701 (data mgmt CY 2017)	(\$275.00)
11-7205	Support Fee Other PPP	9/17/2018	Sept 2018 NCF cost reimb from NPDC	(\$184.41)
			<i>Ending Balance</i>	\$13,639.70
			<i>Totals for 10540:</i>	<i>\$6,367.04</i>

Monthly Services		Carbon P & L	Rocky Mtn Power	Cellular Charges
April	2018	\$ 66.14	\$ 24.88	\$ 194.20
May	2018	\$ 65.63	\$ 24.88	\$ 194.20
June	2018	\$ 64.23	\$ 24.88	\$ 194.20
July	2018	\$ 63.60	\$ 24.97	\$ 194.20
August	2018	\$ 63.86	\$ 25.14	\$ 194.20
Sept	2018	\$ 63.60	\$ 25.14	\$ 194.11
Oct	2018	\$ 63.98	\$ 25.14	\$ 194.11
Nov	2018	\$ 64.63	\$ 25.14	\$ 194.16
Dec	2018	\$ 66.65	\$ 25.22	\$ 188.35
Jan	2019	\$ 67.92	\$ 25.22	\$ 188.35
Feb	2019	\$ 67.66	\$ 25.28	\$ 188.35
Mar	2019	\$ 66.91	\$ 25.36	\$ 188.35
Total		\$ 784.81	\$ 301.25	\$ 2,306.78

Summary	
Monthly Service Charges Total	\$ 3,392.84
Equipment Upgrade Total	\$ 630.00
Site Visit Total	\$ 1,929.20

Total Invoice	\$ 5,952.04
Total Invoice / 3	\$ 1,984.01

Misc WS Items		
Qty	Unit Price	Total Price
0	\$ -	\$ -
0	\$ -	\$ -
		\$ -
Total		\$ -

Campbell Sci			
Qty	Unit Price	Total Price	
1	\$ 375.00	\$ 375.00	New Temp/Hummidity at Encampment
1	\$ 255.00	\$ 255.00	New Enclosure at Lingle
0	\$ -	\$ -	
0	\$ -	\$ -	
0	\$ -	\$ -	
Total		\$ 630.00	

Site Visits			
Daily Rate + Mileage	Trips	Total Price	
368.32	1	\$ 368.32	Lingle
392.30	2	\$ 784.60	Encampment
381.40	1	\$ 381.40	Elk Mtn
394.88	1	\$ 394.88	Douglas
Total		\$ 1,929.20	

Daily rate \$316	Douglas 136 miles
2018 miles \$0.545	Lingle 96 miles
2019 miles \$0.58	Elk Mtn 120 miles
	Encampment 140 miles



Campbell Scientific Inc

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Phone 435.227.9000 • Fax 435.227.9091

P.O. Number	PO037040618000002
S.O. Number	329847
SE	Collin Daly
Customer Number	75228
Order Date	04-12-18
Page	1

Sales Order Acknowledgement

B I L L T O	Wyoming State Engineers Office Herschler Building 4 East 122 W 25th St Cheyenne, WY 82002
----------------------------	--

S H I P T O	Cricket Hoskins Wyoming State Engineers Office Herschler Building 4 East 122 W 25th St Cheyenne, WY 82002
----------------------------	---

Buyer Contact		Jeffrey Cowley		Freight Terms		PP&A	
Phone		307-777-7641		Ship Via		FEDEX GROUND	
Email		jeff.cowley@wyo.gov		Incoterms		FOB Cheyenne WY	
User Name		Charlie Ferrantelli		Payment Terms		Net 30 Days	
Li	Model	Part	Description	Est Ship	Qty	Sell Price	Ext. Price
	Notes: ~~~~~						
1		NOTE	* * * GREEN RIVER * * *	05-01-18	1 EA	0.00	
2	LOGGERNET-DD	31046-2	Datalogger Support Software -DD Download & CD Disc	05-01-18	1 EA	650.00	\$650.00
3	EE181-L9-PT	32369-21	E+E Temperature/RH Probe 9ft cable per sensor -PT w/Tinned Wires	05-01-18	5 EA	481.75	\$2,408.75
4	05103-L14-PT	18435-357	RM Young Wind Monitor 14ft cable per sensor -PT w/Tinned Wires	05-01-18	3 EA	1,050.50	\$3,151.50
5		SPECIAL-COM	Campbell Scientific Stand Alone Cellular Modem w/ CELL210 Verizon Mobile Network NOT CANCELABLE OR RETURNABLE PRODUCT	07-18-18	1 EA	615.00	\$615.00
6	CR1000X-NA	33268-2	Measurement & Control	05-01-18	1 EA	1,650.00	\$1,650.00
Continued							
Total							

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Phone 435.227.9000 • Fax 435.227.9091

P.O. Number	P0037040618000002621
S.O. Number	329847
SE	Collin Daly
Customer Number	75228
Order Date	04-12-18
Page	2

Sales Order Acknowledgement

B I L L T O	Wyoming State Engineers Office Herschler Building 4 East 122 W 25th St Cheyenne, WY 82002
--------------------------------	--

S H I P T O	Cricket Hoskins Wyoming State Engineers Office Herschler Building 4 East 122 W 25th St Cheyenne, WY 82002
--------------------------------	---

Buyer Contact		Jeffrey Cowley		Freight Terms		PP&A	
Phone		307-777-7641		Ship Via		FEDEX GROUND	
Email		jeff.cowley@wyo.gov		Incoterms		FOB Cheyenne WY	
User Name		Charlie Ferrantelli		Payment Terms		Net 30 Days	
Li	Model	Part	Description	Est Ship	Qty	Sell Price	Ext. Price
	-ST-SW		Datalogger -NA No Additional Coms -ST -40 to +70C -SW Standard 3yr Warranty				
7	52202-L30-LP30	27014-7	RM Young Heated Rain Gage w/6.3 Orifice 30ft cable per sensor 30ft per power cable	05-01-18	1 EA	891.90	\$891.90
8	TE525WS-L1 4-PT	10868-93	Texas Electronics Rain Gage 0.01 inch (0.254mm) Tip w/8 inch Orifice 14ft cable per sensor -PT w/Tinned Wires	05-01-18	1 EA	401.72	\$401.72
9	29796-US	29796-1	Power Supply 24Vdc 1.67A Output, 100-240Vac 1A Input, 5ft Cable -US US & Canada Plug	05-01-18	5 EA	30.00	\$150.00
10		32262	4G/3G Omni 2dBd Antenna w/Type N Female & CSI Mounting Hardware	05-01-18	1 EA	90.00	\$90.00
						Continued	
						Total	

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Order Date	04-12-18
Page	3

Sales Order Acknowledgement

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S H I P T O	Cricket Hoskins Wyoming State Engineers Office Herschler Building 4 East 122 W 25th St Cheyenne, WY 82002
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Buyer Contact		Jeffrey Cowley		Freight Terms		PP&A	
Phone		307-777-7641		Ship Via		FEDEX GROUND	
Email		jeff.cowley@wyo.gov		Incoterms		FOB Cheyenne WY	
User Name		Charlie Ferrantelli		Payment Terms		Net 30 Days	
Li	Model	Part	Description	Est Ship	Qty	Sell Price	Ext. Price
11		NOTE	* * * WATER STRATEGY * *	05-01-18	1 EA	0.00	
12	CR6-NA-ST-SW	28385-5	Measurement & Control Datalogger -NA No Additional Coms -ST -40 to +70C -SW Standard 3yr Warranty	05-01-18	1 EA	1,950.00	\$1,950.00
13		SPECIAL-COM	Campbell Scientific Stand Alone Cellular Modem w/ CELL210 Verizon mobile network NOT CANCELABLE OR RETURNABLE PRODUCT	07-18-18	1 EA	615.00	\$615.00
14	LI200R-L12-PT	31983-45	LI-COR Pyranometer 12ft cable per sensor -PT w/Tinned Wires	05-01-18	1 EA	500.76	\$500.76
15	TE525WS-L14-PT	10868-93	Texas Electronics Rain Gage 0.01 inch (0.254mm) Tip w/8 inch Orifice 14ft cable per sensor -PT w/Tinned Wires	05-01-18	1 EA	401.72	\$401.72
Continued							
Total							

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P.O. Number	PO037040618000002621
S.O. Number	329847
SE	Collin Daly
Customer Number	75228
Order Date	04-12-18
Page	4

Sales Order Acknowledgement

B I L L T O	Wyoming State Engineers Office Herschler Building 4 East 122 W 25th St Cheyenne, WY 82002
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S H I P T O	Cricket Hoskins Wyoming State Engineers Office Herschler Building 4 East 122 W 25th St Cheyenne, WY 82002
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Buyer Contact		Jeffrey Cowley		Freight Terms		PP&A		
Phone		307-777-7641		Ship Via		FEDEX GROUND		
Email		jeff.cowley@wyo.gov		Incoterms		FOB Cheyenne WY		
User Name		Charlie Ferrantelli		Payment Terms		Net 30 Days		
Li	Model	Part	Description	Est Ship	Qty		Sell Price	Ext. Price
16		31128	Wideband 8dBd YAGI Antenna w/Type N Female & Mounting Hardware	05-01-18	1	EA	80.00	\$80.00
17	05103-L14-PT	18435-357	RM Young Wind Monitor 14ft cable per sensor -PT w/Tinned Wires	05-01-18	1	EA	1,050.50	\$1,050.50
18		NOTE	* * * NORTH PLATTE * * *	05-01-18	1	EA	0.00	
19	LI200R-L12-PT	31983-45	LI-COR Pyranometer 12ft cable per sensor -PT w/Tinned Wires	05-01-18	2	EA	500.76	\$1,001.52
20	ENC12/14-S C-NM	30707-91	Weather-Resistant 12 x 14 inch Enclosure -SC 1 Conduit for Cables -NM No Enclosure Mounting	05-01-18	1	EA	255.00	\$255.00
21	52202-L30-LP30	27014-7	RM Young Heated Rain Gage w/6.3 Orifice 30ft cable per sensor 30ft per power cable	05-01-18	1	EA	891.90	\$891.90
22	29796-US	29796-1	Power Supply 24Vdc 1.67A	05-01-18	4	EA	30.00	\$120.00
							Continued	
							Total	

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Campbell Scientific Inc

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Phone 435.227.9000 • Fax 435.227.9091

P.O. Number	P003704061800000262
S.O. Number	329847
SE	Collin Daly
Customer Number	75228
Order Date	04-12-18
Page	5

Sales Order Acknowledgement

B I L L T O	Wyoming State Engineers Office Herschler Building 4 East 122 W 25th St Cheyenne, WY 82002
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S H I P T O	Cricket Hoskins Wyoming State Engineers Office Herschler Building 4 East 122 W 25th St Cheyenne, WY 82002
----------------------------	---

Buyer Contact		Jeffrey Cowley		Freight Terms		PP&A	
Phone		307-777-7641		Ship Via		FEDEX GROUND	
Email		jeff.cowley@wyo.gov		Incoterms		FOB Cheyenne WY	
User Name		Charlie Ferrantelli		Payment Terms		Net 30 Days	
Li	Model	Part	Description	Est Ship	Qty	Sell Price	Ext. Price
			Output, 100-240Vac 1A Input, 5ft Cable -US US & Canada Plug				
						SUBTOTAL	\$16,875.27
						TAX	\$0.00
						FREIGHT	TO BE ADDED
						Total	\$16,875.27

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Phone 435.227.9092 • Fax 435.227.9091
Fed. I.D. #87-0305157 • DUNS#06-798-0730

P.O. Number	P0037170919160000005
Invoice Number	220373
Shipment Number	312727-1
Invoice / Ship Date	18 Oct 2016
Due Date	17 Nov 2016
Customer Number	75228
Page	1

Invoice

B I L L T O	Wyoming State Engineers Office Herschler Building 1st W 122 W 25th St Cheyenne, WY 82002
----------------------------	---

S H I P T O	Brenna Mefford Wyoming State Engineers Office Herschler Building 1st W 122 W 25th St Cheyenne, WY 82002
----------------------------	---

Buyer Contact		Jeffrey Cowley		Payment Terms		N30		
Phone		307-777-7641		Ship Via		FEDEX GROUND		
Email		jeff.cowley@wyo.gov		Freight Terms		PP&A		
User Name		Brenna Mefford		Incoterms		FOB Cheyenne WY		
Li	Model	Part	Description	CO	Qty	UM	Unit Price	Ext. Price
1	HC2S3-L4-P T	27725-63	Rotronic HygroClip2 Temperature/RH Probe 4ft cable per probe -PT w/Tinned Wires	CH	4	EA 2-2016 2-2017	479.16	1,916.64
2		27728	HC2S3 Replacement Sensor Head Only	CH	4	EA 1-2018	375.00	1,500.00
3	LI200R-L12 -PT	31983-8	LI-COR Pyranometer 12ft cable per sensor -PT w/Tinned Wires	US	2	EA	490.64	981.28
4		32218	LI200R Replacement Head	US	2	EA	350.00	700.00
5	05108-L12- PT	32123-9	RM Young Heavy Duty Wind Monitor 12ft cable per sensor	US	5	EA 2-2016 2-2017	1,569.00	7,845.00
							Continued	
							Total	

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Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2637 1 AB 0.405 5 2637
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004



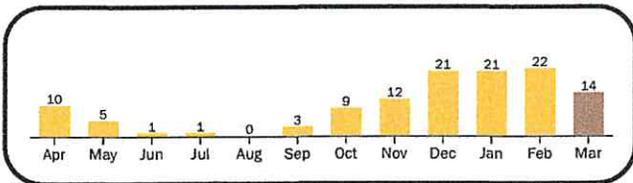
Statement Date	04/03/2018
Invoice Number	156
Payment Due	04/19/2018

Service Summary	
Previous Balance	\$134.95
Payment 03/19/2018	<i>Thank You!</i> -\$134.95
Balance Forward	\$0.00
Current Charges	\$66.14
Total Amount Due	\$66.14



Account Number: 4046701 Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
3843964	03/01/18	04/01/18	31	2216	2230	1	14	General Service	Regular	022 251981 003

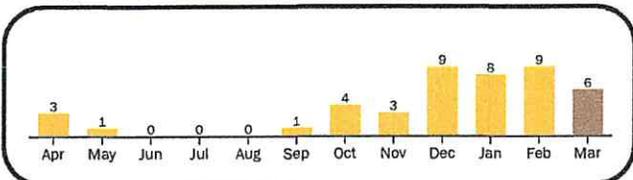


ENERGY CHARGE	14 KWH @ 0.12003	1.68
FACILITY CHARGE		30.00
SALES TAX		1.90
CURRENT BILLING		33.58

TOTAL AMOUNT DUE 04/19/2018 33.58
 TOTAL AMOUNT DUE AFTER 04/19/2018 33.58

Account Number: 2132201 Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	02/28/18	04/01/18	32	3	9	1	6	General Service	Regular	033 151583 003



ENERGY CHARGE	6 KWH @ 0.12003	0.72
FACILITY CHARGE		30.00
SALES TAX		1.84
CURRENT BILLING		32.56

TOTAL AMOUNT DUE 04/19/2018 32.56
 TOTAL AMOUNT DUE AFTER 04/19/2018 32.56





Carbon Power & Light
100 E Willow Ave.
PO Box 579
Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
ATTN: JEFF COWLEY
122 W 25TH STREET
CHEYENNE WY 82002-0000

Invoice #:

Billing Date:

Due Date:

Page:

04/03/2018

04/19/2018

3 of 4

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	3843964	ELK MTN WEATHER STATION		0.00	33.58	33.58
2132201	11480564	ENC WEATHER STATION		0.00	32.56	32.56
Total				0.00	66.14	66.14

*OK to pay
for
4/9/18*



Carbon Power & Light
100 E Willow Ave.
PO Box 579
Saratoga WY 82331-0579

Account Number	4046701
Amount Due 04/19/2018	\$66.14
Amount Due After 04/19/2018	\$66.14

Check this box to sign up for an Automatic Bank Draft!
Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
Account Number: 4046701
We accept Visa & MasterCard



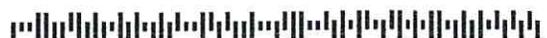
For more information, visit our website or office.



www.carbonpower.com

CARBON POWER & LIGHT, INC.
PO BOX 579
SARATOGA WY 82331-0579

1



540210004046701000006614000006614040320183



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2636 1 AB 0.405 5 2636
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004



Statement Date	05/02/2018
Invoice Number	156
Payment Due	05/21/2018

NPDC Meeting
 April 2019
 Attachment I

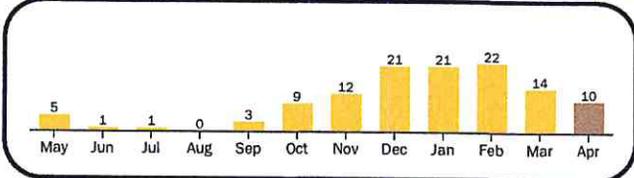
Service Summary	
Previous Balance	\$66.14
Payment 04/19/2018	<i>Thank You!</i> -\$66.14
Balance Forward	\$0.00
Current Charges	\$65.63
Total Amount Due	\$65.63

Message from Carbon Light & Power
 We will begin our summer hours on May 7. Office hours are 7:00am to 5:30pm Monday through Thursday. For outage or service interruptions our crews are available 24/7 at the phone numbers listed on your billing.

Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
3843964	04/01/18	05/01/18	30	2230	2240	1	10	General Service	Regular	022 251981 003



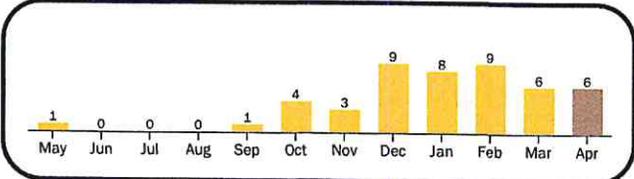
ENERGY CHARGE	10 KWH @ 0.12003	1.20
FACILITY CHARGE		30.00
SALES TAX		1.87
CURRENT BILLING		33.07

TOTAL AMOUNT DUE 05/21/2018 **33.07**
 TOTAL AMOUNT DUE AFTER 05/21/2018 **33.07**

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	04/01/18	05/01/18	30	9	15	1	6	General Service	Regular	033 151583 003



ENERGY CHARGE	6 KWH @ 0.12003	0.72
FACILITY CHARGE		30.00
SALES TAX		1.84
CURRENT BILLING		32.56

TOTAL AMOUNT DUE 05/21/2018 **32.56**
 TOTAL AMOUNT DUE AFTER 05/21/2018 **32.56**





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #:
Billing Date: 05/02/2018
Due Date: 05/21/2018
Page: 3 of 4

NPDC Meeting
 April 16 2019
 Attachment I

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	3843964	ELK MTN WEATHER STATION		0.00	33.07	33.07
2132201	11480564	ENC WEATHER STATION		0.00	32.56	32.56
Total				0.00	65.63	65.63

OK TO Pay
5/8/18
JM



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

Account Number	4046701
Amount Due 05/21/2018	\$65.63
Amount Due After 05/21/2018	\$65.63

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 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
Account Number: 4046701
 We accept Visa & MasterCard



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CARBON POWER & LIGHT, INC.
 PO BOX 579
 SARATOGA WY 82331-0579

1



540210004046701000006563000006563050220188



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2639 1 AB 0.405 5 2639
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004

Statement Date	06/04/2018
Invoice Number	156
Payment Due	06/20/2018

NPDC Meeting
 2019
 Attachment I

Service Summary	
Previous Balance	\$65.63
Payment 05/21/2018	<i>Thank You!</i> -\$65.63
Balance Forward	\$0.00
Current Charges	\$64.23
Total Amount Due	\$64.23

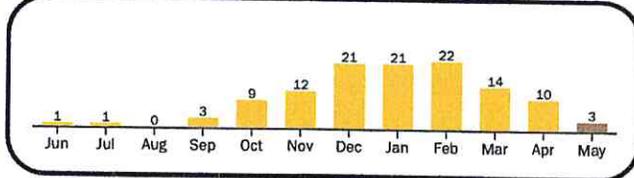
Message from Carbon Light & Power
 Please plan on attending the 77th Annual Meeting June 23, 2018. This years annual meeting will be held at the Saratoga Middle High School, 801 Elm Street.



Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
3843964	05/01/18	06/01/18	31	2240	2243	1	3	General Service	Regular	022 251981 003



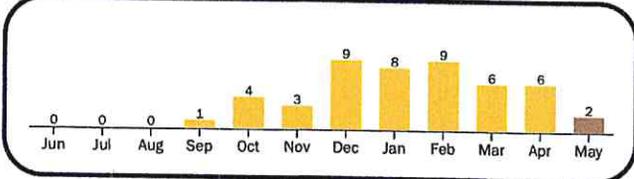
ENERGY CHARGE	3 KWH @ 0.12003	0.36
FACILITY CHARGE		30.00
SALES TAX		1.82
CURRENT BILLING		32.18

TOTAL AMOUNT DUE 06/20/2018 **32.18**
 TOTAL AMOUNT DUE AFTER 06/20/2018 **32.18**

Account Number: 2132201

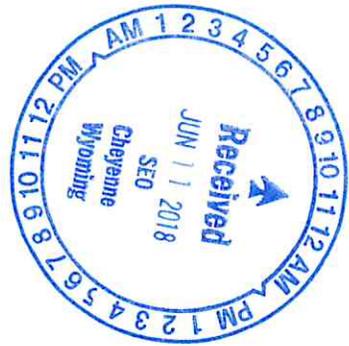
Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	05/01/18	06/01/18	31	15	17	1	2	General Service	Regular	033 151583 003



ENERGY CHARGE	2 KWH @ 0.12003	0.24
FACILITY CHARGE		30.00
SALES TAX		1.81
CURRENT BILLING		32.05

TOTAL AMOUNT DUE 06/20/2018 **32.05**
 TOTAL AMOUNT DUE AFTER 06/20/2018 **32.05**





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #:
 Billing Date:
 Due Date:
 Page:

NPDC Meeting
 April 18, 2019
 Attachment I
 06/04/2018
 06/20/2018
 3 of 4

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	3843964	ELK MTN WEATHER STATION		0.00	32.18	32.18
2132201	11480564	ENC WEATHER STATION		0.00	32.05	32.05
Total				0.00	64.23	64.23

*OK To pay
 JMC
 6/13/18*



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

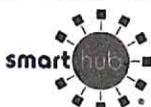
Account Number	4046701
Amount Due 06/20/2018	\$64.23
Amount Due After 06/20/2018	\$64.23

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 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
 Account Number: 4046701
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CARBON POWER & LIGHT, INC.
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540210004046701000006423000006423060420185



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2633 1 AB 0.405 5 2633
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004

Statement Date	07/02/2018
Invoice Number	156
Payment Due	07/19/2018

NPDC Meeting
 April 4, 2019
 Attachment I

Service Summary	
Previous Balance	\$64.23
Payment 06/18/2018	Thank You! -\$64.23
Balance Forward	\$0.00
Current Charges	\$63.60
Total Amount Due	\$63.60

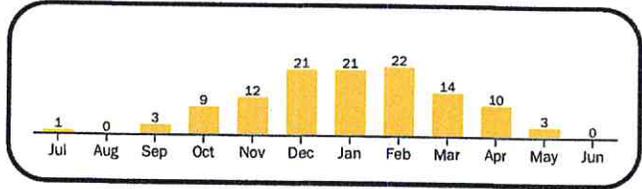
Message from Carbon Light & Power
 Thanks for attending your 77th Annual Meeting. Wishing you all a safe and happy 4th of July.



Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
3843964	06/01/18	07/01/18	30	2243	2243	1	0	General Service	Regular	022 251981 003

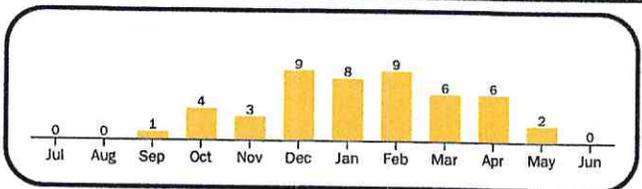


FACILITY CHARGE	30.00
SALES TAX	1.80
CURRENT BILLING	31.80
TOTAL AMOUNT DUE 07/19/2018	31.80
TOTAL AMOUNT DUE AFTER 07/19/2018	31.80

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	06/01/18	07/01/18	30	17	17	1	0	General Service	Regular	033 151583 003



FACILITY CHARGE	30.00
SALES TAX	1.80
CURRENT BILLING	31.80
TOTAL AMOUNT DUE 07/19/2018	31.80
TOTAL AMOUNT DUE AFTER 07/19/2018	31.80





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #: NPDC Meeting April 16 2019 Attachment I
 Billing Date: 07/02/2018
 Due Date: 07/19/2018
 Page: 3 of 4

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	3843964	ELK MTN WEATHER STATION		0.00	31.80	31.80
2132201	11480564	ENC WEATHER STATION		0.00	31.80	31.80
Total				0.00	63.60	63.60



*OK to pay
 for 7/6/18*



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

Account Number	4046701
Amount Due 07/19/2018	\$63.60
Amount Due After 07/19/2018	\$63.60

Check this box to sign up for an Automatic Bank Draft!
 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
 Account Number: 4046701
 We accept Visa & MasterCard



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www.carbonpower.com

CARBON POWER & LIGHT, INC.
 PO BOX 579
 SARATOGA WY 82331-0579



540210004046701000006360000006360070220183



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2626 1 AB 0.405 5 2626
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004



Statement Date	08/02/2018
Invoice Number	156
Payment Due	08/20/2018

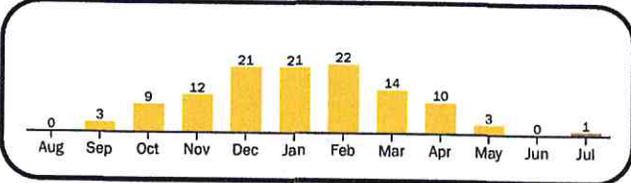
NPDC Meeting
 08/16/2018
 Attachment I

Service Summary	
Previous Balance	\$63.60
Payment 07/16/2018	<i>Thank You!</i> -\$63.60
Balance Forward	\$0.00
Current Charges	\$63.86
Total Amount Due	\$63.86

Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
3843964	07/01/18	08/01/18	31	2243	2244	1	1	General Service	Regular	022 251981 003



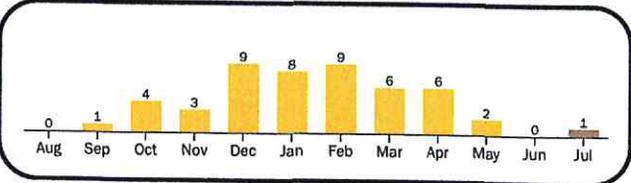
ENERGY CHARGE	1 KWH @ 0.12003	0.12
FACILITY CHARGE		30.00
SALES TAX		1.81
CURRENT BILLING		31.93

TOTAL AMOUNT DUE 08/20/2018 **31.93**
 TOTAL AMOUNT DUE AFTER 08/20/2018 **31.93**

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	07/01/18	08/01/18	31	17	18	1	1	General Service	Regular	033 151583 003



ENERGY CHARGE	1 KWH @ 0.12003	0.12
FACILITY CHARGE		30.00
SALES TAX		1.81
CURRENT BILLING		31.93

TOTAL AMOUNT DUE 08/20/2018 **31.93**
 TOTAL AMOUNT DUE AFTER 08/20/2018 **31.93**





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #: NPDC Meeting April 16, 2019 Attachment I
 Billing Date: 08/02/2018
 Due Date: 08/20/2018
 Page: 3 of 4

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	3843964	ELK MTN WEATHER STATION		0.00	31.93	31.93
2132201	11480564	ENC WEATHER STATION		0.00	31.93	31.93
Total				0.00	63.86	63.86

*OK to pay
 ARC 8/17/18*



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

Account Number	4046701
Amount Due 08/20/2018	\$63.86
Amount Due After 08/20/2018	\$63.86

Check this box to sign up for an Automatic Bank Draft!
 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
 Account Number: 4046701
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 SARATOGA WY 82331-0579



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Carbon Power & Light
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 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2624 1 AB 0.405 5 2624
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004

Statement Date	09/04/2018
Invoice Number	156
Payment Due	09/20/2018

Service Summary	
Previous Balance	\$63.86
Payment 08/16/2018	<i>Thank You!</i> -63.86
Balance Forward	\$0.00
Current Charges	\$63.60
Total Amount Due	\$63.60

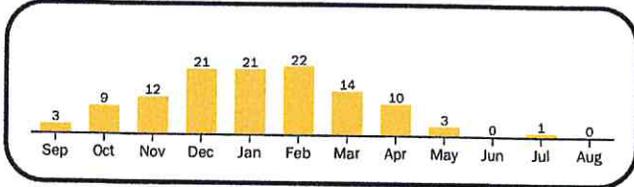
Message from Carbon Light & Power
 Visit www.carbonpower.com for our SmartHub app. We now take the Discover credit card along with Mastercard and Visa!



Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
3843964	08/01/18	08/09/18	8	2244	2244	1	0	General Service	Mtr Exch	022 251981 003
10917644	08/09/18	09/01/18	23	0	0	1	0	General Service	Mtr Exch	022 251981 003



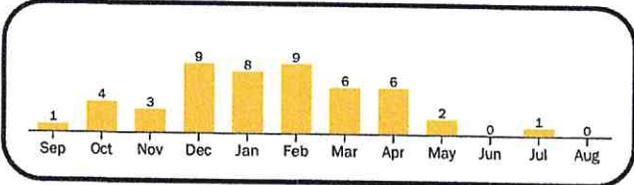
FACILITY CHARGE	30.00
SALES TAX	1.80
CURRENT BILLING	31.80

TOTAL AMOUNT DUE 09/20/2018 31.80
TOTAL AMOUNT DUE AFTER 09/20/2018 31.80

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	08/01/18	09/01/18	31	18	18	1	0	General Service	Regular	033 151583 003



FACILITY CHARGE	30.00
SALES TAX	1.80
CURRENT BILLING	31.80

TOTAL AMOUNT DUE 09/20/2018 31.80
TOTAL AMOUNT DUE AFTER 09/20/2018 31.80





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #:

Billing Date:

Due Date:

Page:

NPDC Meeting
 April 15, 2019
 Attachment I
 09/04/2018
 09/20/2018
 3 of 4

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	3843964	ELK MTN WEATHER STATION		0.00	31.80	31.80
2132201	11480564	ENC WEATHER STATION		0.00	31.80	31.80
Total				0.00	63.60	63.60

*OK TO pay
 JMC
 9/10/18*



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

Account Number	4046701
Amount Due 09/20/2018	\$63.60
Amount Due After 09/20/2018	\$63.60

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 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
 Account Number: 4046701
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 SARATOGA WY 82331-0579

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54021000404670100000636000006360090420186



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2639 1 AB 0.405 5 2639
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004



Statement Date	10/02/2018
Invoice Number	156
Payment Due	10/18/2018

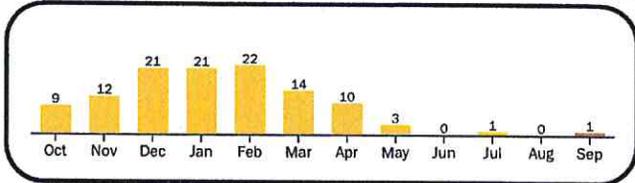
Service Summary	
Previous Balance	\$63.60
Payment 09/17/2018	- \$63.60 <i>Thank You!</i>
Balance Forward	\$0.00
Current Charges	\$63.98
Total Amount Due	\$63.98

Message from Carbon Light & Power
 Carbon is back on our winter hours of operation. Office hours 8:00 am to 4:30 pm Monday through Friday. Standby crews available 24/7 by calling the telephone numbers listed.

Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
10917644	09/01/18	10/01/18	30	0	1	1	1	General Service	Regular	022 251981 003



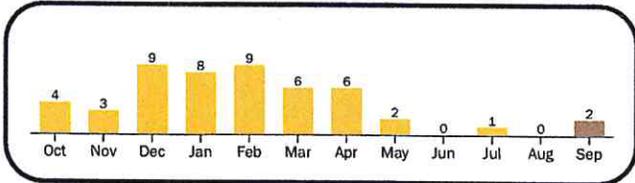
ENERGY CHARGE	1 KWH @ 0.12003	0.12
FACILITY CHARGE		30.00
SALES TAX		1.81
CURRENT BILLING		31.93

TOTAL AMOUNT DUE 10/18/2018 **31.93**
 TOTAL AMOUNT DUE AFTER 10/18/2018 **31.93**

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	09/01/18	10/01/18	30	18	20	1	2	General Service	Regular	033 151583 003



ENERGY CHARGE	2 KWH @ 0.12003	0.24
FACILITY CHARGE		30.00
SALES TAX		1.81
CURRENT BILLING		32.05

TOTAL AMOUNT DUE 10/18/2018 **32.05**
 TOTAL AMOUNT DUE AFTER 10/18/2018 **32.05**





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #:
Billing Date: 10/02/2018
Due Date: 10/18/2018
Page: 3 of 4

NPDC Meeting
 April 16, 2019
 Attachment I

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	10917644	ELK MTN WEATHER STATION		0.00	31.93	31.93
2132201	11480564	ENC WEATHER STATION		0.00	32.05	32.05
Total				0.00	63.98	63.98

OK to pay per 10/9/18



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

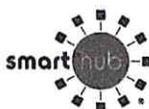
Account Number	4046701
Amount Due 10/18/2018	\$63.98
Amount Due After 10/18/2018	\$63.98

Check this box to sign up for an Automatic Bank Draft!
 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
Account Number: 4046701
 We accept Visa & MasterCard



For more information, visit our website or office.



www.carbonpower.com

CARBON POWER & LIGHT, INC.
 PO BOX 579
 SARATOGA WY 82331-0579



540210004046701000006398000006398100220185



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2603 1 AB 0.405 5 2603
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004

Statement Date	11/02/2018
Invoice Number	156
Payment Due	11/19/2018

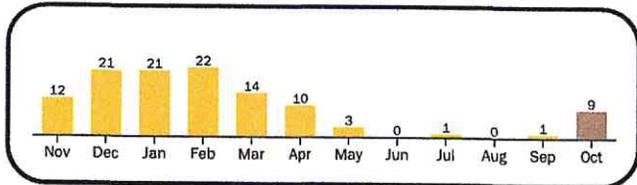
Service Summary	
Previous Balance	\$63.98
Payment 10/30/2018	Thank You! -\$63.98
Balance Forward	\$0.00
Current Charges	\$64.63
Total Amount Due	\$64.63



Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
10917644	10/01/18	11/01/18	31	1	10	1	9	General Service	Regular	022 251981 003



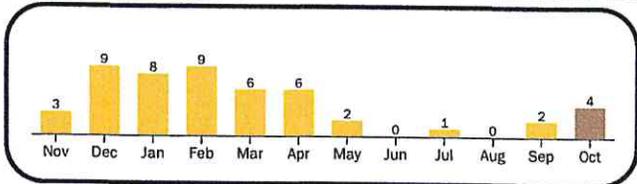
ENERGY CHARGE	9 KWH @ 0.12003	1.08
FACILITY CHARGE		30.00
SALES TAX		1.55
CURRENT BILLING		32.63

TOTAL AMOUNT DUE 11/19/2018 32.63
 TOTAL AMOUNT DUE AFTER 11/19/2018 32.63

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	10/01/18	11/01/18	31	20	24	1	4	General Service	Regular	033 151583 003



ENERGY CHARGE	4 KWH @ 0.12003	0.48
FACILITY CHARGE		30.00
SALES TAX		1.52
CURRENT BILLING		32.00

TOTAL AMOUNT DUE 11/19/2018 32.00
 TOTAL AMOUNT DUE AFTER 11/19/2018 32.00





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #: NPDC Meeting April 15, 2019 Attachment I
Billing Date: 11/02/2018
Due Date: 11/19/2018
Page: 3 of 4

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	10917644	ELK MTN WEATHER STATION		0.00	32.63	32.63
2132201	11480564	ENC WEATHER STATION		0.00	32.00	32.00
Total				0.00	64.63	64.63

*OK to pay fee
11/8/18*



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

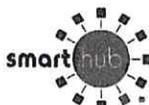
Account Number	4046701
Amount Due 11/19/2018	\$64.63
Amount Due After 11/19/2018	\$64.63

Check this box to sign up for an Automatic Bank Draft!
 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
 Account Number: 4046701
 We accept Visa & MasterCard



For more information, visit our website or office.



www.carbonpower.com

CARBON POWER & LIGHT, INC.
 PO BOX 579
 SARATOGA WY 82331-0579

1



540210004046701000006463000006463110220184



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2643 1 AB 0.405
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004

Statement Date	12/04/2018
Invoice Number	156
Payment Due	12/20/2018

NPDC Meeting
 12/11/2018
 Attachment I

Service Summary	
Previous Balance	\$64.63
Payment 11/26/2018	Thank You! -\$64.63
Balance Forward	\$0.00
Current Charges	\$66.65
Total Amount Due	\$66.65

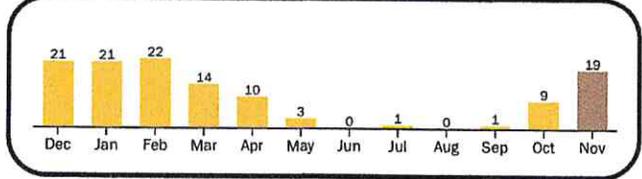
Message from Carbon Light & Power
 Carbon Power & Light would like to wish you all a very happy holiday season.



Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
10917644	11/01/18	12/01/18	30	10	29	1	19	General Service	Regular	022 251981 003



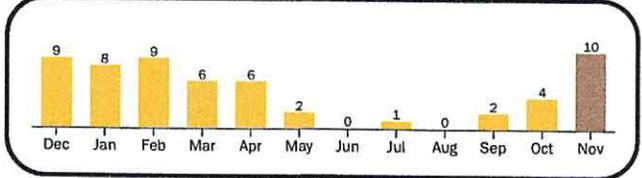
ENERGY CHARGE	19 KWH @ 0.12003	2.28
FACILITY CHARGE		30.00
SALES TAX		1.61
CURRENT BILLING		33.89

TOTAL AMOUNT DUE 12/20/2018 **33.89**
 TOTAL AMOUNT DUE AFTER 12/20/2018 **33.89**

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	11/01/18	12/01/18	30	24	34	1	10	General Service	Regular	033 151583 003



ENERGY CHARGE	10 KWH @ 0.12003	1.20
FACILITY CHARGE		30.00
SALES TAX		1.56
CURRENT BILLING		32.76

TOTAL AMOUNT DUE 12/20/2018 **32.76**
 TOTAL AMOUNT DUE AFTER 12/20/2018 **32.76**





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #: NPDC Meeting April 16 2019 Attachment I
 Billing Date: 12/04/2018
 Due Date: 12/20/2018
 Page: 3 of 4

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	10917644	ELK MTN WEATHER STATION		0.00	33.89	33.89
2132201	11480564	ENC WEATHER STATION		0.00	32.76	32.76
Total				0.00	66.65	66.65

*OK To Pay
 file 12/17/18*



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

Account Number	4046701
Amount Due 12/20/2018	\$66.65
Amount Due After 12/20/2018	\$66.65

Check this box to sign up for an Automatic Bank Draft!
 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
 Account Number: 4046701
 We accept Visa & MasterCard

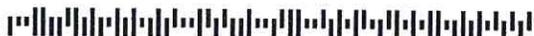


For more information, visit our website or office.



www.carbonpower.com

CARBON POWER & LIGHT, INC.
 PO BOX 579
 SARATOGA WY 82331-0579



540210004046701000006665000006665120420185



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2638 1 AB 0.405 5 2638
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004



Statement Date	01/02/2019
Invoice Number	156
Payment Due	01/18/2019

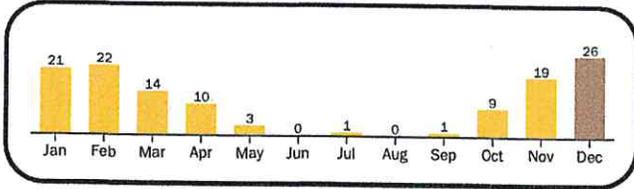
Service Summary	
Previous Balance	\$66.65
Payment 12/17/2018	Thank You! -\$66.65
Balance Forward	\$0.00
Current Charges	\$67.92
Total Amount Due	\$67.92

Message from Carbon Light & Power
 Happy 2019!!

Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
10917644	12/01/18	01/01/19	31	29	55	1	26	General Service	Regular	022 251981 003



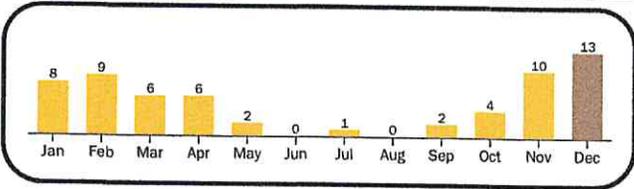
ENERGY CHARGE	26 KWH @ 0.12003	3.12
FACILITY CHARGE		30.00
SALES TAX		1.66
CURRENT BILLING		34.78

TOTAL AMOUNT DUE 01/18/2019 34.78
 TOTAL AMOUNT DUE AFTER 01/18/2019 34.78

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	12/01/18	01/01/19	31	34	47	1	13	General Service	Regular	033 151583 003



ENERGY CHARGE	13 KWH @ 0.12003	1.56
FACILITY CHARGE		30.00
SALES TAX		1.58
CURRENT BILLING		33.14

TOTAL AMOUNT DUE 01/18/2019 33.14
 TOTAL AMOUNT DUE AFTER 01/18/2019 33.14





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #:
 Billing Date:
 Due Date:
 Page:

NPDC Meeting
 April 16 2019
 Attachment I
 01/02/2019
 01/18/2019
 3 of 4

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	10917644	ELK MTN WEATHER STATION		0.00	34.78	34.78
2132201	11480564	ENC WEATHER STATION		0.00	33.14	33.14
Total				0.00	67.92	67.92

*OK to pay
 JRC
 1/8/14*



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

Account Number	4046701
Amount Due 01/18/2019	\$67.92
Amount Due After 01/18/2019	\$67.92

Check this box to sign up for an Automatic Bank Draft!
 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
 Account Number: 4046701
 We accept Visa & MasterCard



For more information, visit our website or office.



www.carbonpower.com

CARBON POWER & LIGHT, INC.
 PO BOX 579
 SARATOGA WY 82331-0579



540210004046701000006792000006792010220193



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2654 1 AB 0.409 5 2654
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004

Statement Date	02/01/2019
Invoice Number	156
Payment Due	02/19/2019

Service Summary	
Previous Balance	\$67.92
Payment 01/11/2019	Thank You! -\$67.92
Balance Forward	\$0.00
Current Charges	\$67.66
Total Amount Due	\$67.66

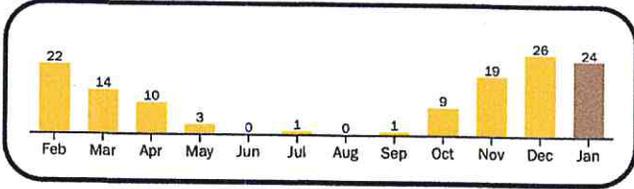
Message from Carbon Light & Power
 Are you aware of all the payment options available to you as a Consumer? Visit us at www.carbonpower.com or give us a call for additional information.



Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
10917644	01/01/19	02/01/19	31	55	79	1	24	General Service	Regular	022 251981 003



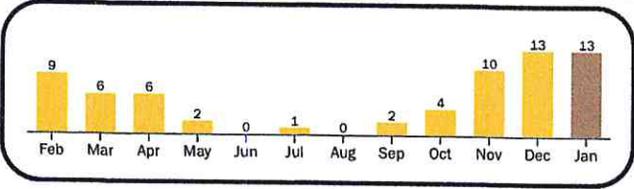
ENERGY CHARGE	24 KWH @ 0.12003	2.88
FACILITY CHARGE		30.00
SALES TAX		1.64
CURRENT BILLING		34.52

TOTAL AMOUNT DUE 02/19/2019 **34.52**
 TOTAL AMOUNT DUE AFTER 02/19/2019 **34.52**

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	01/01/19	02/01/19	31	47	60	1	13	General Service	Regular	033 151583 003



ENERGY CHARGE	13 KWH @ 0.12003	1.56
FACILITY CHARGE		30.00
SALES TAX		1.58
CURRENT BILLING		33.14

TOTAL AMOUNT DUE 02/19/2019 **33.14**
 TOTAL AMOUNT DUE AFTER 02/19/2019 **33.14**





Carbon Power & Light
100 E Willow Ave.
PO Box 579
Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
ATTN: JEFF COWLEY
122 W 25TH STREET
CHEYENNE WY 82002-0000

Invoice #: 156

Billing Date: 02/01/2019

Due Date: 02/19/2019

Page: 3 of 4

NPDC Meeting
April 15, 2019
Attachment I

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	10917644	ELK MTN WEATHER STATION		0.00	34.52	34.52
2132201	11480564	ENC WEATHER STATION		0.00	33.14	33.14
Total				0.00	67.66	67.66

OK To Pay
JMC
2/5/19



Carbon Power & Light
100 E Willow Ave.
PO Box 579
Saratoga WY 82331-0579

Account Number	4046701
Amount Due 02/19/2019	\$67.66
Amount Due After 02/19/2019	\$67.66

Check this box to sign up for an Automatic Bank Draft!
Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
Account Number: 4046701
We accept Visa & MasterCard



For more information, visit our website or office.



www.carbonpower.com

CARBON POWER & LIGHT, INC.
PO BOX 579
SARATOGA WY 82331-0579

1



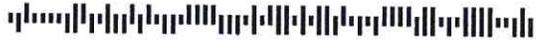
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Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

(307) 326-5206 or 800-359-0249

2646 1 AB 0.409 5 2646
 WYO STATE ENGINEER'S OFFICE C-9 P-12
 ATTN: JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004



Statement Date	03/01/2019
Invoice Number	158
Payment Due	03/18/2019

NEPC Meeting
 April 4, 2019
 Attachment I

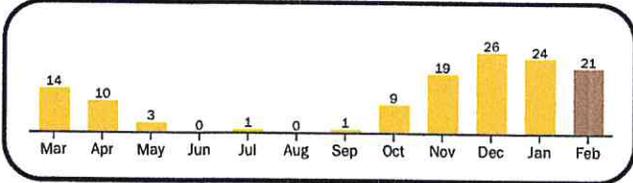
Service Summary	
Previous Balance	\$67.66
Payment 02/15/2019	<i>Thank You!</i> -\$67.66
Balance Forward	\$0.00
Current Charges	\$66.91
Total Amount Due	\$66.91

Message from Carbon Light & Power
 Daylight savings time begins on March 10th. TOD member/owners remember to spring your time clocks forward.

Account Number: 4046701

Service Address: ELK MTN WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
10917644	02/01/19	03/01/19	28	79	100	1	21	General Service	Regular	022 251981 003



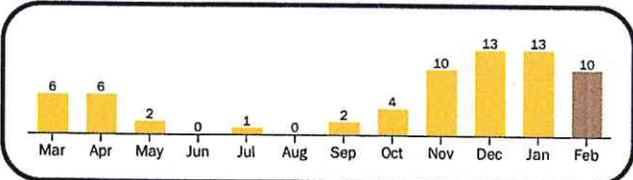
ENERGY CHARGE	21 KWH @ 0.12003	2.52
FACILITY CHARGE		30.00
SALES TAX		1.63
CURRENT BILLING		34.15

TOTAL AMOUNT DUE 03/18/2019 34.15
 TOTAL AMOUNT DUE AFTER 03/18/2019 34.15

Account Number: 2132201

Service Address: ENC WEATHER STATION

Main Meter No.	Services		Days	Readings		Meter Multiplier	kWh Usage	Rate Schedule	Bill Type	Map Location
	From	To		Previous	Present					
11480564	02/01/19	03/01/19	28	60	70	1	10	General Service	Regular	033 151583 003



ENERGY CHARGE	10 KWH @ 0.12003	1.20
FACILITY CHARGE		30.00
SALES TAX		1.56
CURRENT BILLING		32.76

TOTAL AMOUNT DUE 03/18/2019 32.76
 TOTAL AMOUNT DUE AFTER 03/18/2019 32.76





Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

To: WYO STATE ENGINEER'S OFFICE
 ATTN: JEFF COWLEY
 122 W 25TH STREET
 CHEYENNE WY 82002-0000

Invoice #:

Billing Date:

Due Date:

Page:

NPDC Meeting
 April 15, 2019
 Attachment I

03/01/2019

03/18/2019

3 of 4

Summary Page

Account #	Meter #	Address	Service Type	Past Due	Current Bill	Amount Due
4046701	10917644	ELK MTN WEATHER STATION		0.00	34.15	34.15
2132201	11480564	ENC WEATHER STATION		0.00	32.76	32.76
Total				0.00	66.91	66.91

*OK to pay
 JRC 3/5/19*



Carbon Power & Light
 100 E Willow Ave.
 PO Box 579
 Saratoga WY 82331-0579

Account Number	4046701
Amount Due 03/18/2019	\$66.91
Amount Due After 03/18/2019	\$66.91

Check this box to sign up for an Automatic Bank Draft!
 Complete application on the back of this stub.

Account Name: WYO STATE ENGINEER'S OFFICE
 Account Number: 4046701
 We accept Visa & MasterCard



For more information, visit our website or office.



www.carbonpower.com

CARBON POWER & LIGHT, INC.
 PO BOX 579
 SARATOGA WY 82331-0579

1



540210004046701000006691000006691030120196

27236 01 MB 0.421 90-0
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
24 hours a day,
7 days a week
rockymountainpower.net

ROCKY MOUNTAIN POWER
NPDC Meeting
April 11, 2019
Attachment I
BILLING DATE: **Apr 11, 2018**
ACCOUNT NUMBER: **04262533-001 6**
DUE DATE: **Apr 27, 2018**
AMOUNT DUE: **\$24.88**



Your Balance With Us

Previous Account Balance	25.19
Payments/Credits	-25.19
New Charges	+24.88
Current Account Balance	\$24.88

Payments Received

DATE	DESCRIPTION	AMOUNT
Mar 28, 2018	Payment Received - Thank You	25.19
Total Payments		\$25.19

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE 360 Highway 93 # Weather Douglas WY
Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Mar 13, 2018	Apr 11, 2018	29	1348	1348	1.0	0 kwh

Next scheduled read date: 05-09. Date may vary due to scheduling or weather.

NEW CHARGES - 04/18	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Customer Efficiency Services		0.0259000	0.63
Total New Charges			24.88

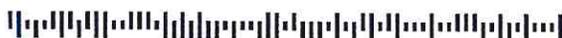
When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.
RETURN THIS PORTION WITH YOUR PAYMENT.



ROCKY MTN POWER
PO BOX 26000
PORTLAND OR 97256-0001



H 04262533 001 624 000002488

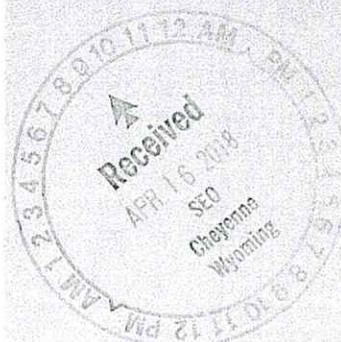
Beware of Scams

Scammers continue to target utility customers. Beware of callers threatening to disconnect your service if past-due accounts are not paid. Don't give out credit card or personal info. Protect yourself at rockymountainpower.net/scams.

Looking for other ways to pay?

Visit rockymountainpower.net/pay for all your options. You can choose to pay on your device using our mobile app, on our website, at a pay station in your community, or pay over the phone by calling 1-888-221-7070.

001/140/140 020



Late Payment Charge for Wyoming
A late payment charge of 1.5% may be charged on any balance not paid in full each month.

Change of Mailing Address or Phone?
Check here & provide information on back

Account Number: **04262533-001 6**
Date Due: **Apr 27, 2018**

AMOUNT DUE: \$24.88

Please enter the amount enclosed.
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004

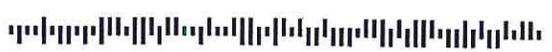
28567 01 MB 0.421 96-0
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
24 hours a day,
7 days a week
rockymountainpower.net



BILLING DATE: **May 10, 2018**
ACCOUNT NUMBER: **04262533-001 6**
DUE DATE: **May 29, 2018**
AMOUNT DUE: **\$24.88**



Your Balance With Us

Previous Account Balance	24.88
Payments/Credits	-24.88
New Charges	+24.88
Current Account Balance	\$24.88

Payments Received

DATE	DESCRIPTION	AMOUNT
Apr 23, 2018	Payment Received - Thank You	24.88
Total Payments		\$24.88

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE 360 Highway 93 # Weather Douglas WY
Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Apr 11, 2018	May 9, 2018	28	1348	1348	1.0	0 kwh

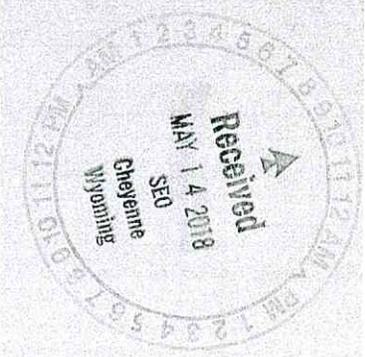
Next scheduled read date: 06-08. Date may vary due to scheduling or weather.

NEW CHARGES - 05/18	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Customer Efficiency Services		0.0259000	0.63
Total New Charges			24.88

When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.

Looking for other ways to pay?
Visit rockymountainpower.net/pay for all your options. You can choose to pay on your device using our mobile app, on our website, at a pay station in your community, or pay over the phone by calling 1-888-221-7070.

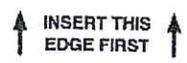
001/1401/140 0203



Late Payment Charge for Wyoming
A late payment charge of 1.5% may be charged on any balance not paid in full each month.

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.
RETURN THIS PORTION WITH YOUR PAYMENT.



ROCKY MTN POWER
PO BOX 26000
PORTLAND OR 97256-0001



Change of Mailing Address or Phone?
Check here & provide information on ba

Account Number: **04262533-001 6**
Date Due: **May 29, 2018**

AMOUNT DUE: \$24.88

Please enter the amount enclosed.
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004

H 04262533 001 624 000002488

27323 01 MB 0.421 92-0
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
24 hours a day,
7 days a week
rockymountainpower.net



NPDC Meeting
April 11, 2019
Attachment
Jun 11, 2018

BILLING DATE: Jun 11, 2018
ACCOUNT NUMBER: 04262533-001 6
DUE DATE: Jun 27, 2018
AMOUNT DUE: \$24.88



Your Balance With Us

Previous Account Balance	24.88
Payments/Credits	-24.88
New Charges	+24.88
Current Account Balance	\$24.88

Payments Received

DATE	DESCRIPTION	AMOUNT
May 22, 2018	Payment Received - Thank You	24.88
Total Payments		\$24.88

Looking for other ways to pay?
Visit rockymountainpower.net/pay for all your options. You can choose to pay on your device using our mobile app, on our website, at a pay station in your community, or pay over the phone by calling 1-888-221-7070.

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE

360 Highway 93 # Weather Douglas WY
Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	May 9, 2018	Jun 8, 2018	30	1348	1348	1.0	0 kwh

Next scheduled read date: 07-10. Date may vary due to scheduling or weather.

NEW CHARGES - 06/18	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Customer Efficiency Services		0.0259000	0.63
Total New Charges			24.88

When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.



201/1401/140 - 0203

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

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RETURN THIS PORTION WITH YOUR PAYMENT.



ROCKY MTN POWER
PO BOX 26000
PORTLAND OR 97256-0001



Change of Mailing Address or Phone?
Check here & provide information on ba

Account Number: 04262533-001 6
Date Due: Jun 27, 2018

AMOUNT DUE: \$24.88

Please enter the amount enclosed.
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004

H 04262533 001 624 000002488

28255 01 MB 0.421 95-0
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
24 hours a day,
7 days a week
rockymountainpower.net

BILLING DATE: Jul 11, 2018
ACCOUNT NUMBER: 04262533-001 6
DUE DATE: Jul 30, 2018
AMOUNT DUE: \$24.97



Your Balance With Us

Previous Account Balance	24.88
Payments/Credits	-24.88
New Charges	+24.97
Current Account Balance	\$24.97

Payments Received

DATE	DESCRIPTION	AMOUNT
Jun 26, 2018	Payment Received - Thank You	24.88
Total Payments		\$24.88

Looking for other ways to pay?

Visit rockymountainpower.net/pay for all your options. You can choose to pay on your device using our mobile app, on our website, at a pay station in your community, or pay over the phone by calling 1-888-221-7070.

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE

360 Highway 93 # Weather Douglas WY
Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Jun 8, 2018	Jul 11, 2018	33	1348	1348	1.0	0 kwh

Next scheduled read date: 08-09. Date may vary due to scheduling or weather.

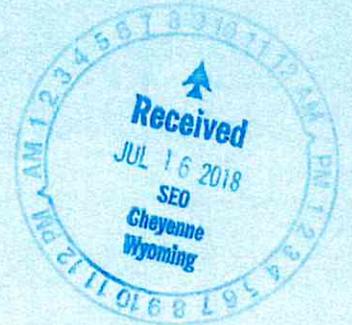
NEW CHARGES - 07/18	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Customer Efficiency Services			
for 11 day(s)		0.0365000	0.30
for 22 day(s)		0.0259000	0.42
Total New Charges			24.97

Effective July 1, 2018, the Wyoming Public Service Commission approved a price increase to the Energy Cost Adjustment Mechanism (ECAM) and Renewable Energy Credit and Sulfur Dioxide Revenue Adjustment Mechanism (RRA). The ECAM reflects the difference between the company's actual costs to provide electricity and the amount collected from customers through current prices. The RRA charge reflects the difference between the estimated and actual value received from renewable energy credits. Your bill may reflect charges billed at old and new rates.

Effective July 1, 2018, the Wyoming Public Service Commission approved a decrease to your electric billing based on federal tax legislation enacted in December 2017. This credit is shown on your statement as Tax and Jobs Act Adjustment.

Effective July 1, 2018 the Wyoming Public Service Commission approved a price change to the Customer Efficiency Service

See reverse



Late Payment Charge for Wyoming
A late payment charge of 1.5% may be charged on any balance not paid in full each month.

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.

RETURN THIS PORTION WITH YOUR PAYMENT.



ROCKY MTN POWER
PO BOX 26000
PORTLAND OR 97256-0001



Change of Mailing Address or Phone?
Check here & provide information on back.

Account Number: 04262533-001 6
Date Due: Jul 30, 2018

AMOUNT DUE: \$24.97

Please enter the amount enclosed.

WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



H 04262533 001 625 000002497

27704 01 MB 0.421 93-0
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
24 hours a day,
7 days a week
rockymountainpower.net

ROCKY MOUNTAIN POWER
MPDC Meeting
April 11, 2019
Attachment I

BILLING DATE: **Aug 10, 2018**
ACCOUNT NUMBER: **04262533-001 6**
DUE DATE: **Aug 28, 2018**
AMOUNT DUE: **\$25.14**



Your Balance With Us

Previous Account Balance	24.97
Payments/Credits	-24.97
New Charges	+25.14
Current Account Balance	\$25.14

Payments Received

DATE	DESCRIPTION	AMOUNT
Jul 26, 2018	Payment Received - Thank You	8.08
Jul 26, 2018	Payment Received - Thank You	16.89
Total Payments		\$24.97

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE 360 Highway 93 # Weather Douglas WY
Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Jul 11, 2018	Aug 9, 2018	29	1348	1348	1.0	0 kwh

Next scheduled read date: 09-10. Date may vary due to scheduling or weather.

NEW CHARGES - 08/18	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Customer Efficiency Services		0.0365000	0.89
Total New Charges			25.14

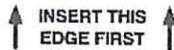
When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.

OK to Pay
JRC
8/21/18

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.

RETURN THIS PORTION WITH YOUR PAYMENT.



ROCKY MTN POWER
PO BOX 26000
PORTLAND OR 97256-0001



Late Payment Charge for Wyoming
A late payment charge of 1.5% may be charged on any balance not paid in full each month.

Change of Mailing Address or Phone?
Check here & provide information on back.

Account Number: **04262533-001 6**

Date Due: **Aug 28, 2018**

AMOUNT DUE: **\$25.14**

Please enter the amount enclosed.

WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004

H 04262533 001 627 000002514



28449 01 MB 0.421 96-0
 WYOMING STATE ENGINEERS OFFICE
 ATTN JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
 24 hours a day,
 7 days a week
 rockymountainpower.net

ROCKY MOUNTAIN POWER
 NPDC Meeting
 April 11, 2019
 Attachment I

BILLING DATE: **Sep 11, 2018**
 ACCOUNT NUMBER: **04262533-001 6**
 DUE DATE: **Sep 27, 2018**
 AMOUNT DUE: **\$25.14**



Your Balance With Us

Previous Account Balance	25.14
Payments/Credits	-25.14
New Charges	+25.14
Current Account Balance	\$25.14

Payments Received

DATE	DESCRIPTION	AMOUNT
Sep 5, 2018	Payment Received - Thank You	25.14
Total Payments		\$25.14

Looking for other ways to pay?

Visit rockymountainpower.net/pay for all your options. You can choose to pay on your device using our mobile app, on our website, at a payment station in your community, or pay over the phone by calling 1-888-221-7070.

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE 360 Highway 93 # Weather Douglas WY
 Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Aug 9, 2018	Sep 11, 2018	33	1348	1348	1.0	0 kwh

Next scheduled read date: 10-09. Date may vary due to scheduling or weather.

NEW CHARGES - 09/18	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Customer Efficiency Services		0.0365000	0.89
Total New Charges			25.14

When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.

501/0701/007-0203

Late Payment Charge for Wyoming
 A late payment charge of 1.5% may be charged on any balance not paid in full each month.

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.
 RETURN THIS PORTION WITH YOUR PAYMENT.

↑ INSERT THIS EDGE FIRST ↑

Change of Mailing Address or Phone?
 Check here & provide information on b



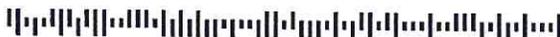
Received
 SEP 14 2018
 SEO
 Cheyenne
 Wyoming

Account Number: **04262533-001 6**
 Date Due: **Sep 27, 2018**

AMOUNT DUE: \$25.14

Please enter the amount enclosed.
 WYOMING STATE ENGINEERS OFFICE
 ATTN JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004

ROCKY MTN POWER
 PO BOX 26000
 PORTLAND OR 97256-0001



H 04262533 001 627 000002514

27520 01 MB 0.421 95-0
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
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7 days a week
rockymountainpower.net

ROCKY MOUNTAIN POWER
NPDC Meeting
April 11, 2019
Attachment I
BILLING DATE: **Oct 10, 2018**

ACCOUNT NUMBER: **04262533-001 6**

DUE DATE: Oct 26, 2018

AMOUNT DUE: \$25.14



Your Balance With Us

Previous Account Balance	25.14
Payments/Credits	-25.14
New Charges	+25.14
Current Account Balance	\$25.14

Payments Received

DATE	DESCRIPTION	AMOUNT
Oct 2, 2018	Payment Received - Thank You	25.14
Total Payments		\$25.14

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE 360 Highway 93 # Weather Douglas WY
Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Sep 11, 2018	Oct 9, 2018	28	1348	1348	1.0	0 kwh

Next scheduled read date: 11-07. Date may vary due to scheduling or weather.

NEW CHARGES - 10/18	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Customer Efficiency Services		0.0365000	0.89
Total New Charges			25.14

When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.



Late Payment Charge for Wyoming
A late payment charge of 1.5% may be charged on any balance not paid in full each month.

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.
RETURN THIS PORTION WITH YOUR PAYMENT.

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ROCKY MTN POWER
PO BOX 26000
PORTLAND OR 97256-0001

OK to pay
JRC
10/23/18



Change of Mailing Address or Phone?
Check here & provide information on back.

Account Number: **04262533-001 6**

Date Due: **Oct 26, 2018**

AMOUNT DUE: \$25.14

Please enter the amount enclosed.

WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004

[Handwritten signature]

H 04262533 001 627 000002514



26969 01 MB 0.421 90-0
 WYOMING STATE ENGINEERS OFFICE
 ATTN JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
 24 hours a day,
 7 days a week
 rockymountainpower.net

ROCKY MOUNTAIN POWER
 NPDC Meeting
 April 11, 2019
 Attachment I

BILLING DATE: **Nov 8, 2018**

ACCOUNT NUMBER: **04262533-001 6**

DUE DATE: Nov 29, 2018

AMOUNT DUE: \$25.14



Your Balance With Us

Previous Account Balance	25.14
Payments/Credits	-25.14
New Charges	+25.14
Current Account Balance	\$25.14

Payments Received

DATE	DESCRIPTION	AMOUNT
Nov 1, 2018	Payment Received - Thank You	25.14
Total Payments		\$25.14

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE 360 Highway 93 # Weather Douglas WY
 Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Oct 9, 2018	Nov 7, 2018	29	1348	1348	1.0	0 kwh

Next scheduled read date: 12-11. Date may vary due to scheduling or weather.

NEW CHARGES - 11/18	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Customer Efficiency Services		0.0365000	0.89
Total New Charges			25.14

Please consider helping your neighbors in need of energy assistance by using the enclosed envelope. Donations may be tax deductible. Rocky Mountain Power will contribute \$2 for every \$1 donated, allowing your contribution to go even further.

When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.

RETURN THIS PORTION WITH YOUR PAYMENT.

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*OK to pay
 JMC
 11/13/18*

ROCKY MTN POWER
 PO BOX 26000
 PORTLAND OR 97256-0001



*Late Payment Charge for Wyoming
 A late payment charge of 1.5% may be charged on any balance not paid in full each month.*

Change of Mailing Address or Phone?
 Check here & provide information on back.

Account Number: **04262533-001 6**
 Date Due: **Nov 29, 2018**

AMOUNT DUE: \$25.14

Please enter the amount enclosed.

WYOMING STATE ENGINEERS OFFICE
 ATTN JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004

H 04262533 001 627 000002514



26363 01 MB 0.421 88-0
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



Questions: Call
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24 hours a day,
7 days a week
rockymountainpower.net

ROCKY MOUNTAIN POWER
NPDC Meeting
April 11, 2019
Attachment I

BILLING DATE: **Dec 12, 2018**

ACCOUNT NUMBER: **04262533-001 6**

DUE DATE: **Dec 31, 2018**

AMOUNT DUE: **\$25.22**



Your Balance With Us

Previous Account Balance	25.14
Payments/Credits	-25.14
New Charges	+25.22
Current Account Balance	\$25.22

Payments Received

DATE	DESCRIPTION	AMOUNT
Nov 27, 2018	Payment Received - Thank You	25.14
Total Payments		\$25.14

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE

360 Highway 93 # Weather Douglas WY
Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Nov 7, 2018	Dec 11, 2018	34	1348	1349	1.0	1 kwh

Next scheduled read date: 01-11. Date may vary due to scheduling or weather.

NEW CHARGES - 12/18

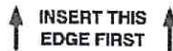
	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Energy Charge - Secondary	1 kwh	0.0472800	0.05
Net Power Cost Energy - Sec	1 kwh	0.0285800	0.03
Customer Efficiency Services		0.0365000	0.89
Total New Charges			25.22

When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.

*OK TO Pay
JHC
1/3/19*

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.



RETURN THIS PORTION WITH YOUR PAYMENT.

ROCKY MOUNTAIN POWER
PO BOX 400
PORTLAND OR 97207

ROCKY MTN POWER
PO BOX 26000
PORTLAND OR 97256-0001



Late Payment Charge for Wyoming
A late payment charge of 1.5% may be charged on any balance not paid in full each month.

Change of Mailing Address or Phone?
Check here & provide information on back.

Account Number: **04262533-001 6**

Date Due: **Dec 31, 2018**

AMOUNT DUE: **\$25.22**

Please enter the amount enclosed.

WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004

H 04262533 001 620 000002522



27487 01 MB 0.421 93-0
 WYOMING STATE ENGINEERS OFFICE
 ATTN JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
 24 hours a day,
 7 days a week
 rockymountainpower.net

ROCKY MOUNTAIN POWER
 NPDC Meeting
 April 11, 2019
 Attachment I
 BILLING DATE: **Jan 14, 2019**

ACCOUNT NUMBER: **04262533-001 6**

DUE DATE: Jan 30, 2019

AMOUNT DUE: \$25.22



Your Balance With Us

Previous Account Balance	25.22
Payments/Credits	-25.22
New Charges	+25.22
Current Account Balance	\$25.22

Payments Received

DATE	DESCRIPTION	AMOUNT
Jan 10, 2019	Payment Received - Thank You	25.22
Total Payments		\$25.22

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE 360 Highway 93 # Weather Douglas WY
 Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Dec 11, 2018	Jan 11, 2019	31	1349	1350	1.0	1 kwh

Next scheduled read date: 02-11. Date may vary due to scheduling or weather.

NEW CHARGES - 01/19	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Energy Charge - Secondary	1 kwh	0.0472800	0.05
Net Power Cost Energy - Sec	1 kwh	0.0285800	0.03
Customer Efficiency Services		0.0365000	0.89
Total New Charges			25.22

When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.

Looking for other ways to pay?
 Visit rockymountainpower.net/pay for all your options. You can choose to pay on your device using our mobile app, on our website, at a pay station in your community, or pay over the phone by calling 1-888-221-7070.

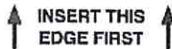


Late Payment Charge for Wyoming
 A late payment charge of 1.5% may be charged on any balance not paid in full each month.

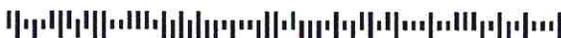
Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.

RETURN THIS PORTION WITH YOUR PAYMENT.



ROCKY MTN POWER
 PO BOX 26000
 PORTLAND OR 97256-0001



*OK to pay
 JMC
 1/17/19*

Change of Mailing Address or Phone?
 Check here & provide information on back.

Account Number: **04262533-001 6**

Date Due: **Jan 30, 2019**

AMOUNT DUE: \$25.22

Please enter the amount enclosed.

WYOMING STATE ENGINEERS OFFICE
 ATTN JEFF COWLEY
 122 W 25TH ST
 CHEYENNE WY 82001-3004

H 04262533 001 620 000002522



26944 01 MB 0.425 90-0
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
24 hours a day,
7 days a week
rockymountainpower.net

ROCKY MOUNTAIN POWER
NPDC Meeting
April 11, 2019
Attachment I

BILLING DATE: **Feb 12, 2019**
ACCOUNT NUMBER: **04262533-001 6**
DUE DATE: **Feb 28, 2019**
AMOUNT DUE: **\$25.28**



Your Balance With Us

Previous Account Balance	25.22
Payments/Credits	-25.22
New Charges	+25.28
Current Account Balance	\$25.28

Payments Received

DATE	DESCRIPTION	AMOUNT
Feb 8, 2019	Payment Received - Thank You	25.22
Total Payments		\$25.22

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE

360 Highway 93 # Weather Douglas WY
Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Jan 11, 2019	Feb 11, 2019	31	1350	1352	1.0	2 kwh

Next scheduled read date: 03-12. Date may vary due to scheduling or weather.

NEW CHARGES - 02/19	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Energy Charge - Secondary	2 kwh	0.0472800	0.09
Net Power Cost Energy - Sec	2 kwh	0.0285800	0.06
Customer Efficiency Services		0.0365000	0.89
Tax And Jobs Act Adjustment	2 kwh	-0.0037600	-0.01
Total New Charges			25.28

Please consider helping your neighbors in need of energy assistance by using the enclosed envelope. Donations may be tax deductible. Rocky Mountain Power will contribute \$2 for every \$1 donated, allowing your contribution to go even further.

When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.
RETURN THIS PORTION WITH YOUR PAYMENT.



OK TO PAY
ARC
2/19/19



ROCKY MTN POWER
PO BOX 26000
PORTLAND OR 97256-0001



Late Payment Charge for Wyoming
A late payment charge of 1.5% may be charged on any balance not paid in full each month.

Change of Mailing Address or Phone?
Check here & provide information on back.

Account Number: **04262533-001 6**
Date Due: **Feb 28, 2019**

AMOUNT DUE: \$25.28

Please enter the amount enclosed.
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004

H 04262533 001 627 000002528



26856 01 MB 0.425 115-0
WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004



Questions: Call
1-888-221-7070
24 hours a day,
7 days a week
rockymountainpower.net

ROCKY MOUNTAIN POWER
NPDC Meeting
April 11, 2019
Attachment I

BILLING DATE: **Mar 13, 2019**

ACCOUNT NUMBER: **04262533-001 6**

DUE DATE: Mar 29, 2019

AMOUNT DUE: \$25.36



Your Balance With Us

Previous Account Balance	25.28
Payments/Credits	-25.28
New Charges	+25.36
Current Account Balance	\$25.36

Payments Received

DATE	DESCRIPTION	AMOUNT
Mar 6, 2019	Payment Received - Thank You	25.28
Total Payments		\$25.28

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE

360 Highway 93 # Weather Douglas WY
Weather Station Schedule 25

METER NUMBER	SERVICE PERIOD		ELAPSED DAYS	METER READINGS		METER MULTIPLIER	AMOUNT USED THIS MONTH
	From	To		Previous	Current		
51479993	Feb 11, 2019	Mar 12, 2019	29	1352	1355	1.0	3 kwh

Next scheduled read date: 04-10. Date may vary due to scheduling or weather.

NEW CHARGES - 03/19

	UNITS	COST PER UNIT	CHARGE
Basic Charge, 1P Sec Delivery			24.25
Energy Charge - Secondary	3 kwh	0.0472800	0.14
Net Power Cost Energy - Sec	3 kwh	0.0285800	0.09
Customer Efficiency Services		0.0365000	0.89
Tax And Jobs Act Adjustment	3 kwh	-0.0037600	-0.01
Total New Charges			25.36

When you provide a check as payment, you authorize us to use the information from your check either to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as we receive your payment and you will not receive your check back from your financial institution. If you would like to opt out of this program and continue processing your payment as a check transaction, please call 1-800-895-0561. If you have opted out previously, please disregard this message.

Write account number on check & mail to: Rocky Mtn Power, PO Box 26000, Portland, OR 97256-0001

RETAIN THIS PORTION FOR YOUR RECORDS.



RETURN THIS PORTION WITH YOUR PAYMENT.



ROCKY MTN POWER
PO BOX 26000
PORTLAND OR 97256-0001



Late Payment Charge for Wyoming
A late payment charge of 1.5% may be charged on any balance not paid in full each month.

Change of Mailing Address or Phone?
Check here & provide information on back.

Account Number: **04262533-001 6**

Date Due: **Mar 29, 2019**

AMOUNT DUE: \$25.36

Please enter the amount enclosed.

WYOMING STATE ENGINEERS OFFICE
ATTN JEFF COWLEY
122 W 25TH ST
CHEYENNE WY 82001-3004

OK to pay
JRC
3/18/19

H 04262533 001 620 000002536



Extension	Name	April 2018 Amount	May 2018 Amount	June 2018 Amount	July 2018 Amount	Aug 2018 Amount	Sept 2018 Amount	Oct 2018 Amount	Nov 2018 Amount	Dec 2018 Amount	Jan 2019 Amount	Feb 2019 Amount	March 2019 Amount
7010993	Weather Station, Lingle	46.05	46.05	46.05	46.05	46.05	46.05	46.05	46.05	44.61	44.61	44.61	44.61
7010994	Weather Station, Encampment	46.05	46.05	46.05	46.05	46.05	46.05	46.05	46.05	44.61	44.61	44.61	44.61
7012555	Weather Station, Elk Mountain	46.05	46.05	46.05	46.05	46.05	46.05	46.05	46.10	44.61	44.61	44.61	44.61
7012550	Weather Station, Douglas	56.05	56.05	56.05	56.05	56.05	55.96	55.96	55.96	54.52	54.52	54.52	54.52
	Total	194.20	194.20	194.20	194.20	194.20	194.11	194.11	194.16	188.35	188.35	188.35	188.35

Susan Oaks
 Unified Communications Billing
 Department of Enterprise Technology Services
 State of Wyoming
 307-777-7165
 susan.oaks@wyo.gov

Report of the Official Files Subcommittee
For the April 11, 2019, NPDC Meeting

The following is a summary of the actions completed by the Official Files Subcommittee (OFSC) since the October 2018 NPDC meeting:

REVIEW OF OFFICIAL FILES (FALL 2018 - SPRING 2019)

The OFSC members have reviewed official files sent to the NPDC SharePoint inbox since the October 2018 meeting and have indicated their approval on the approval tracking spreadsheet available on the NPDC SharePoint site.

UPDATES TO THE NPDC REPRESENTATIVE AND SUBCOMMITTEE MEMBERSHIP LIST

The NPDC Representative and Subcommittee Membership list has been updated, reflecting representative and subcommittee membership announcements made since the October 2018 NPDC meeting. The membership list is included as a handout for the April 11, 2019, NPDC meeting agenda item titled "Review NPDC Representative & Subcommittee Membership."

AMENDMENT TO DOCUMENT AND DATABASE MANAGEMENT SERVICES CONTRACT

In 2017, a contract between The Flatwater Group (TFG) and the Nebraska Community Foundation (NCF) on behalf of NPDC was approved for document and database management services related to the NPDC Official Files. At the October 2018 NPDC meeting, the NPDC approved the implementation of a multi-factor authentication security system for the Official Files SharePoint account and the associated increase in cost incurred through activation of individual user accounts for each of the four NPDC parties. The annual cost of services related to document and database services provided by TFG, therefore, increased from \$5,244/year to \$5,484/year. This cost increase and the drafting of an amendment to the TFG contract to reflect the new annual cost of document and database services were both approved by the NPDC at the October 2018 meeting. The draft amendment (Attachment A) has been reviewed by the OFCS members, TFG, and the NCF, and is submitted to the NPDC for approval.

ACTION ITEMS

- Approve Amendment One to the contract between The Flatwater Group and the Nebraska Community Foundation, on behalf of the NPDC, for ongoing support to the NPDC for the official NPDC document and database management system. Approval of Amendment One authorizes a new annual cost of \$5,484.00 for services provided by The Flatwater Group.

Report of the Official Files Subcommittee
For the April 11, 2019, NPDC Meeting

Respectfully submitted by:



Melissa Mosier, Nebraska

4/23/19
Date



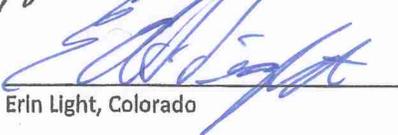
Art Hill, US Bureau of Reclamation

5/3/19
Date



Jeff Cowley, Wyoming SEO

4/14/19
Date



Erin Light, Colorado

05/08/19
Date

**Amendment One
To
CONTRACT
Between
THE FLATWATER GROUP, INC.
and
NEBRASKA COMMUNITY FOUNDATION
On behalf of the NORTH PLATTE DECREE COMMITTEE**

This Amendment One is made to the Contract dated August 17, 2017 by and between The Flatwater Group, Inc. and Nebraska Community Foundation, acting on behalf of the North Platte Decree Committee (NPDC), for ongoing support to the NPDC for the official NPDC document and database management system.

The purpose of this amendment is to provide funding for additional security measures to access the NPDC Official Files document database by implementing multi-factor authentication.

This amendment amends ARTICLE 3(a) of the Contract to read:

ARTICLE 3. CONSIDERATION AND METHOD OF PAYMENT.

- (a) CONTRACTOR shall be compensated according to the hourly rate and reimbursable expense price schedules set forth in Attachment B, but the maximum amount payable for time and expenses shall not exceed \$5,244.00 per calendar year, adjusted to a maximum of **\$5,484.00** per calendar year effective January 9, 2019 to account for the costs of additional security measures. The maximum compensation rate in this Article 3(a), and the labor rates for the categories set forth in Attachment B, may be adjusted annually during the term of this contract, beginning July 1, 2018, at a rate not to exceed the lesser of:
 - (1) 5%; or,
 - (2) The average increase in the Engineering News-Record Construction Cost Index based on the average of the 5 calendar years immediately preceding the year in which the proposed increase is to occur.

All other terms and conditions of the original Contract remain in effect as originally written.

This Amendment One is effective January 9, 2019.

The following parties agree to the terms of this Amendment One:

The Flatwater Group, Inc.

By: _____ Date: _____
Thomas E. Riley
President

For the North Platte Decree Committee through its parties, the United States (Bureau of Reclamation), the State of Nebraska, the State of Colorado, and the State of Wyoming:

By: _____ Date: _____
Diane M. Wilson, Manager of Public/Private Partnerships
Nebraska Community Foundation, as contracting agent.

North Platte Decree Committee
Ad-Hoc Sub-Committee Meeting for the North Platte Natural Flow and Ownership

Minutes
January 30, 2019

I. Call to Order.

Chairperson, Brian Pugsley called the meeting to order at 10:00 a.m. on January 30, 2019 at the Wyoming SEO Division 1 Field Office at Torrington, Wyoming. Those in attendance were:

Brian Pugsley, Wyoming SEO, Chairperson.
Jeff Cowley, SEO
Rob Foreman, SEO
Kent Becker, SEO
Art Hill, USBR
Kevin Buckallew, USBR
Matt Wells, USBR
Mike Smith, USBR
Tom Hayden, NE
Dennis Strauch, PID

II. Natural Flow and Ownership Accounting.

A. Diversions of Natural Flow by Pathfinder Irrigation District.

Mr. Dennis Strauch, Manager for Pathfinder Irrigation District met with the Control Crest Subcommittee to discuss possible storage of natural flow water in the Inland Lakes.

During water year 2018, Pathfinder Irrigated District (PID) delivered natural flow to their appropriators once the Inland Lakes transfer had been completed. It was noted that during the same time period, Inland Lakes was accruing water. In order for the Inland Lakes storage to accrue, more natural flow was being diverted from Whalen than was being delivered to appropriators. This was done in a time period when four North Platte accounts had not received their one time fill. The Glendo Evaporation account, the Wyoming Pathfinder account, the Pathfinder Environmental account, and the Kendrick account were not full.

By diverting more natural flow at Whalen than what was being delivered to PID appropriators; it reduced the natural flow calculation at the Wyoming/Nebraska Stateline. Therefore, it had the potential to reduce accruals in the North Platte River account in priority.

Mr. Strauch presented the committee with a history of the operations of Pathfinder Irrigation District. He stated that he was doing what has historically been done. The only difference between his operations and those of other irrigation districts was that he is able to capture any spill left in the ditch after deliveries have been made. This would cause the increase in volume in the Inland Lakes. The other irrigation districts would spill back to the river where no measuring devices could capture the amount of spill. It was his opinion that capturing this spill would eventually reduce the amount of water that would be diverted at Whalen in the future.

After discussion, the Sub-committee tabled action on this issue. They instructed the Bureau of Reclamation, Nebraska, and Wyoming to review how these diversions would affect the daily accounting procedures, and how possible injuries could affect North Platte ownerships. After the review, the Sub-committee will be informed on recommendations for resolution of this issue. A report of this meeting will be presented to the NPDC. This is to be completed prior to the Spring NPDC for possible action at the meeting.

IV. Adjournment.

The Ad-hoc Sub-Committee was informed that the minutes of this meeting would be disseminated in a timely manner. All comments regarding the minutes should be submitted to the Wyoming SEO office by February 28, 2019. After the Ad-Hoc Sub-Committee Meeting, there was a Control Crest Sub-Committee Meeting in which Dennis Strauch was not in attendance, the meeting was adjourned at 12:30 p.m.



Brian Pugsley, Wyoming SEO, Chairperson 4/11/19
Date



Art Hill, USBR 4/22/19
Date

Tom Hayden, Nebraska Date

North Platte Decree Committee
Ad-Hoc Sub-Committee for the North Platte Natural Flow and Ownership

Minutes
March 8, 2019

I. Call to Order.

Chairperson, Brian Pugsley called the meeting to order at 1:00 p.m. on March 8, 2019 at the Wyoming SEO Division 1 Field Office at Torrington, Wyoming. Those in attendance were:

Brian Pugsley, Wyoming SEO, Chairperson.
Rob Foreman, SEO
Kent Becker, SEO
Matt Wells, USBR
Mike Smith, USBR
Tom Hayden, NE

II. Natural Flow and Ownership Accounting.

A. Diversions of Natural Flow by Pathfinder Irrigation District.

1. The Committee discussed the pros and cons of Pathfinder Irrigation District (PID) making deliveries of natural flow concurrently with the transfer of Inland Lakes account water. It was brought to their attention that after the Inland Lakes transfer was complete, PID continued to divert natural flow at Whalen and re-store the natural flow in the Inland Lakes.

Wyoming pointed out that not all North Platte accounts had received their one time fill, and the re-storage of natural flow has the potential to injure the unfilled accounts. The unfilled accounts were Pathfinder EA, Pathfinder WY, Kendrick, and Glendo Evaporation. Wyoming estimated that approximately 9,942 AF was re-stored in the Inland Lakes. It was Wyoming's opinion that the re-storage of natural flow should be accounted as transferred Pathfinder Ownership.

The Bureau of Reclamation discussed how this accounting may be done and what ramifications may arise. Mr. Wells provide input on how the Inland Lakes are monitored and how their gages and equipment could be used in the accounting process.

Several scenarios about how the accounting was to be done whether daily or monthly were discussed.

It was also discussed as whether this situation needs a revision to the NFO.

North Platte Decree Committee
Ad-Hoc Sub-Committee for the North Platte Natural Flow and Ownership

Minutes
April 1, 2019

I. Call to Order.

Chairperson, Brian Pugsley called the meeting to order at 1:30 p.m. on April 1, 2019 at the Wyoming SEO Division 1 Field Office at Torrington, Wyoming. Those in attendance were:

Brian Pugsley, Wyoming SEO, Chairperson.
Rob Foreman, SEO
Kent Becker, SEO
Shane Hayden, USBR
Matt Wells, USBR
Mike Smith, USBR
Tom Hayden, NE

II. Natural Flow and Ownership Accounting.

A. Diversions of Natural Flow by Pathfinder Irrigation District.

1. After review of the "Report of the Control Crest Sub-Committee Minutes" it was apparent that there was some confusion regarding the direction of the committee. Therefore, a follow-up meeting was held on April 1, 2019 to clear any confusion between the parties.
2. Wyoming stated that any re-storage of natural flow is not allowed as per Wyoming Statutes, Title 41, paragraph 41-3-305 which states:

'The holder or owner of an adjudicated water right to the direct use of the natural unstored flow of any surface stream of the state may store such direct flow so long as no other Wyoming appropriator or user is injured or affected thereby. Prior to the commencement of the storage of water under a direct flow water right, the appropriator shall submit a request for such storage in writing to the state engineer and shall obtain the approval of the state board of control. The state board of control may permit storage at any time so long as there is no interference with existing water rights or uses. The state engineer is authorized and empowered to prescribe such rules and regulations as may be necessary or desirable to enable him to effectively administer the provisions of this section.'

Brian Pugsley stated that the re-storage of natural flow in the Inland Lakes has the potential to injure North Platte ownership accounts that have not received their one time fill. He stated that any water moved to the Inland Lakes after all the water in their ownership account has been moved should be accounted as transferred Pathfinder ownership. This would allow for the normal operation by Pathfinder Irrigation District and allow for unfilled accounts to accrue.

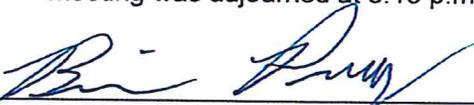
Tom Hayden stated that since natural flow was available; it was Nebraska's right to use their natural flow as they determine as long as they do not exceed their 75% split. Based on this concept, there would be no need to classify diversions beyond the Inland Lakes transfer as transferred Pathfinder ownership. Nebraska's opinion is that the North Platte Decree settlement should take precedence over Wyoming Water Law in this circumstance.

The Bureau of Reclamation provided input as how transferring Pathfinder ownership to the Inland Lakes would affect water accounting for the current year and the following year. They stated they would be willing to work with either method of accounting once a determination is made.

3. When asked, there was no majority decision as to whether to modify the current method of accounting or remain status quo. The Ad-Hoc Sub-Committee for the Natural Flow and Ownership is making the following requests to the North Platte Decree Committee:
 - a. To make a determination as to whether Wyoming Water Law or the North Platte Modified Decree is priority when making this determination.
 - b. That a pilot project accounting system be developed this upcoming year to allow tracking of the excess water being moved to the Inland Lakes.

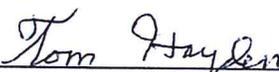
III. Adjournment.

The Ad-Hoc Sub-Committee for the North Platte Natural Flow and Ownership was informed that the minutes of this meeting would be disseminated in a timely manner. All comments regarding the minutes should be submitted to the Wyoming SEO office by April 9, 2019. There being no further business, the meeting was adjourned at 3:15 p.m.



Brian Pugsley, Wyoming SEO, Chairperson 4/11/19
Date

Art Hill, USBR Date



Tom Hayden, Nebraska 4/12/19
Date

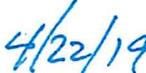
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The Bureau of Reclamation provided input as how transferring Pathfinder ownership to the Inland Lakes would affect water accounting for the current year and the following year. They stated they would be willing to work with either method of accounting once a determination is made.

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 - a. To make a determination as to whether Wyoming Water Law or the North Platte Modified Decree is priority when making this determination.
 - b. That a pilot project accounting system be developed this upcoming year to allow tracking of the excess water being moved to the Inland Lakes.

III. Adjournment.

The Ad-Hoc Sub-Committee for the North Platte Natural Flow and Ownership was informed that the minutes of this meeting would be disseminated in a timely manner. All comments regarding the minutes should be submitted to the Wyoming SEO office by April 9, 2019. There being no further business, the meeting was adjourned at 3:15 p.m.

 _____ Brian Pugsley, Wyoming SEO, Chairperson	 _____ Date
 _____ Art Hill, USBR	 _____ Date
_____ Tom Hayden, Nebraska	_____ Date

NPDC Representatives and Alternates

North Platte Decree Committee

April 11, 2019

NPDC Meeting

April 11, 2019

Attachment L

Representatives

	Name	From	To	Active
	Kevin Rein	8/3/2017		Active
	Dick Wolfe, CO	10/16/2007	6/30/2017	Inactive
	Hal D. Simpson, CO	11/1/2001	4/12/2007	Inactive
	Gordon W. Fassett, NE	8/3/2015		Active
	Jim Schneider, NE	12/8/2014	8/3/2015	Inactive
	Brian Dunnigan, NE	4/15/2008	12/8/2014	Inactive
	Ann Bleed, NE	9/30/2005	3/24/2008	Inactive
	Roger Patterson, NE	11/1/2001	9/30/2005	Inactive
	Carlie Ronca, USBR	10/21/2014		Active
	Coleman Smith, USBR	7/2/2012	4/9/2014	Inactive
	John H. Lawson, USBR	11/1/2001	12/31/2011	Inactive
	Rick Deuell	3/12/2019		Active
	Patrick T. Tyrrell, WY	11/1/2001	3/12/2019	Inactive

Alternates

	Name	From	To	Active
	Erin Light, CO	8/1/2008		Active
	Ken Knox, CO	11/1/2001	8/1/2008	Inactive
	Jennifer J. Schellpeper, NE	9/30/2005		Active
	Jim Schneider, NE	10/26/2010	12/8/2014	Inactive
	Ann Bleed, NE	5/16/2002	9/30/2005	Inactive
	Lyle Myler, USBR	9/26/2005		Active
	Ken Randolph, USBR	11/1/2001	4/13/2004	Inactive
	Brian Pugsley, WY	4/11/2013		Active
	Randy Tullis, WY	11/1/2001	10/20/2012	Inactive

Replacement Water Subcommittee

Name	From	To	Active
Erin Light, CO	8/1/2008		Active
Melissa Mosier, NE*	11/7/2017		Active
Tim Freed, NE	10/30/2015	11/7/2017	Inactive
Jesse Bradley, NE	12/13/2012	10/30/2015	Inactive
Pat Goltl, NE	9/3/2009	12/13/2012	Inactive
Doug Hallum, NE	2/4/2010	10/1/2013	Inactive
Jennifer J. Schellpeper, NE	10/17/2006	9/3/2009	Inactive
Art Hill, USBR	11/7/2017		Active
Brock Merrill, USBR	10/21/2014	11/7/2017	Inactive
Hilaire Peck, USBR	4/18/2012	4/9/2014	Inactive
Brian Anderson, USBR	4/12/2007	4/18/2012	Inactive
Art Hill, USBR	9/1/2006	4/12/2007	Inactive
Jeff Cowley, WY	8/5/2016		Active
Matt Hoobler, WY	4/15/2008	7/15/2016	Inactive
Phillip Stump, WY	8/1/2006	4/15/2008	Inactive

Official Files Subcommittee

Name	From	To	Active
Erin Light, CO	9/23/2016		Active
Laura Nelsen, CO	11/15/2014	9/23/2016	Inactive
Erin Light, CO	8/1/2008	10/26/2010	Inactive
Kevin Rein, CO	10/17/2006	8/1/2008	Inactive
Ken Knox, CO	12/1/2002	8/1/2008	Inactive
Melissa Mosier, NE*	11/7/2017		Active
Tim Freed, NE	10/30/2015	11/7/2017	Inactive
Jennifer J. Schellpeper, NE	10/1/2002	10/30/2015	Inactive
Art Hill	3/15/2019		Active
Daryl Kohut	11/7/2017	3/15/2019	Inactive
Brad Cannon, USBR	11/15/2014	11/7/2017	Inactive
Lyle Myler, USBR	10/1/2002	10/26/2010	Inactive
Jeff Cowley, WY	12/1/2016		Active
Rob Foreman, WY	11/15/2014	12/1/2016	Inactive
Matt Hoobler, WY	4/15/2008	10/26/2010	Inactive
Phillip Stump, WY	4/13/2004	4/15/2008	Inactive
Mike Hill, WY	10/1/2002	4/13/2004	Inactive

Groundwater Wells Subcommittee

Name	From	To	Active
Erin Light, CO	8/1/2008		Active
Philip Paitz	4/11/2017		Active
Colby Osborn, NE	4/7/2016	11/23/2016	Inactive
Jesse Bradley, NE	12/13/2012	3/3/2016	Inactive
Pat Goltl, NE	4/15/2010	12/13/2012	Inactive
Jennifer J. Schellpeper, NE	4/1/2002	11/19/2009	Inactive
Shane Hayden	4/8/2019		Active
Daryl Kohut	11/7/2017	3/15/2019	Inactive
Lyle Myler, USBR	6/1/2002	11/7/2017	Inactive
Hilaire Peck, USBR	4/18/2012	4/9/2014	Inactive
George Moser, WY*	8/5/2016		Active
Matt Hoobler, WY	4/15/2008	7/15/2016	Inactive
Lisa Lindemann, WY	10/19/2004	10/21/2014	Inactive
Phillip Stump, WY	10/28/2003	4/15/2008	Inactive
Tom Quinn, WY	4/3/2003	10/28/2003	Inactive
Richard G. Stockdale, WY	4/1/2002	4/3/2003	Inactive
John Harju, WY	4/1/2002	10/1/2002	Inactive

Finance Subcommittee

Name	From	To	Active
Erin Light, CO	8/1/2008		Active
Kevin Rein, CO	4/3/2003	8/1/2008	Inactive
Jennifer J. Schellpeper, NE	10/30/2015		Active
Jesse Bradley, NE	12/13/2012	10/30/2015	Inactive
Pat Goltl, NE	4/18/2012	12/13/2012	Inactive
Jennifer J. Schellpeper, NE	4/3/2003	4/18/2012	Inactive
Art Hill, USBR	11/7/2017		Active
Mahonri Williams, USBR	4/18/2012	11/7/2017	Inactive
Lyle Myler, USBR	4/3/2003	4/1/2012	Inactive
Jeff Cowley, WY*	8/5/2016		Active
Matt Hoobler, WY	4/15/2008	7/15/2016	Inactive
Phillip Stump, WY	4/3/2003	4/15/2008	Inactive

Consumptive Use Subcommittee

Name	From	To	Active
Erin Light, CO	8/1/2008		Active
Ken Knox, CO	10/1/2002	8/1/2008	Inactive
Melissa Mosier, NE*	11/7/2017		Active
Tim Freed, NE	8/10/2016	11/7/2017	Inactive
Jennifer J. Schellpeper, NE	10/30/2015	8/10/2016	Inactive
Jesse Bradley, NE	12/13/2012	10/30/2015	Inactive
Pat Goltl, NE	4/18/2012	12/13/2012	Inactive
Jennifer J. Schellpeper, NE	10/1/2002	4/18/2012	Inactive
Derrel Martin, NE	10/1/2002	2/1/2009	Inactive
Ann Bleed, NE	10/1/2002	10/11/2005	Inactive
Art Hill, USBR	11/7/2017		Active
Lyle Myler, USBR	4/13/2004	11/7/2017	Inactive
Ken Randolph, USBR	10/1/2002	4/13/2004	Inactive
Charlie Ferrantelli, WY	5/11/2017		Active
Brenna Mefford, WY	8/5/2016	3/17/2017	Inactive
Matt Hoobler, WY	4/15/2008	7/15/2016	Inactive
Phillip Stump, WY	4/1/2004	4/15/2008	Inactive
Randy Tullis, WY	10/1/2002	10/20/2012	Inactive
Sue Lowry, WY	10/1/2002	4/1/2004	Inactive

Control Crest Subcommittee

Name	From	To	Active
Erin Light, CO	8/1/2008		Active
Tom Hayden, NE	4/1/2002		Active
Art Hill, USBR	10/22/2015		Active
Brad Cannon, USBR	10/21/2014	10/22/2015	Inactive
Hilaire Peck, USBR	4/18/2012	4/9/2014	Inactive
Brian Anderson, USBR	4/12/2007	4/30/2011	Inactive
Mahonri Williams, USBR	10/17/2006	4/12/2007	Inactive
Ed Kouma, USBR	4/1/2002	10/17/2006	Inactive
Brian Pugsley, WY*	4/11/2013		Active
Randy Tullis, WY	4/1/2002	4/11/2013	Inactive

Natural Flow and Ownership Accounting Ad Hoc Subcommittee

Name	From	To	Active
Erin Light, CO	10/28/2016		Active
Tom Hayden, NE	10/28/2016		Active
Art Hill, USBR	10/28/2016		Active
Brian Pugsley, WY	10/28/2016		Active

By-Laws Ad Hoc Subcommittee

Name	From	To	Active
Ken Knox, CO	4/1/2002	8/1/2008	Inactive
Ann Bleed, NE	4/1/2002	3/24/2008	Inactive
Ken Randolph, USBR	4/1/2002	1/1/2004	Inactive
Sue Lowry, WY	4/1/2002	4/1/2004	Inactive

Stateline Gage Subcommittee

Name	From	To	Active
Erin Light, CO	8/1/2008	10/9/2013	Inactive
Jesse Bradley, NE	4/15/2008	10/9/2013	Inactive
Pat Goltl, NE	10/26/2010	12/13/2012	Inactive
Jennifer J. Schellpeper, NE	4/15/2008	10/26/2010	Inactive
Brian Dunnigan, NE	4/1/2007	4/15/2008	Inactive
Hilaire Peck, USBR	4/18/2012	10/9/2013	Inactive
Lyle Myler, USBR	4/1/2007	4/18/2012	Inactive
Matt Hoobler, WY	4/15/2008	10/9/2013	Inactive
Phillip Stump, WY	4/1/2007	4/15/2008	Inactive

Baseline Wells Ad Hoc Subcommittee

Name	From	To	Active
Jennifer J. Schellpeper, NE	4/12/2002	10/29/2002	Inactive
Lyle Myler, USBR	4/12/2002	10/29/2002	Inactive
John Harju, WY	4/12/2002	10/29/2002	Inactive

Pathfinder delivery Ad Hoc Subcommittee

Name	From	To	Active
Thomas Hayden, NE	9/5/2012	4/11/2013	Inactive
Mahonri Williams, USBR	9/5/2012	4/11/2013	Inactive
Brian Pugsley, WY	9/5/2012	4/11/2013	Inactive