

September 28, 2017

***VIA ELECTRONIC FILING
AND OVERNIGHT DELIVERY***

Wyoming Public Service Commission
2515 Warren Avenue, Suite 300
Cheyenne, Wyoming 82002

Attn: Chris Petrie
Chief Counsel

Docket No. 20000-____-EA-17
Record No.

**RE: IN THE MATTER OF THE APPLICATION OF ROCKY MOUNTAIN POWER
FOR APPROVAL OF A 3-YEAR DEMAND SIDE MANAGEMENT PLAN**

Dear Mr. Petrie:

Enclosed for filing are an original and four (4) copies of Rocky Mountain Power's ("Company") Application requesting approval of a 3-Year Demand-Side Management Plan.

In addition, the Company has also provided this Application to the Wyoming Public Service Commission ("Commission") pursuant to its electronic filing requirements. The Company has enclosed a check in the amount of \$5.00 for the Commission's filing fee.

All formal correspondence and Staff requests regarding this matter should be addressed to:

By E-mail (preferred): datarequest@pacificorp.com
michael.snow@pacificorp.com

By regular mail: Data Request Response Center
PacifiCorp
825 NE Multnomah, Suite 2000
Portland, OR 97232

Informal inquiries related to this filing may be directed to me at (801) 220-4214.

Sincerely,



Michael S. Snow
Manager, DSM Regulatory Affairs

Enclosures

Daniel E. Solander
Senior Counsel
1407 W. North Temple, Suite 320
Salt Lake City, Utah 84116
Rocky Mountain Power
daniel.solander@pacificorp.com

Attorney for Rocky Mountain Power

BEFORE THE WYOMING PUBLIC SERVICE COMMISSION

IN THE MATTER OF THE APPLICATION OF)	
ROCKY MOUNTAIN POWER FOR)	
APPROVAL OF A 3-YEAR DEMAND SIDE)	Docket No. 20000-____-EA-17
MANAGEMENT PLAN)	(Record No. _____)
)	

COMES NOW, Rocky Mountain Power (“Company”), with an Application to the Wyoming Public Service Commission (“Commission”) respectfully requesting an Order approving 1) a 3-Year Plan for Demand Side Management (“DSM”) acquisition, 2) the capitalization of Category 3 DSM expenditures, and 3) modifications to the Company’s DSM program tariffs and Electric Service Schedule 191 surcharge rates to align with the proposed 3-Year DSM Plan and capitalization structure, as described in this Application. The Company respectfully requests an effective date of February 1, 2018. In support of its Application, Rocky Mountain Power states as follows:

1. Rocky Mountain Power is a division of PacifiCorp, an Oregon corporation, which provides electric service to retail customers through its Rocky Mountain Power division in the states of Wyoming, Utah, and Idaho, and through its Pacific Power division in the states of Oregon, California, and Washington.

2. Rocky Mountain Power is a regulated public utility in the state of Wyoming and is subject to the Commission's jurisdiction with respect to its prices and terms of electric service to retail customers in Wyoming. The Company provides retail electric

service to over 147,000 customers and has approximately 1,400 employees in Wyoming. Rocky Mountain Power's principal place of business in Wyoming is 2840 East Yellowstone Highway, Casper, Wyoming 82602.

3. Communications regarding this filing should be addressed to:

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Daniel E. Solander
Senior Counsel
Rocky Mountain Power
1407 West North Temple, Suite 320
Salt Lake City, Utah 84116
E-mail: daniel.solander@pacificorp.com

In addition, the Company requests that all data requests regarding this matter be addressed to:

By email (preferred): datarequest@pacificorp.com
michael.snow@pacificorp.com

By regular mail: Data Request Response Center
PacifiCorp
825 NE Multnomah, Suite 2000
Portland, Oregon 97232

Informal questions may be directed to Michael Snow at (801) 220-4214.

BACKGROUND

4. On March 2, 2017, the Company filed a Stipulation and Agreement in Docket No. 20000-502-EA-16 (“Stipulation”), establishing a collaborative process in which all interested parties would be given the opportunity to provide input with respect to a 2-3 year plan for future DSM acquisition that would be submitted to the Commission for review and approval. The Commission approved the Stipulation in its order issued July 13, 2017, following to the deliberations held March 9, 2017.

5. On May 11, 2017, the Company held the first collaborative meeting with members of Wyoming Industrial Energy Consumers (“WIEC”), Office of Consumer Advocate (“OCA”), Southwest Energy Efficiency Project (“SWEET”), University of Wyoming, Merit Energy (collectively, the “Parties”), and Commission Staff to discuss the Integrated Resource Plan (“IRP”), current DSM programs, regulatory filing and tariff modification processes, reports and evaluations, and Parties’ priorities and concerns with respect to a 2-3 Year DSM plan. The presentation from the first collaborative meeting is attached hereto as Exhibit A.

6. On May 17, 2017, the Company circulated notes from the first collaborative meeting to the Parties and Commission Staff summarizing items that were discussed and listed priorities and concerns that were expressed.

7. On June 2, 2017, the Company circulated a draft DSM Plan and associated materials to the Parties and Commission Staff that were developed based on the priorities and concerns conveyed at the May 11, 2017 meeting. The Company requested that Parties review the draft DSM Plan and come prepared with recommendations during the next collaborative meeting.

8. On June 8, 2017, the Company held the second collaborative meeting with the Parties to discuss the draft DSM Plan in good faith and attempt to resolve any issues and concerns. Items of discussion included a review of the notes from the first collaborative meeting, IRP assumptions and impacts, DSM Plan and concepts, tariff modifications, DSM surcharge analysis, DSM capitalization concept, Parties' suggestions, and next steps. The presentation from the second collaborative meeting is attached hereto as Exhibit B.

9. On June 12, 2017, the Company circulated notes from the second collaborative meeting to the Parties summarizing items that were discussed, items generally agreed upon, and open items. Items generally agreed upon during the second collaborative meeting were residential and non-residential DSM Plan concepts and offering flexibility, plan management and material differences, reporting commitments, and cost-effectiveness. Items still open to discussion after the second collaborative meeting were savings targets and budget, DSM surcharge rates, and DSM capitalization.

10. Also on June 12, 2017, WIEC sent the Company informal data requests concerning the open items previously mentioned above. The Company provided responses to WIEC's questions on June 16, 2017.

11. Between July and September 2017, the Company and WIEC engaged in a series of communications and informal discovery regarding Category 3 rates and, ultimately, reached an understanding regarding Category 3 issues and other items proposed in this Application, memorialized in a Memorandum of Understanding ("MOU") between the two parties.

12. On September 8, 2017, the Company gave Commission Staff an update regarding its efforts with WIEC to reach a settlement on the 3-Year DSM Plan concepts.

13. Also on September 8, 2017, the Company met with OCA to continue discussions regarding the 3-Year DSM Plan and capitalization concepts.

14. On September 15, 2017, the Company met with OCA to explain in greater detail the components of capitalizing Category 3 expenditures, and how it benefits customers.

15. On September 21, 2017, the Company circulated a draft Application and supporting exhibits to the Parties and Commission Staff. Minor modifications were made based on comments and discussions.

3-YEAR DEMAND SIDE MANAGEMENT PLAN

16. Exhibit C to this Application is a 3-Year DSM Plan for calendar years 2018 through 2020 (“3-Year Plan”). The 3-Year Plan outlines energy savings targets and budget estimates informed from the 2017 IRP and guided by the collaborative process with interested parties. The 3-Year Plan’s purpose is to create transparency, rate stability and certainty, and to enable the Company to reasonably manage energy savings targets and budgets. The 3-Year Plan also contains Residential (Category 1) and Non-Residential (Categories 2 & 3) program strategy, and potential offerings in support of the 3-Year Plan energy savings targets. As part of the 3-Year Plan, the Company will continually monitor program kWh savings and budgets and will add, remove, and/or modify offerings and initiatives in order to administer cost-effective programs and reasonably manage within the approved kWh savings and budget targets.

17. The 3-Year Plan will serve as a guideline for DSM acquisition and spending, and will continually be impacted by customer participation and market conditions (i.e. changes in material costs, product availability, price competition, etc.). In an effort to avert DSM spending levels from exceeding surcharge revenues in any given

year within the 3-Year Plan, to the extent that the Company projects there will be more than a 10 percent increase to DSM spend beyond the total budget outlined in the 3-Year Plan, the Company will: (1) notify interested stakeholders; (2) provide a detailed explanation for the deviation in projected spend; and (3) obtain input for any actions that should be taken and filed with the Commission for approval, if necessary. The Company will continue to work with interested stakeholders in an effort to improve program offerings, including the self-direct program.

18. In order to manage to the 3-Year Plan and help prevent material differences, the Company proposes to replace existing DSM program tariffs with the 3-Year Plan to outline DSM offerings and add language in Schedule 191 to enable the Company to implement DSM programs to achieve the savings goals outlined in the 3-Year Plan. This structure will enable the Company to reasonably manage within the 3-Year Plan savings targets and budget, and make timely and/or immediate adjustments to its program offerings and designs to address customer participation and market conditions. The canceled DSM program tariffs include Schedule Nos. 111, Home Energy Savings Program, 118, Low Income Weatherization Program, and 140, Non-Residential Energy Efficiency Program, attached hereto as Exhibit D. The Company will continue to use the same cost-effectiveness tests that are currently used, as described further below in this Application.

SURCHARGE ANALYSIS

19. Exhibit E to this Application is a balancing account analysis reflecting actual balancing account results through August 2017 for DSM programs, and forecast results from September 2017 through December 2020 under current rates for residential service (Category 1), non-residential small general service (Category 2), and non-residential large general service (Category 3) within Schedule 191. As of August 2017, the

Category 1 balancing account is over-collected with a balance of approximately \$1.15 million owing to customers, and the Category 2 and 3 balancing accounts are under-collected with balances of approximately \$1.85 million and \$3.98 million, respectively, owing to the Company. Category 1, 2, and 3 expenditures are forecast to be \$5.71 million, \$13.7 million, and \$18.9 million, respectively, from September 2017 through December 2020. At current rates, Categories 1, 2, and 3 are forecast to collect approximately \$5.38 million, \$11.8 million, and \$11.2 million, respectively, from September 2017 through December 2020. Taking into account the current over/under-collected balances and forecast DSM expenditures through December 2020, the Category 1 balancing account is estimated to have an over-collected balance of approximately \$880,000 by December 2020, and the Category 2 and 3 balancing accounts are estimated to have under-collected balances of approximately \$3.9 million and \$12.1 million, respectively, by December 2020. Table 1 below includes information from Exhibit E showing what the Category 1, 2, and 3 balances are forecast to be at the end of each year at current rates through December 2020.

Table 1 – Category 1, 2, and 3 Forecast Balances at Current Rates

Month/Year	Forecast Balances at Current Rates		
	Category 1 (1.44%)	Category 2 (2.59%)	Category 3 (0.79%)
December 2017	\$(917,856)	\$2,364,479	\$2,813,298
December 2018	\$(825,688)	\$2,702,697	\$6,518,730
December 2019	\$(455,607)	\$3,235,384	\$9,280,717
December 2020	\$(880,339)	\$3,921,866	\$12,098,972

20. To address the over/under-collected balances for Categories 1 and 2, the Company proposes to decrease the Category 1 rate and increase the Category 2 rate to better align collected revenue with DSM expenditures through December 2020. Exhibit F to this Application is a balancing account analysis reflecting forecast balancing account results with proposed Category 1 and 2 rates adjusted to 1.21 percent and 3.58 percent,

respectively, with a February 1, 2018 effective date. Under Exhibit F's scenario, Category 1 and 2 rates are forecast to collect approximately \$4.64 million and \$15.8 million, respectively, through December 2020, and would bring the Category 1 and 2 balances in better alignment with DSM expenditures by December 2020. Table 2 below includes information from Exhibit F showing what the Category 1 and 2 balances are forecast to be at the end of each year during the 3-Year Plan period using the proposed rates.

Table 2 – Category 1 and 2 Forecast Balances at Proposed Rates

Month/Year	Forecast Balances at Proposed Rates	
	Category 1 (1.21%)	Category 2 (3.58%)
December 2018	\$(593,679)	\$1,450,061
December 2019	\$40,674	\$585,574
December 2020	\$(114,395)	\$(153,655)

Exhibit G to this Application provides redlined Schedule 191 tariff sheets for the Category 1 and 2 rate adjustments, and language to enable the Company to implement DSM programs to manage within the savings targets outlined in the 3-Year Plan, as described above. Exhibit H to this Application provides support and details for the development of the proposed rates in Exhibit F and Table 2.

DSM CAPITALIZATION

21. To provide more rate stability and to better align the energy savings that occur from DSM programs over their lives with the program costs, the Company requests authorization, beginning February 1, 2018, to capitalize Category 3 expenditures, amortize them over a ten year period, and apply a carrying charge to the unamortized balance that is equal to the Company's pretax Rate of Return ("ROR") from the ordered Capital Structure & Cost in the Company's most recent general rate proceeding. Unamortized DSM costs will be carried in a regulatory asset balancing account. Currently, DSM program costs and

customer collections are tracked using a regulatory balancing account, where costs debit the account and collections credit the account. Since collections are based on variable customer energy usage and expenditures are variable, periodic rate reviews are used to target a zero account balance. The rate review process primarily considers the current account balance, planned DSM costs, and expected retail sales volumes. This results in a DSM surcharge rate that can vary based on the expenditures, making it difficult for customers to plan for the constant changes in rates. If approved, the Company would begin to capitalize monthly Category 3 DSM expenditures beginning February 1, 2018. Rather than expensing Category 3 DSM expenditures in the year they occur, the monthly capitalization will carry a ten year amortization period to better align the energy savings that occur from DSM programs over their lives with the program costs. The DSM surcharge rate will be set to collect an amount equal to the projected amortization expense plus return in each calendar year, with the unamortized DSM balance recorded as a regulatory asset. Any difference between DSM collections and the actual DSM amortization expense and carrying charges, whether positive or negative, will be included in the subsequent years DSM surcharge rate calculation. A benefit to this would be less volatile surcharge rates, with smaller, more predictable changes over time, and likely yield positive results with respect to Ratepayer Impact Measure cost-effectiveness tests. The outstanding balance for Category 3 at January 31, 2018, will be carried forward as the beginning balance of the 2018 Category 3 balancing account as a component of the capitalized balance going forward. On February 1, 2018, any carryover balance will be added to or subtracted from the February Category 3 collections to calculate the net collections for the month.

22. Exhibit I to this Application is a 10-Year DSM capitalization forecast for Category 3. Category 3 expenditures will be set at \$18.0 million during the 3-Year Plan

period, targeting \$6.0 million spent in each year. Rather than decreasing the Category 3 rate in 2018, as a typical amortization schedule would follow, it will instead be fixed at its current rate of 0.79 percent for years 2018-2020, as discussed with WIEC, to pay off the beginning balance carried over from 2017 quicker. Keeping the Category 3 rate at 0.79 percent for the first three years of the amortization schedule will also result in lower rates in subsequent years. The Company recognizes WIEC's desire for rate certainty and low rates, and will work with WIEC to maintain the Category 3 rate at or below 1.6 percent over the long term, if possible, depending on customer participation, IRP targets, and cost-effectiveness. Table 3 below includes information from Exhibit I showing details for the beginning balance, annual DSM spend, amortization amount, carrying charge, estimated collections, and ending balances for Category 3.

Table 3 – Category 3 Forecast Amortization Accounting

Year	2018	2019	2020
Surcharge Rate	0.79%	0.79%	0.79%
Beginning Balance	\$3,813,299	\$6,963,734	\$10,443,586
Annual DSM Spend	\$6,000,000	\$6,000,000	\$6,000,000
Amortization Amount	\$(681,330)	\$(1,281,330)	\$(1,881,330)
Carrying Charge	\$532,541	\$860,173	\$1,221,960
Estimated Collections	\$(3,382,106)	\$(3,380,320)	\$(3,380,320)
Ending Balance	\$6,963,734	\$10,443,586	\$14,285,226

The remaining years shown in Exhibit I are provided as a visual aid example of capitalization to view the balance and surcharge behavior through time, assuming Category 3 expenditures remained constant from 2021 through 2032. Actual future DSM budgets will be determined through the established three-year plan process with stakeholder input, and commission approval.

23. In order to address the under-collected Category 3 balance if expenditures are not capitalized, the Category 3 rate would need to be increased from 0.79 percent to 1.74 percent, effective February 1, 2018. This rate increase is estimated to bring the Category 3 balance in better alignment with DSM expenditures by December 2020 if expenditures are not capitalized. Capitalizing Category 3 expenditures however, is the preferred approach to mitigate the impact on customers, create rate stability, and is supported by WIEC, pursuant to the aforementioned MOU.

3-YEAR DSM PLANNING CYCLE AND RATE ADJUSTMENTS

24. If the 3-Year Plan and other concepts proposed in this Application are approved, DSM targets and budgets shall continually be approved on a 3-year planning cycle, and the capitalization and amortization structure for Category 3 will not be subject to change with subsequent three-year plans, unless ordered by the Commission in a future proceeding. Accordingly, the Company intends to file another three-year plan during 2020 for the next three-year planning period of 2021 through 2023, and will include updated energy savings targets and budget estimates, program strategy and offerings in support of the energy savings targets, an updated capitalization and amortization forecast, and any necessary Schedule 191 rate adjustments as a result. Subsequent three-year DSM plans, capitalization forecasts, and Schedule 191 rate adjustments will ensue thereafter along the same timeline in accordance with the 3-year planning cycle. It is the intent of the Company to not have to adjust surcharge rates during the 3-Year Plan period, however, the Company will provide periodic reports, as further described below, and will also conduct ongoing surcharge analyses to ensure Schedule 191 rates remain in alignment with the 3-Year Plan. If it becomes necessary to adjust rates at any time during the 3-Year Plan period, the

Company will work with stakeholders and file for approval of an adjustment with details causing its necessity.

REPORTING COMMITMENTS AND COST-EFFECTIVENESS

25. As stated in the Stipulation, the Company will continue to provide annual and quarterly reports, as well as periodic updates to interested parties as necessary. The annual and quarterly reports may evolve to improve formatting, content, etc., but will not lose the core data currently contained within the reports.

26. The Company will continue to offer cost-effective programs to manage towards the savings targets approved in the 3-Year Plan. Currently, the Company conducts cost-effectiveness testing using the Total Resource Cost Test (“TRC”), Utility Cost Test (“UCT”), Participant Cost Test, PacifiCorp TRC, and Rate Payer Impact Test. The Company believes each test evaluates energy efficiency programs from different perspectives, and recommends continuing to screen programs using each test as a guideline. Results from cost-effectiveness testing for the Company’s DSM programs will be provided in its annual reporting, allowing the Commission and interested parties to verify the cost-effectiveness of the Company’s programs. The Company will also continue to conduct periodic third-party program evaluations, which will also include cost-effectiveness results, and provide those to the Commission and interested parties as they are completed. To determine the prudence of past expenditures in future program evaluations and reporting however, the Company may emphasize the UCT, focusing on Company-controlled benefits and costs, to argue whether programs were cost-effective, but may not exclusively emphasize the UCT over other tests.

WHEREFORE, by this Application, Rocky Mountain Power respectfully requests that the Commission approve the following, as described in this Application, with an effective date of February 1, 2018:

- 1) The 2018 through 2020 3-Year Plan for Demand-Side Management Acquisition, as provided in Exhibit C;
- 2) Cancellation of Electric Service Schedule Nos. 111, 118, and 140, as provided in Exhibit D;
- 3) Modifications to Electric Service Schedule No. 191, including adjusting Category 1 and 2 rates to 1.21 percent and 3.58 percent, respectively, as provided in Exhibit G;
- 4) The three-year planning cycle for DSM targets and budgets, and capitalization and amortization of Category 3 Demand-Side Management expenditures, as provided in Exhibit I.

DATED this 28th day of September, 2017.

Respectfully submitted,

ROCKY MOUNTAIN POWER



Daniel E. Solander
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Salt Lake City, Utah 84116
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Exhibit A

Wyoming Collaborative

May 11, 2017



wattsmart



 ROCKY MOUNTAIN
POWER

Let's turn the answers on.

Today's Agenda

1. Introductions
2. Purpose and Collaboration Principles
3. Overview of Integrated Resource Plan
4. Overview of DSM Programs
5. Regulatory Filings & Modification Process
6. Lunch (30 min)
7. Reports & Evaluations
8. Stakeholder discussion and priorities
9. Next Steps

Why are we here?

- Provide transparency for energy efficiency planning and surcharge impacts
- Customer participation in energy efficiency continues to increase, causing Cat 2 and Cat 3 surcharge rates to increase
- Commission commitment to develop a 2 year DSM plan



Working Session Purpose and Principles

Purpose

- Assist with the development of a 2 year energy efficiency plan for commission approval

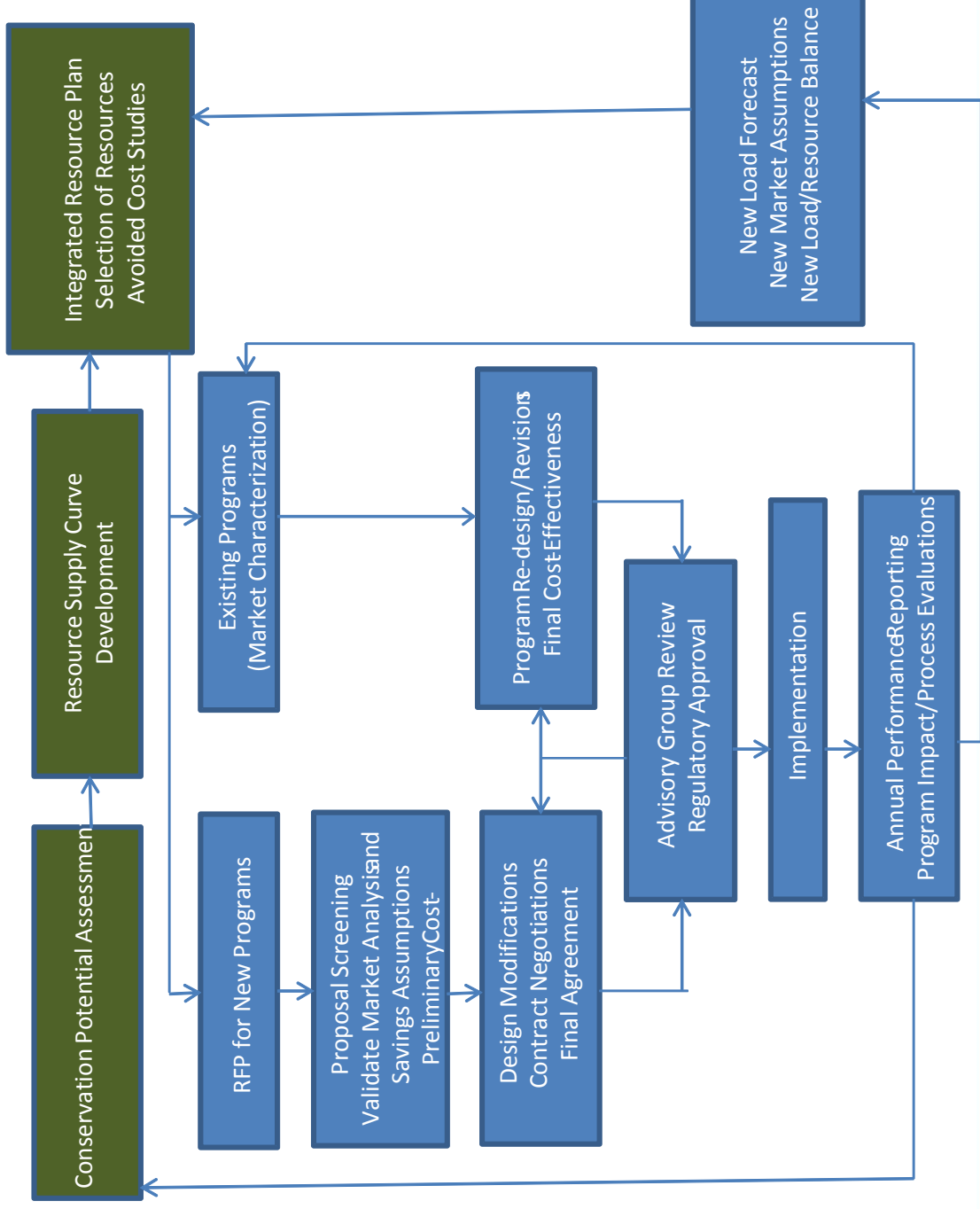
Collaboration Principles

- Transparency of current processes and programs for identification of improvements/recommendations
- Commitment of parties to work together in good faith and be respectful of everyone's ideas and opinions

Multiple Meetings Anticipated

- Today's meeting to focus on education of existing processes to lay foundation for collaboration and obtain suggestions and priorities of stakeholders
- 2nd meeting to discuss draft plan
- 3rd meeting, as needed

DSM Planning Process Overview



DSM Potential Study Overview

- Assess available DSM potential and associated cost from 2017-2036 in each of the Company's six states
- Identified potential represents available savings from multiple sources, including utility programs, improved building codes and equipment efficiency standards, and market transformation
- Conducted by independent third-party contractors
- Updated roughly every two years to reflect changes in load forecasts, available data sources, measures, codes and standards, economic assumptions, etc.
- DSM potential competes directly with supply-side options in the Integrated Resource Plan



Types of Class 2 DSM Potential

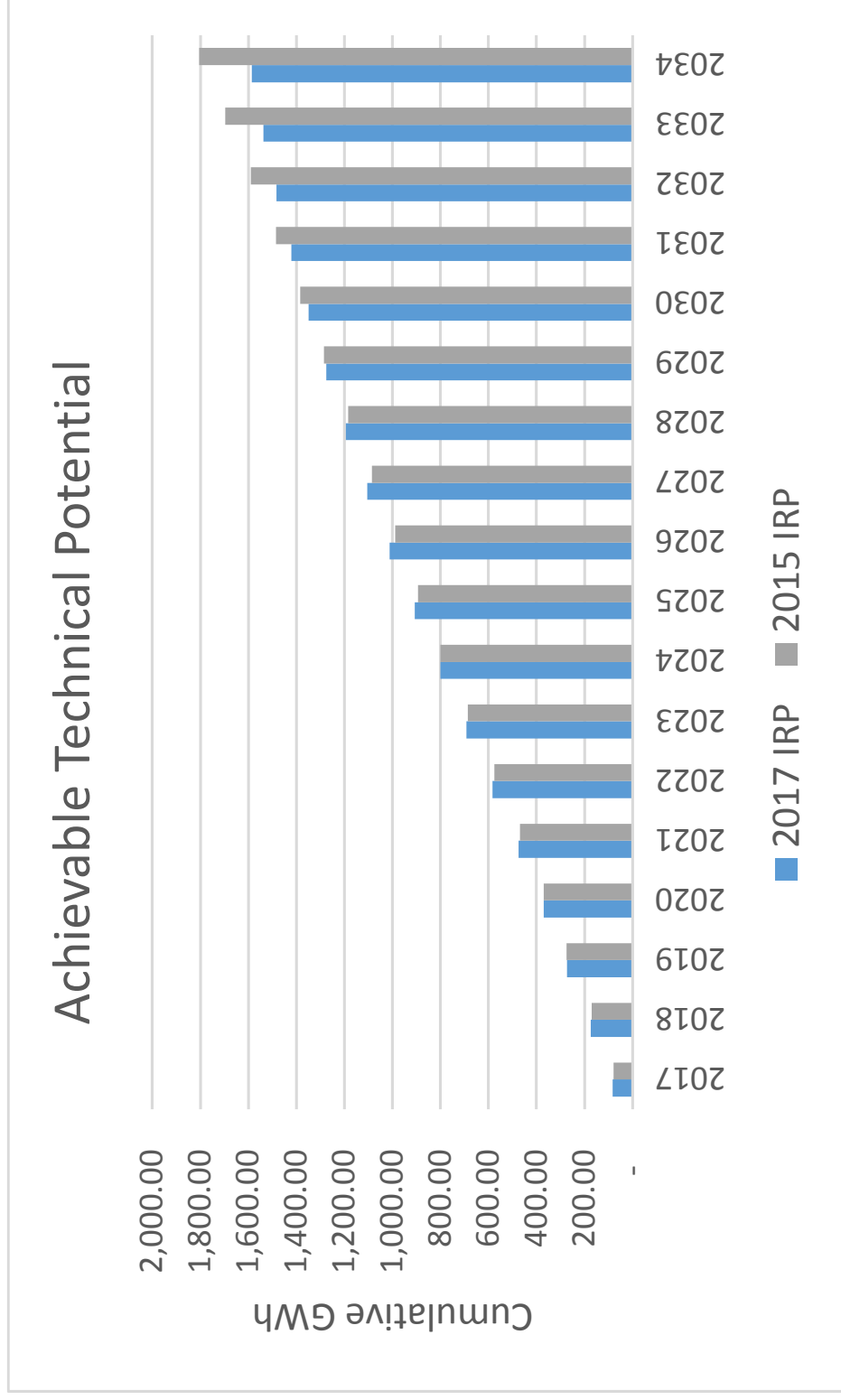
- ***Technical potential*** – savings from installing all technically feasible measures, regardless of cost or other market barriers, after netting out estimated naturally occurring impacts
- ***Achievable technical potential (input to IRP model)*** – the share of technical potential that might reasonably be achievable over the planning period, given market barriers possibly impeding customer adoption.
- ***Achievable economic potential (output of IRP model)*** – the portion of achievable technical potential deemed cost-effective by the IRP model.



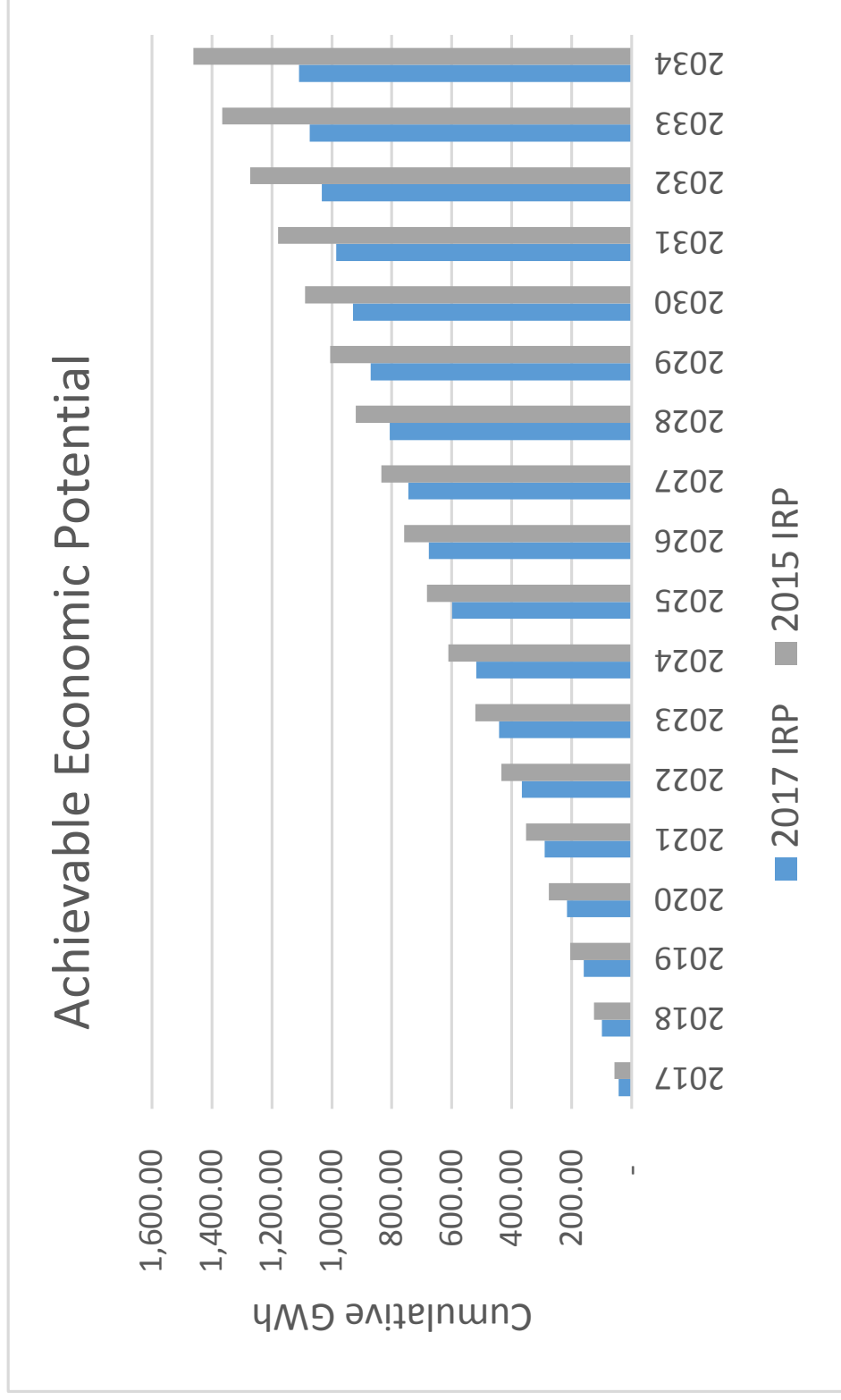
Class 2 DSM Measure List

- List of measures to analyze begins with 2015 potential study, adding new technologies and removing measures that are no longer applicable
- Costs, savings, measure life, and applicability assumptions based on consultant review of best available and most applicable data
 - Updated information on building codes, equipment efficiency standards, building stock, and efficient market shares – baseline from which savings are measured
 - Updated measure and baseline cost assumptions. Discretionary measures use full costs, lost opportunity use incremental costs above baseline
 - Where reliable projections are available for specific measures, emerging technologies incorporate expected cost declines and performance improvements.

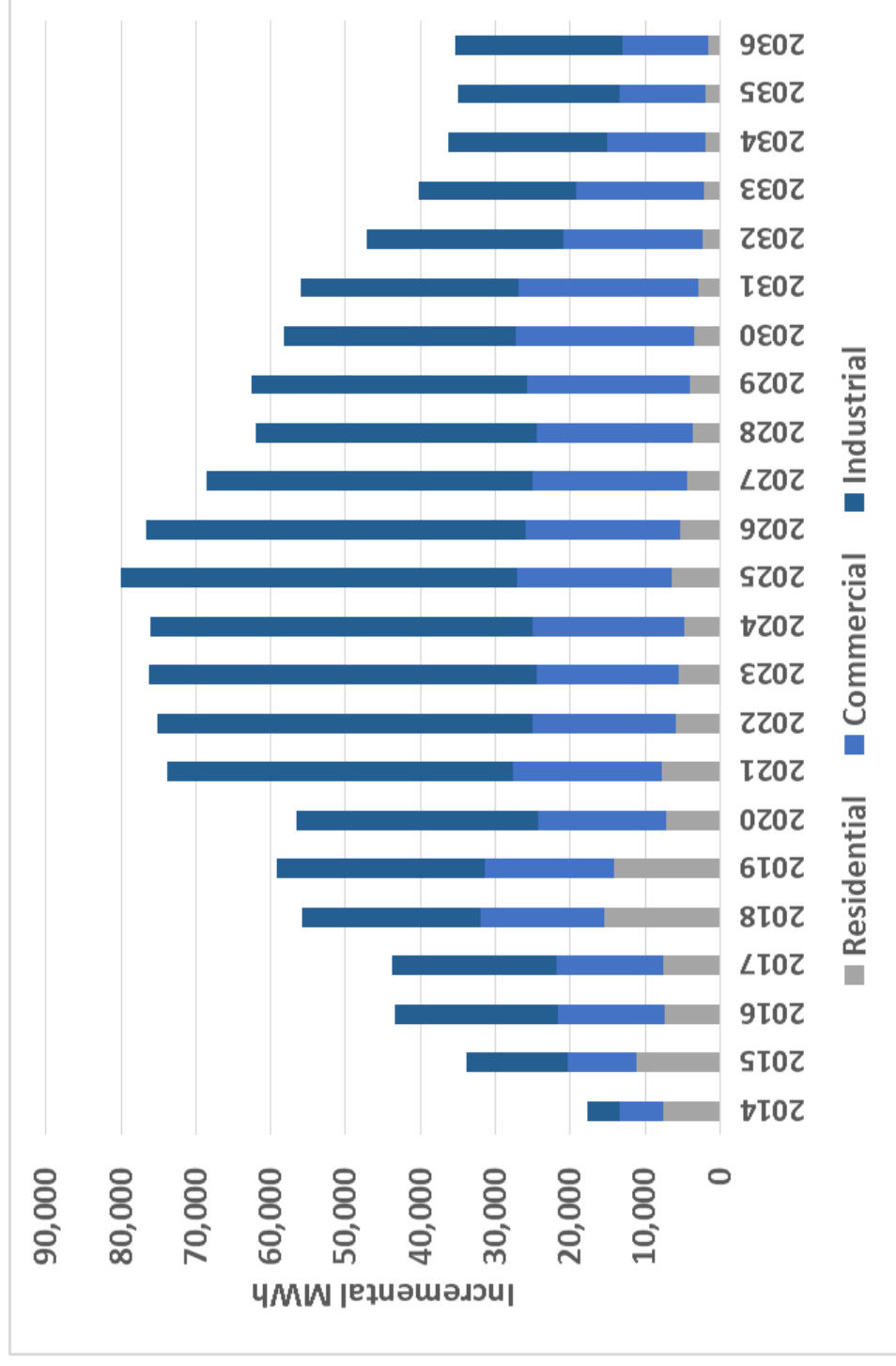
Wyoming Achievable Technical Potential Comparison



Wyoming Achievable Economic Potential Comparison (IRP Selections)

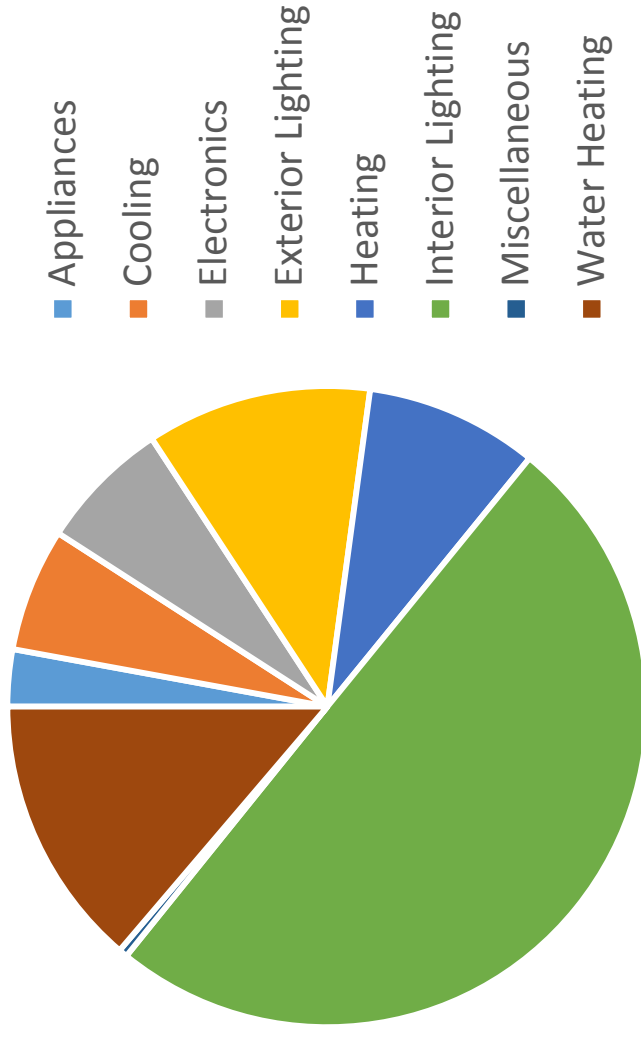


Historical and Projected DSM Acquisition by Sector



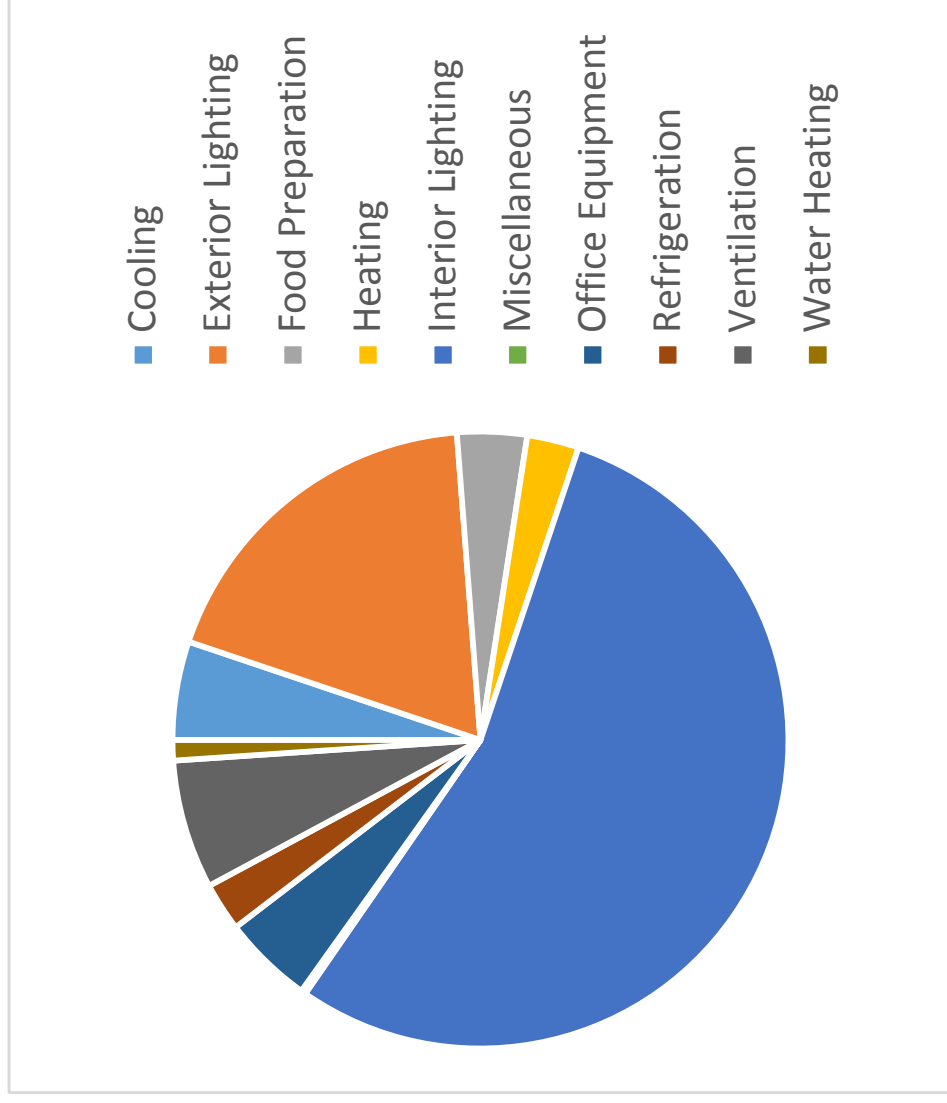
Wyoming 2017 IRP Selections - Residential

2018-2036 DSM Selections	Cumulative MWh
Appliances	2,893
Cooling	6,263
Electronics	6,700
Exterior Lighting	11,455
Heating	8,799
Interior Lighting	50,229
Miscellaneous	442
Water Heating	13,838
Total	100,618



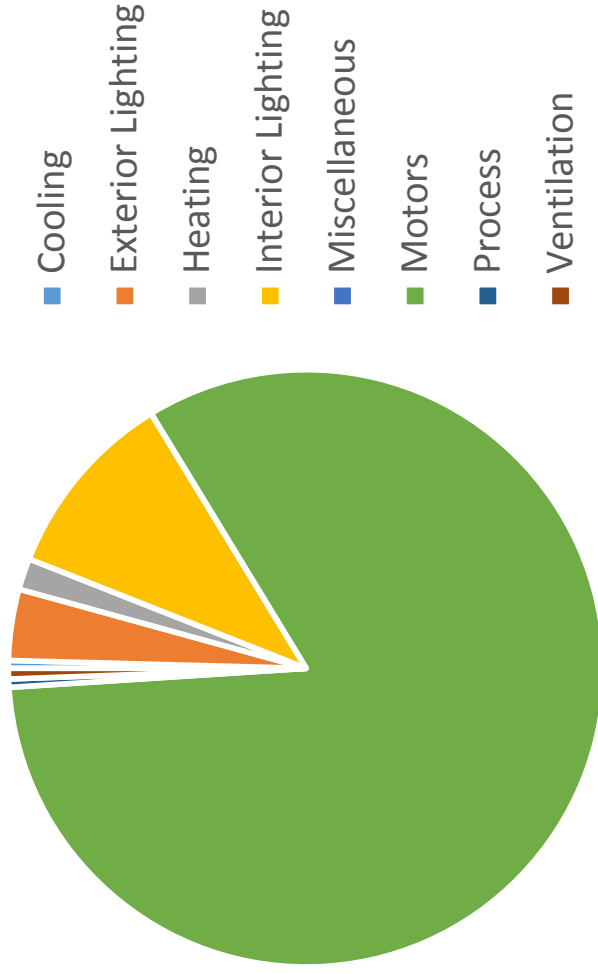
Wyoming 2017 IRP Selections - Commercial

2018-2036 DSM Selections	Cumulative MWh
Cooling	17,956
Exterior Lighting	64,690
Food Preparation	12,738
Heating	9,469
Interior Lighting	189,343
Miscellaneous	866
Office Equipment	16,472
Refrigeration	8,846
Ventilation	3,539
Water Heating	3,704
Total	347,623

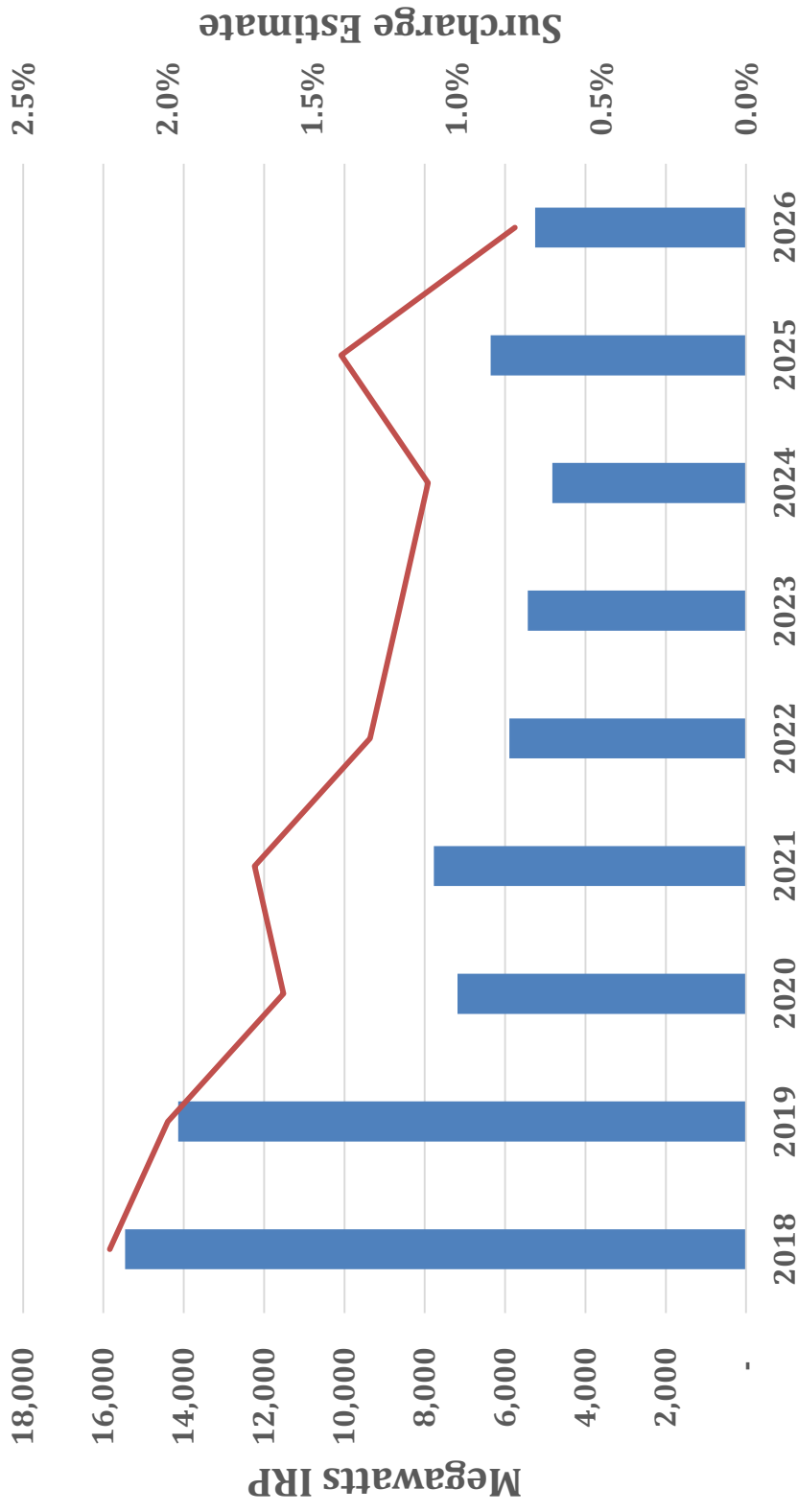


Wyoming 2017 IRP Selections - Industrial

2018-2036 DSM Selections	Cumulative MWh
Cooling	2,860
Exterior Lighting	26,010
Heating	11,487
Interior Lighting	69,558
Miscellaneous	119
Motors	558,604
Process	3,022
Ventilation	3,853
Total	675,513

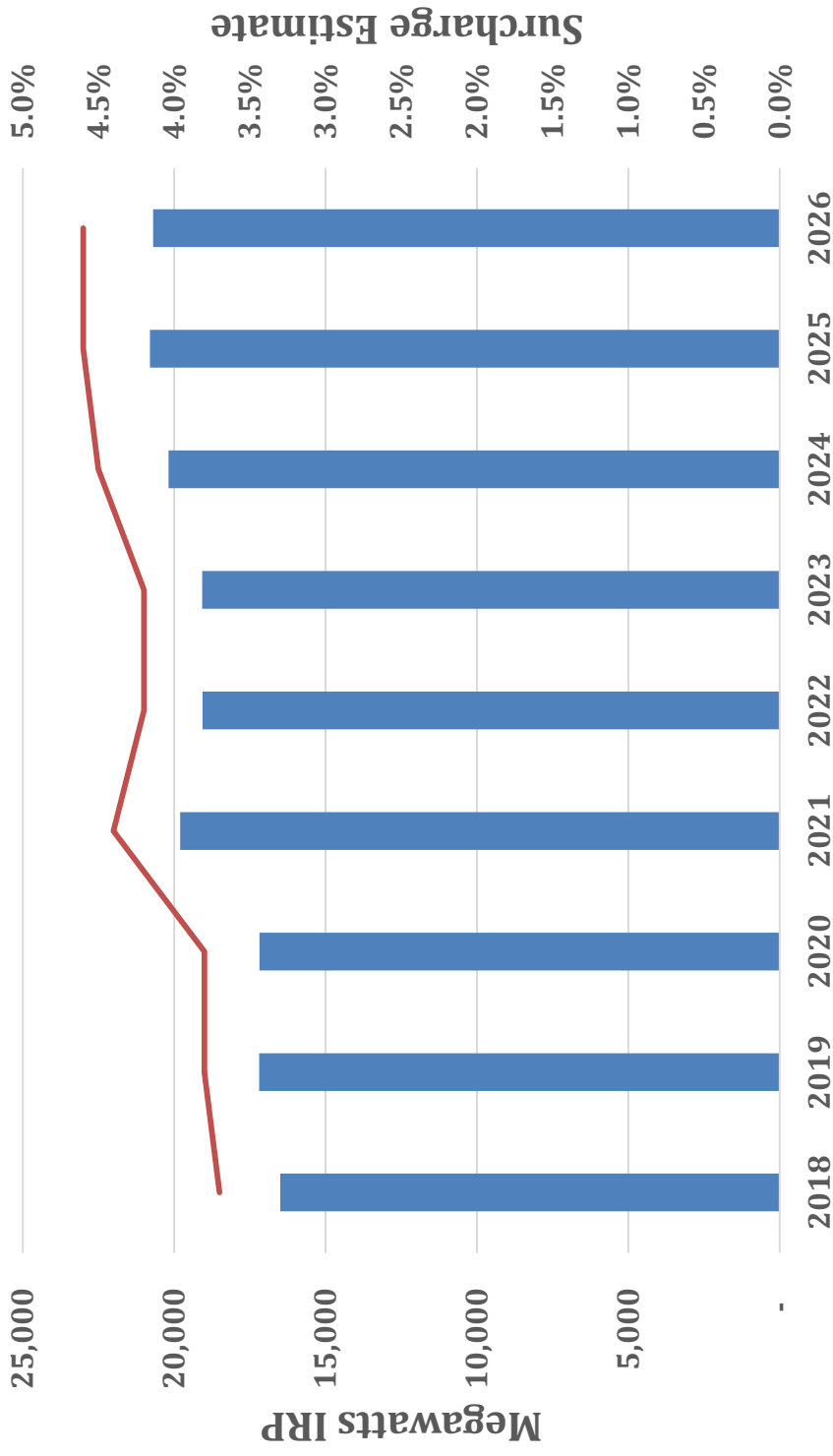


Category 1 - Residential



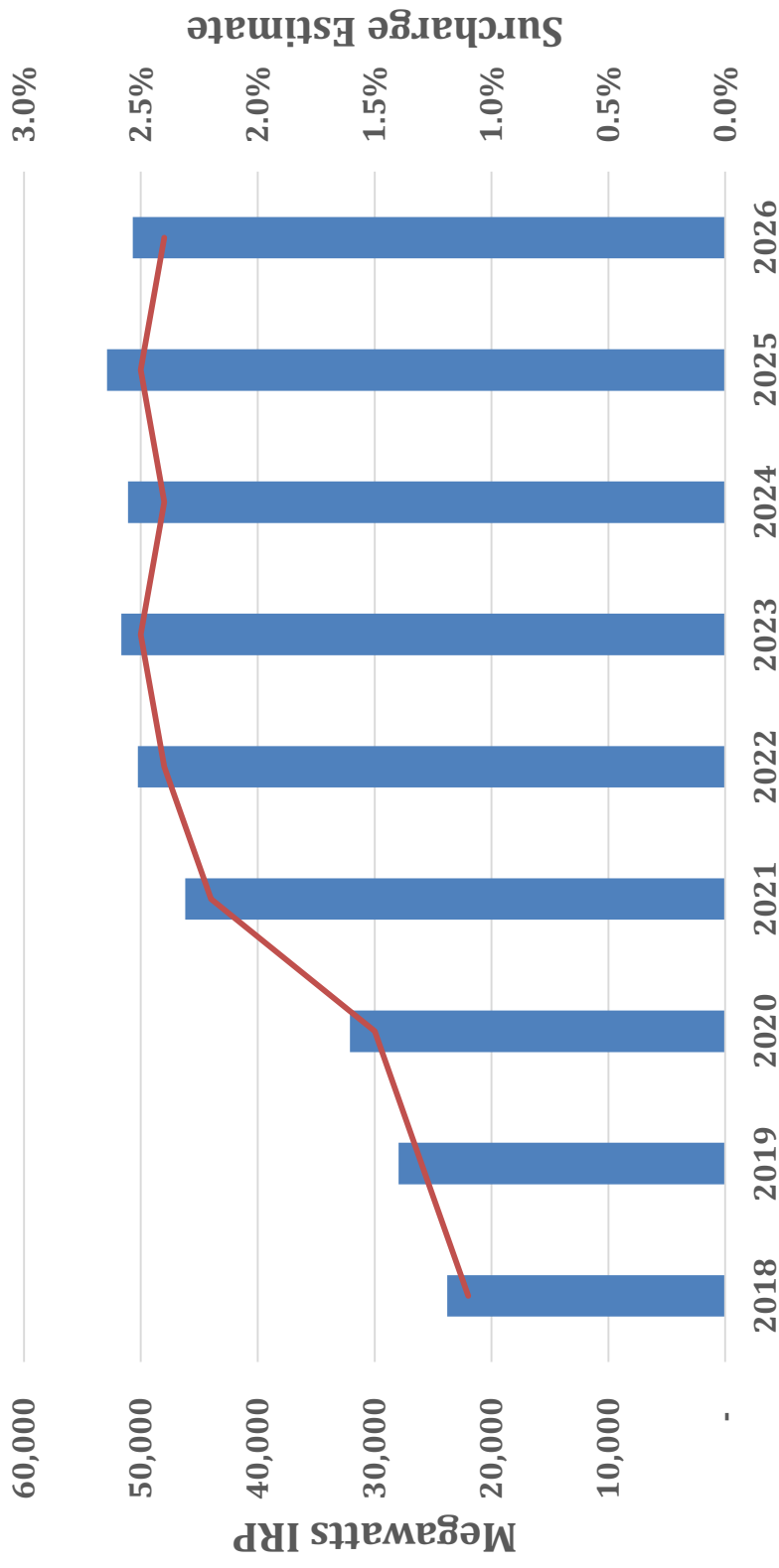
Assumptions: kwh cost of \$.16/kwh through 2019 and \$.25/kwh 2020 and after, no changes in sales revenue. Surcharge estimates are only to be used to convey rough estimates based on MW and assumptions.

Category 2 - Commercial



Assumptions: kwh cost of \$.32/kwh, no changes in sales revenue. Surcharge estimates are only to be used to convey rough estimates based on MW and assumptions.

Category 3 - Industrial



Assumptions: kwh cost of \$.20/kwh, no changes in sales revenue. Surcharge estimates are only to be used to convey rough estimates based on MW and assumptions.

Overview of DSM Programs

Residential Offerings

- Instant Incentives
 - Lighting, bulbs and fixtures
 - Kits
- Post Purchase Incentives
 - Appliances
 - Heating and Cooling
 - Water Heating
 - Weatherization
 - New Construction
- Low Income Offering



Home Energy Reports

Behavior program encouraging residential customers to use their energy more efficiently.

- Reports sent quarterly to program participants
- Program in Wyoming has been one of Opower's most successful program for percentage of savings per household

Last 3 Months Neighbor Comparison

You used **9% less** electricity than your efficient neighbors.



* kWh: A 100-Watt bulb burning for 10 hours uses 1 kilowatt-hour.

How you're doing:

▶ **GREAT** 😊
Good 😊
More than average

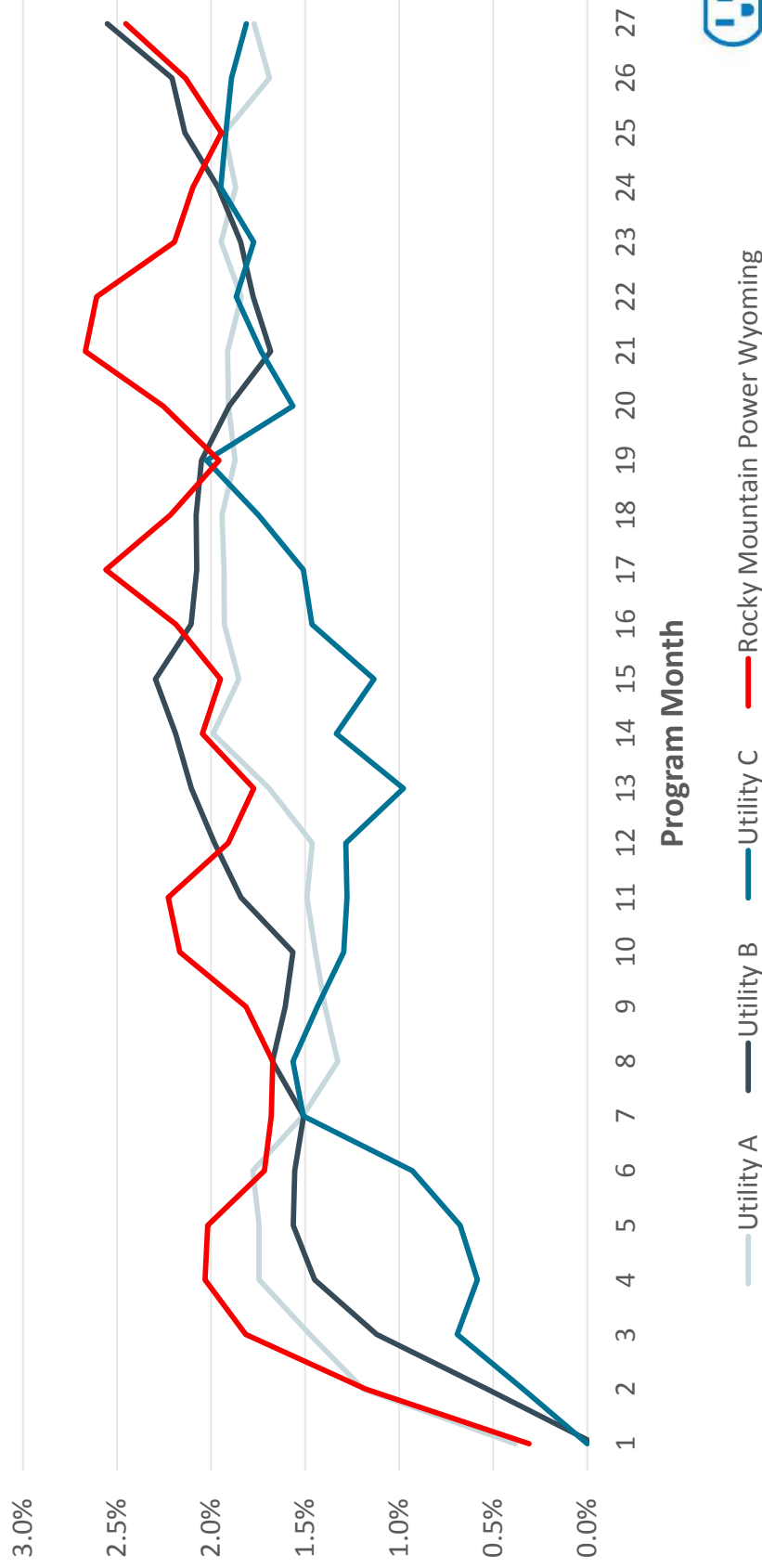
Who are your Neighbors?

■ **All Neighbors:** Approximately 100 occupied nearby homes that are similar in size to yours (avg 3,209 sq ft) and have gas heat

■ **Efficient Neighbors:** The most efficient 20 percent from the "All Neighbors" group

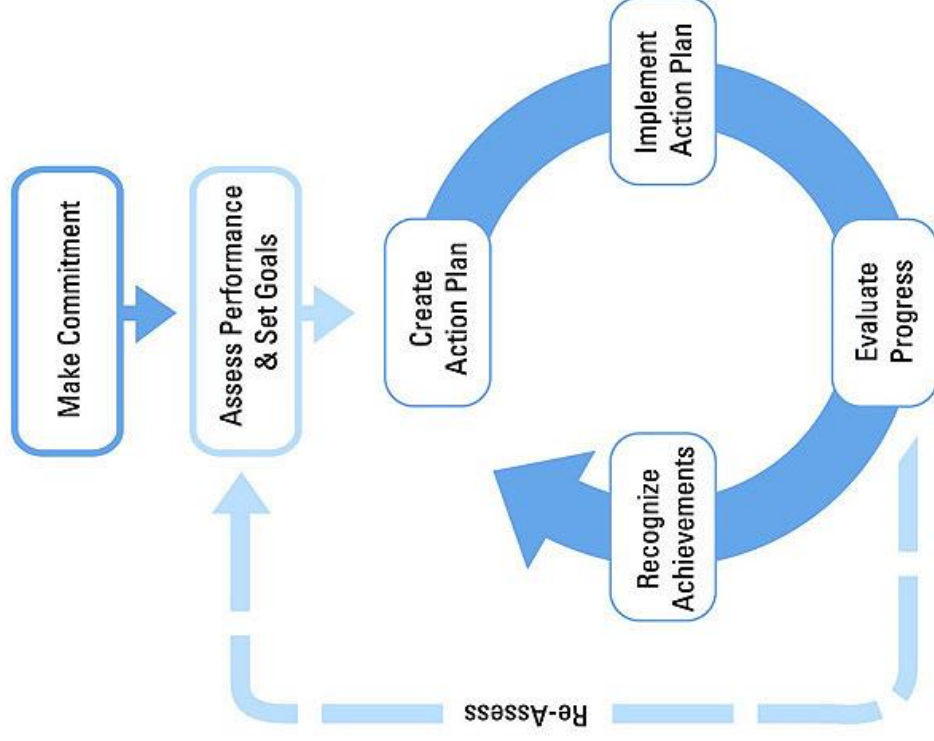
Wyoming's savings rate trends higher than comparable utilities

Savings Rates Across Opower's Midwestern Rural Utility Partners



wattsmart Business is...

- Custom Analysis
- Typical Incentives
- Energy Management
- Small Business Direct
- LED Instant Incentives
- Energy Project Manager Co-Funding



LED Lighting Trends

- Manufacturer Model Evolving
 - Going to regional manufacturing to avoid overseas lead times
 - Providing turn key direct sales
- $\pm 52\%$ of savings coming in from turn-key projects where manufacturers are engaged directly



LED Lighting Trends

- Distributor Model Evolving
 - Not stocking products due to speed of LED advancements
 - More involved with customer outreach to secure sales
 - Avoid customers going turn key
- $\pm 38\%$ of LED Savings coming in from Distributor led projects



Lighting Customer Example

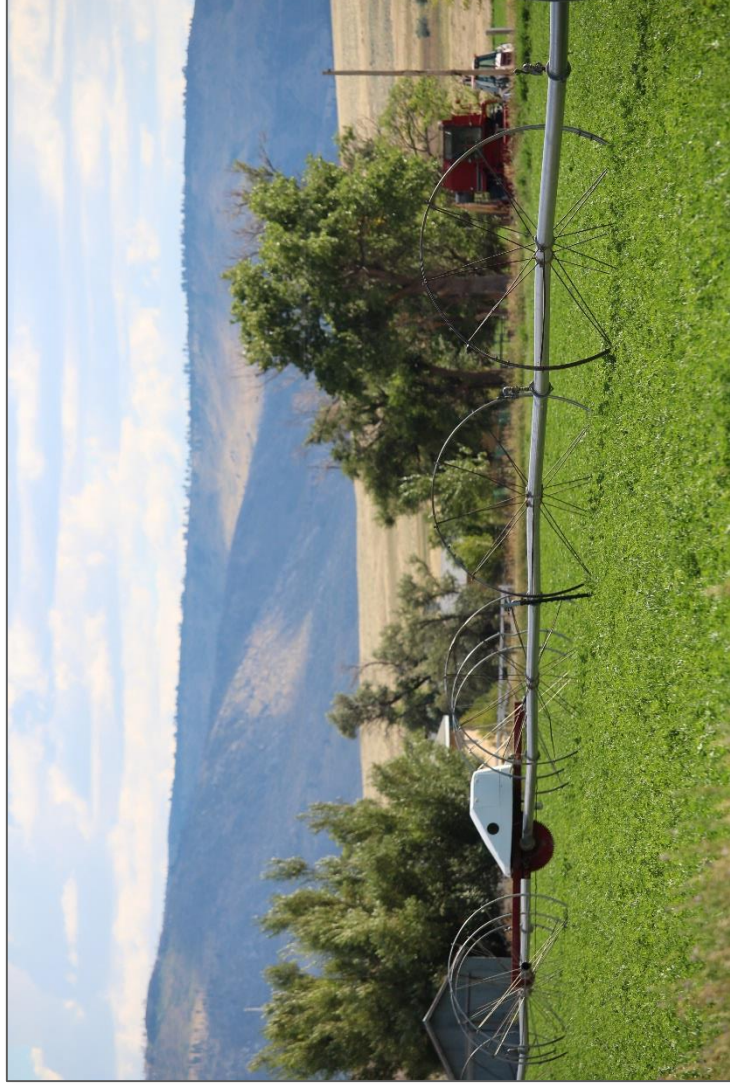
Historic museum

- Changed to LEDs
- More than:
 - 30,000 kWh saved annually
 - \$4,000 in annual energy bill savings



Market Trends

- Agricultural
 - Sprinkler replacement & pump VFDs



Ag Customer Example

Ranch

- Replace sprinklers on seven pivots and add Variable Frequency Drives to pump.
- More than:
 - 33,000 kWh saved annually
 - \$3,000 in annual energy bill savings
 - \$4,000 incentives



Market Trends

Industrial

- Increasing activity with compressed air trade allies
- Site scoping leads to custom projects
- Customer activity variance due to economy (invest vs. curtail)
- Many projects take 6-24 months



Market Trends

Industrial

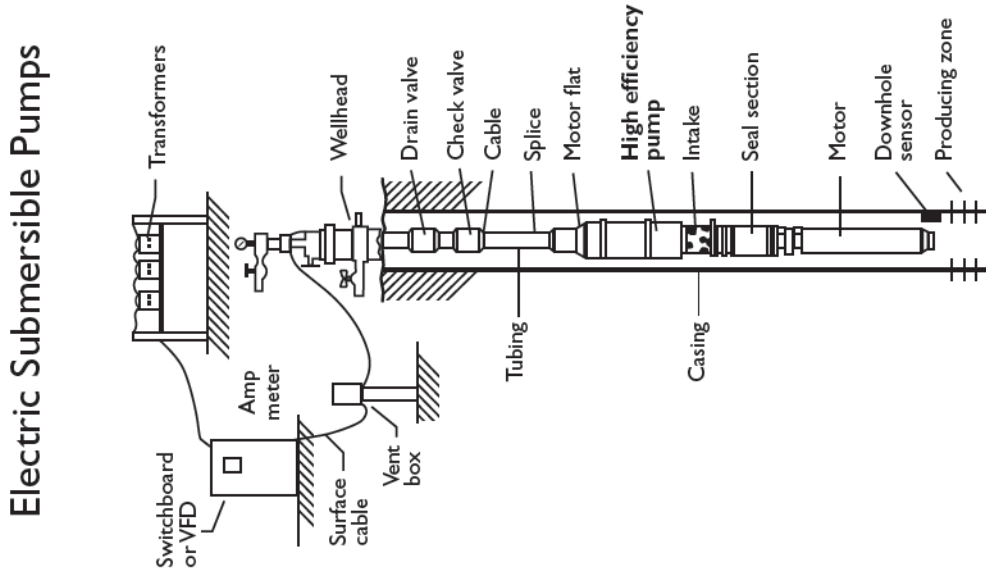
- Electric submersible pump (ESP) trade allies actively looking for opportunities
- Market moving from reactive to proactive replacement
- Market transformation is occurring



ESP Customer Example

Oil Producer

- Single electronic submersible pump upgrade
- More than:
 - 110,000 kWh saved annually
 - \$6,600 in annual energy bill savings
 - \$5,600 in incentives

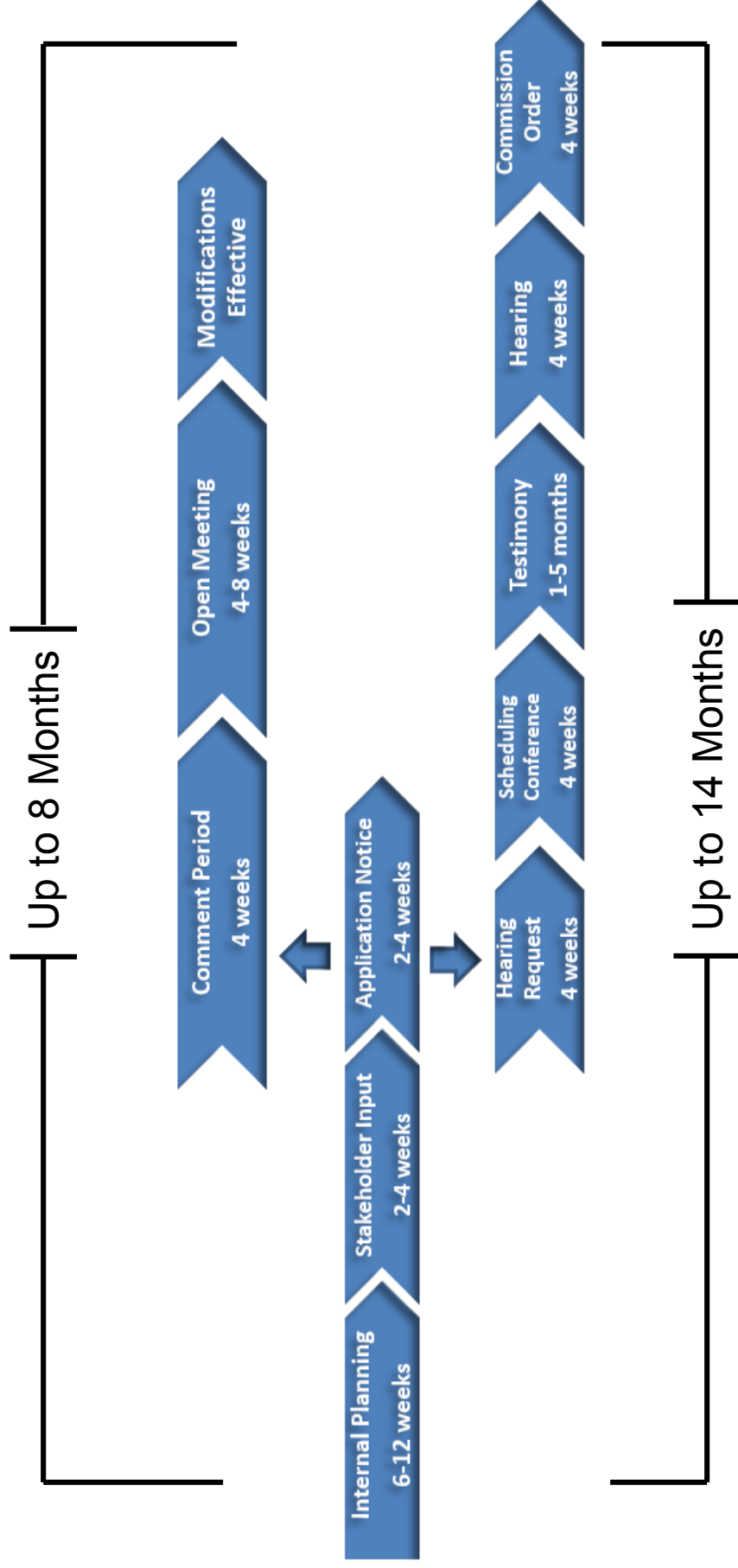


Regulatory Filings & Modification Process

Potential Reasons for Filings

- Changes to Program Tariffs
 - Add new technology (smart thermostats)
 - Add enhanced incentives to cater to underserved sectors (small business direct)
 - Remove outdated technology (CFLs)
 - Remove offerings with high cost and low savings (appliances)
 - Remove offerings with low participation (insulation)
 - Changes to federal standards (CEE and MEF specifications)
 - Changes to offering delivery channels (downstream post-purchase application vs. midstream point-of-purchase)
- Adjustments to Schedule 191 Tariff Rates
 - Over/Under collected balances
 - Alignment with kWh savings targets
 - Refund balances back to customers

Current Modification Process Timeframe



Application Examples

- Internal Planning
- Modifications to Schedule 140 wattsmart Business
 - July 29, 2016 - Application filed
 - Defined “up to” incentives
 - Reduced lighting incentives
 - Restructured small business offering
 - Revised qualifying HVAC specifications
 - Other updates
 - September 14, 2016 - Comments submitted
 - September 29, 2016 - Open Meeting held
 - November 1, 2016 - Modifications effective

5 Month Timeframe

Application Examples

- Internal Planning
- Modifications to Schedule 191 Rates
 - September 30, 2016 - Application filed
 - Increase Category 2 & 3 rates
 - November 7, 2016 – WIEC Request for Hearing
 - November 29, 2016 – Scheduling Conference
 - December 12, 2016 – Company Direct Testimony
 - January 17, 2017 – Intervenor Direct Testimony
 - February 21, 2017 – Rebuttal Testimony
 - February 23, 2017 – Pre-hearing documents
 - March 9, 2017 – Hearing
 - April 1, 2017 – Adjusted rates effective

8 Month Timeframe

Filing Examples

Filed	Matter Description	Docket No.
1/15/2016	Low Income Weatherization Application for Program Modifications	20000-488-ET-16
1/28/2016	Appliance Recycling Application to Cancel Program	20000-490-ET-16
2/5/2016	4th Quarter Promotional Materials 2015	20000-264-EA-06
2/5/2016	4th Quarter 2015 DSM Report	20000-383-EA-10
5/2/2016	1st Quarter Promotional Materials 2016	20000-264-EA-06
5/2/2016	1st Quarter 2016 DSM Report	20000-383-EA-10
5/31/2016	Notice of 2013-2014 Appliance Recycling Program Evaluation	20000-264-EA-06
7/29/2016	wattsmart Business Application for Program Modifications	20000-500-ET-16
8/3/2016	2nd Quarter Promotional Materials 2016	20000-264-EA-06
8/3/2016	2nd Quarter 2016 DSM Report	20000-383-EA-10
8/16/2016	2015 Annual DSM Report	20000-264-EA-06
9/30/2016	Sch. 191 Surcharge Adjustment for Cat 2 & 3 Application	20000-502-EA-16
11/11/2016	3rd Quarter Promotional Materials 2016	20000-264-EA-06
11/11/2016	3rd Quarter 2016 DSM Report	20000-383-EA-10
11/11/2016	Notice of 2013-2014 Home Energy Savings Program Evaluation	20000-264-EA-06
12/7/2016	2017 Communications Plan	20000-264-EA-06
1/31/2017	4th Quarter Promotional Materials 2016	20000-264-EA-06
1/31/2017	4th Quarter 2016 DSM Report	20000-383-EA-10
4/26/2017	Notice of 2014-2015 wattsmart Business Program Evaluation	20000-264-EA-06
5/2/2017	1st Quarter Promotional Materials 2017	20000-264-EA-06
5/2/2017	1st Quarter 2017 DSM Report	20000-383-EA-10
6/1/2017	2016 Annual DSM Report	20000-264-EA-06

Reports & Evaluations

Purpose of Reports & Evaluations

- Summarize results and status throughout the year.
- Provides transparency of activities including savings achieved, cost incurred and impact on Schedule 191 balancing account.
 - <http://www.pacificorp.com/es/dsm/wyoming.html>
- Confirms savings was achieved (ex-post).

Quarterly Reports

- Shows activity at program, sector level including savings achieved and cost incurred.
- Provides summary by Categories of Schedule 191 balancing account
- Walk through of Quarterly Report

Annual Reports

- Addresses the Performance of Wyoming Demand-side Management for the last program year
 - Filed by 2nd Quarter
 - Savings have been reconciled and reported using planned unit energy savings assumptions (ex-ante)
 - Expenditures have been reconciled and balanced
- Information within Report
 - Achieved savings at state, sector, program and category levels
 - Expenditures invested to achieve claimed savings
 - Benefit to Cost calculations
 - Regulatory and Program summary of what took place
 - Schedule 191 summary by categories
- Walk through of Annual Report

Evaluations (aka EM&V)

- Process and impact evaluations includes the performance of studies and activities aimed at determining the effects of a program.
 - Process evaluations assess the delivery to identify bottlenecks, constraints or potential improvements.
 - Impact evaluations determine retrospective kWh impact and benefits that are attributable to a program.
 - Information obtained will be used to inform future potential assessments and conservation planning, forecasts and targets.
- Information within Report
 - Identifies Key Impact and Process Findings
 - Calculates the Net-to-Gross ratio (freeridership and spillover)
 - Determines the Evaluated Gross and Net Savings (ex-post)
 - Provides the Benefit to Cost ratio from evaluated savings
 - Summarizes recommendations from results

Evaluations (aka EM&V) cont.

- EM&V tasks are segregated within Company to ensure they are performed by personnel neutral to achieving the savings.
- Walk through of Annual Report

Brainstorm for Plan Development

- Based on the discussion what are your recommendations for the 2 year plan?
- What are your priorities that you want us to consider? (rate certainty, transparency, rate reductions, ability to manage to plan, reporting, etc.)
- Should the IRP selections be the basis for the savings targets in the plan?
- Suggestions for reporting requirements as part of plan?
- Any considerations due to economy?
- Any other suggestions or concerns to be considered?

Your Input Will Guide What and How We Develop
the Draft Plan



NEXT STEPS

- ☐ Compile and send out meeting notes
- ☐ Develop draft 2-year Plan
- ☐ Send out draft for review and comment
- ☐ Hold 2nd Collaborative Meeting to discuss updated 2-year Plan and remaining issues



Thank you!



Exhibit B

Wyoming Collaborative

June 8, 2017



wattsmart

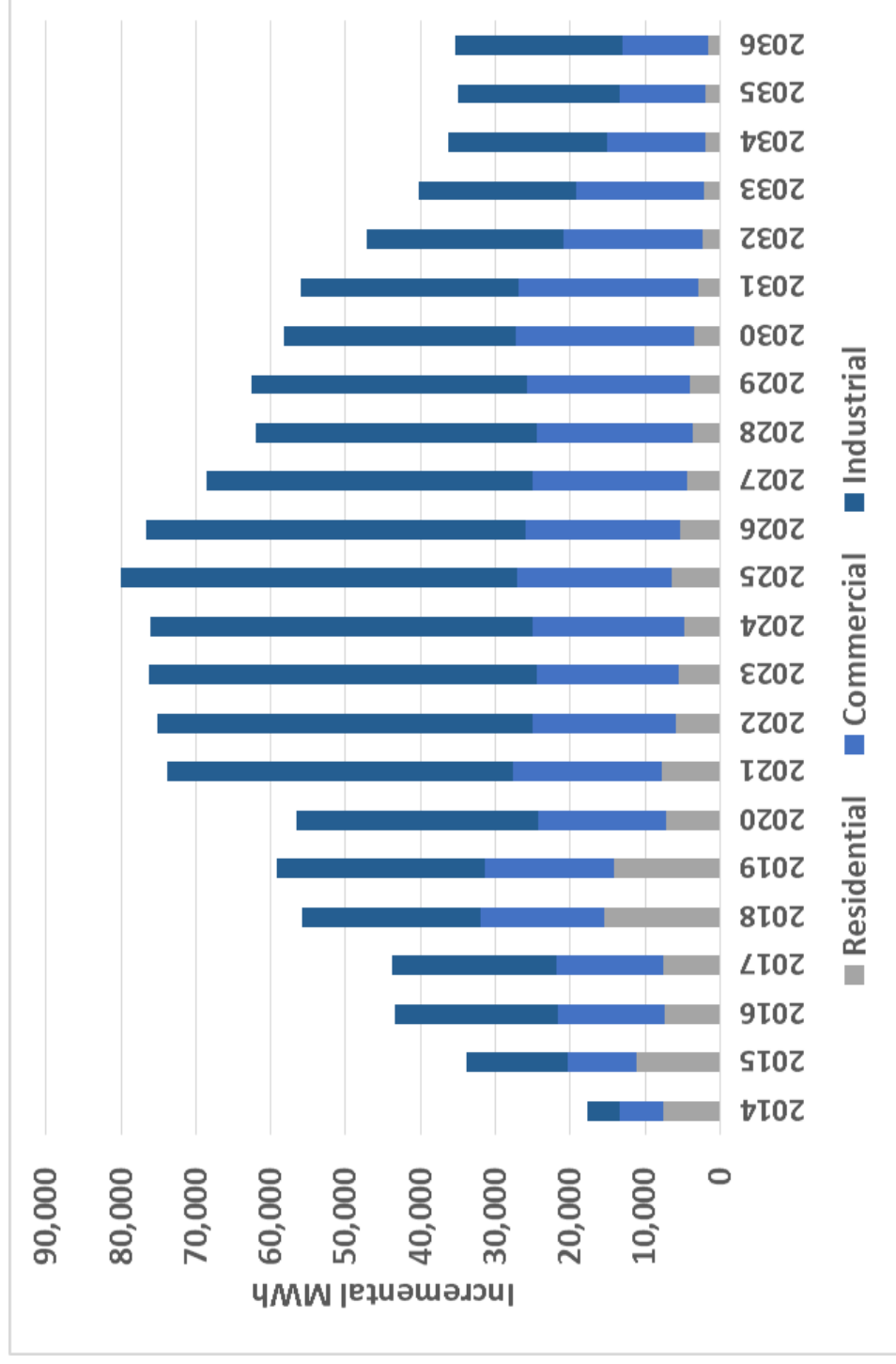


Let's turn the answers on.

Today's Agenda

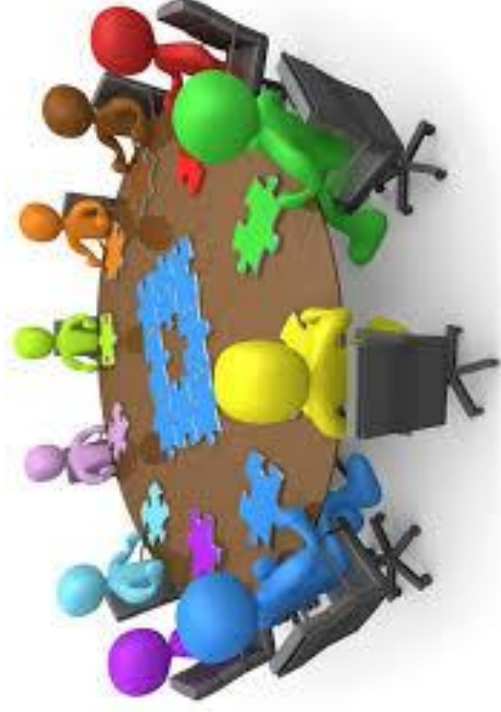
1. Introductions
2. May 11, 2017 Meeting Notes Review
3. IRP assumptions, 2020-2021 impacts
4. 2-Year DSM Plan, Tariff, Concepts Discussion
5. Surcharge Analysis
6. DSM Capitalization
7. Stakeholder Suggestions for Plan
8. Next Steps

2017 IRP Assumptions



2018-2019 DSM Plan

- 2-Year DSM Plan discussion and stakeholder feedback
- Plan Concepts and Tariff Review



Surcharge Analysis

Assumptions

- The following assumptions were used:
 - Program expenditures taken from cost of delivering 2017 expected savings and 2018-2019 planning targets.
 - Revenue forecast updated every year in late summer. For this purpose, revenue forecast used the 2016 customer usage data for both 2018 and 2019.
 - Deposit Rate used in 2017 is held constant through 2019.
 - Estimates are not final.
 - Actual costs, forecasts and estimated surcharge rate by Category will be updated through most current date available for filing.

Challenges

Items that make forecasting DSM Surcharges challenging:

- Customer participation in programs;
- Customer energy usage;
- Economic influences;
- Negotiations of contracts for program delivery and support; and
- Consider true-up of results on an annual basis

Surcharge Rate Summary

	Category 1	Category 2	Category 3
Effective Jul 1, 2010	1.87%	0.90%	0.43%
Effective Jan 1, 2011	Suspended	Suspended	Suspended
Effective Feb 2, 2012		0.90%	
Effective Mar 1, 2012	1.44%		0.40%
Effective Jun 1, 2013		2.20%	
Effective Feb 1, 2015		1.1% and	
		one time credit of \$1.3m	
Effective Apr 1, 2017		2.59%	0.79%
Effective Jan 1, 2018	Estimate 1.3%	Estimate 3.65%	Estimate 1.98%

Category surcharge may fluctuate with each new 2-year business plan.

DSM Capitalization

Current Wyoming DSM Programs

The diagram illustrates the relationship between DSM Surcharge Collections and DSM Program Costs. It features a green box on the left labeled "DSM Surcharge Collections", a blue box on the right labeled "DSM Program Costs", and a blue minus sign between them. Below the boxes is a blue equals sign followed by a large blue zero, indicating that the collections equal the costs, resulting in a zero balance.

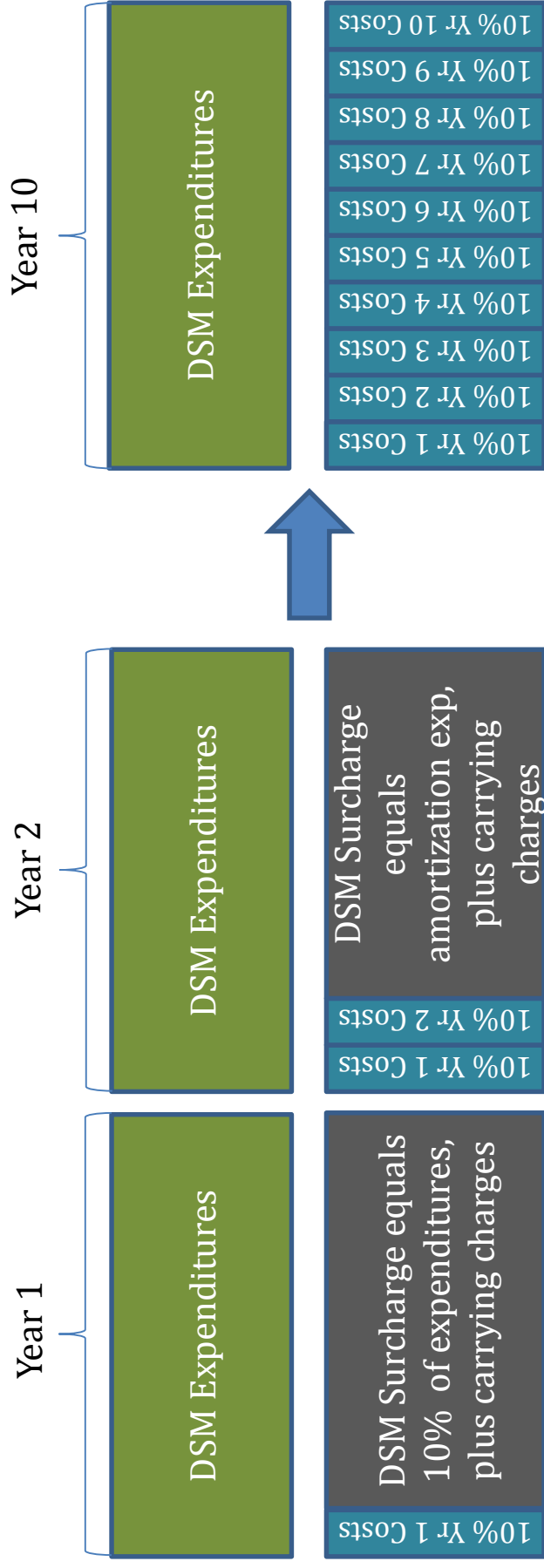
$$\text{DSM Surcharge Collections} - \text{DSM Program Costs} = 0$$

- Differences between DSM surcharge collections and program costs are tracked in a DSM balancing account
- Objective of surcharge rate adjustments is to manage DSM balancing account to zero
- A rate review process adjusts surcharge rates by considering planned DSM costs, expected retail sales volumes, and existing balancing account amounts
- DSM costs are paid in the current year, even though the programs benefit in multiple years

DSM Capitalization

- DSM expenditures are capitalized, and amortized over a ten year period
- Unamortized Balance is included on the Company's books as a regulatory asset
- DSM collections from customers set to equal projected amortization expense, plus a carrying charge at the Company's pre-tax return authorized by the Wyoming Commission

DSM Amortization Illustration*



*For simplicity, illustration assumes levelized spend and collection/spend parity over the 10 year period

DSM Capitalization Impacts

- Because DSM is amortized over 10 years, rates will be more predictable
 - Year to year DSM spending changes will have less of an impact
 - There will be annual changes to reflect new amortizations
- Costs will be better aligned with the benefits of the DSM programs
- Customer rates would be lower in the early years

NEXT STEPS

- ☐ Stakeholders send any comments/suggestions within the next week
- ☐ Company to provide updated draft 2-Year Plan and application materials to stakeholders
- ☐ Other based on today's discussion?



Thank you!



Exhibit C



Wyoming
Demand-Side Management
2018-2020 Plan

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2018-2020 Forecast Savings and Budgets	4
Residential (Category 1)	5
Non-Residential (Categories 2 & 3)	10

Executive Summary

The purpose of this Plan is to create transparency, rate stability and certainty, for DSM acquisition levels, budgets, market shifts, and customer participation levels.

Wyoming's Demand-Side Management ("DSM") plan outlines kWh savings targets and budget estimates for years 2018 and 2020 (the "Plan"). The targets reflect Rocky Mountain Power's (the "Company") best estimates based on the available information at the time of the plan development. The Company will continually monitor program kWh savings and budgets and will add, remove and/or modify program offerings, initiatives or specific projects described in this plan in order to manage within kWh savings and budget targets. In the event circumstances arise that would lead to expenditures exceeding 10% of the total Plan budget, such as higher customer participation resulting in increased program costs, then the Company will engage with stakeholders to discuss impacts and the potential need to file Plan modifications with the Commission.

The DSM portfolio is made up of diverse delivery channels that have unique characteristics, such as complexity, lead times, flexibility, customer segments, and cost. A balance between the unique characteristics are taken into consideration while designing and implementing DSM offerings to achieve program portfolio objectives and manage budgets. All delivery channels will be monitored to identify opportunities for continual improvements, including new offerings, retirement of measures, kWh savings, costs, and streamlining customer participation.

2018-2020 Forecast Savings and Budgets

The kWh estimates for the Plan period were guided by the 2017 Integrated Resource Plan (IRP) selections and stakeholder input. The table below provides the planning estimates for kWh savings and expenditures by category after taking into consideration historical and expected future customer participation.

Wyoming 2018-2020 DSM Targets

Category	1 st Year MWH Savings at Gen				DSM Budget			
	2018	2019	2020	Total	2018	2019	2020	Total
Cat 1	11,890	11,840	7,840	31,570	\$ 1,732,895	\$ 1,992,948	\$ 1,198,944	\$ 4,924,787
Cat 2	14,700	15,412	15,412	45,524	\$ 3,855,187	\$ 4,029,891	\$ 4,171,590	\$ 12,056,667
Cat 3	28,100	32,000	32,000	92,100	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 18,000,000
Total	54,690	59,252	55,252	169,194	\$ 11,588,082	\$ 12,022,839	\$ 11,370,534	\$ 34,981,454

The IRP plays critical a role in shaping the current and potential future of DSM in Wyoming. The Company's biennial IRP and associated action plan provides the foundation for DSM acquisition targets in each state the Company serves, by identifying cost-effective DSM as compared to supply-side resource alternatives. This Plan utilized IRP targets and stakeholder input as the baseline for development of the forecast savings.

Residential (Category 1)

The Company's residential delivery is made up of the *wattsmart* Homes, Low Income Weatherization, and Home Energy Reports programs, which include rebates and buy-downs for residential energy efficiency offerings. The residential portfolio maximizes the utilization of residential customers' energy consumption through education and incentives for energy efficient offerings used in their homes. The residential programs provide a broad framework for more efficient products and services for low income residential customers, and residential customers with an existing single family home, multi-family unit, or manufactured home. Third party contractors administer the program offerings. Delivery channels are provided in four main ways: 1) upstream through manufacturer buy-downs; 2) post-purchase applications; 3) mid-market through retailers, dealers, distributors, or trade allies; and 4) direct to customer.

The 2017 IRP selected a mix of residential lighting and non-lighting measures, with more value being identified for measures that provide both energy savings and peak usage reductions. The program will look for opportunities to achieve targets by balancing the mix of offerings to align with cost-effectiveness and comprehensiveness of offerings for customers. LED lighting technology is rapidly evolving, making it challenging to keep up with appropriate incentive levels. Lighting incentives will be continually monitored and updated to ensure the appropriate levels for incentives. The past few years, residential energy efficiency savings have been flat or declining and have not kept up with IRP selections due to lower participation from residential customers. The Company will continually evaluate and adjust the delivery offerings and incentives to optimize customer participation, cost-effectiveness, and management to budget.

The tables below provide residential energy efficiency offerings currently under consideration in support managing to targets. Specific guidelines for each incentive table are maintained on the Company website. These guidelines include, but are not limited to, specific participation, technology, and project eligibility, and term definitions.

Table 1 – Residential Lighting Incentives

Offering	Equipment Type	Minimum Efficiency Requirement	Customer/Mid-Market Incentive "up to"
LED	LED General Purpose	ENERGY STAR Qualified	\$1.50/lamp
	LED Specialty	ENERGY STAR Qualified	\$2/lamp
	LED Fixtures	ENERGY STAR Qualified	\$7/fixture

Table 2 – Residential Appliance Incentives

Equipment Type	Sub-Category	Minimum Efficiency Requirement	Customer/Mid-Market Incentive “up to”
Clothes Washer	--	CEE Tier 2 and above	\$50
Refrigerator	--	CEE Tier 2 and above ≥ 7.75 cubic ft.	\$50
Room Air Conditioner	--	ENERGY STAR Qualified	\$20
Freezer	--	ENERGY STAR Qualified	\$20
Heat Pump Water Heater	Non-Self Install	AWS Tier 1 < 55 gallons	\$575
		AWS Tier 2 < 55 gallons	\$700
		AWS Tier 3 < 55 gallons	\$800
	Self-Install	AWS Tier 1 < 55 gallons	\$400
		AWS Tier 2 < 55 gallons	\$550
		AWS Tier 3 < 55 gallons	\$650
Low Flow Showerhead	Mail by Request	Flow Rate ≤ 2.0 GPM	\$31
Low Flow Aerator		Flow Rate ≤ 1.5 GPM	\$5
Advanced Power Strip	Load Sensing	--	\$10
	Occupancy Sensing		\$32
	Infrared Sensing		\$32

Table 3 – Residential Building Envelope Incentives

Offering	Sub-Category	Minimum Efficiency Requirement	Customer/Mid-Market Incentive “up to”
Windows	Electric Heat	U-Factor of ≤ 0.30	\$1.00/square foot

Table 4 – Residential HVAC Incentives

Offering	Sub-Category			Minimum Efficiency Requirement	Customer/Mid-Market Incentive “up to”
Gas Furnace	New Gas Furnace with ECM			$\geq 95\%$ AFUE	\$175
	ECM on Existing Furnace			--	\$150
Evaporative Cooler	Tier 1			2,000 – 3,499 CFM	\$100
	Tier 2			$\geq 3,500$ CFM	\$250
Central Air Conditioner	Best Practice Install and Proper Sizing			≥ 15 SEER	\$125
Heat Pump	Upgrade			≥ 9.0 HSPF, ≥ 15 SEER	\$550
	Conversion			≥ 9.0 HSPF, ≥ 15 SEER	\$1,500
	Best practice installation and sizing			--	\$400
	Single-Family	Ductless	Single/Multi-Head	≥ 9.5 HSPF, ≥ 16 SEER	\$1,300
	Multi-Family	Ductless	Single/Multi-Head	≥ 9.5 HSPF, ≥ 16 SEER	\$800
Duct Sealing (Electrically heated homes only)	Without Insulation		Single Family	--	\$800
			Multi-Family		\$400
	With Insulation		Single Family	$R_{\text{initial}} \leq R-2$ $R_{\text{final}} \geq R-8$	\$400
			Multi-Family		\$200
Smart Thermostat	Electric Heat			Wi-Fi enabled, programmable, online dashboard and/or mobile device app, with occupancy sensor enabled.	\$150

Table 5 – Residential New Construction Incentives

Measure Type	Minimum Efficiency Requirement	Home Type	Sub-Category	Customer/Mid-Market Incentive “up to”
New Homes Whole Home Performance Path	The home’s performance will be modeled and verified by an independent third-party and the models will be delivered to the program for final savings and incentives calculations.	Electrically Heated	Ducted Heat Pump	\$400
			Ductless Heat Pump	\$1000
		Electrically Cooled	Gas Furnace	\$200
New Homes Lighting	A minimum of 80% of installed lighting is high efficacy technology	Electrically Heated or Electrically Cooled	--	\$100

Table 6 – Residential Insulation Incentives

Offering	Sub-Category		Equipment Type	Minimum Efficiency Requirement	Customer/Mid-Market Incentive “up to”
Insulation	Residences with Electric Heat		Attic/Ceiling Insulation	Existing R-20 or less, final R-49 or greater	\$0.50/square foot
			Wall Insulation	Existing R-10 or less, final R-13 or greater or fill cavity	\$0.75/square foot
			Floor Insulation	Existing R-18 or less, Final R-30 or greater or fill cavity	\$0.50/square foot
	Residences with Electric Cooling	Single Family & Multi-Family	Attic/Ceiling Insulation	Existing R-20 or less, final R-49 or greater	\$0.10/square foot
		Single Family	Wall Insulation	Existing R-10 or less, final R-13 or fill cavity	\$0.15/square foot
		Multi-Family			\$0.08/square foot

Table 7a – Low Income Weatherization Financial Assistance

Measure Type	Requirements	Dwelling Units	Maximum Incentive “up to”
Administrative Payment	1. Company will reimburse Agency up to 50% of the installed cost of all major measures and supplemental measures installed. These reimbursements will be calculated after property owner contributions are deducted. Financial assistance will be provided one time only on any individual major or supplemental measure, and up to two times per dwelling.	1 to 4	\$350
		5 to 10	\$800
		11 to 15	\$1200
		16 to 20	\$1400
		21 to 25	\$1600
	2. Company will reimburse Agency for administrative costs based on 10% of the Company’s rebate on installed measures.	26 to 30	\$1800
		31+	\$2100

Table 7b – Low Income Weatherization Measures

Measure Category	Measure Type	Sub-Category	Requirements
Major	Ceiling Insulation	Electrically Heated Homes	Up to R-48 for ceilings with less than R-30 in place. R-30 or better in attics will not be further insulated
	Floor Insulation		Floor insulation over unheated spaces up to R-30
	Wall Insulation		Up to R-26 for walls with no insulation installed
Supplemental	Windows		Low E vinyl replacement with U-value of 0.30 or lower
	Attic Ventilation		Excludes power ventilators, whole house mechanical ventilation, and spot ventilation for kitchen and baths
	Ground Cover		Must be installed with floor insulation; other vapor barrier materials as required when installed with floor or ceiling insulation
	Duct Insulation & Sealing		Forced air electric space heating in unheated spaces
	Weather Stripping and/or Caulking		Includes blower door assisted air sealing and duct sealing
	Thermal Doors		---
	Timed Thermostats		Centrally controlled multi-room heating/cooling systems except when used with heat pumps and smart thermostats with occupancy sensors. Heat anticipating type thermostats for zonal electric resistance heating systems. Zonal thermostats must be separate from the heating unit and must be calibrated per the manufacturer's specifications.
	Showerheads, Aerators, & Pipe Insulation	No Electric Heating System Requirement	Electric water heaters must be present
	LEDs & LED Fixtures		Must be installed in fixtures that are on 2 hours or more per day
	Refrigerators		Refrigerators with monitored results or listed in the Weatherization Assistance Program Technical Assistance Center database with a savings-to-investment ratio of 1.0 or greater may be replaced with an ENERGY STAR model. Replaced refrigerators must be removed and recycled in accordance with EPA guidelines.
	Window Air Conditioner		Replacement of inefficient window air conditioning units eligible when audit results determine this to be cost-effective. Existing units must have been operated during the past 12 months. Replacements must be ENERGY STAR rated.

Non-Residential (Categories 2 & 3)

The Company's non-residential offerings are made up of the *wattsmart* Business program, which includes incentives and energy analysis services for commercial, industrial, and agricultural customers' retrofit, new construction, and major renovation projects. The program provides a broad framework of efficiency options for all business customers. The small and mid-market offerings are primarily delivered through the Trade Ally network and small business direct install. The large commercial and industrial program offerings include investment-grade energy analysis, energy project manager co-funding, and incentives or bill credits.

The primary method of achieving cost-effective savings is a hybrid of in-house delivery by a focused project management team for large customers combined with the outsourcing of small and mid-market customers' projects to specialized contractors. The program will look for opportunities by balancing the mix of offerings to align with cost-effectiveness, comprehensiveness of offerings, and simplifying customer participation. The Company will continually evaluate and adjust the delivery offerings and incentives to optimize customer participation, cost-effectiveness, and management to budget.

Wyoming customers have been turning to energy efficiency more than ever before to help their businesses be more competitive. Many oil and gas companies in Wyoming are investing in energy efficiency because they want to reduce their operating costs and keep their fields producing. These customers have actively reached out to the Company for help in identifying their most energy intensive pumps and proactively worked to reduce energy and maintenance costs. Customers have also been worried about keeping production running in the increasingly cost competitive environment. In several cases, businesses have contacted the Company for assistance in lowering their operating costs. Energy efficiency incentives have successfully bridged the economic gap to help customers lower operational costs, keeping their businesses viable in the marketplace.

Energy managers have also been able to retain employment during lay off periods due to the Energy Project Manager Co-funding offered by the *wattsmart* Business program, which provides up to the full salary of a customer employee if documented energy savings are achieved through the DSM program.

LED lighting technology is rapidly evolving, making it challenging to keep up with appropriate incentive levels. Lighting incentives will be continually monitored and updated to ensure the appropriate levels for incentives during the Plan period. In 2016, LEDs made up 96 percent of lighting savings that came into the *wattsmart* Business program, and 99 percent of lighting savings in the first quarter of 2017. Of those savings, 20 percent were from lamp change-outs, with the remainder coming from various types of fixture retrofits. For 2018-2019, the *wattsmart* Business program will offer a new structure of lighting incentives allowing the program to evolve incentives with the LED market and move away from primarily incenting bulb and fixture replacements, placing more emphasis on lighting controls. Common replacement bulbs, which have made up 20 percent of the lighting savings over the last year, will transition over time to be incented at the commercial lighting distributor point of purchase, rather than custom lighting project calculations provided by lighting contractors. Lighting contractors will be incented to evolve project installations to include lighting controls previously unavailable prior to the mainstream acceptance of LED technology. This transition is expected to increase cost-effectiveness by incenting lighting projects with higher levels of efficiency.

The tables below provide non-residential energy efficiency offerings currently under consideration in support of managing to targets and budgets. The tables below provide residential energy efficiency offerings currently under consideration in support of the Plan. Specific guidelines for each incentive table are maintained on the Company website. These guidelines include, but are not limited to, specific participation, technology, and project eligibility, and term definitions.

Table 8 – Non-Residential Incentive Categories

Category	Customer Incentive “up to”	Percent Project Cost Cap	1-Year Simple Payback Cap for Projects	Other Limitations
Enhanced Incentives for Small Businesses	Determined by Company with not-to-exceed amounts as shown in Table 12	80%	No	Available to all schedule 25 customers & schedule 28 customers with annual usage less than 130,000 kWh at an individual meter. Qualifying equipment must be installed by an approved trade ally.
Custom incentives for qualifying measures not on the prescriptive list.	\$0.15 per annual kWh savings + \$50 per average monthly kW reduction	70%	Yes	N/A
Energy Management	\$0.02 per kWh annual savings	N/A	No	N/A
Energy Project Manager Co-Funding	\$0.025 per kWh annual savings	100% of salary and eligible overhead	No	Minimum 1,000,000 kWh through qualified measures
Bill Credit	80% of eligible project costs	80%	No	Customers with minimum 1 MW peak or annual usage of 5,000,000 kWh

Table 9 – Non-Residential Lighting System Retrofits

Measure	Category	Eligibility Requirements		Offered Incentive “up to”	Maximum Incentive “up to”
Lighting System Retrofits	Interior Lighting	Full Fixture Replacement	Advanced Controls	\$0.15/kWh	\$0.20/kWh
			Basic Controls	\$0.12/kWh	
			Without Controls	\$0.10/kWh	
		Fixture Retrofit Kits	With Controls	\$0.10/kWh	
			Without Controls	\$0.08/kWh	
	Exterior Lighting	Full Fixture Replacement	Advanced Dimming Controls	\$0.08/kWh	\$0.15/kWh
			Without Controls	\$0.05/kWh	
		Fixture Retrofit Kits	Advanced Dimming Controls	\$0.07/kWh	
			Without Controls	\$0.04/kWh	
		Street Lighting	Advanced Dimming Controls	\$0.07/kWh	
			Without Controls	\$0.04/kWh	

**Table 10 – Non-Residential Non-General Illuminance Incentives
(Retrofit Only)**

Measure	Category	Eligibility Requirements	Customer Incentive “up to”
Non- General Illuminance	Exit Sign	LED or photoluminescent replacing existing incandescent or fluorescent	\$15/Sign
	LED Message Center Sign	LED replacing existing incandescent signage	\$5/Lamp
	LED Channel Letter Sign	LED replacing existing neon or fluorescent signage	\$5/Linear Foot
	LED Marquee/ Cabinet Sign	LED replacing existing fluorescent signage	\$5/Linear Foot
	LED Case Lighting – Reach-in Case	LED replacing fluorescent lamp in refrigerated cases. LED must be listed on qualified equipment list	\$10/linear foot
	LED Case Lighting – Open Case		\$10/linear foot
	Refrigerated Case Occupancy	Installed in existing refrigerated case with LED lighting	\$1/linear foot
Custom	Custom	Not listed above	\$0.15/kWh annual energy savings

Table 11 – Non-Residential New Construction/Major Renovation Lighting Incentives

Measure	Category	Eligibility Requirements	Customer Incentive “up to”
Interior Lighting	Lighting and Lighting Control	1. This program uses the IECC as the baseline for New Construction and Major Renovation projects. See the Company website for the version of the IECC in use by the program. 2. The total connected interior lighting power for New Construction/Major Renovation projects included in the IECC must be at least 10% lower than the interior lighting power allowance calculated under the applicable version of the IECC. For New Construction/ Major Renovation projects not included in the IECC, the total connected lighting power must be at least 10% lower than common practice as determined by the Company. 3. Energy savings are subject to approval by the Company.	\$0.08/kWh annual energy saved
Exterior Lighting	Induction Fixture	All wattages, New fixtures only.	\$75/Fixture
	LED Outdoor Pole/Roadway, decorative	<75W; LED must be listed on qualified equipment list.	\$75/fixture
	LED Outdoor Pole/Roadway	≤200W; LED must be listed on qualified equipment list.	\$100/fixture
		>200W; LED must be listed on qualified equipment list.	\$400/fixture
	LED Canopy/Soffit	LED must be listed on qualified equipment list.	\$125/fixture
	LED Wall Pack	<50 Watts; LED must be listed on qualified equipment list.	\$50/fixture
		≥50 Watts; LED must be listed on qualified equipment list.	\$75/fixture
	LED Flood Lights	<100 Watts; LED must be listed on qualified equipment list.	\$75/fixture
		≥100 Watts; LED must be listed on qualified equipment list.	\$150/fixture
	CFL Wall Pack	All Wattages, Hardwire Fixtures Only.	\$30/Fixture
	Custom LED	Listed LED equipment not indicated above; baseline determined by Company. LED must be listed on qualified equipment list.	\$0.08/kWh annual energy savings
	Exterior Dimming Control	Must control LED technology in an exterior lighting application. Control must be integral to LED fixture or fixture-mounted and reduce fixture power by 75% or more for a minimum of 6 hrs per night or when the space has been unoccupied for 15 minutes or less.	\$0.34/Watt controlled

Table 12 – Non-Residential Motor Incentives

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive “up to”
Electronically Commutated Motor	≤ 1 horsepower	Refrigeration application	--	\$0.50/watt
		HVAC application	--	\$50/horsepower
Variable-Frequency Drives (HVAC fans and pumps)	≤ 100 horsepower	HVAC fans and pumps	See Note 2	\$65/horsepower
Green Motor Rewinds	≥ 15 and ≤ 5,000 hp	--	Must meet GMPG Standards	\$1/horsepower

Table 13 – Non-Residential HVAC Equipment Incentives

Equipment Type	Category	Minimum Efficiency Requirements	Customer Incentive “up to”
Unitary Commercial Air Conditioners	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Evaporatively Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
Packaged Terminal Air Conditioners (PTAC)	$\leq 8,000$ Btu/hr	12.2 EER	\$25/ton
	$> 8,000$ Btu/hr and $< 10,500$ Btu/hr	11.9 EER	
	$\geq 10,500$ Btu/hr and $\leq 13,500$ Btu/hr	10.7 EER	
	$> 13,500$ Btu/hr	9.9 EER	
Packaged Terminal Heat Pumps (PTHP) (Heating & Cooling Mode)	$\leq 8,000$ Btu/hr	12.2 EER and 3.4 COP	\$50/ton
	$> 8,000$ Btu/hr and $< 10,500$ Btu/hr	11.5 EER and 3.3 COP	
	$\geq 10,500$ Btu/hr and $\leq 13,500$ Btu/hr	10.7 EER and 3.1 COP	
	$> 13,500$ Btu/hr	9.8 EER and 3.0 COP	
VRF Heat Pumps (See Note 3)	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
Unitary Commercial Heat Pumps (See Note 3)	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Ground Source	As defined in ENERGY STAR Program Requirements for Geothermal Heat Pumps	\$50/ton
	Groundwater Source	As defined in ENERGY STAR Program Requirements for Geothermal Heat Pumps	\$50/ton
Heat Pump Loop (See Note 7)	Ground Source, Closed Loop	--	\$25/ton
	Groundwater Source, Open Loop	--	\$25/ton

Table 14 – Non-Residential Other HVAC Equipment and Controls Incentives

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive “up to”
Evaporative Cooling	All sizes	Direct or Indirect	--	\$0.06/CFM
Indirect-Direct Evaporative Cooling (IDEC)	All sizes	--	Applicable system components must exceed minimum efficiencies required by the applicable version of the International Energy Conservation Code (IECC)	(See Note 2)
Chillers	All except chillers intended for backup service only	Serving primarily occupant comfort cooling loads (no more than 20% of process cooling loads)	Must exceed minimum efficiencies required by the applicable version of the IECC	(See Note 3)
365/366 day Programmable or Occupancy –based Thermostat	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during summer months	365/366 day thermostatic or occupancy based setback capability	\$150/thermostat
Occupancy Based PTHP/PTAC control	All sizes with no prior occupancy based control	--	See Note 5	\$50/controller
Evaporative Pre-cooler (Retrofit Only)		For single air-cooled packaged rooftop or matched split system condensers only.	Minimum performance efficiency of 75%. Must have enthalpy controls to control pre-cooler operation. Water supply must have chemical or mechanical water treatment.	\$75/ton of attached cooling capacity (See Note 5)

Table 15 – Non-Residential Building Envelope (Retrofit) Incentives

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive “up to”
Cool Roof	--	ENERGY STAR Qualified	\$0.10/square foot
Roof/Attic Insulation	--	Minimum increment of R-10 insulation	\$0.09/square foot
Wall Insulation	--	Minimum increment of R-10 insulation	\$0.07/square foot
Windows (See Notes 3,4)	Site-Built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Glazing Only Rating)	\$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Entire Window Assembly Rating)	\$0.35/square foot
Window Film	Existing Windows	See Note 5	\$0.15/kWh annual energy savings (See Note 5)

**Table 16 – Non-Residential Building Envelope Incentives
(New Construction/Major Renovations)**

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive “up to”
Cool Roof	--	ENERGY STAR Qualified	\$0.10/square foot
Roof/Attic Insulation	--	Minimum increment of R-5 insulation above the applicable IECC requirements (See Note 5)	\$0.09/square foot
Wall Insulation	--	Minimum increment of R-3.7 continuous insulation above the applicable IECC requirements (See Note 5)	\$0.07/square foot
Windows (See Notes 3, 4)	Site-Built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Glazing Only Rating)	\$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Entire Window Assembly Rating)	\$0.35/square foot

Table 17 – Non-Residential Office Equipment Incentives

Equipment Type	Minimum Efficiency Requirements	Customer Incentive “up to”
Smart Plug Strip	<ol style="list-style-type: none"> Incentive applies to any plug strip that eliminates idle or stand-by power consumption of connected plug-load appliance through the use of an occupancy sensor, electric load sensor, or timer. Applies only to electric plug-load applications (e.g. computer monitors, desk lamps, etc.). 	\$15/qualifying unit

Table 18 – Non-Residential Appliance Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive “up to”
High-Efficiency Clothes Washer	Residential (used in a business)	wattsmart Homes program	
	Commercial (must have electric water heating)	ENERGY STAR Qualified	\$100
Heat Pump Water Heater	Residential (used in a business)	See wattsmart Homes program	

Table 19 – Non-Residential Food Service Equipment Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive “up to”
Commercial Dishwasher (High Temperature models w/ Electric boosters Only)	Undercounter	ENERGY STAR Qualified	\$100
	Stationary Rack, Single Tank, Door Type		\$400
	Single Tank Conveyor		\$1,000
	Multiple Tank Conveyor		\$500
Electric Insulated Holding Cabinet	$V \geq 28$ cu. ft.	ENERGY STAR Qualified	\$400
	$13 \leq V < 28$ cu. ft.		\$300
	$V < 13$ cu. ft.		\$200
Electric Steam Cooker	3-, 4-, 5- and 6-pan or larger sizes - Tier 1	ENERGY STAR Qualified	\$130
	3-, 4-, 5- and 6-pan or larger sizes - Tier 2	ENERGY STAR Qualified w/Heavy Load Efficiency $\geq 68\%$,	\$300
Electric Convection Oven	--	ENERGY STAR Qualified	\$350
Electric Griddle	--	ENERGY STAR Tier 2 Qualified	\$150
Electric Combination Oven	6-15 pans	ENERGY STAR Qualified	\$1,000
	16-20 pans	ENERGY STAR Qualified	\$275
Electric Commercial Fryer	Tier 1	ENERGY STAR Qualified	\$200
	Tier 2	ENERGY STAR Qualified w/ Cooking Efficiency $\geq 85\%$, Idle Energy Rate ≤ 860 Watts	\$300
Ice Machines (Air-Cooled Only)	Tier 1: Harvest Rate < 500 lbs/day	ENERGY STAR Qualified	\$125
	Tier 1: Harvest Rate ≥ 500 lbs/day		\$150
	Tier 2: Harvest Rate < 500 lbs/day	CEE Tier 2	\$250
	Tier 2: Harvest Rate ≥ 500 lbs/day		\$400
Demand Controlled Kitchen Ventilation Exhaust Hood (Retrofit Only)	Must be installed on commercial kitchen exhaust system.	Variable speed motors must be controlled to vary fan speed depending upon kitchen demand, as indicated by connected sensors.	\$0.15/kWh Annual Energy Savings (See note 5)
Anti-Sweat Heater Controls (Retrofit Only)	Low-Temp (Freezing) Cases	Controls that reduce energy consumption of anti-sweat heaters based on sensing humidity.	\$20/linear foot (case length)
	Med-Temp (Refrigerated) Cases		\$16/linear foot (case length)

Table 20 – Agricultural Irrigation Incentives for Wheel Line, Hand Line, or Other Portable Systems (Retrofit Only)

Irrigation Measure	Replace	With	Customer Incentive “up to”
Cut and press or weld repair of leaking wheel line, hand line, or portable mainline	Leak in wheel line, hand line, or portable main line	Cut and pipe press or weld repair	\$10/repair
New rotating sprinkler replacing worn or leaking impact or rotating sprinkler	Leaking or malfunctioning impact or rotating sprinkler	Rotating sprinkler	\$2.50
New gasket replacing leaking gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	Leaking gasket	New gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	\$2 each
New drain replacing leaking drain	Leaking drain	New drain, including drains on pivots and linears	\$3 each
New flow-control nozzle for impact sprinkler replacing existing nozzle or worn flow-control nozzle of same design flow or less	Worn nozzle	New flow control nozzle	\$2.75 each
New nozzle replacing worn nozzle of same design flow or less on existing sprinkler	Worn nozzle	New nozzle of same design flow or less	\$0.50 each
New Thunderbird wheel line hub replacing leaking wheel line hub	Leaking Thunderbird wheel line hub	New Thunderbird wheel line hub	\$10 each
New or rebuilt impact sprinkler replacing worn or leaking impact sprinkler	Leaking or malfunctioning impact sprinkler	New or rebuilt impact sprinkler	\$2.25 each
New or rebuilt wheel line leveler replacing leaking or malfunctioning leveler	Leaking or malfunctioning leveler	New or rebuilt leveler	\$3 each
New or rebuilt wheel line feed hose replacing leaking wheel line feed hose	Leaking wheel line feed hose	New or rebuilt wheel line feed hose	\$12 each
Pressure regulator	Worn pressure regulator	New pressure regulator of same design pressure or less	\$3 each
Low pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray) replacing impact sprinkler	Impact sprinkler	New low pressure sprinkler (on-board nozzle is considered part of sprinkler, not a separate item with additional incentive)	\$3 each
Low pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray) replacing worn low pressure sprinkler	Worn low pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray)	New low pressure sprinkler (on-board nozzle is considered part of sprinkler, not a separate item with additional incentive)	\$1.50 each
Gooseneck as part of conversion to low pressure system		New gooseneck as part of conversion to low pressure system	\$0.50 per outlet
Drop tube (3 ft minimum length)	Leaking drop tube	New drop tube (3 ft minimum length) OR add new drop tube as part of conversion to low pressure system	\$2 per drop tube
New center pivot base boot gasket replacing leaking base boot gasket	Leaking center pivot base boot gasket	New center pivot base boot gasket	\$125 each
New tower gasket replacing leaking tower gasket	Leaking tower gasket	New tower gasket	\$4 each

**Table 21 – Agricultural Irrigation Incentives for Any Type of System
(Retrofit or New Construction, Including Non-agricultural Irrigation Applications)**

Irrigation Measure	Replace With	Customer Incentive “up to”
Irrigation pump VFD	Add Variable Frequency Drive to existing or new irrigation pump	\$0.15/kWh annual energy savings

Table 22 – Non-Residential Farm and Dairy Equipment Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Customer Incentive “up to”
Automatic Milker Takeoff (Retrofit Only)	--	Must be able to sense milk flow and remove milker when flow reaches a pre-set level. Must have VFD in place on vacuum pump. Replacement of existing automatic takeoffs is not eligible for this listed incentive, but may qualify for a custom incentive.	\$235 each
Agricultural Engine Block Heater Timer	--	Timer must be a UL-listed device and rated for a minimum of 15 amps continuous duty.	\$10 each
High-efficiency Circulating Fan (See Note 2)	12-23" Diameter	Fan must achieve an efficiency level of 11 cfm/w.	\$25/fan
	24-35" Diameter	Fan must achieve an efficiency level of 18 cfm/w.	\$35/fan
	36-47" Diameter	Fan must achieve an efficiency level of 18 cfm/w.	\$50/fan
	≥48" Diameter	Fan must achieve an efficiency level of 25 cfm/w.	\$75/fan
Heat Recovery	--	Heat recovery unit must use heat rejected from milk cooling refrigeration system to heat water. Customer must use electricity for water heating.	\$0.15/kWh annual energy savings
High Efficiency Livestock Waterer	--	Must have two inches or more of insulation surrounding the inside of the waterer and an electric heating element. Waterers with a heating element greater than 250 watts must have an adjustable thermostat. Non-electric heated waterers do not qualify.	\$165 each
High-efficiency Ventilation Fan (See Note 2)	12-23" Diameter	Fan must achieve an efficiency level of 11 cfm/w.	\$45/fan
	24-35" Diameter	Fan must achieve an efficiency level of 13 cfm/w.	\$75/fan
	36-47" Diameter	Fan must achieve an efficiency level of 17 cfm/w.	\$125/fan
	≥48" Diameter	Fan must achieve an efficiency level of 19.5 cfm/w.	\$150/fan
Milk Pre-cooler (Retrofit Only)	--	The equipment must cool milk with well water before it reaches the bulk cooling tank. New construction not eligible.	See Note 3
Programmable Ventilation Controller	--	Must control ventilation fans based on temperature or other applicable factors such as humidity, odor concentration, etc.	\$20/fan controlled
Variable Frequency Drives for Dairy Vacuum Pump (Retrofit Only)	--	VFD must vary motor speed based on target vacuum level. Incentive available for retrofit only. New construction and replacement of existing VFD not eligible.	\$165/hp

Table 23 – Non-Residential Compressed Air Incentives (System Size \leq 75 Horsepower)

Equipment Category	Replace	With	Customer Incentive “up to”
Low-Pressure Drop Filter	Standard coalescing filter	Low pressure drop filter where: 1. Pressure loss at rated flow is \leq 1 psi when new and \leq 3 psi at element change 2. Particulate filtration is 100% at \geq 3.0 microns and 99.98% at 0.1 to 3.0 microns with \leq 5 ppm liquid carryover 3. Filter is of deep-bed “mist eliminator” style, with element life \geq 5 years 4. Rated capacity of filter is \leq 500 scfm	\$2/scfm
Receiver Capacity Addition	Limited or no receiver capacity (\leq 2 gallons per scfm of trim compressor capacity)	Total receiver capacity after addition must be $>$ 2 gallons per scfm of trim compressor capacity	\$3/gallon above 2 gal/scfm
Cycling Refrigerated Dryer	Non-cycling refrigerated dryer	Cycling refrigerated dryer	\$2/scfm
VFD Controlled Compressor	Fixed speed compressor	\leq 75 hp VFD controlled oil-injected screw compressor operating in system with total compressor capacity \leq 75 hp, not counting backup compressor capacity	\$0.15/kWh annual energy savings
Zero Loss Condensate Drain	Timer drain	Zero loss condensate drain	\$100 each
Outside Air Intake	Compressor drawing intake air from compressor room	\leq 75 hp compressor with permanent ductwork between compressor air intake and outdoors	\$6/hp
Compressed air end use reduction	Inappropriate or inefficient compressed air end uses	Functionally equivalent alternatives or isolation valves. Any size system is eligible – there is no restriction on compressor size.	\$0.15/kWh annual energy savings

Table 24 – Non-Residential Incentives for Wastewater, Oil and Gas, and Other Refrigeration Energy Efficiency Measures

Equipment Type	Replace	With	Customer Incentive “up to”
Adaptive refrigeration control	Conventional controls (defrost timeclock, space thermostat, evaporator fan control, if any, thermal expansion valve in some instances)	Adaptive refrigeration controller and, in some instances, electric expansion valve	\$0.15/kWh annual energy savings
Fast acting door	Manually operated door, automatic door with long cycle time, strip curtain, or entryway with no door in refrigerated/conditioned space	Fast acting door	\$0.15/kWh annual energy savings
Oil and gas pump off controller		Add pump off controller to existing oil or gas well	\$1,500 per controller
Oil and gas electric submersible pump	Standard efficiency electric submersible pump	High efficiency electric submersible pump	\$0.15/kWh annual energy savings
Wastewater – low power mixer	Excess aeration capacity	Extended range circulator	\$0.15/kWh annual energy savings

Table 25 – Non-Residential Incentives for Small Business Direct Installation (Retrofit only)

Eligible Customer Rate Schedules	Eligibility Requirements	Incentive “up to”	Customer Co-pay “up to”
Schedule 25	All non-residential facilities.	\$7,500 per facility	50%
Schedule 28	Non-residential facilities not in excess of 200 kW demand monthly in the last twelve months.	\$7,500 per facility	50%

Table 26 – Non-Residential Mid-Market Incentives

Measure	Category	Eligibility Requirements	Incentive “up to”
LED	A-Lamp, Medium Base	LED must be listed on qualified equipment list	\$7/Lamp
	PAR Reflector Lamp	LED must be listed on qualified equipment list	\$15/Lamp
	BR Reflector Lamp	LED must be listed on qualified equipment list	\$13/Lamp
	MR16 Reflector Lamp	LED must be listed on qualified equipment list	\$10/Lamp
	Candelabra/Globe Lamp	LED must be listed on qualified equipment list	\$10/Lamp
	Recessed Downlight Kit	LED must be listed on qualified equipment list	\$15/Fixture
	Tubular LED “TLED”	LED must be listed on qualified equipment list	\$6/Lamp

Exhibit D

ROCKY MOUNTAIN POWER

Original Sheet No. 111-1

P.S.C. Wyoming No. 16

Home Energy Savings Program Schedule 111

Available

In all territory served by the Company in the State of Wyoming.

Applicable

To new and existing residential customers in the State of Wyoming billed on Schedules 2 and 18. Landlords who own rental properties served by the Company in the State of Wyoming where the tenant is billed on Schedule 2 and 18 also qualify for this program.

Purpose

Service under this Schedule is intended to maximize the efficient utilization of the electricity requirements of new and existing loads in new and existing residences including manufactured housing and multi-family dwellings.

Customer Participation

Customer participation is voluntary and is initiated by following the participation procedures listed on the program web site.

Description

On-going program to deliver incentives for a variety of equipment and services intended for and located in residential dwellings. Home Energy Savings Program will be delivered by the Program Administrator. Incentives will be provided for Qualifying Equipment or Services listed in Table 1.

Qualifying Equipment or Services

Equipment or services listed in Table 1 for residential dwellings, which when correctly installed or performed, result in verifiable electric energy usage reductions where such usage is compared to the existing equipment or baseline equipment as determined by the Company.

Program Administrator

Qualified person or entity hired by the Company to administer this program.

(continued)

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ROCKY MOUNTAIN POWER

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Home Energy Savings Program Schedule 111

Provisions of Service

1. Qualifying Equipment or Services application forms and detailed participation procedures and installation requirements will be listed on the program web site, accessible through the Company's web site.
2. Incentive availability by Qualifying Equipment or Service is listed in Table 1.
3. Customers have 90 days after the date of purchase or installation to submit a complete post purchase application and request an incentive.
4. Except for point of purchase buy down, retailer mark-down, mail-by request, direct install or pre-purchase offer and approval, incentives paid directly to participants will be in the form of a check issued within 45 days of Program Administrator's receipt of a complete and approved incentive application.
5. Manufacturers, retailers, contractors, and dealers who provide program services will be required to sign and abide by the terms of participation agreements.
6. Equipment and services receiving an incentive under this program are not eligible for incentives under other Company programs. Equipment and services receiving an incentive under other Company programs are not eligible for incentives under this program.
7. Company and/or Program Administrator will employ a variety of quality assurance techniques during the delivery of the program. They may differ by equipment or service type and may include, but are not limited to, pre and post installation inspections, phone surveys, retailer invoice reconciliations and confirmation of customer and equipment eligibility.
8. Company may verify or evaluate the energy savings of installed equipment or services. Verification or evaluation may include, but are not limited to, telephone survey, site visit, billing analysis, pre- and post-installation of monitoring equipment as necessary to quantify actual energy savings.
9. The following definitions apply to Tables 1.

AFUE Annual Fuel Utilization Efficiency
CAC Central Air Conditioning
CFL Compact Florescent Lamp
CFM Cubic Feet per Minute
CEE Consortium for Energy Efficiency
ECM Electronically Commutated Motor
EF Energy Factor

HSPF Heating Seasonal Performance
Factor
IMEF Integrated Modified Energy Factor
LED Light Emitting Diode
MEF Modified Energy Factor
SF Square foot/feet
SEER Seasonal Energy Efficiency Ratio
SHGC Solar Heat Gain Coefficient

(continued)

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ROCKY MOUNTAIN POWER

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Home Energy Savings Program Schedule 111

Table 1

Equipment or Service	Customer Incentive	Mid-Market Incentive	Contractor Required	Participation Procedure
Existing Homes				
Appliances				
Clothes Washer, MEF ≥ 3.2 <i>Due to ENERGY STAR changes the specification will change to integrated modified energy (IMEF) starting on March 7, 2015. See program website for details.</i>	\$50	NA	No	Post purchase application
Refrigerator, CEE Tier 2 or higher	\$75	NA	No	Post purchase application
Freezer, ENERGY STAR qualified	\$40	NA	No	Post purchase application
Efficient Lighting <i>Reduced price efficient lighting offer may end early if entire efficient lighting allocation is sold.</i>				
CFL - General Purpose, ENERGY STAR qualified	NA	Up to \$3	No	Purchase at select retailers Direct Install Mail-by Request
CFL - Specialty, ENERGY STAR qualified	NA	Up to \$4	No	Purchase at select retailers Direct Install Mail-by Request
LED - General Purpose, ENERGY STAR qualified	NA	Up to \$23	No	Purchase at select retailers Direct Install Mail-by Request
LED - Specialty, ENERGY STAR qualified	NA	Up to \$23	No	Purchase at select retailers
Fixtures, ENERGY STAR qualified, <i>Torchiere and portable fixtures do not qualify.</i>	\$10 (capped at 50% of the product cost)	NA	No	Post purchase application
Consumer Electronics				
Advanced Power Strips, Infrared Sensing	NA	Up to \$50	No	Purchase at select retailers
Electric Water Heating <i>Due to the federal standard change the electric water heater incentives will be retired after April 15, 2015. Incentives will be provided only for units purchased or installed on or before April 15, 2015. Heat pump water heaters that do not meet the new federal standard will no longer be eligible for incentives after April 15, 2015.</i>				
Electric Water Heater: 25 – 44.9 gallon tank, EF ≥ 0.94 45 – 54.9 gallon tank, EF ≥ 0.95 55 – 74.9 gallon tank, EF ≥ 0.93 75 – 99.9 gallon tank, EF ≥ 0.92 100 – 120 gallon tank, EF ≥ 0.85	\$50	NA	No	Post purchase application
Heat Pump Water Heater, Northern Climate Specification Qualified <i>Customers who perform self-installs are only eligible for the customer incentive.</i>	Up to \$300	\$100	No	Post purchase application

(continued)

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ROCKY MOUNTAIN POWER

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Home Energy Savings Program Schedule 111

Table 1 (continued)

Equipment or Service	Customer Incentive	Mid-Market Incentive	Contractor Required	Participation Procedure
Weatherization				
<i>Customers with both electric heat and electric cooling are only eligible for incentives for electrically heated homes.</i>				
Floor Insulation, Single & Multi Family $R_{\text{initial}} \leq R-18$ $R_{\text{final}} \geq R-30$ (or fill cavity)	Electrically Heated Home: \$0.50/SF Electrically Cooled Home: NA	NA	No	Post purchase application
Attic/Ceiling Insulation, Single Family $R_{\text{initial}} \leq R-20$ $R_{\text{final}} \geq R-49$	Electrically Heated Home: \$0.50/SF Electrically Cooled Home: \$0.10/SF	NA	No	Post purchase application
Attic/Ceiling Insulation, Multi Family $R_{\text{initial}} \leq R-20$ $R_{\text{final}} \geq R-49$	Electrically Heated Home: \$0.50/SF Electrically Cooled Home: \$0.08/SF	NA	No	Post purchase application
Wall Insulation, Single & Multi Family $R_{\text{initial}} \leq R-10$ $R_{\text{final}} \geq R-13$ (or fill wall cavity)	Electrically Heated Home: \$0.75/SF Electrically Cooled Home: \$0.15/SF	NA	No	Post purchase application
Air Sealing <i>Electrically heated homes only.</i>	\$0.30/sf	NA	Yes	Post purchase application
Windows				
<i>Electrically heated homes only.</i>				
Windows, U-factor ≤ 0.30	\$1.00/SF	NA	No	Post purchase application
Heating, Ventilation and Air Conditioning				
Central Air Conditioner, ≥ 15 SEER, with best practice installation and proper sizing	\$50	\$75	Yes	Post purchase application
Room Air Conditioners, ENERGY STAR qualified	NA	Up to \$20	NA	Purchase at select retailers
Evaporative Coolers, Tier 1 2,000 – 3,499 CFM	\$100	NA	No	Post purchase application
Evaporative Coolers, Tier 2 $\geq 3,500$ CFM <i>Customers who perform self-installs are only eligible for the customer incentive.</i>	\$200	\$50	No	Post purchase application

(continued)

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Home Energy Savings Program Schedule 111

Table 1 (continued)

Equipment or Service	Customer Incentive	Mid-Market Incentive	Contractor Required	Participation Procedure
Heating, Ventilation, and Air Conditioning (continued)				
Duct Sealing and Insulation, Single Family <i>Customers with both electric heat and electric cooling are only eligible for incentives for electrically heated homes.</i>	Electrically Heated Home: \$600 Electrically Cooled Home: \$25	Electrically Heated Home: \$200 Electrically Cooled Home: \$25	Yes	Post purchase application
Duct Sealing and Insulation, Multi Family <i>Electrically heated homes only.</i>	\$300	\$100	Yes	Post purchase application
Duct Sealing, Single Family <i>Electrically heated homes only.</i>	\$300	\$100	Yes	Post purchase application
Duct Sealing, Multi Family <i>Electrically heated homes only.</i>	\$150	\$50	Yes	Post purchase application
Manufactured Homes Duct Sealing, <i>Electrically heated homes only.</i>	NA	Up to \$750	Yes	Direct Install
Heat Pump Upgrade HSPF \geq 9.0 SEER \geq 15	\$500	\$250	Yes	Post purchase application
Heat Pump Conversion HSPF \geq 9.0 SEER \geq 15	\$1,250	\$250	Yes	Post purchase application
Heat Pump Best Practice Installation and Sizing	\$200	\$200	Yes	Post purchase application
Ductless Heat Pump – Single Family <i>Single or Multi-Head Units:</i> HSPF \geq 9.5 SEER \geq 16	\$1,000	\$300	Yes	Post purchase application
Ductless Heat Pump – Multi Family <i>Single or Multi-Head Units:</i> HSPF \geq 9.5 SEER \geq 16	\$600	\$200	Yes	Post purchase application
95% AFUE Gas Furnace with ECM <i>Customer may only apply for one ECM incentive: 95% AFUE gas furnace with ECM or ECM on existing furnace.</i>	\$200	\$50	Yes	Post purchase application
ECM on Existing Furnace <i>Customer may only apply for one ECM incentive: 95% AFUE gas furnace with ECM or ECM on existing furnace.</i>	\$100	\$50	Yes	Post purchase application
Whole Home Upgrade Package <i>Customers with both electric heat and electric cooling are only eligible for incentives for electrically heated homes. Requirements for each individual measure must be met.</i>	Bonus Incentive: Electrically Heated Home: \$1,000 Electrically Cooled Home: \$500	NA	No	Post purchase application

(continued)

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Home Energy Savings Program Schedule 111

Table 1 (continued)

Equipment or Service	Customer Incentive	Mid-Market Incentive	Contractor Required	Participation Procedure
New Homes <i>Incentives for new homes are available to either customer or home builder/manufacturer, but not both.</i>				
New Homes, prescriptive path	Electrically Heated Home: \$1,500 Electrically Cooled Home: \$500		No	Post purchase application
New Manufactured Home, ENERGY STAR certified	Electrically Heated Home: \$1,000 Electrically Cooled Home: \$500		No	Post purchase application
Plumbing				
Low Flow Showerheads, Flow Rate \leq 2.0 GPM	NA	Up to \$31	No	Direct Install Mail-by Request
Low Flow Aerators, Flow Rate \leq 1.5 GPM	NA	Up to \$5	No	Direct Install Mail-by Request

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Low Income Weatherization Optional for Income Qualifying Customers Schedule 118

Available

In all territory served by the Company in the State of Wyoming.

Applicable

This tariff is applicable to income eligible residential customers residing in single family, multi-family and manufactured homes in all territory served by the Company in the State of Wyoming.

Energy Conservation Service to Low Income Customers

This program is available to existing units. It is intended to reduce the electricity requirements and increase the penetration of weatherization and efficiency measures in residential dwellings inhabited by low income households through the installation of permanent energy efficiency materials. The decision to extend service under this schedule shall be based on eligibility requirements contained herein.

Definitions

Dwelling:

Real or personal property within the state inhabited as the principal residence of a dwelling owner or a tenant. "Dwelling" includes a manufactured home, a single-family home, duplex or multi-unit residential housing. "Dwelling" does not include a recreational vehicle.

- a. Duplexes and fourplexes are eligible if at least one-half of the dwelling is occupied by low income tenants.
- b. Triplexes and multi-family dwellings are eligible if at least 66% of the units are occupied by low income tenants.

Agency:

A non-profit, State, Municipality or County organization authorized to receive funds for the installation of weatherization materials in low income properties. Agencies must receive State or Federal grants that fund low income weatherization services. These funds are leveraged with funding available through this Tariff.

(continued)

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Low Income Weatherization Optional for Income Qualifying Customers Schedule 118

Definitions (continued)

Energy Audit:

A service provided by the Agency that includes the measurement and analysis of the energy efficiency of a dwelling including energy savings potential that would result from installing energy efficient measures that are determined to be cost effective.

Low Income:

Households are certified as income eligible according to Wyoming Department of Family Services guidelines.

Major Measures:

Ceiling insulation, wall insulation and floor insulation applicable in dwellings with permanently installed operable electric space heating systems in at least 51% of the house.

Supplemental Measures:

Measures that are not required under this schedule, but may qualify for a Company reimbursement.

Financial Assistance

- a. The Company will reimburse the Agency 50% of the installed cost of all major measures and supplemental measures installed. These reimbursements will be calculated after property owner contributions are deducted. Financial assistance will be provided one time only on any individual major or supplemental measure, and up to two times per dwelling.

(continued)

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Low Income Weatherization Optional for Income Qualifying Customers Schedule 118

Financial Assistance (continued)

- b. The Company will reimburse the Agency for administrative costs based on 10% of Rocky Mountain Power's rebate on installed measures, not to exceed the following total administrative payment per building:

Dwelling Units in Building Maximum RMP Administrative Payment

1 to 4	\$350
5 to 10	\$800
11 to 15	\$1200
16 to 20	\$1400
21 to 25	\$1600
26 to 30	\$1800
31+	\$2100

- c. Agencies must invoice the Company within sixty days of job completion.
- d. A maximum of \$225,000 in Company reimbursements will be available each calendar year.

Energy Efficient Measures

Financial assistance will be provided based on the results of a cost effective analysis through a Department of Energy approved energy audit. The energy efficient measures eligible for funding (savings to investment ratio is 1.0 or greater) must be installed in dwellings with permanently installed operable electric space heat except where noted. The energy efficient measures that may be eligible for funding are listed as follows:

(continued)

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Low Income Weatherization Optional for Income Qualifying Customers Schedule 118

Energy Efficient Measures (continued)

Major Measures – Electrically Heated Homes

- a. Ceiling insulation up to R-48 for ceilings with less than R-30 in place. R-30 or better in attics will not be further insulated.
- b. Floor insulation over unheated spaces up to R-30.
- c. Wall insulation up to R-26 for walls with no insulation installed (reimbursement will not be available for the installation of urea-formaldehyde wall insulation).

Nothing shall preclude the Company from providing a reimbursement for the installation of a greater R value of insulation for the above items that are determined to be cost effective through the audit process.

Supplemental Measures – Electrically Heated Homes

- a. Low E vinyl replacement windows with U-value of 0.30 or lower.
- b. Attic ventilation, excluding power ventilators, whole house mechanical ventilation and spot ventilation for kitchen and baths.
- c. Ground cover when installed with floor insulation; other vapor barrier materials as required when installed with floor or ceiling insulation.
- d. Forced air electric space heating duct insulation and sealing in unheated spaces.
- e. Weather stripping and/or caulking, including blower door assisted air sealing and duct sealing.

(continued)

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Low Income Weatherization Optional for Income Qualifying Customers Schedule 118

Supplemental Measures – Electrically Heated Homes (continued)

- f. Thermal doors.
- g. Timed thermostats on centrally controlled multi-room heating/cooling systems except when used with heat pumps and Smart thermostats with occupancy sensors. Heat anticipating type thermostats for zonal electric resistance heating systems. Zonal thermostats must be separate from the heating unit and must be calibrated per the manufacturer's specifications.

Supplemental Measures – No Electric Heating System Requirement:

- a. Energy efficient showerheads, aerators and pipe insulation where electric water heaters are present.
- b. Light emitting diode (LED) and/or compact fluorescent light bulbs applicable in all homes, Energy Star certified bulbs placed in fixtures that are on 2 hours or more per day.
- c. LED fixtures.
- d. Refrigerators with monitored results or listed in the Weatherization Assistance Program Technical Assistance Center data base with a savings-to-investment ratio of 1.0 or greater may be replaced with an Energy Star model. Replaced refrigerators must be removed and recycled in accordance with EPA guidelines.
- e. Replacement of inefficient window air conditioning units when audit results determine this to be cost effective. Existing units must have been operated during the past 12 months. Replacements must be Energy Star rated.

(continued)

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Low Income Weatherization Optional for Income Qualifying Customers Schedule 118

Direct Distribution to Income-Eligible Customers

Company may distribute measures found within this tariff and/or provide energy efficiency education materials directly to income-eligible customers at its discretion. Customers will be determined to be eligible if they have received energy assistance in the current Low Income Energy Assistance Program (LIEAP) year.

Provisions of Service

1. A Department of Energy approved Energy Audit must be completed by the Agency prior to installation of major measures by the Agency.
2. Agency must qualify residential customers for participation based on Wyoming Department of Family Service income guidelines.
3. Measure installation shall meet Federal, State and Local building codes.
4. Measures installed under this schedule shall not receive financial incentives from other Company programs.
5. Agency shall inspect measure installation to insure that the weatherization measures and installation practices meet or exceed required specifications.
6. Company may audit Agency weatherization and financial records and inspect the installations in dwellings of customers receiving services under this program.
7. Company shall pay the Agency the amount established under the terms of their contract when provisions of the schedule have been met.

Rules

Service under this Schedule will be in accordance with the terms of the Electric Service Agreement between the Customer and the Company. The Electric Service Regulations of the Company on file with and approved by the Public Service Commission of the State of Wyoming, including future applicable amendments, will be considered as forming a part of and incorporated in said Agreement.

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Non-Residential Energy Efficiency Schedule 140

AVAILABLE

In all territory served by the Company in the State of Wyoming.

APPLICABLE

To service under the Company's General Service Schedules 25, 28, 33, 40, 46, 48T, 54, 58, 210, 212 and 213 in the State of Wyoming. This Schedule is applicable to new and existing non-residential facilities and Agricultural Irrigation Systems. This Schedule is not applicable to offset customer generation.

PURPOSE

This Schedule is intended to maximize the efficient utilization of electricity for new and existing non-residential loads through the installation of energy efficiency measures and energy management protocols.

CUSTOMER PARTICIPATION

Customer participation is voluntary and is initiated by following the participation procedures on the Wyoming energy efficiency section of the Company website. The Company shall have the right to qualify participants, at its discretion, based on criteria the Company considers necessary to ensure the effective operation of the measures and utility system. Criteria may include, but will not be limited to cost effectiveness.

PROVISIONS OF SERVICE

Incentive levels within the maximum incentive range may change with a minimum 45 days' notice, which will be prominently displayed on the program website. Retailers and trade allies who participate in the program will be notified preceding the date of the change.

(continued)

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P.S.C. Wyoming No. 16

Non-Residential Energy Efficiency Schedule 140

INCENTIVES¹

Category	Incentive	Percent Project Cost Cap	1-Year Simple Payback Cap for Projects ²	Other Limitations
Prescriptive Incentives ³	See Tables 1a - 11	See Tables 1a - 11	See Tables 1a - 11	See Tables 1a - 11
Enhanced Incentives for Small Businesses	Determined by Company with not-to-exceed amounts as shown in Table 12	80%	No	Available to all schedule 25 customers & schedule 28 customers with annual usage less than 130,000 kWh at an individual meter. Qualifying equipment must be installed by an approved trade ally.
Mid-market Incentives	Determined by Company with not-to-exceed amounts as shown Table 13	No	No	Incentives available at the point of purchase through approved distributors/retailers or via a post-purchase customer application process
Custom incentives for qualifying measures not on the prescriptive list. ⁴	\$0.15 per annual kWh savings + \$50 per average monthly kW reduction	70%	Yes	N/A
Energy Management	\$0.02 per kWh annual savings	N/A	No	N/A
Energy Project Manager Co-Funding	\$0.025 per kWh annual savings	100% of salary and eligible overhead	No	Minimum 1,000,000 kWh through qualified measures
Bill Credit ⁵	80% of eligible project costs	80%	No	Customers with minimum 1 MW peak or annual usage of 5,000,000 kWh ⁶

(continued)

¹ The customer or owner may receive only one financial incentive from the Company per measure. Financial incentives include energy efficiency incentive payments, bill credits, and energy management payments. Energy Project Manager Co-Funding is available in addition to the project incentives.

² The 1-year simple payback cap means incentives will not be available to reduce the simple payback of a project below one year. If required, individual measure incentives will be adjusted downward pro-rata so the project has a simple payback after incentives of one year.

³ Incentives for measures contained on Tables 1a - 11 are restricted to the amounts shown or the appropriate bill credit amount.

⁴ Project Cost and 1-Year Simple Payback Caps do not apply to New Construction and Major Renovation projects covered by the International Energy Conservation code (IECC).

⁵ To qualify for the bill credit option, a project must have a projected payback period of between 1 and 8 years. The Company may accept a project with a projected payback period in excess of eight years if project benefits satisfy the Commission's approved cost-effectiveness test. New construction and lighting retrofits are not eligible for bill credit.

⁶ Customers may aggregate accounts to achieve minimum requirements.

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Non-Residential Energy Efficiency Schedule 140

QUALIFYING MEASURE

Qualifying measures are any measures which, when installed in an eligible facility, result in verifiable electric energy efficiency improvement compared to a baseline as determined by the Company. The baseline will be determined with reference to existing equipment, applicable state or federal energy codes, IECC baseline used by the program, industry standard practice and other relevant factors.

QUALIFYING ENERGY MANAGEMENT

Operational improvements which, when implemented in an eligible facility, result in electric energy savings compared to current operations as determined by the Company.

MINIMUM EQUIPMENT EFFICIENCY

Retrofit Energy Efficiency Projects must meet minimum equipment efficiency levels and equipment eligibility requirements as listed in this service schedule to be eligible for an incentive or monthly Bill Credit available under the Schedule.

PRIOR ENERGY SERVICE PAYMENT PROGRAM PARTICIPATION REQUIREMENTS

This tariff does not affect Energy Service Charges currently outstanding. All obligations including those pursuant to an executed Energy Services Agreement shall remain in effect until the Energy Efficiency Payment with interest is repaid in full.

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Non-Residential Energy Efficiency Schedule 140

AVAILABILITY OF FIFTY PERCENT CREDIT

Customer shall receive a credit equal to one-half of its monthly Schedule 191 Customer Efficiency Services charges for 24 consecutive monthly billings if the Customer demonstrates to the satisfaction of the Company through an energy audit performed at the expense of the Customer by an auditor retained by the Company that there are no remaining Eligible Projects or other Energy Efficiency Projects with a Payback Period of eight (8) years or less available at all of the Customer's facilities. Such demonstration shall be based on publicly available resources, including but not limited to: United States Department of Energy, Industrial Technologies Program, Best Practices Screening Tool and current version of the United States Green Building Council Green Building Rating System for New Construction or Existing Buildings. This credit may be renewed every 24 months based upon a new energy audit.

GENERAL RULES AND PROVISIONS

Service under this Schedule will be in accordance with the terms of the Electric Service Agreement between the Customer and the Company. The Company may establish specifications regarding electric efficiency or energy management measures to be affected under this schedule, and may conduct inspections and/or verification to insure that such specifications are met.

Customers may visit the following website for details and guidelines on the Company's business efficiency programs and incentives: www.wattsmart.com

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Non-Residential Energy Efficiency Schedule 140

Table 1a - Retrofit Lighting Incentives

Measure	Category	Eligibility Requirements	Customer Incentive "up to"
Interior Lighting	Lighting Retrofits	See Note 4	\$0.15/kWh annual energy savings
	TLED Relamp	Lamp wattage reduction of ≥ 10 Watts, no ballast or driver retrofit. See Note 4	\$6/Lamp
	Fluorescent Relamp	Lamp wattage reduction ≥ 3 Watts, no ballast retrofit. See Note 4	\$1/Lamp
Exterior Lighting	Lighting Retrofits	See Note 4	\$0.15/kWh annual energy savings
	Street/Pole	See Note 4	\$0.15/kWh annual energy savings

Notes for retrofit lighting incentive table:

1. To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced or the baseline lighting system as determined by the Company.
2. Incentives are capped at 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy Efficiency Project Costs are subject to Company approval.
3. Incentives for TLED and Fluorescent Relamps may not be combined with other lamp or fixture incentives and will only be paid once per facility.
4. Eligible retrofit lighting equipment is defined in the qualified equipment lists referenced in the table are posted on the Wyoming energy efficiency program section of the Company's website.
5. The incentives listed above for Ceramic Metal Halide fixtures, Pulse Start Metal Halide fixtures, and Pulse Start Metal Halide Electronic ballasts will no longer be available effective February 10, 2017.

TLED = Tube Light-Emitting Diode

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Non-Residential Energy Efficiency Schedule 140

Table 1b - Lighting Controls and Non-General Illuminance Incentives (Retrofit only)

Measure	Category	Eligibility Requirements	Customer Incentive "up to"
Interior Lighting Control	Occupancy Control	PIR, Dual Tech, or Integral Sensor	\$0.30/ Watt controlled
	Daylighting Control	Must control interior fixtures with Continuous, Stepped, or Bi-level ballast or automated control that dims 50% or more of the fixture in response to daylight.	\$0.34/ Watt controlled
	Advanced Daylighting Control	Must incorporate both an occupancy sensor and daylighting sensor operating as part of the same control sequence in the same interior space.	\$0.38/Watt controlled
Exterior Lighting Control	Exterior Dimming Control	Must control LED technology in an exterior lighting application. Control must be integral to LED fixture or fixture-mounted and reduce fixture power by 75% or more for a minimum of 6 hrs per night or when the space has been unoccupied for 15 minutes or less.	\$0.34/ Watt controlled
Non-General Illuminance	Exit Sign	LED or photoluminescent replacing existing incandescent or fluorescent	\$15/Sign
	LED Message Center Sign	LED replacing existing incandescent signage	\$5/Lamp
	LED Channel Letter Sign	LED replacing existing neon or fluorescent signage	\$5/Linear Foot
	LED Marquee/ Cabinet Sign	LED replacing existing fluorescent signage	\$5/Linear Foot
	LED Case Lighting – Reach-in Case	LED replacing fluorescent lamp in refrigerated cases. LED must be listed on qualified equipment list	\$10/linear foot
	LED Case Lighting – Open Case		\$10/linear foot
	Refrigerated Case Occupancy	Installed in existing refrigerated case with LED lighting	\$1/linear foot
Custom	Custom	Not listed above	\$0.15/kWh annual energy savings

Notes for lighting controls and non-general illuminance lighting incentive table:

- To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced.
- Incentives are capped at 70 percent of eligible Energy Efficiency Project Costs, and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy Efficiency Project Costs are subject to Company approval.
- Incentives for Advanced Daylighting Controls or Exterior Dimming Controls may not be combined with other lighting control incentives.
- Watt controlled refers to the total wattage of lighting fixtures down circuit from the control.
- Qualified equipment lists referenced in the table are posted on the Wyoming energy efficiency program section of Rocky Mountain Power's website.
PIR = Passive Infra-Red
Dual Tech = Sensors combining ultrasonic and passive infrared
LED = Light-Emitting Diode

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Non-Residential Energy Efficiency Schedule 140

Table 1c – New Construction/Major Renovation Lighting Incentives

Measure	Category	Eligibility Requirements	Incentive “up to”
Interior Lighting*	Lighting and Lighting Control	<ol style="list-style-type: none"> 1. This program uses the IECC as the baseline for New Construction and Major Renovation projects. See the Company website for the version of the IECC in use by the program. 2. The total connected interior lighting power for New Construction/Major Renovation projects included in the IECC must be at least 10% lower than the interior lighting power allowance calculated under the applicable version of the IECC. For New Construction/ Major Renovation projects not included in the IECC, the total connected lighting power must be at least 10% lower than common practice as determined by the Company. 3. Energy savings are subject to approval by the Company. 	\$0.08/kWh annual energy saved
Exterior Lighting**	Induction Fixture	All wattages, New fixtures only.	\$75/Fixture
	LED Outdoor Pole/Roadway, decorative	<75W; LED must be listed on qualified equipment list.	\$75/fixture
	LED Outdoor Pole/Roadway	≤200W; LED must be listed on qualified equipment list.	\$100/fixture
		>200W; LED must be listed on qualified equipment list.	\$400/fixture
	LED Canopy/Soffit	LED must be listed on qualified equipment list.	\$125/fixture
	LED Wall Pack	<50 Watts; LED must be listed on qualified equipment list.	\$50/fixture
		≥50 Watts; LED must be listed on qualified equipment list.	\$75/fixture
	LED Flood Lights	<100 Watts; LED must be listed on qualified equipment list.	\$75/fixture
		≥100 Watts; LED must be listed on qualified equipment list.	\$150/fixture
	CFL Wall Pack	All Wattages, Hardwire Fixtures Only.	\$30/Fixture
	Custom LED	Listed LED equipment not indicated above; baseline determined by Company. LED must be listed on qualified equipment list.	\$0.08/kWh annual energy savings
	Exterior Dimming Control	Must control LED technology in an exterior lighting application. Control must be integral to LED fixture or fixture-mounted and reduce fixture power by 75% or more for a minimum of 6 hrs per night or when the space has been unoccupied for 15 minutes or less.	\$0.34/Watt controlled

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Non-Residential Energy Efficiency Schedule 140

Table 1c – New Construction/Major Renovation Lighting Incentives (continued)

Notes for new construction/major renovation incentive table:

1. Qualified equipment lists referenced in the table are posted on the Wyoming energy efficiency program section of the Company's website.

2. Watt controlled refers to the total wattage of lighting fixtures down circuit from the control.

IECC = International Energy Conservation Code

LED = Light-Emitting Diode

* Project Cost Caps of 70% and 1-Year Simple Payback apply to New Construction and Major Renovation projects that are not covered by the International Energy Conservation Code (IECC). The 1-year simple payback cap means incentives will not be available to reduce the simple payback of a project below one year. If required, individual measure incentives will be adjusted downward pro-rata so the project has a simple payback after incentives of one year.

**Exterior lighting controls required by the applicable version of the state energy code are not eligible for incentives.

Table 2 - Motor Incentives

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive "up to"
Electronically Commutated Motor	≤ 1 horsepower	Refrigeration application	--	\$0.50/watt
		HVAC application	--	\$50/horsepower
Variable-Frequency Drives (HVAC fans and pumps)	≤ 100 horsepower	HVAC fans and pumps	See Note 2	\$65/horsepower
Green Motor Rewinds	≥ 15 and ≤ 5,000 hp	--	Must meet GMPG Standards	\$1/horsepower

Notes for Table 2:

- Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
- Throttling or bypass devices, such as inlet vanes, bypass dampers, three-way valves, or throttling valves must be removed or permanently disabled to qualify for HVAC fan or pump VFD incentives. This program uses the International Energy Conservation Code (IECC) as the baseline for New Construction and Major Renovation Energy Efficiency Projects. VFDs required by or used to comply with the applicable version of the IECC are not eligible for incentives. Savings will only be realized for installations where a variable load is present.
- For Green Motor Rewinds, the participating electric motor service center is paid \$2/horsepower for eligible Green Motor Rewinds. A minimum of \$1/horsepower is paid by the service center to the customer as a credit on the motor rewind invoice. The balance is retained by the service center. Green Motor Rewind motors that are installed or placed in inventory may qualify for an incentive.

ECM = Electronically Commutated Motor

GMPG = Green Motors Practices Group

HVAC = Heating, Ventilating and Air Conditioning

IECC = International Energy Conservation Code

VFD = Variable Frequency Drive

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Non-Residential Energy Efficiency Schedule 140

Table 3a – HVAC Equipment Incentives

Equipment Type	Category	Minimum Efficiency Requirements	Customer Incentive "up to"
Unitary Commercial Air Conditioners	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Evaporatively Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
Packaged Terminal Air Conditioners (PTAC)	$\leq 8,000$ Btu/hr	12.2 EER	\$25/ton
	$> 8,000$ Btu/hr and $< 10,500$ Btu/hr	11.9 EER	
	$\geq 10,500$ Btu/hr and $\leq 13,500$ Btu/hr	10.7 EER	
	$> 13,500$ Btu/hr	9.9 EER	
Packaged Terminal Heat Pumps (PTHP) (Heating & Cooling Mode)	$\leq 8,000$ Btu/hr	12.2 EER and 3.4 COP	\$50/ton
	$> 8,000$ Btu/hr and $< 10,500$ Btu/hr	11.5 EER and 3.3 COP	
	$\geq 10,500$ Btu/hr and $\leq 13,500$ Btu/hr	10.7 EER and 3.1 COP	
	$> 13,500$ Btu/hr	9.8 EER and 3.0 COP	
VRF Heat Pumps (See Note 3)	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton

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Non-Residential Energy Efficiency Schedule 140

Table 3a – HVAC Equipment Incentives (continued)

Equipment Type	Category	Minimum Efficiency Requirements	Customer Incentive "up to"
Unitary Commercial Heat Pumps (See Note 3)	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	\$75/ton
	Ground Source	As defined in ENERGY STAR Program Requirements for Geothermal Heat Pumps	\$50/ton
	Groundwater Source	As defined in ENERGY STAR Program Requirements for Geothermal Heat Pumps	\$50/ton
Heat Pump Loop (See Note 7)	Ground Source, Closed Loop	--	\$25/ton
	Groundwater Source, Open Loop	--	\$25/ton

Notes for HVAC Equipment incentive table:

1. Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for the listed incentive. Equipment must meet all listed efficiency requirements to qualify for the listed incentives.
2. PTHPs can replace electric resistive heating, which must be removed.
3. Incentives for heat pumps are available per ton of cooling capacity ONLY. No incentives are paid per ton of heating capacity. Heat Pumps must meet both the cooling mode and heating mode efficiency requirements to qualify for per ton cooling efficiency incentives.
4. Equipment size categories are specified in terms of net cooling capacity at AHRI standard conditions as determined by AHRI Standard 210/240 for units <65,000 Btu/hr, AHRI Standard 340/360 for units ≥65,000 Btu/hr, AHRI Standard 1230 for VRF systems, and AHRI Standard 310/380 for PTAC and PTHP units.
5. Ground and Water Source Heat Pumps must meet or exceed listed efficiency requirements when rated in accordance with ISO-13256-1 to qualify for the listed incentive.
6. Efficiency requirements align with the Unitary Air-Conditioning and Heat Pump Specification maintained by the Consortium for Energy Efficiency (CEE) for equipment with heating sections other than electric resistance. CEE minimum efficiency requirements are listed on the Company website.
7. Incentives for heat pump loops are paid for new loops only and are paid per ton of cooling capacity of connected heat pump equipment as rated in accordance with ISO-13256-1.

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Table 3a – HVAC Equipment Incentives (continued)

Notes for HVAC Equipment incentive table: (continued)

AHRI = Air-conditioning, Heating, and Refrigeration Institute

CEE = Consortium for Energy Efficiency

COP = Coefficient of Performance

EER = Energy Efficiency Ratio

HVAC = Heating, Ventilating and Air Conditioning

PTAC = Package Terminal Air Conditioner

PTHP = Package Terminal Heat Pump

VRF = Variable Refrigerant Flow

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Non-Residential Energy Efficiency Schedule 140

Table 3b – Other HVAC Equipment and Controls Incentives

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive "up to"
Evaporative Cooling	All sizes	Direct or Indirect	--	\$0.06/CFM
Indirect-Direct Evaporative Cooling (IDEC)	All sizes	--	Applicable system components must exceed minimum efficiencies required by the applicable version of the International Energy Conservation Code (IECC)	(See Note 2)
Chillers	All except chillers intended for backup service only	Serving primarily occupant comfort cooling loads (no more than 20% of process cooling loads)	Must exceed minimum efficiencies required by the applicable version of the IECC	(See Note 3)
365/366 day Programmable or Occupancy – based Thermostat	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during summer months	365/366 day thermostatic or occupancy based setback capability	\$150/thermostat
Occupancy Based PTHP/PTAC control	All sizes with no prior occupancy based control	--	See Note 5	\$50/controller
Evaporative Pre-cooler (Retrofit Only)		For single air-cooled packaged rooftop or matched split system condensers only.	Minimum performance efficiency of 75%. Must have enthalpy controls to control pre-cooler operation. Water supply must have chemical or mechanical water treatment.	\$75/ton of attached cooling capacity (See Note 5)

Notes for other HVAC equipment and controls incentive table:

- Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
- Incentives paid at \$0.15/kWh annual energy savings + \$50/kW average monthly demand savings. IDEC energy and demand savings subject to approval by the Company.
- Incentives paid at \$0.15/kWh annual energy savings + \$50/kW average monthly demand savings. Chiller energy and demand savings subject to approval by the Company.
- Controller units must include an occupancy based control and include the capability to set back the zone temperature during extended unoccupied periods and set up the temperature once the zone is occupied.
- Incentives for Evaporative Pre-coolers are capped at 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy Efficiency Project Costs are subject to Rocky Mountain Power approval.

CFM = Cubic Feet per Minute

IDEC = Indirect-Direct Evaporative Cooling

IECC = International Energy Conservation Code

PTAC = Packaged Terminal Air Conditioner

PTHP = Packaged Terminal Heat Pump

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Non-Residential Energy Efficiency Schedule 140

Table 4a - Building Envelope (Retrofit) Incentives

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive
Cool Roof	--	ENERGY STAR Qualified	\$0.10/square foot
Roof/Attic Insulation	--	Minimum increment of R-10 insulation	\$0.09/square foot
Wall Insulation	--	Minimum increment of R-10 insulation	\$0.07/square foot
Windows (See Notes 3,4)	Site-Built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Glazing Only Rating)	\$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Entire Window Assembly Rating)	\$0.35/square foot
Window Film	Existing Windows	See Note 5	\$0.15/kWh annual energy savings (See Note 5)

Notes for building envelope retrofit incentive table:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for envelope incentives.
3. Energy performance of window assemblies and glazing products must be rated in accordance with NFRC. Site-Built metal window systems must include a thermal break within the frame or other appropriate NFRC certification to qualify for incentives. Skylights are not eligible to receive the incentives in Table 4a.
4. Window square footage is determined by the dimensions of the entire window assembly, not just the window glass.
5. Incentives for window film are calculated based on film specifications and window orientation at \$0.15/kWh annual energy savings. Energy savings subject to approval by the Company.

NFRC = National Fenestration Rating Council

SHGC = Solar Heat Gain Coefficient

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Non-Residential Energy Efficiency Schedule 140

Table 4b - Building Envelope (New Construction/Major Renovation) Incentives

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive
Cool Roof	--	ENERGY STAR Qualified	\$0.10/square foot
Roof/Attic Insulation	--	Minimum increment of R-5 insulation above the applicable IECC requirements (See Note 5)	\$0.09/square foot
Wall Insulation	--	Minimum increment of R-3.7 continuous insulation above the applicable IECC requirements (See Note 5)	\$0.07/square foot
Windows (See Notes 3, 4)	Site-Built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Glazing Only Rating)	\$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Entire Window Assembly Rating)	\$0.35/square foot

Notes for building envelope (new construction/major renovation) incentives table:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for envelope incentives.
3. Window square footage is determined by the dimensions of the entire window assembly, not just the window glass.
4. Energy performance of window assemblies and glazing products must be rated in accordance with NFRC. Site-Built metal window systems must include a thermal break within the frame or other appropriate NFRC certification to qualify for incentives. Skylights are not eligible to receive the incentives in Table 4b.
5. This program uses the International Energy Conservation Code (IECC) as the energy code baseline for new construction and major renovation projects. Compliance with the minimum efficiency requirements of Roof/Attic and Wall Insulation measures may be demonstrated with equivalent U-factors and is subject to approval of the Company.

IECC = International Energy Conservation Code

NFRC = National Fenestration Rating Council

SHGC = Solar Heat Gain Coefficient

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Non-Residential Energy Efficiency Schedule 140

Table 5 - Food Service Equipment Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive "up to"
Commercial Dishwasher (High Temperature models w/ Electric boosters Only)	Undercounter	ENERGY STAR Qualified	\$100
	Stationary Rack, Single Tank, Door Type		\$400
	Single Tank Conveyor		\$1,000
	Multiple Tank Conveyor		\$500
Electric Insulated Holding Cabinet	$V \geq 28$ cu. ft.	ENERGY STAR Qualified	\$400
	$13 \leq V < 28$ cu. ft.		\$300
	$V < 13$ cu. ft.		\$200
Electric Steam Cooker	3-, 4-, 5- and 6-pan or larger sizes - Tier 1	ENERGY STAR Qualified	\$130
	3-, 4-, 5- and 6-pan or larger sizes - Tier 2	ENERGY STAR Qualified w/Heavy Load Efficiency $\geq 68\%$,	\$300
Electric Convection Oven	--	ENERGY STAR Qualified	\$350
Electric Griddle	--	ENERGY STAR Tier 2 Qualified	\$150
Electric Combination Oven	6-15 pans	ENERGY STAR Qualified	\$1,000
	16-20 pans	ENERGY STAR Qualified	\$275
Electric Commercial Fryer	Tier 1	ENERGY STAR Qualified	\$200
	Tier 2	ENERGY STAR Qualified w/ Cooking Efficiency $\geq 85\%$, Idle Energy Rate ≤ 860 Watts	\$300
Ice Machines (Air-Cooled Only)	Tier 1: Harvest Rate < 500 lbs/day	ENERGY STAR Qualified	\$125
	Tier 1: Harvest Rate ≥ 500 lbs/day		\$150
	Tier 2: Harvest Rate < 500 lbs/day	CEE Tier 2	\$250
	Tier 2: Harvest Rate ≥ 500 lbs/day		\$400

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Table 5 - Food Service Equipment Incentives (continued)

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive "up to"
Commercial Transparent Door Refrigerator (See Note 3)	$0 < V < 15$	ENERGY STAR Qualified	\$25
	$15 \leq V < 30$		\$50
	$30 \leq V < 50$		\$75
	$50 \leq V$		\$125
	Chest Configuration		\$50
Commercial Transparent Door Freezer (See Note 3)	$0 < V < 15$	ENERGY STAR Qualified	\$25
	$15 \leq V < 30$		\$50
	$30 \leq V < 50$		\$75
	$50 \leq V$		\$100
	Chest Configuration		\$100
Demand Controlled Kitchen Ventilation Exhaust Hood (Retrofit Only)	Must be installed on commercial kitchen exhaust system.	Variable speed motors must be controlled to vary fan speed depending upon kitchen demand, as indicated by connected sensors.	\$0.15/kWh Annual Energy Savings (See note 5)
Anti-Sweat Heater Controls (Retrofit Only)	Low-Temp (Freezing) Cases	Controls that reduce energy consumption of anti-sweat heaters based on sensing humidity.	\$20/linear foot (case length)
	Med-Temp (Refrigerated) Cases		\$16/linear foot (case length)

Notes for food service equipment incentives table:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Incentives are paid at \$0.15/kWh annual energy savings. Demand controlled kitchen ventilation exhaust hood energy savings subject to approval by the Company.
3. Incentives for commercial refrigerators and freezers will no longer be available effective March 27, 2017.

ASTM = American Society for Testing and Materials

CEE = Consortium for Energy Efficiency

MDEC = Maximum Daily Energy Consumption

V = Association of Home Appliance Manufacturers (AHAM) Volume in cubic feet.

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Non-Residential Energy Efficiency Schedule 140

Table 6 – Office Equipment Incentives

Equipment Type	Minimum Efficiency Requirements	Customer Incentive “up to”
Smart Plug Strip	1. Incentive applies to any plug strip that eliminates idle or stand-by power consumption of connected plug-load appliance through the use of an occupancy sensor, electric load sensor, or timer. 2. Applies only to electric plug-load applications (e.g. computer monitors, desk lamps, etc.).	\$15/qualifying unit

Notes for office equipment incentive table:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.

PC = personal computer

Table 7 - Appliance Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive “up to”
High-Efficiency Clothes Washer	Residential (used in a business)	See Home Energy Savings program	
	Commercial (must have electric water heating)	ENERGY STAR Qualified	\$100
Heat Pump Water Heater	Residential (used in a business)	See Home Energy Savings program	

Notes for appliance incentive table:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Equipment must meet the efficiency rating standard that is in effect on the date of purchase.
3. Refer to the Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.

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Non-Residential Energy Efficiency Schedule 140

Table 8a Agricultural Irrigation Incentives – Measures for Wheel Line, Hand Line, or Other Portable Systems (Retrofit Only)

Irrigation Measure	Replace	With	Customer Incentive
Cut and press or weld repair of leaking wheel line, hand line, or portable mainline	Leak in wheel line, hand line, or portable main line	Cut and pipe press or weld repair	\$10/repair
New rotating sprinkler replacing worn or leaking impact or rotating sprinkler	Leaking or malfunctioning impact or rotating sprinkler	Rotating sprinkler	\$2.50
New gasket replacing leaking gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	Leaking gasket	New gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	\$2 each
New drain replacing leaking drain	Leaking drain	New drain, including drains on pivots and linears	\$3 each
New flow-control nozzle for impact sprinkler replacing existing nozzle or worn flow-control nozzle of same design flow or less	Worn nozzle	New flow control nozzle	\$2.75 each
New nozzle replacing worn nozzle of same design flow or less on existing sprinkler	Worn nozzle	New nozzle of same design flow or less	\$0.50 each
New Thunderbird wheel line hub replacing leaking wheel line hub	Leaking Thunderbird wheel line hub	New Thunderbird wheel line hub	\$10 each
New or rebuilt impact sprinkler replacing worn or leaking impact sprinkler	Leaking or malfunctioning impact sprinkler	New or rebuilt impact sprinkler	\$2.25 each
New or rebuilt wheel line leveler replacing leaking or malfunctioning leveler	Leaking or malfunctioning leveler	New or rebuilt leveler	\$3 each
New or rebuilt wheel line feed hose replacing leaking wheel line feed hose	Leaking wheel line feed hose	New or rebuilt wheel line feed hose	\$12 each

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Non-Residential Energy Efficiency Schedule 140

Table 8b Agricultural Irrigation Incentives – Measures for Pivot and Linear Systems (Retrofit Only)

Irrigation Measure	Replace	With	Customer Incentive
Pressure regulator	Worn pressure regulator	New pressure regulator of same design pressure or less	\$3 each
Low pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray) replacing impact sprinkler	Impact sprinkler	New low pressure sprinkler (on-board nozzle is considered part of sprinkler, not a separate item with additional incentive)	\$3 each
Low pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray) replacing worn low pressure sprinkler	Worn low pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray)	New low pressure sprinkler (on-board nozzle is considered part of sprinkler, not a separate item with additional incentive)	\$1.50 each
Gooseneck as part of conversion to low pressure system		New gooseneck as part of conversion to low pressure system	\$0.50 per outlet
Drop tube (3 ft minimum length)	Leaking drop tube	New drop tube (3 ft minimum length) OR add new drop tube as part of conversion to low pressure system	\$2 per drop tube
New center pivot base boot gasket replacing leaking base boot gasket	Leaking center pivot base boot gasket	New center pivot base boot gasket	\$125 each
New tower gasket replacing leaking tower gasket	Leaking tower gasket	New tower gasket	\$4 each

Table 8c Agricultural Irrigation Incentives – Measures for Any Type of System (Retrofit or New Construction, Including Non-agricultural Irrigation Applications)

Irrigation Measure	Replace	With	Customer Incentive
Irrigation pump VFD		Add Variable Frequency Drive to existing or new irrigation pump	\$0.15/kWh annual energy savings

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Table 8c Agricultural Irrigation Incentives – Measures for Any Type of System (Retrofit or New Construction, Including Non-agricultural Irrigation Applications) (continued)

Notes for Irrigation Measure Tables:

1. Equipment that meets or exceeds the requirements listed above may qualify for the listed incentive.
2. Except for the pump VFD measure, incentives listed here are available only for retrofit projects where new equipment replaces existing equipment (i.e. new construction is not eligible).
3. Except for the pump VFD measure, equipment installed in fixed-in-place (solid set) systems is not eligible. Incentive is limited to two units per irrigated acre.
4. Incentives are capped at 70 percent of Energy Efficiency Costs, and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy savings and Energy Efficiency Project Costs are subject to Company approval.

Table 9 - Farm and Dairy Equipment Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Customer Incentive
Automatic Milker Takeoff (Retrofit Only)	--	Equipment must be able to sense milk flow and remove milker when flow reaches a pre-set level. Must have VFD in place on vacuum pump. Incentive available for retrofit only, not new construction. Replacement of existing automatic takeoffs is not eligible for this listed incentive, but may qualify for a custom incentive.	\$235 each
Agricultural Engine Block Heater Timer	--	Timer must be a UL-listed device and rated for a minimum of 15 amps continuous duty.	\$10 each
High-efficiency Circulating Fan (See Note 2)	12-23" Diameter	Fan must achieve an efficiency level of 11 cfm/w.	\$25/fan
	24-35" Diameter	Fan must achieve an efficiency level of 18 cfm/w.	\$35/fan
	36-47" Diameter	Fan must achieve an efficiency level of 18 cfm/w.	\$50/fan
	≥48" Diameter	Fan must achieve an efficiency level of 25 cfm/w.	\$75/fan
Heat Recovery	--	Heat recovery unit must use heat rejected from milk cooling refrigeration system to heat water. Customer must use electricity for water heating.	\$0.15/kWh annual energy savings
High Efficiency Livestock Waterer	--	Must have two inches or more of insulation surrounding the inside of the waterer and an electric heating element. Waterers with a heating element greater than 250 watts must have an adjustable thermostat. Non-electric heated waterers do not qualify.	\$165 each

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Table 9 - Farm and Dairy Equipment Incentives (continued)

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Customer Incentive "up to"
High-efficiency Ventilation Fan (See Note 2)	12-23" Diameter	Fan must achieve an efficiency level of 11 cfm/w.	\$45/fan
	24-35" Diameter	Fan must achieve an efficiency level of 13 cfm/w.	\$75/fan
	36-47" Diameter	Fan must achieve an efficiency level of 17 cfm/w.	\$125/fan
	≥48" Diameter	Fan must achieve an efficiency level of 19.5 cfm/w.	\$150/fan
Milk Pre-cooler (Retrofit Only)	--	The equipment must cool milk with well water before it reaches the bulk cooling tank. New construction not eligible.	See Note 3
Programmable Ventilation Controller	--	Controller must control ventilation fans based on temperature or other applicable factors such as humidity, odor concentration, etc.	\$20/fan controlled
Variable Frequency Drives for Dairy Vacuum Pump (Retrofit Only)	--	VFD must vary motor speed based on target vacuum level. Incentive available for retrofit only. New construction and replacement of existing VFD not eligible.	\$165/hp

Notes for Table 9:

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. Fan performance must be rated by an independent testing body in accordance with the appropriate ANSI/AMCA standards.
3. Incentives paid at \$0.15/kWh annual energy savings + \$50/kW average monthly demand savings. Milk Pre-cooler energy and demand savings subject to approval by the Company.
4. Incentives are capped at 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce Energy Efficiency Project simple payback below one year. Energy savings and Energy Efficiency Project Costs are subject to Company approval.
5. Except where noted, all equipment listed in the table is eligible for incentives in both new construction and retrofit projects.

AMCA = Air Movement and Control Association International, Inc.

ANSI = American National Standards Institute

VFD = Variable Frequency Drive

cfm = cubic feet per minute

w = watt

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Non-Residential Energy Efficiency Schedule 140

Table 10 - Compressed Air Incentives (System Size \leq 75 Horsepower)

Equipment Category	Replace	With	Customer Incentive
Low-Pressure Drop Filter	Standard coalescing filter	Low pressure drop filter where: 1. Pressure loss at rated flow is ≤ 1 psi when new and ≤ 3 psi at element change 2. Particulate filtration is 100% at ≥ 3.0 microns and 99.98% at 0.1 to 3.0 microns with ≤ 5 ppm liquid carryover 3. Filter is of deep-bed "mist eliminator" style, with element life ≥ 5 years 4. Rated capacity of filter is ≤ 500 scfm	\$2/scfm
Receiver Capacity Addition	Limited or no receiver capacity (≤ 2 gallons per scfm of trim compressor capacity)	Total receiver capacity after addition must be > 2 gallons per scfm of trim compressor capacity	\$3/gallon above 2 gal/scfm
Cycling Refrigerated Dryer	Non-cycling refrigerated dryer	Cycling refrigerated dryer	\$2/scfm
VFD Controlled Compressor ³	Fixed speed compressor	≤ 75 hp VFD controlled oil-injected screw compressor operating in system with total compressor capacity ≤ 75 hp, not counting backup compressor capacity	\$0.15/kWh annual energy savings
Zero Loss Condensate Drain ^{2,4}	Timer drain	Zero loss condensate drain	\$100 each
Outside Air Intake	Compressor drawing intake air from compressor room	≤ 75 hp compressor with permanent ductwork between compressor air intake and outdoors	\$6/hp
Compressed air end use reduction	Inappropriate or inefficient compressed air end uses	Functionally equivalent alternatives or isolation valves. Any size system is eligible – there is no restriction on compressor size.	\$0.15/kWh annual energy savings

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Non-Residential Energy Efficiency Schedule 140

Table 10 - Compressed Air Incentives (System Size \leq 75 Horsepower) (continued)

Notes for Table 10:

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. Except for the zero loss condensate drain and compressed air end use reduction measures, eligibility for incentives above is limited to compressed air systems with total compressor capacity of 75 hp or less, not including backup compressor capacity that does not normally run.
3. Incentives are capped at 70 percent of Energy Efficiency Project Costs, and incentives will not be available to reduce Energy Efficiency Project simple payback below one year. Energy savings and Energy Efficiency Project Costs are subject to Company approval.
4. Zero loss condensate drains purchased as an integral part of another measure are eligible for the incentive shown above.

hp = horsepower

ppm = parts per million

psi = pounds per square inch

scfm = cubic feet of air per minute at standard conditions (14.5 psia, 68°F, 0% relative humidity)

VFD = variable frequency drive

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Non-Residential Energy Efficiency Schedule 140

Table 11 Incentives for Wastewater, Oil and Gas, and Other Refrigeration Energy Efficiency Measures

Equipment Type	Replace	With	Customer Incentive
Adaptive refrigeration control	Conventional controls (defrost timeclock, space thermostat, evaporator fan control, if any, thermal expansion valve in some instances)	Adaptive refrigeration controller and, in some instances, electric expansion valve	\$0.15/kWh annual energy savings
Fast acting door	Manually operated door, automatic door with long cycle time, strip curtain, or entryway with no door in refrigerated/conditioned space	Fast acting door	\$0.15/kWh annual energy savings
Oil and gas pump off controller		Add pump off controller to existing oil or gas well	\$1,500 per controller
Oil and gas electric submersible pump	Standard efficiency electric submersible pump	High efficiency electric submersible pump	\$0.15/kWh annual energy savings
Wastewater – low power mixer	Excess aeration capacity	Extended range circulator	\$0.15/kWh annual energy savings

Notes for wastewater, oil and gas, and other refrigeration energy efficiency measures incentives table:

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. Incentives are capped at 70 percent of Energy Efficiency Project Costs, and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy savings and Energy Efficiency Project Costs are subject to Company approval.
3. The electric submersible pump incentive listed in the table above is available for retrofits of existing pumps and is not available for new pumps installed for new wells

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Non-Residential Energy Efficiency Schedule 140

Small Business Direct Install (Retrofit only)

Incentives and participation for small business direct installations may include but not be limited to lighting, plug load, HVAC measures, and areas being canvassed. Non-residential facilities may pay for up to 25 % of the qualifying equipment costs.

Table 12 – Incentives for Small Business Direct Installation (Retrofit only)

Eligible Customer Rate Schedules	Eligibility Requirements	Incentive "up to"	Customer Co-pay "up to"
Schedule 25	All non-residential facilities.	\$5,000 per facility	25%
Schedule 28	Non-residential facilities not in excess of 200 kW demand monthly in the last twelve months.	\$5,000 per facility	25%

(continued)

Issued by
Jeffrey K. Larsen, Vice President, Regulation

Issued: July 29, 2016

Effective: With service rendered
on and after November 1, 2016

ROCKY MOUNTAIN POWER

First Revision of Sheet No. 140-26
Canceling Original Sheet No. 140-26

P.S.C. Wyoming No. 16

Non-Residential Energy Efficiency Schedule 140

Table 13 – Mid-Market Incentives

Measure	Category	Eligibility Requirements	Incentive ¹ “up to”
LED	A-Lamp, Medium Base	LED must be listed on qualified equipment list	\$7/Lamp
	PAR Reflector Lamp	LED must be listed on qualified equipment list	\$15/Lamp
	BR Reflector Lamp	LED must be listed on qualified equipment list	\$13/Lamp
	MR16 Reflector Lamp	LED must be listed on qualified equipment list	\$10/Lamp
	Candelabra/Globe Lamp	LED must be listed on qualified equipment list	\$10/Lamp
	Recessed Downlight Kit	LED must be listed on qualified equipment list	\$15/Fixture
	Tubular LED “TLED”	LED must be listed on qualified equipment list	\$6/Lamp

Notes for mid-market incentives:

1. Incentives are capped at 70 percent of qualifying equipment cost. Qualifying equipment costs are subject to Rocky Mountain Power approval.
2. Qualified equipment lists referenced in the above table are posted on the Wyoming energy efficiency program section of the Rocky Mountain Power’s website.
3. Tubular LED incentives will be available beginning January 1, 2017.

¹ Incentives for measures in this table are available through Company-approved retailers/distributors or a customer application process.

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Exhibit E

Rocky Mountain Power
WYOMING Demand-Side Management
Deferred Balancing Account Forecast - Current Rate of 1.44%

	Monthly Program				Cash Basis	Accrual Basis	Deposit Rate
	Costs - Fixed	Accrued	Rate Recovery	Carrying	Accumulated	Accumulated	
	Assets	Costs		Charge	Balance	Balance	
2008 totals	\$ 17,336.75	\$ -	\$ -	\$ 144.00			
2009 totals	\$ 665,193.24	\$ -	\$ (1,679,071.73)	\$ (19,621.00)			
2010 totals	\$ 964,589.61	\$ -	\$ (1,725,346.69)	\$ (30,533.00)			
2011 totals	\$ 1,561,103.39	\$ 249,349.68	\$ 5,896.58	\$ (20,869.00)			
2012 totals	\$ 1,291,463.29	\$ (89,196.50)	\$ (1,159,438.35)	\$ (2,151.00)			
2013 totals	\$ 1,361,968.40	\$ 4,536.94	\$ (1,594,257.72)	\$ (7,561.00)			
2014 totals	\$ 1,615,521.85	\$ 15,674.92	\$ (1,592,051.06)	\$ (7,354.00)			
2015 totals	\$ 1,666,365.42	\$ 34,469.83	\$ (1,585,463.26)	\$ (5,379.00)			
2016 totals	\$ 1,116,041.75	\$ (153,692.01)	\$ (1,596,434.62)	\$ (9,517.00)			
1 January	20,967.55	46,229.63	(200,670.30)	(1,446.00)	(950,572.90)	(843,200.41)	2.020%
2 February	24,194.60	45,000.00	(164,228.45)	(1,718.00)	(1,092,324.75)	(939,952.26)	2.020%
3 March	82,233.78	20,065.27	(139,990.29)	(1,887.00)	(1,151,968.26)	(979,530.50)	2.020%
4 April	104,139.12	(10,304.10)	(114,853.00)	(1,948.00)	(1,164,630.14)	(1,002,496.48)	2.020%
5 May	121,970.27	(60,889.00)	(109,015.89)	(1,950.00)	(1,153,625.76)	(1,052,381.10)	2.020%
6 June	83,154.66	10,924.86	(107,244.37)	(1,962.00)	(1,179,677.47)	(1,067,507.95)	2.020%
7 July	87,673.68	(8,037.06)	(122,852.23)	(2,015.00)	(1,216,871.02)	(1,112,738.56)	2.020%
8 August	81,790.04	5,733.84	(128,429.11)	(2,088.00)	(1,265,598.09)	(1,155,731.79)	2.020%
9 September	199,464.11		(100,948.86)	(2,048.00)	(1,169,130.84)	(1,059,264.54)	2.020%
10 October	185,077.17		(115,613.88)	(1,910.00)	(1,101,577.55)	(991,711.25)	2.020%
11 November	202,126.96		(144,069.48)	(1,805.00)	(1,045,325.07)	(935,458.77)	2.020%
12 December	203,922.76		(184,577.01)	(1,743.00)	(1,027,722.32)	(917,856.02)	2.020%
2017 totals	\$ 1,396,714.70	\$ 48,723.44	\$ (1,632,492.87)	\$ (22,520.00)			
1 January	122,094.39		(\$182,417.38)	(1,781.00)	(1,089,826.31)	(979,960.01)	2.020%
2 February	175,616.45		(\$155,262.27)	(1,817.00)	(1,071,289.13)	(961,422.83)	2.020%
3 March	205,169.21		(\$145,462.03)	(1,753.00)	(1,013,334.96)	(903,468.66)	2.020%
4 April	246,574.24		(\$121,789.16)	(1,601.00)	(890,150.87)	(780,284.57)	2.020%
5 May	73,975.70		(\$108,040.90)	(1,527.00)	(925,743.08)	(815,876.78)	2.020%
6 June	168,150.08		(\$107,459.08)	(1,507.00)	(866,559.08)	(756,692.78)	2.020%
7 July	149,820.81		(\$135,360.75)	(1,447.00)	(853,546.03)	(743,679.73)	2.020%
8 August	100,880.67		(\$125,287.71)	(1,457.00)	(879,410.07)	(769,543.77)	2.020%
9 September	82,137.15		(\$100,178.01)	(1,496.00)	(898,946.94)	(789,080.64)	2.020%
10 October	165,067.07		(\$113,838.77)	(1,470.00)	(849,188.64)	(739,322.34)	2.020%
11 November	55,818.83		(\$142,382.06)	(1,502.00)	(937,253.87)	(827,387.57)	2.020%
12 December	187,590.43		(\$184,316.54)	(1,575.00)	(935,554.98)	(825,688.68)	2.020%
2018 totals	\$ 1,732,895.00	\$ -	\$ (1,621,794.66)	\$ (18,933.00)			
1 January	143,757.98		(\$182,287.49)	(1,607.00)	(975,691.49)	(865,825.19)	2.020%
2 February	186,586.69		(\$155,030.07)	(1,616.00)	(945,750.87)	(835,884.57)	2.020%
3 March	220,717.84		(\$144,741.14)	(1,528.00)	(871,302.17)	(761,435.87)	2.020%
4 April	265,618.71		(\$120,737.56)	(1,345.00)	(727,766.02)	(617,899.72)	2.020%
5 May	92,883.12		(\$106,669.34)	(1,237.00)	(742,789.24)	(632,922.94)	2.020%
6 June	199,721.00		(\$106,107.55)	(1,172.00)	(650,347.78)	(540,481.48)	2.020%
7 July	161,345.03		(\$133,966.24)	(1,072.00)	(624,040.99)	(514,174.69)	2.020%
8 August	115,527.14		(\$123,712.68)	(1,057.00)	(633,283.53)	(523,417.23)	2.020%
9 September	103,096.71		(\$98,374.82)	(1,062.00)	(629,623.65)	(519,757.35)	2.020%
10 October	218,733.20		(\$112,073.88)	(970.00)	(523,934.33)	(414,068.03)	2.020%
11 November	80,020.54		(\$141,137.95)	(933.00)	(585,984.73)	(476,118.43)	2.020%
12 December	204,940.04		(\$183,461.38)	(968.00)	(565,474.07)	(455,607.77)	2.020%
2019 totals	\$ 1,992,948.00	\$ -	\$ (1,608,300.09)	\$ (14,567.00)			
1 January	78,304.67		(\$182,287)	(1,039.00)	(670,495.89)	(560,629.59)	2.020%
2 February	123,277.10		(\$155,030)	(1,155.00)	(703,403.86)	(593,537.56)	2.020%
3 March	145,156.31		(\$144,741)	(1,184.00)	(704,172.69)	(594,306.39)	2.020%
4 April	158,407.28		(\$120,738)	(1,154.00)	(667,656.97)	(557,790.67)	2.020%
5 May	56,264.71		(\$106,669)	(1,166.00)	(719,227.60)	(609,361.30)	2.020%
6 June	116,963.19		(\$106,108)	(1,202.00)	(709,573.96)	(599,707.66)	2.020%
7 July	93,611.30		(\$133,966)	(1,228.00)	(751,156.90)	(641,290.60)	2.020%
8 August	64,521.16		(\$123,713)	(1,314.00)	(811,662.42)	(701,796.12)	2.020%
9 September	71,689.58		(\$98,375)	(1,389.00)	(839,736.66)	(729,870.36)	2.020%
10 October	110,370.91		(\$112,074)	(1,415.00)	(842,854.64)	(732,988.34)	2.020%
11 November	41,293.45		(\$141,138)	(1,503.00)	(944,202.13)	(834,335.83)	2.020%
12 December	139,084.35		(\$183,461)	(1,627.00)	(990,206.16)	(880,339.86)	2.020%
2020 totals	\$ 1,198,944.00	\$ -	\$ (1,608,300.09)	\$ (15,376.00)			
Pgm FA Totals	\$ 16,581,085.40	\$ 109,866.30	\$ (17,397,054.56)	\$ (174,237.00)	\$ (990,206.16)	\$ (880,339.86)	

Rocky Mountain Power
WYOMING Demand-Side Management
Deferred Balancing Account Forecast - Current Rate of 2.59%

	Monthly Program				Cash Basis	Accrual Basis	Deposit
	Costs - Fixed	Accrued		Carrying	Accumulated	Accumulated	
	Assets	Costs	Rate Recovery	Charge	Balance	Balance	Rate
2008 totals	\$ 9,395.58	\$ -	\$ -	\$ 25.00			
2009 totals	\$ 346,990.96	\$ -	\$ (1,074,375.10)	\$ (13,313.00)			
2010 totals	\$ 957,268.24	\$ -	\$ (1,104,823.72)	\$ (18,163.00)			
2011 totals	\$ 1,185,194.52	\$ 74,717.53	\$ (2,859.38)	\$ (8,481.00)			
2012 totals	\$ 1,562,782.67	\$ (1,495.53)	\$ (1,061,931.53)	\$ 7,392.00			
2013 totals	\$ 1,460,207.23	\$ 7,567.07	\$ (2,242,085.90)	\$ 9,603.00			
2014 totals	\$ 1,634,392.67	\$ 116,945.63	\$ (3,184,738.97)	\$ (14,245.00)			
2015 totals	\$ 2,153,102.90	\$ (69,361.98)	\$ (516,622.42)	\$ (6,782.00)			
2016 totals	\$ 3,027,319.84	\$ 105,583.90	\$ (1,555,515.83)	\$ 12,309.00			
1 January	190,615.17	(91,090.40)	(144,930.86)	2,668.00	1,610,399.07	1,753,265.29	2.020%
2 February	203,964.32	61,907.18	(131,789.95)	2,772.00	1,685,345.44	1,890,118.84	2.020%
3 March	245,952.53	(33,855.52)	(129,488.82)	2,935.00	1,804,744.15	1,975,662.03	2.020%
4 April	248,299.82	55.71	(192,309.95)	3,085.00	1,863,819.02	2,034,792.61	2.020%
5 May	148,020.87	10,825.69	(283,810.77)	3,023.00	1,731,052.12	1,912,851.40	2.020%
6 June	349,527.48	(8,714.94)	(294,875.36)	2,960.00	1,788,664.24	1,961,748.58	2.020%
7 July	266,452.65	49,360.30	(301,793.41)	2,981.00	1,756,304.48	1,978,749.12	2.020%
8 August	328,633.54	(139,187.40)	(320,289.88)	2,963.00	1,767,611.14	1,850,868.38	2.020%
9 September	336,767.24		(299,743.44)	3,007.00	1,807,641.95	1,890,899.19	2.020%
10 October	422,247.60		(298,760.57)	3,147.00	1,934,275.97	2,017,533.21	2.020%
11 November	340,798.20		(286,957.39)	3,301.00	1,991,417.79	2,074,675.03	2.020%
12 December	589,177.34		(302,966.28)	3,593.00	2,281,221.85	2,364,479.09	2.020%
2017 totals	\$ 3,670,456.76	\$ (150,699.38)	\$ (2,987,716.67)	\$ 36,435.00			
1 January	87,844.30		(\$316,433)	3,648.00	2,056,281.36	2,139,538.60	2.020%
2 February	174,383.42		(\$285,081)	3,368.00	1,948,951.67	2,032,208.91	2.020%
3 March	454,687.07		(\$302,145)	3,409.00	2,104,902.42	2,188,159.66	2.020%
4 April	474,075.50		(\$279,826)	3,707.00	2,302,858.95	2,386,116.19	2.020%
5 May	283,978.65		(\$296,596)	3,866.00	2,294,107.54	2,377,364.78	2.020%
6 June	394,946.76		(\$293,399)	3,947.00	2,399,601.97	2,482,859.21	2.020%
7 July	320,760.71		(\$310,969)	4,048.00	2,413,441.49	2,496,698.73	2.020%
8 August	229,136.22		(\$313,575)	3,992.00	2,332,994.74	2,416,251.98	2.020%
9 September	405,049.82		(\$292,142)	4,022.00	2,449,925.02	2,533,182.26	2.020%
10 October	259,160.03		(\$290,956)	4,097.00	2,422,226.31	2,505,483.55	2.020%
11 November	272,413.09		(\$278,172)	4,073.00	2,420,540.01	2,503,797.25	2.020%
12 December	498,751.44		(\$304,089)	4,238.00	2,619,440.71	2,702,697.95	2.020%
2018 totals	\$ 3,855,187.00	\$ -	\$ (3,563,383.14)	\$ 46,415.00			
1 January	91,862.49		(\$315,366)	4,221.00	2,400,158.41	2,483,415.65	2.020%
2 February	182,245.10		(\$284,263)	3,954.00	2,302,094.05	2,385,351.29	2.020%
3 March	475,302.14		(\$301,321)	4,022.00	2,480,097.08	2,563,354.32	2.020%
4 April	495,564.09		(\$279,076)	4,357.00	2,700,942.37	2,784,199.61	2.020%
5 May	296,732.04		(\$295,937)	4,547.00	2,706,284.55	2,789,541.79	2.020%
6 June	412,941.27		(\$292,713)	4,657.00	2,831,169.34	2,914,426.58	2.020%
7 July	335,435.84		(\$309,768)	4,787.00	2,861,623.94	2,944,881.18	2.020%
8 August	239,618.46		(\$312,398)	4,756.00	2,793,600.17	2,876,857.41	2.020%
9 September	423,568.45		(\$291,105)	4,814.00	2,930,877.96	3,014,135.20	2.020%
10 October	270,865.20		(\$289,867)	4,918.00	2,916,794.64	3,000,051.88	2.020%
11 November	284,642.37		(\$277,276)	4,916.00	2,929,076.88	3,012,334.12	2.020%
12 December	521,113.55		(\$303,177)	5,114.00	3,152,126.98	3,235,384.22	2.020%
2019 totals	\$ 4,029,891.00	\$ -	\$ (3,552,267.73)	\$ 55,063.00			
1 January	101,403.71		(\$315,366)	5,126.00	2,943,290.89	3,026,548.13	2.020%
2 February	186,499.20		(\$284,263)	4,872.00	2,850,398.63	2,933,655.87	2.020%
3 March	483,618.11		(\$301,321)	4,952.00	3,037,647.64	3,120,904.88	2.020%
4 April	506,286.44		(\$279,076)	5,305.00	3,270,163.27	3,353,420.51	2.020%
5 May	307,245.84		(\$295,937)	5,514.00	3,286,986.25	3,370,243.49	2.020%
6 June	430,762.21		(\$292,713)	5,649.00	3,430,683.98	3,513,941.22	2.020%
7 July	342,584.49		(\$309,768)	5,803.00	3,469,303.22	3,552,560.46	2.020%
8 August	247,865.71		(\$312,398)	5,786.00	3,410,556.70	3,493,813.94	2.020%
9 September	434,598.51		(\$291,105)	5,862.00	3,559,912.55	3,643,169.79	2.020%
10 October	297,677.35		(\$289,867)	5,999.00	3,573,722.39	3,656,979.63	2.020%
11 November	299,570.02		(\$277,276)	6,035.00	3,602,051.28	3,685,308.52	2.020%
12 December	533,478.22		(\$303,177)	6,257.00	3,838,609.04	3,921,866.28	2.020%
2020 totals	\$ 4,171,589.80	\$ -	\$ (3,552,267.73)	\$ 67,160.00			
Pgm FA Totals	\$ 28,063,779.17	\$ 83,257.24	\$ (24,398,588.13)	\$ 173,418.00	\$ 3,838,609.04	\$ 3,921,866.28	

Rocky Mountain Power
WYOMING Demand-Side Management
Deferred Balancing Account Forecast - Current Rate of 0.79%

	Monthly Program				Cash Basis	Accrual Basis	
	Costs - Fixed	Accrued		Carrying	Accumulated	Accumulated	Deposit
	Assets	Costs	Rate Recovery	Charge	Balance	Balance	Rate
2008 totals	\$ 32,767.30	\$ -	\$ -	\$ 110.00			
2009 totals	\$ 331,408.16	\$ -	\$ (1,316,479.33)	\$ (16,603.00)			
2010 totals	\$ 887,295.38	\$ -	\$ (1,344,607.17)	\$ (26,801.00)			
2011 totals	\$ 1,116,877.40	\$ 108,089.97	\$ (60,043.12)	\$ (18,944.00)			
2012 totals	\$ 1,032,507.33	\$ (47,891.40)	\$ (1,044,535.41)	\$ (2,314.00)			
2013 totals	\$ 1,640,642.53	\$ 8,398.74	\$ (1,392,031.77)	\$ (9,548.00)			
2014 totals	\$ 1,382,005.35	\$ 87,490.30	\$ (1,733,305.92)	\$ (7,495.00)			
2015 totals	\$ 2,279,591.07	\$ 13,648.99	\$ (1,727,635.00)	\$ (8,702.00)			
2016 totals	\$ 4,031,723.83	\$ 140,347.93	\$ (1,707,108.46)	\$ 6,112.00			
1 January	250,367.98	(64,792.18)	(164,428.62)	3,986.00	2,414,812.53	2,660,104.88	2.020%
2 February	370,512.40	36,991.69	(131,185.10)	4,266.00	2,658,405.83	2,940,689.87	2.020%
3 March	195,872.18	91,142.47	(133,281.65)	4,528.00	2,725,524.36	3,098,950.87	2.020%
4 April	476,072.01	(54,513.32)	(\$206,785.11)	4,815.00	2,999,626.26	3,318,539.45	2.020%
5 May	760,447.60	(53,734.97)	(\$242,039.39)	5,486.00	3,523,520.47	3,788,698.69	2.020%
6 June	384,562.96	79,404.17	(\$291,813.19)	6,009.00	3,622,279.24	3,966,861.63	2.020%
7 July	200,631.79	(37,940.34)	(\$310,461.66)	6,005.00	3,518,454.37	3,825,096.42	2.020%
8 August	503,510.20	(87,832.87)	(\$263,574.80)	6,125.00	3,764,514.77	3,983,323.95	2.020%
9 September	186,482.47		(\$295,370.72)	6,245.00	3,661,871.52	3,880,680.70	2.020%
10 October	234,097.92		(\$294,500.54)	6,113.00	3,607,581.90	3,826,391.08	2.020%
11 November	190,817.66		(\$271,769.73)	6,005.00	3,532,634.83	3,751,444.01	2.020%
12 December	324,993.62		(\$269,133.14)	5,994.00	3,594,489.32	3,813,298.50	2.020%
2017 totals	\$ 4,078,368.79	\$ (91,275.35)	\$ (2,874,343.64)	\$ 65,577.00			
1 January	349,062.33		(\$282,427.61)	6,107.00	3,667,231.04	3,886,040.22	2.020%
2 February	327,762.33		(\$265,277.18)	6,226.00	3,735,942.19	3,954,751.37	2.020%
3 March	458,122.37		(\$287,177.35)	6,433.00	3,913,320.21	4,132,129.39	2.020%
4 April	417,457.25		(\$282,728.10)	6,701.00	4,054,750.35	4,273,559.53	2.020%
5 May	289,497.20		(\$281,777.60)	6,832.00	4,069,301.95	4,288,111.13	2.020%
6 June	637,064.36		(\$271,372.86)	7,158.00	4,442,151.45	4,660,960.63	2.020%
7 July	407,180.09		(\$288,372.91)	7,578.00	4,568,536.62	4,787,345.80	2.020%
8 August	284,284.70		(\$289,480.41)	7,686.00	4,571,026.91	4,789,836.09	2.020%
9 September	272,880.38		(\$282,781.90)	7,686.00	4,568,811.40	4,787,620.58	2.020%
10 October	381,219.28		(\$288,603.74)	7,769.00	4,669,195.93	4,888,005.11	2.020%
11 November	441,540.89		(\$280,478.39)	7,995.00	4,838,253.43	5,057,062.61	2.020%
12 December	1,733,928.81		(\$281,627.78)	9,367.00	6,299,921.46	6,518,730.64	2.020%
2018 totals	\$ 6,000,000.00	\$ -	\$ (3,382,105.86)	\$ 87,538.00			
1 January	346,727.02		(\$286,131.69)	10,656.00	6,371,172.79	6,589,981.97	2.020%
2 February	325,427.02		(\$268,983.39)	10,772.00	6,438,388.41	6,657,197.59	2.020%
3 March	457,558.68		(\$291,568.82)	10,978.00	6,615,356.27	6,834,165.45	2.020%
4 April	416,329.85		(\$287,164.37)	11,245.00	6,755,766.75	6,974,575.93	2.020%
5 May	286,598.20		(\$286,260.56)	11,372.00	6,767,476.39	6,986,285.57	2.020%
6 June	638,997.04		(\$272,309.70)	11,701.00	7,145,864.73	7,364,673.91	2.020%
7 July	405,972.17		(\$283,910.00)	12,132.00	7,280,058.90	7,498,868.08	2.020%
8 August	281,385.70		(\$285,525.40)	12,251.00	7,288,170.20	7,506,979.38	2.020%
9 September	269,820.32		(\$278,273.79)	12,261.00	7,291,977.72	7,510,786.90	2.020%
10 October	379,608.72		(\$284,832.96)	12,355.00	7,399,108.47	7,617,917.65	2.020%
11 November	440,735.61		(\$277,238.90)	12,593.00	7,575,198.19	7,794,007.37	2.020%
12 December	1,750,839.69		(\$278,120.84)	13,991.00	9,061,908.04	9,280,717.22	2.020%
2019 totals	\$ 6,000,000.00	\$ -	\$ (3,380,320.42)	\$ 142,307.00			
1 January	350,236.14		(\$286,131.69)	15,308.00	9,141,320.48	9,360,129.66	2.020%
2 February	320,749.61		(\$268,983.39)	15,431.00	9,208,517.69	9,427,326.87	2.020%
3 March	450,957.80		(\$291,568.82)	15,635.00	9,383,541.67	9,602,350.85	2.020%
4 April	413,108.91		(\$287,164.37)	15,902.00	9,525,388.21	9,744,197.39	2.020%
5 May	288,665.05		(\$286,260.56)	16,036.00	9,543,828.70	9,762,637.88	2.020%
6 June	643,525.42		(\$272,309.70)	16,378.00	9,931,422.42	10,150,231.60	2.020%
7 July	401,039.25		(\$283,910.00)	16,816.00	10,065,367.67	10,284,176.85	2.020%
8 August	281,433.95		(\$285,525.40)	16,940.00	10,078,216.23	10,297,025.41	2.020%
9 September	270,257.53		(\$278,273.79)	16,958.00	10,087,157.96	10,305,967.14	2.020%
10 October	402,338.51		(\$284,832.96)	17,079.00	10,221,742.50	10,440,551.68	2.020%
11 November	446,717.59		(\$277,238.90)	17,349.00	10,408,570.19	10,627,379.37	2.020%
12 December	1,730,970.46		(\$278,120.84)	18,744.00	11,880,163.81	12,098,972.99	2.020%
2020 totals	\$ 6,000,000.20	\$ -	\$ (3,380,320.42)	\$ 198,576.00			
Pgm FA Totals	\$ 34,813,187.34	\$ 218,809.18	\$ (23,342,836.53)	\$ 409,813.00	\$ 11,880,163.81	\$ 12,098,972.99	

Exhibit F

Rocky Mountain Power
WYOMING Demand-Side Management
Deferred Balancing Account Forecast - Proposed Rate of 1.21%

	Monthly Program				Cash Basis	Accrual Basis	Deposit Rate
	Costs - Fixed	Accrued	Rate Recovery	Carrying	Accumulated	Accumulated	
	Assets	Costs		Charge	Balance	Balance	
2008 totals	\$ 17,336.75	\$ -	\$ -	\$ 144.00			
2009 totals	\$ 665,193.24	\$ -	\$ (1,679,071.73)	\$ (19,621.00)			
2010 totals	\$ 964,589.61	\$ -	\$ (1,725,346.69)	\$ (30,533.00)			
2011 totals	\$ 1,561,103.39	\$ 249,349.68	\$ 5,896.58	\$ (20,869.00)			
2012 totals	\$ 1,291,463.29	\$ (89,196.50)	\$ (1,159,438.35)	\$ (2,151.00)			
2013 totals	\$ 1,361,968.40	\$ 4,536.94	\$ (1,594,257.72)	\$ (7,561.00)			
2014 totals	\$ 1,615,521.85	\$ 15,674.92	\$ (1,592,051.06)	\$ (7,354.00)			
2015 totals	\$ 1,666,365.42	\$ 34,469.83	\$ (1,585,463.26)	\$ (5,379.00)			
2016 totals	\$ 1,116,041.75	\$ (153,692.01)	\$ (1,596,434.62)	\$ (9,517.00)			
1 January	20,967.55	46,229.63	(200,670.30)	(1,446.00)	(950,572.90)	(843,200.41)	2.020%
2 February	24,194.60	45,000.00	(164,228.45)	(1,718.00)	(1,092,324.75)	(939,952.26)	2.020%
3 March	82,233.78	20,065.27	(139,990.29)	(1,887.00)	(1,151,968.26)	(979,530.50)	2.020%
4 April	104,139.12	(10,304.10)	(114,853.00)	(1,948.00)	(1,164,630.14)	(1,002,496.48)	2.020%
5 May	121,970.27	(60,889.00)	(109,015.89)	(1,950.00)	(1,153,625.76)	(1,052,381.10)	2.020%
6 June	83,154.66	10,924.86	(107,244.37)	(1,962.00)	(1,179,677.47)	(1,067,507.95)	2.020%
7 July	87,673.68	(8,037.06)	(122,852.23)	(2,015.00)	(1,216,871.02)	(1,112,738.56)	2.020%
8 August	81,790.04	5,733.84	(128,429.11)	(2,088.00)	(1,265,598.09)	(1,155,731.79)	2.020%
9 September	199,464.11		(100,948.86)	(2,048.00)	(1,169,130.84)	(1,059,264.54)	2.020%
10 October	185,077.17		(115,613.88)	(1,910.00)	(1,101,577.55)	(991,711.25)	2.020%
11 November	202,126.96		(144,069.48)	(1,805.00)	(1,045,325.07)	(935,458.77)	2.020%
12 December	203,922.76		(184,577.01)	(1,743.00)	(1,027,722.32)	(917,856.02)	2.020%
2017 totals	\$ 1,396,714.70	\$ 48,723.44	\$ (1,632,492.87)	\$ (22,520.00)			
1 January	122,094.39		(\$182,417.38)	(1,781.00)	(1,089,826.31)	(979,960.01)	2.020%
2 February	175,616.45		(\$130,463.44)	(1,797.00)	(1,046,470.30)	(936,604.00)	2.020%
3 March	205,169.21		(\$122,228.51)	(1,692.00)	(965,221.60)	(855,355.30)	2.020%
4 April	246,574.24		(\$102,336.72)	(1,503.00)	(822,487.09)	(712,620.79)	2.020%
5 May	73,975.70		(\$90,784.37)	(1,399.00)	(840,694.76)	(730,828.46)	2.020%
6 June	168,150.08		(\$90,295.48)	(1,350.00)	(764,190.16)	(654,323.86)	2.020%
7 July	149,820.81		(\$113,740.63)	(1,256.00)	(729,365.98)	(619,499.68)	2.020%
8 August	100,880.67		(\$105,276.48)	(1,231.00)	(734,992.80)	(625,126.50)	2.020%
9 September	82,137.15		(\$84,177.36)	(1,239.00)	(738,272.01)	(628,405.71)	2.020%
10 October	165,067.07		(\$95,656.18)	(1,184.00)	(670,045.13)	(560,178.83)	2.020%
11 November	55,818.83		(\$119,640.48)	(1,182.00)	(735,048.78)	(625,182.48)	2.020%
12 December	187,590.43		(\$154,877.09)	(1,210.00)	(703,545.44)	(593,679.14)	2.020%
2018 totals	\$ 1,732,895.00	\$ -	\$ (1,391,894.12)	\$ (16,824.00)			
1 January	143,757.98		(\$153,172.13)	(1,192.00)	(714,151.59)	(604,285.29)	2.020%
2 February	186,586.69		(\$130,268.32)	(1,155.00)	(658,988.23)	(549,121.93)	2.020%
3 March	220,717.84		(\$121,622.76)	(1,026.00)	(560,919.15)	(451,052.85)	2.020%
4 April	265,618.71		(\$101,453.09)	(806.00)	(397,559.52)	(287,693.22)	2.020%
5 May	92,883.12		(\$89,631.87)	(666.00)	(394,974.28)	(285,107.98)	2.020%
6 June	199,721.00		(\$89,159.81)	(572.00)	(284,985.09)	(175,118.79)	2.020%
7 July	161,345.03		(\$112,568.85)	(439.00)	(236,647.91)	(126,781.61)	2.020%
8 August	115,527.14		(\$103,953.01)	(389.00)	(225,462.79)	(115,596.49)	2.020%
9 September	103,096.71		(\$82,662.18)	(362.00)	(205,390.26)	(95,523.96)	2.020%
10 October	218,733.20		(\$94,173.19)	(241.00)	(81,071.25)	28,795.05	2.020%
11 November	80,020.54		(\$118,595.08)	(169.00)	(119,814.79)	(9,948.49)	2.020%
12 December	204,940.04		(\$154,158.52)	(159.00)	(69,192.27)	40,674.03	2.020%
2019 totals	\$ 1,992,948.00	\$ -	\$ (1,351,418.83)	\$ (7,176.00)			
1 January	78,304.67		(\$153,172)	(179.00)	(144,238.72)	(34,372.42)	2.020%
2 February	123,277.10		(\$130,268)	(249.00)	(151,478.95)	(41,612.65)	2.020%
3 March	145,156.31		(\$121,623)	(235.00)	(128,180.40)	(18,314.10)	2.020%
4 April	158,407.28		(\$101,453)	(168.00)	(71,394.21)	38,472.09	2.020%
5 May	56,264.71		(\$89,632)	(148.00)	(104,909.38)	4,956.92	2.020%
6 June	116,963.19		(\$89,160)	(153.00)	(77,259.00)	32,607.30	2.020%
7 July	93,611.30		(\$112,569)	(146.00)	(96,362.56)	13,503.74	2.020%
8 August	64,521.16		(\$103,953)	(195.00)	(135,989.41)	(26,123.11)	2.020%
9 September	71,689.58		(\$82,662)	(238.00)	(147,200.01)	(37,333.71)	2.020%
10 October	110,370.91		(\$94,173)	(234.00)	(131,236.29)	(21,369.99)	2.020%
11 November	41,293.45		(\$118,595)	(286.00)	(208,823.92)	(98,957.62)	2.020%
12 December	139,084.35		(\$154,159)	(364.00)	(224,262.10)	(114,395.80)	2.020%
2020 totals	\$ 1,198,944.00	\$ -	\$ (1,351,418.83)	\$ (2,595.00)			
Pgm FA Totals	\$ 16,581,085.40	\$ 109,866.30	\$ (16,653,391.50)	\$ (151,956.00)	\$ (224,262.10)	\$ (114,395.80)	

Rocky Mountain Power
WYOMING Demand-Side Management
Deferred Balancing Account Forecast - Proposed Rate of 3.58%

	Monthly Program				Cash Basis	Accrual Basis	Deposit Rate
	Costs - Fixed	Accrued	Rate Recovery	Carrying	Accumulated	Accumulated	
	Assets	Costs		Charge	Balance	Balance	
2008 totals	\$ 9,395.58	\$ -	\$ -	\$ 25.00			
2009 totals	\$ 346,990.96	\$ -	\$ (1,074,375.10)	\$ (13,313.00)			
2010 totals	\$ 957,268.24	\$ -	\$ (1,104,823.72)	\$ (18,163.00)			
2011 totals	\$ 1,185,194.52	\$ 74,717.53	\$ (2,859.38)	\$ (8,481.00)			
2012 totals	\$ 1,562,782.67	\$ (1,495.53)	\$ (1,061,931.53)	\$ 7,392.00			
2013 totals	\$ 1,460,207.23	\$ 7,567.07	\$ (2,242,085.90)	\$ 9,603.00			
2014 totals	\$ 1,634,392.67	\$ 116,945.63	\$ (3,184,738.97)	\$ (14,245.00)			
2015 totals	\$ 2,153,102.90	\$ (69,361.98)	\$ (516,622.42)	\$ (6,782.00)			
2016 totals	\$ 3,027,319.84	\$ 105,583.90	\$ (1,555,515.83)	\$ 12,309.00			
1 January	190,615.17	(91,090.40)	(144,930.86)	2,668.00	1,610,399.07	1,753,265.29	2.020%
2 February	203,964.32	61,907.18	(131,789.95)	2,772.00	1,685,345.44	1,890,118.84	2.020%
3 March	245,952.53	(33,855.52)	(129,488.82)	2,935.00	1,804,744.15	1,975,662.03	2.020%
4 April	248,299.82	55.71	(192,309.95)	3,085.00	1,863,819.02	2,034,792.61	2.020%
5 May	148,020.87	10,825.69	(283,810.77)	3,023.00	1,731,052.12	1,912,851.40	2.020%
6 June	349,527.48	(8,714.94)	(294,875.36)	2,960.00	1,788,664.24	1,961,748.58	2.020%
7 July	266,452.65	49,360.30	(301,793.41)	2,981.00	1,756,304.48	1,978,749.12	2.020%
8 August	328,633.54	(139,187.40)	(320,289.88)	2,963.00	1,767,611.14	1,850,868.38	2.020%
9 September	336,767.24		(299,743.44)	3,007.00	1,807,641.95	1,890,899.19	2.020%
10 October	422,247.60		(298,760.57)	3,147.00	1,934,275.97	2,017,533.21	2.020%
11 November	340,798.20		(286,957.39)	3,301.00	1,991,417.79	2,074,675.03	2.020%
12 December	589,177.34		(302,966.28)	3,593.00	2,281,221.85	2,364,479.09	2.020%
2017 totals	\$ 3,670,456.76	\$ (150,699.38)	\$ (2,987,716.67)	\$ 36,435.00			
1 January	87,844.30		(\$316,433)	3,648.00	2,056,281.36	2,139,538.60	2.020%
2 February	174,383.42		(\$394,050)	3,277.00	1,839,891.44	1,923,148.68	2.020%
3 March	454,687.07		(\$417,637)	3,128.00	1,880,069.36	1,963,326.60	2.020%
4 April	474,075.50		(\$386,786)	3,238.00	1,970,596.37	2,053,853.61	2.020%
5 May	283,978.65		(\$409,967)	3,211.00	1,847,819.28	1,931,076.52	2.020%
6 June	394,946.76		(\$405,548)	3,102.00	1,840,319.92	1,923,577.16	2.020%
7 July	320,760.71		(\$429,834)	3,006.00	1,734,252.77	1,817,510.01	2.020%
8 August	229,136.22		(\$433,436)	2,747.00	1,532,700.33	1,615,957.57	2.020%
9 September	405,049.82		(\$403,810)	2,581.00	1,536,521.60	1,619,778.84	2.020%
10 October	259,160.03		(\$402,170)	2,466.00	1,395,977.15	1,479,234.39	2.020%
11 November	272,413.09		(\$384,501)	2,256.00	1,286,145.41	1,369,402.65	2.020%
12 December	498,751.44		(\$420,323)	2,231.00	1,366,804.41	1,450,061.65	2.020%
2018 totals	\$ 3,855,187.00	\$ -	\$ (4,804,495.44)	\$ 34,891.00			
1 January	91,862.49		(\$435,911)	2,011.00	1,024,766.89	1,108,024.13	2.020%
2 February	182,245.10		(\$392,920)	1,548.00	815,639.84	898,897.08	2.020%
3 March	475,302.14		(\$416,498)	1,422.00	875,866.08	959,123.32	2.020%
4 April	495,564.09		(\$385,750)	1,567.00	987,247.61	1,070,504.85	2.020%
5 May	296,732.04		(\$409,056)	1,567.00	876,491.06	959,748.30	2.020%
6 June	412,941.27		(\$404,600)	1,482.00	886,314.23	969,571.47	2.020%
7 July	335,435.84		(\$428,174)	1,414.00	794,990.21	878,247.45	2.020%
8 August	239,618.46		(\$431,809)	1,176.00	603,975.53	687,232.77	2.020%
9 September	423,568.45		(\$402,376)	1,035.00	626,202.65	709,459.89	2.020%
10 October	270,865.20		(\$400,665)	945.00	497,347.94	580,605.18	2.020%
11 November	284,642.37		(\$383,262)	754.00	399,482.33	482,739.57	2.020%
12 December	521,113.55		(\$419,064)	758.00	502,290.06	585,547.30	2.020%
2019 totals	\$ 4,029,891.00	\$ -	\$ (4,910,084.36)	\$ 15,679.00			
1 January	101,403.71		(\$435,911)	564.00	168,346.75	251,603.99	2.020%
2 February	186,499.20		(\$392,920)	110.00	(37,964.20)	45,293.04	2.020%
3 March	483,618.11		(\$416,498)	(7.00)	29,149.01	112,406.25	2.020%
4 April	506,286.44		(\$385,750)	151.00	149,836.88	233,094.12	2.020%
5 May	307,245.84		(\$409,056)	167.00	48,194.14	131,451.38	2.020%
6 June	430,762.21		(\$404,600)	103.00	74,459.24	157,716.48	2.020%
7 July	342,584.49		(\$428,174)	53.00	(11,077.13)	72,180.11	2.020%
8 August	247,865.71		(\$431,809)	(173.00)	(195,193.57)	(111,936.33)	2.020%
9 September	434,598.51		(\$402,376)	(301.00)	(163,272.38)	(80,015.14)	2.020%
10 October	297,677.35		(\$400,665)	(362.00)	(266,621.94)	(183,364.70)	2.020%
11 November	299,570.02		(\$383,262)	(519.00)	(350,832.90)	(267,575.66)	2.020%
12 December	533,478.22		(\$419,064)	(494.00)	(236,912.50)	(153,655.26)	2.020%
2020 totals	\$ 4,171,589.80	\$ -	\$ (4,910,084.36)	\$ (708.00)			
Pgm FA Totals	\$ 28,063,779.17	\$ 83,257.24	\$ (28,355,333.67)	\$ 54,642.00	\$ (236,912.50)	\$ (153,655.26)	

Exhibit G

ROCKY MOUNTAIN POWER

~~First~~Second Revision of Sheet No. 191-1
Canceling ~~Original~~First Revision of Sheet No. 191-1

P.S.C. Wyoming No. 16

Customer Efficiency Service Charge Schedule 191

Available

In all territory served by the Company in the State of Wyoming.

Applicable

This schedule shall be applicable to retail tariff Customers taking service under the terms contained in this tariff.

Monthly Billing

Standard Service Customers

In addition to the Monthly Billing charges and provisions of the applicable rate schedule applied in determining a Customer's electric bill, all monthly bills for customers receiving service under the following rate schedules shall have applied the following percentage increases when calculating a Customer's total monthly bill:

Schedule 2	1. 44 <u>21</u> %
Schedule 15	2.593.58 %
Schedule 18	1. 44 <u>21</u> %
Schedule 25	2.593.58 %
Schedule 28	2.593.58 %
Schedule 33	0.79%
Schedule 40	2.593.58 %
Schedule 46	0.79%
Schedule 48T	0.79%
Schedule 51	2.593.58 %
Schedule 53	2.593.58 %
Schedule 54	2.593.58 %
Schedule 57	2.593.58 %
Schedule 58	2.593.58 %
Schedule 207	2.593.58 %
Schedule 210	2.593.58 %
Schedule 211	2.593.58 %
Schedule 212	2.593.58 %
Schedule 213	2.593.58 %

(continued)

Issued by
Jeffrey K. Larsen, Vice President, Regulation

Issued: ~~March 1~~September 28, 2017

Effective: With service rendered
on and after ~~April 1, 2017~~February 1, 2018

WY_191-1.ELEG

Dkt. No. 20000-~~502~~ -EA-~~176~~

ROCKY MOUNTAIN POWER

First Revision of Sheet No. 191-2
Canceling Original Sheet No. 191-2

P.S.C. Wyoming No. 16

Customer Efficiency Service Charge Schedule 191

Balancing Account Accounting

Revenues collected through Schedule 191 will recover costs incurred for the delivery of Demand Side Management (DSM) programs to defined customer categories through the use of three separate DSM balancing accounts:

DSM Balancing Account Category 1

Residential Schedules 2 and 18

DSM Balancing Account Category 2

Non-residential Schedules 25, 28, 40, 210 and all lighting Schedules

DSM Balancing Account Category 3

Non-residential Schedules 33, 46, 48T

A balancing account shall track DSM program costs and activities for ~~each of the three customer categories~~ Categories 1 and 2. FERC account 182.3 will be debited each month, within the appropriate balancing account, to reflect expenditures incurred in the delivery of DSM program activities.

DSM program expenditures will be recovered through Schedule 191 revenues received. Schedule 191 charges will appear on customer bills as a separate line item entitled "Customer Efficiency Services". The amount of the service charges collected from ~~each customer category~~ Categories 1 and 2 will be amortized on a monthly basis (in concert with the posting of program activity expenditures) to expense by debiting FERC Acct 908.5 (Customer Assistance Expense) with an equal and offsetting credit posted to the appropriate balancing account settling to FERC account 182.3.

Category 1 and 2 Interest Charges

Balancing account balances are subject to reciprocal interest charges to account for over or under collections of Schedule 191 revenues in relation to DSM program expenditures.

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ROCKY MOUNTAIN POWER

First Revision of Sheet No. 191-2
Canceling Original Sheet No. 191-2

P.S.C. Wyoming No. 16

Customer Efficiency
Service Charge
Schedule 191

(continued)

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P.S.C. Wyoming No. 16

Customer Efficiency Service Charge Schedule 191

Category 1 and 2 Interest Charges (continued)

When the balancing account is in a debit position (the running balance of Schedule 191 revenues collected including the accumulated interest to date is less than program expenditures posted to a particular balancing account), interest revenue is recorded to FERC account 419.4 monthly, with the offsetting debit to the balancing account (resulting in an increase in the receivable balance).

When the balancing account is in a credit position (the running balance of Schedule 191 revenues collected including the accumulated interest charges to date is greater than the program expenditures posted to a particular balancing account), interest expense is recorded as a debit to expense FERC account 431.3 and a Credit to the regulatory asset 182.3 (resulting in a decrease in the receivable balance). The interest rate is Rocky Mountain Power's filed Schedule 300 Customer Deposit Interest on Deposit Rate for the year in which the Schedule 191 revenues and DSM costs are received and incurred.

Category 3 Accounting

Category 3 expenditures will be capitalized and amortized over a ten year period, with a carrying charge applied to the unamortized balance that is equal to the Company's pretax Rate of Return from the ordered Capital Structure & Cost in the Company's most recent general rate proceeding. Unamortized costs will be carried in a regulatory asset balancing account.

Demand Side Management 3-Year Plan and Program Adjustments

DSM acquisition shall be approved on a 3-year planning cycle that includes energy savings targets and budget estimates. The Company shall administer a diverse portfolio of DSM programs and offerings to manage towards energy savings targets outlined in the most recently approved 3-Year DSM Plan ("Plan"). The Company will manage to the Plan, adjusting programs and offerings as necessary to administer a cost-effective portfolio, and reasonably manage within committed energy savings and budget targets.

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P.S.C. Wyoming No. 16

Customer Efficiency Service Charge Schedule 191

~~Customer Efficiency Services Charge Adjustments~~

~~Annual Adjustments~~

~~Annually the Company shall file DSM balancing account reports for each of the three customer categories identified in this Schedule. The reports will reconcile Schedule 191 revenues received from each customer category to the corresponding DSM program expenditures (including any interest adjustments) and provide a year-end balance summary. The year-end balance within each DSM balancing account, in conjunction with forecasted DSM program expenditures for the following twelve months, will be the basis for proposed adjustments to Schedule 191. Annual adjustments will be proposed as necessary to reasonably ensure that each of the three respective DSM balancing accounts maintain as close to a zero balance on an annual basis as is reasonably possible.~~

(continued)

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First Revision of Sheet No. 191-4
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P.S.C. Wyoming No. 16

Customer Efficiency Service Charge Schedule 191

Customer Efficiency Service Charge Adjustments

The Plan will serve as a guideline for DSM acquisition and spending, and will continually be impacted by customer participation and market conditions (i.e. changes in material costs, product availability, price competition, etc.). Accordingly, to the extent that the Company projects there will be a material difference in spending relative to the Plan (i.e. exceeding more than a 10 percent increase to the budget), the Company will 1) notify interested parties with a detailed explanation for the deviation, 2) obtain input for any necessary actions that should be taken, and 3) submit adjustments for the Commission's review and approval, if necessary.

Demand Side Management Reporting

The Company will provide annual and quarterly reports, as well as periodic updates to interested parties as necessary. Quarterly balancing account and promotional material reports will be provided within 45 days after the end of each quarter, and the Energy Efficiency and Peak Reduction Report will be provided by the end of the second quarter each calendar year. Notices of completed third-party program evaluations will also be provided as they get published. The purpose of these reports are to summarize program participation, expenditures, impacts, cost-effectiveness, and evaluation, management, and verification processes.

Annual Adjustments (continued)

Proposed annual adjustments will be made in conjunction with DSM program progress reports to be delivered to the Public Service Commission of Wyoming annually following the implementation of DSM programs in Wyoming. The first report will be delivered on April 30, 2010, the second on April 30, 2011, and the third on July 1, 2012. Annual program progress reports and adjustments will occur until such time Schedule 191 is no longer in effect or the reporting guidelines are changed through a future Company filing.

Other Adjustments

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First Revision of Sheet No. 191-4
Canceling Original Sheet No. 191-4

P.S.C. Wyoming No. 16

Customer Efficiency Service Charge Schedule 191

~~Other adjustments to Schedule 191 customer collection percentages may be required outside of the annual review and adjustment process to offset changes in forecasted Schedule 191 revenues as a result of rate case tariff changes, power cost adjustment tariff changes, and other related tariff changes.~~

Rules

~~Service under this Schedule is subject to the General Rules contained in the tariff of which this Schedule is part, and to those prescribed by the Wyoming Public Service Commission.~~

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ROCKY MOUNTAIN POWER

Second Revision of Sheet No. 191-1
Canceling First Revision of Sheet No. 191-1

P.S.C. Wyoming No. 16

Customer Efficiency Service Charge Schedule 191

Available

In all territory served by the Company in the State of Wyoming.

Applicable

This schedule shall be applicable to retail tariff Customers taking service under the terms contained in this tariff.

Monthly Billing

Standard Service Customers

In addition to the Monthly Billing charges and provisions of the applicable rate schedule applied in determining a Customer's electric bill, all monthly bills for customers receiving service under the following rate schedules shall have applied the following percentage increases when calculating a Customer's total monthly bill:

Schedule 2	1.21%
Schedule 15	3.58%
Schedule 18	1.21%
Schedule 25	3.58%
Schedule 28	3.58%
Schedule 33	0.79%
Schedule 40	3.58%
Schedule 46	0.79%
Schedule 48T	0.79%
Schedule 51	3.58%
Schedule 53	3.58%
Schedule 54	3.58%
Schedule 57	3.58%
Schedule 58	3.58%
Schedule 207	3.58%
Schedule 210	3.58%
Schedule 211	3.58%
Schedule 212	3.58%
Schedule 213	3.58%

(continued)

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First Revision of Sheet No. 191-2
Canceling Original Sheet No. 191-2

P.S.C. Wyoming No. 16

Customer Efficiency Service Charge Schedule 191

Balancing Account Accounting

Revenues collected through Schedule 191 will recover costs incurred for the delivery of Demand Side Management (DSM) programs to defined customer categories through the use of three separate DSM balancing accounts:

DSM Balancing Account Category 1

Residential Schedules 2 and 18

DSM Balancing Account Category 2

Non-residential Schedules 25, 28, 40, 210 and all lighting Schedules

DSM Balancing Account Category 3

Non-residential Schedules 33, 46, 48T

A balancing account shall track DSM program costs and activities for Categories 1 and 2. FERC account 182.3 will be debited each month, within the appropriate balancing account, to reflect expenditures incurred in the delivery of DSM program activities.

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P.S.C. Wyoming No. 16

Customer Efficiency Service Charge Schedule 191

Category 1 and 2 Interest Charges (continued)

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(continued)

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Canceling Original Sheet No. 191-4

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Customer Efficiency Service Charge Schedule 191

Customer Efficiency Service Charge Adjustments

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Exhibit H

ROCKY MOUNTAIN POWER
EXHIBIT H
ESTIMATED EFFECT OF PROPOSED SCHEDULE 191 REVISION
ON REVENUES FROM ELECTRIC SALES TO ULTIMATE CONSUMERS IN WYOMING
DISTRIBUTED BY RATE SCHEDULE
HISTORIC TEST PERIOD 12 MONTHS ENDED JUNE 2014
FORECAST TEST PERIOD 12 MONTHS ENDED DECEMBER 2015

Line No.	Description (1)	Present Schedule Number (2)	Average No. of Customers Forecast (3)	KWH (000) Forecast (4)	Present		Proposed		Net Change	
					Schedule 191 Rate % (6)	Schedule 191 Revenue (\$000) (7)	Schedule 191 Rate % (8)	Schedule 191 Revenue (\$000) (9)	Change (\$000) (10)	Change % (11)
	Residential					(6)*(5)		(8)*(5)		(10)/(5)
1	Residential Service	2/18	113,874	1,051,642		\$114,330		\$1,383	(\$263)	-0.2%
2	Total Residential		113,874	1,051,642	1.44%	\$114,330		\$1,383	(\$263)	-0.2%
	Commercial, Industrial & Irrigation									
3	Small General Service	25	22,950	295,182	2.59%	\$28,695	3.58%	\$1,027	\$284	1.0%
4	General Service	28	4,408	1,366,057	2.59%	\$111,071	3.58%	\$3,976	\$1,100	1.0%
5	Partial Requirements Service	33	9	1,508,515	0.79%	\$93,988	0.79%	\$743	\$0	0.0%
6	Agricultural Pumping Service	40	673	21,320	2.59%	\$1,794	3.58%	\$64	\$18	1.0%
7	Agricultural Pumping Service	210	97	3,560	2.59%	\$282	3.58%	\$10	\$3	1.0%
8	Large General Service kW>1,000	46	81	2,061,284	0.79%	\$136,003	0.79%	\$1,074	\$0	0.0%
9	Large General Service - Transmission	48	28	3,543,601	0.79%	\$209,073	0.79%	\$1,652	\$0	0.0%
10	Recreational Field Lighting	54	51	669	2.59%	\$50		\$2	\$0	1.0%
11	Total Commercial, Industrial & Irrigation		28,298	8,800,188		\$580,957		\$8,548	\$1,405	0.2%
	Lighting									
12	Outdoor Area Lighting Service	15	2,746	3,733	2.59%	\$541	3.58%	\$19	\$5	1.0%
13	Street Lighting Service	51	178	4,976	2.59%	\$1,011	3.58%	\$36	\$10	1.0%
14	Street Lighting Service	53	253	3,715	2.59%	\$460	3.58%	\$16	\$5	1.0%
15	Street Lighting Service	57	18	266	2.59%	\$54	3.58%	\$2	\$1	1.0%
16	Street Lighting Service	58	43	1,228	2.59%	\$75	3.58%	\$3	\$1	1.0%
17	Security Area Lighting	207	230	356	2.59%	\$86	3.58%	\$3	\$1	1.0%
18	Street Lighting - Company	211	52	1,442	2.59%	\$359	3.58%	\$13	\$4	1.0%
19	Street Lighting - Customer	212	5	34	2.59%	\$5	3.58%	\$0	\$0	1.0%
20	Traffic Signal Systems	213	14	59	2.59%	\$3	3.58%	\$0	\$0	1.0%
21	Metered Outdoor Night Lighting	213	12	428	2.59%	\$27	3.58%	\$1	\$0	1.0%
22	Total Lighting		3,550	16,236		\$2,622		\$94	\$26	1.0%
23	AGA (Revenue Credit)		0	0		\$4,119				
24	Total Sales to Ultimate Consumers		145,722	9,868,067		\$702,028		\$10,026	\$1,168	0.2%

Exhibit I

Wyoming Category 3 DSM Deferral & Amortization by DSM Category
10-Year Amortization Proposal

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Beginning Balance ¹	\$ 3,813,299	\$ 6,963,734	\$ 10,443,586	\$ 14,285,226	\$ 16,853,896	\$ 18,922,566	\$ 20,491,236	\$ 21,559,906	\$ 22,128,576	\$ 22,197,247	\$ 21,765,917	\$ 21,515,917	\$ 21,365,917	\$ 21,315,917	\$ 21,315,917
Annual DSM Spend ²	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
Amortization	\$ (681,330)	\$ (1,281,330)	\$ (1,881,330)	\$ (2,431,330)	\$ (2,931,330)	\$ (3,431,330)	\$ (3,931,330)	\$ (4,431,330)	\$ (4,931,330)	\$ (5,431,330)	\$ (5,250,000)	\$ (5,150,000)	\$ (5,050,000)	\$ (5,000,000)	\$ (5,000,000)
Carrying Charge	\$ 532,541	\$ 860,173	\$ 1,221,960	\$ 1,538,722	\$ 1,767,874	\$ 1,947,611	\$ 2,077,933	\$ 2,158,842	\$ 2,190,335	\$ 2,172,415	\$ 2,138,747	\$ 2,118,981	\$ 2,109,099	\$ 2,106,628	\$ 2,106,628
Estimated Collections	\$ (3,382,106)	\$ (3,380,320)	\$ (3,380,320)	\$ (3,970,052)	\$ (4,699,203)	\$ (5,378,941)	\$ (6,009,263)	\$ (6,590,171)	\$ (7,121,665)	\$ (7,603,745)	\$ (7,388,747)	\$ (7,268,981)	\$ (7,159,099)	\$ (7,106,628)	\$ (7,106,628)
Ending Balance	\$ 6,963,734	\$ 10,443,586	\$ 14,285,226	\$ 16,853,896	\$ 18,922,566	\$ 20,491,236	\$ 21,559,906	\$ 22,128,576	\$ 22,197,247	\$ 21,765,917	\$ 21,515,917	\$ 21,365,917	\$ 21,315,917	\$ 21,315,917	\$ 21,315,917
Surcharge Rate	0.79%	0.79%	0.79%	0.93%	1.09%	1.25%	1.41%	1.53%	1.67%	1.78%	1.72%	1.70%	1.67%	1.66%	1.66%
Estimated Total Collections	\$ 3,382,106	\$ 3,380,320	\$ 3,380,320	\$ 3,970,052	\$ 4,699,203	\$ 5,378,941	\$ 6,009,263	\$ 6,590,171	\$ 7,121,665	\$ 7,603,745	\$ 7,388,747	\$ 7,268,981	\$ 7,159,099	\$ 7,106,628	\$ 7,106,628

Wyoming Pretax ROR ³

10.397%

Footnotes:

- 1 Beginning Balance is amortized over 10 yrs.
2 Annual DSM Spend is amortized over 10 yrs.
3 Carrying Charge equals Wyoming Pretax ROR from Ordered Capital Structure & Cost From Docket Number 20000-469-ER-15.
- 1 Surcharge Rate estimated for 2021 and beyond is only an estimate and is based on the load forecast from 2019 and assumed program expenditures of \$5m annually
2 Actual surcharge rate for 2021 and beyond will be determined during 2020 in conjunction with the 3 year planning process.

Notes: