



1407 W North Temple, Suite 310  
Salt Lake City, Utah 84114

June 1, 2023

***VIA ELECTRONIC FILING***

Utah Public Service Commission  
Heber M. Wells Building, 4<sup>th</sup> Floor  
160 East 300 South  
Salt Lake City, UT 84114

Attention: Gary Widerburg  
Commission Administrator

**RE: Docket No. 23-035-27 – Rocky Mountain Power’s 2023 Wildland Fire Cost and Compliance Report**

Pursuant to Utah Code § 54-24-201(4) and 54-24-202(2) and Administrative Code R746-315-3, PacifiCorp, d.b.a. Rocky Mountain Power, (“the Company”) hereby submits its 2023 Wildland Fire Cost and Compliance Report (“Report”). In accordance with R746-315-3(1)(iii), the Report contains a request to initiate rates under Electric Service Schedule No. 97 – Wildfire Mitigation Balancing Account to collect the deferred balance associated with the incremental revenue requirement for the capital investments and expenses to implement its approved wildland fire protection plan that is not included in base rates.

The Company respectfully requests that all formal correspondence and requests for additional information regarding this filing be addressed to the following:

By E-mail (preferred): [datarequest@pacificorp.com](mailto:datarequest@pacificorp.com)  
[utahdockets@pacificorp.com](mailto:utahdockets@pacificorp.com)  
[jana.saba@pacificorp.com](mailto:jana.saba@pacificorp.com)  
[ajay.kumar@pacificorp.com](mailto:ajay.kumar@pacificorp.com)

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

Informal inquiries may be directed to Jana Saba at (801) 220-2823.

Sincerely,

Joelle Steward  
Senior Vice President, Regulation and Customer & Community Solutions

**CERTIFICATE OF SERVICE**

Docket No. 23-035-27

I hereby certify that on June 1, 2023, a true and correct copy of the foregoing was served by electronic mail to the following:

**Utah Office of Consumer Services**

Michele Beck [mbeck@utah.gov](mailto:mbeck@utah.gov)  
[ocs@utah.gov](mailto:ocs@utah.gov)

**Division of Public Utilities**

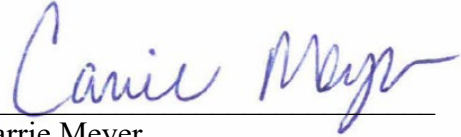
[dpudatarequest@utah.gov](mailto:dpudatarequest@utah.gov)

**Assistant Attorney General**

Patricia Schmid [pschmid@agutah.gov](mailto:pschmid@agutah.gov)  
Robert Moore [rmoore@agutah.gov](mailto:rmoore@agutah.gov)

**Rocky Mountain Power**

Data Request Response Center [datarequest@pacificorp.com](mailto:datarequest@pacificorp.com)  
Jana Saba [jana.saba@pacificorp.com](mailto:jana.saba@pacificorp.com)  
[utahdockets@pacificorp.com](mailto:utahdockets@pacificorp.com)



Carrie Meyer  
Adviser, Regulatory Operations

# Utah Wildland Fire Protection Plan

## Cost and Compliance Report

*June 1, 2023*

# 1 INTRODUCTION

Consistent with UTAH CODE § 54-24-201(4), § 54-24-202(2), and R746-315-3, Rocky Mountain Power (“the Company”) submits this Annual Cost and Compliance Report (“Report”), which provides the following:

1. The actual capital investments and expenses incurred in calendar year 2022 to implement the Wildland Fire Protection Plan (“the Plan”) approved in Docket No. 20-035-28, and an updated forecast of the capital investments and expenses for the current year 2023.
2. Details of the wildfire mitigation efforts undertaken in 2022 in compliance with the Plan as approved in Docket No. 20-035-28.
3. Changes incorporated into the Plan during the previous year and the reason for the changes in accordance with the Public Service Commission of Utah’s October 13, 2020 order in Docket No. 20-035-28.
4. A request for cost recovery of the deferred costs associated with the implementation of the Plan that are incremental to the amount included in base rates.

Overall, Rocky Mountain Power made progress to reduce wildfire risk, and the Company continues to evaluate and measure the effectiveness of its wildfire mitigation programs.

## 2 CAPITAL AND O&M EXPENDITURES, FORECASTS AND PLAN UPDATES

### 2.1 CAPITAL SPEND SUMMARY

In 2022, Rocky Mountain Power invested \$78 million of capital spend into the Wildfire Mitigation programs described in this report and accounted for in Table 1 below.

**Table 1 : Wildland Fire Protection Implementation Summary – Capital Actuals and Forecast**

Mitigation Program (\$ Millions)	2022			2023		
	Actuals	Budget	Variance	Forecast	Budget	Variance
<b>Distribution</b>						
Advanced Protection	\$3.0	\$2.5	\$0.5	\$3.5	\$3.2	\$0.3
Environmental	\$0.6	\$0.5	\$0.1	\$0.8	\$0.5	\$0.3
Inspections and Corrections	\$11.0	\$4.5	\$6.5	\$7.8	\$4.8	\$3.0
Situational Awareness	\$3.8	\$1.5	\$2.3	\$2.0	\$2.0	\$0.0
System Hardening	\$37.1	\$41.6	(\$4.5)	\$45.0	\$29.0	\$16.0

Operational Practices	\$1.2	\$0.0	\$1.2	\$0.2	\$0.0	\$0.2
<b>Total Distribution</b>	<b>\$56.7</b>	<b>\$50.6</b>	<b>\$6.1</b>	<b>\$59.3</b>	<b>\$39.5</b>	<b>\$19.8</b>
<b>Transmission</b>						
Advanced Protection	\$0.8	\$0.5	\$0.3	\$0.5	\$0.3	\$0.2
Environmental	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Inspections and Corrections	\$0.2	\$0.2	\$0.0	\$0.2	\$0.2	\$0.0
Situational Awareness	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
System Hardening	\$20.6	\$20.0	\$0.6	\$35.0	\$25.0	\$10.0
Operational Practices	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total Transmission</b>	<b>\$21.6</b>	<b>\$20.7</b>	<b>\$0.9</b>	<b>\$35.7</b>	<b>\$25.5</b>	<b>\$10.2</b>
<b>Total Costs</b>	<b>\$78.3</b>	<b>\$71.3</b>	<b>\$7.0</b>	<b>\$95.0</b>	<b>\$65.0</b>	<b>\$30.0</b>

In 2022, Rocky Mountain Power spent \$78.3 million compared to a \$71.3 million plan. For the current year, 2023, Rocky Mountain Power is forecasting to spend \$95.0 million, which is approximately \$30.0 million above budget. The increase in both years is due to a combination of rephasing of projects delayed in 2020-2021, updated project scopes, expanded mitigation efforts, additional condition corrections and general cost increases associated with inflation. Details of scope and efforts are described throughout this document. Investment in new data analytics tools also impacted forecasts for 2023 and upcoming years.

From 2020 to 2022, Rocky Mountain Power spent \$127.6 million in capital programs designed to mitigate wildfire risks in Utah. This compares to the \$138.2 million originally estimated for the first three years as outlined in the 2020 Utah Wildland Plan. Rocky Mountain Power has currently budgeted \$65 million for 2023 and 2024 for continued efforts to mitigate wildfire risks. Table 2 below provides a summary of actuals and planned capital expenditures.

**Table 2 : Wildland Fire Protection Implementation Summary – Capital Budget 2020-2024**

Mitigation Program (\$ Millions)	2020 Actuals	2021 Actuals	2022 Actuals	2023 Budget	2024 Budget	Totals
<b>Distribution</b>						
Advanced Protection	\$4.1	\$2.0	\$3.0	\$3.2	\$1.0	\$13.3
Environmental	\$0.0	\$0.1	\$0.6	\$0.5	\$0.5	\$1.7
Inspections and	\$2.2	\$4.7	\$11.0	\$4.8	\$5.0	\$27.7

Corrections						
Situational Awareness	\$1.4	\$2.0	\$3.8	\$2.0	\$2.0	\$11.2
System Hardening	\$10.0	\$8.0	\$37.1	\$29.0	\$31.3	\$115.4
Operational Practices	\$2.4	\$1.2	\$1.2	\$0.0	\$0.0	\$4.8
<b>Total Distribution</b>	<b>\$20.1</b>	<b>\$18.0</b>	<b>\$56.7</b>	<b>\$39.5</b>	<b>\$39.8</b>	<b>\$174.1</b>
<b>Transmission</b>						
Advanced Protection	\$0.0	\$0.7	\$0.8	\$0.3	\$0.0	\$1.8
Environmental	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Inspections and Corrections	\$0.0	\$0.1	\$0.2	\$0.2	\$0.2	\$0.7
Situational Awareness	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
System Hardening	\$5.8	\$4.7	\$20.6	\$25.0	\$25.0	\$81.1
Vegetation Management	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total Transmission</b>	<b>\$5.8</b>	<b>\$5.5</b>	<b>\$21.6</b>	<b>\$25.5</b>	<b>\$25.2</b>	<b>\$83.6</b>
<b>Total Costs</b>	<b>\$25.9</b>	<b>\$23.5</b>	<b>\$78.3</b>	<b>\$65.0</b>	<b>\$65.0</b>	<b>\$257.7</b>
Original 2020 Plan Estimate	\$37.4	\$50.7	\$50.1	\$40.5	\$27.7	\$206.4
<b>Variance</b>	<b>(\$11.5)</b>	<b>(\$27.2)</b>	<b>\$28.2</b>	<b>\$24.5</b>	<b>\$37.3</b>	<b>\$51.4</b>

While the table above shows the planned spend up to 2024, the company is also preparing to submit an updated Wildland Fire Protection Plan by October 2023, which will include an updated forecast for future years. To offset costs and mitigate impact to customers, Rocky Mountain Power has applied for federal grants available through the Department of Energy Grid Resilience and Innovation Partnership Program created under the recently passed Federal Infrastructure Investment and Jobs Act. Awards are anticipated to be made by end of 2023. Additional information, if known at the time of the filing, will be included in the future Wildland Fire Protection Plan.

## 2.2 O&M SPEND SUMMARY

In 2022, Rocky Mountain Power spent approximately \$12 million in operation and maintenance (O&M) activities for Wildfire Mitigation as shown in Table 1 below.

**Table 3 : Utah Wildland Fire Protection Implementation Summary – O&M Actuals & Budget**

Mitigation Program (\$ Millions)	2022			2023		
	Actuals	Budget	Variance	Forecast	Budget	Variance
<b>Distribution</b>						
Advanced Protection	\$0.1	\$0.2	(\$0.1)	\$0.1	\$0.2	(\$0.1)
Environmental	\$0.3	\$0.4	(\$0.1)	\$0.5	\$0.4	\$0.1
Inspections and Corrections	\$4.9	\$1.9	\$3.0	\$4.1	\$1.9	\$2.2
Situational Awareness	\$3.7	\$0.4	\$3.3	\$3.5	\$3.0	\$0.5
System Hardening	\$0.0	\$0.2	(\$0.2)	\$0.0	\$0.2	(\$0.2)
Vegetation Management	\$2.7	\$1.3	\$1.4	\$2.7	\$1.3	\$1.4
<b>Total Distribution</b>	<b>\$11.7</b>	<b>\$4.4</b>	<b>\$7.3</b>	<b>\$10.9</b>	<b>\$7.0</b>	<b>\$3.9</b>
<b>Transmission</b>						
Advanced Protection	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Environmental	\$0.0	\$0.1	(\$0.1)	\$0.0	\$0.1	(\$0.1)
Inspections and Corrections	\$0.4	\$0.2	\$0.2	\$0.5	\$0.2	\$0.3
Situational Awareness	\$0.0	\$0.0	\$0.0	\$0.1	\$0.0	\$0.1
System Hardening	\$0.1	\$0.0	\$0.1	\$0.1	\$0.0	\$0.1
Vegetation Management	\$0.1	\$0.2	(\$0.1)	\$0.1	\$0.2	(\$0.1)
<b>Total Transmission</b>	<b>\$0.6</b>	<b>\$0.5</b>	<b>\$0.1</b>	<b>\$0.8</b>	<b>\$0.5</b>	<b>\$0.3</b>
<b>Total Costs</b>	<b>\$12.3</b>	<b>\$4.9</b>	<b>\$7.4</b>	<b>\$11.7</b>	<b>\$7.5</b>	<b>\$4.2</b>

In 2022, O&M expenses total \$12.3 million, which is about \$7.0 million above the plan. This increase is primarily due to additional inspections, patrolling, and vegetation management in areas of high fire risk which contributed to an additional \$3.7 million spent under our inspections and vegetation management programs. Furthermore, when a condition is identified through an inspection, a condition correction is planned. Depending on the type of condition and repair work required, the corrective work may fall under either the capital or O&M expense. For example, a pole replacement would be a capital expenditure, but tightening of guy lines or replacing signage would be considered

expense. Since the type of correction is unknown before the actual inspection takes place, Rocky Mountain Power uses an estimate in planning and forecasting. Therefore, the actual costs can vary from the plan based on the type of correction required, which is true of the 2022 variance. The remaining \$3.4 million spent over plan is associated with weather modeling and risk area forecasting software, which were not originally planned and forecasted. More details on weather modeling and forecasting software is provided later in this report.

Current approved plans have allocated \$5.0 million for 2023 and 2024 for continued efforts to mitigate wildfire risks. It is anticipated that actual expenses for future years will be similar to 2022 actuals. Total O&M actual and plan expenses are shown in Table 4.

**Table 4 : Utah Wildland Fire Protection Implementation Summary – O&M Budget 2020-2024**

Mitigation Program (\$ Millions)	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2024 Budget	Total
<b>Distribution</b>						
Advanced Protection	\$0.0	\$0.1	\$0.1	\$0.2	\$0.2	\$0.6
Environmental	\$0.0	\$0.3	\$0.3	\$0.4	\$0.4	\$1.4
Inspections and Corrections	\$2.6	\$1.3	\$4.9	\$1.9	\$4.3	\$15.0
Situational Awareness	\$0.2	\$0.4	\$3.7	\$3.0	\$3.3	\$10.6
System Hardening	\$0.0	\$0.1	\$0.0	\$0.2	\$0.2	\$0.5
Vegetation Management	\$0.0	\$2.8	\$2.7	\$1.3	\$2.1	\$8.9
<b>Total Distribution</b>	<b>\$2.8</b>	<b>\$5.0</b>	<b>\$11.7</b>	<b>\$7.0</b>	<b>\$10.5</b>	<b>\$37.0</b>
<b>Transmission</b>						
Advanced Protection	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Environmental	\$0.0	\$0.0	\$0.0	\$0.1	\$0.1	\$0.2
Inspections and Corrections	\$0.7	\$0.8	\$0.4	\$0.2	\$0.2	\$2.3
Situational Awareness	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
System Hardening	\$0.3	\$0.1	\$0.1	\$0.0	\$0.0	\$0.5
Vegetation Management	\$0.0	\$0.1	\$0.1	\$0.2	\$0.2	\$0.6
<b>Total Transmission</b>	<b>\$1.0</b>	<b>\$1.0</b>	<b>\$0.6</b>	<b>\$0.5</b>	<b>\$0.5</b>	<b>\$3.6</b>
<b>Total Costs</b>	<b>\$3.8</b>	<b>\$6.0</b>	<b>\$12.3</b>	<b>\$7.5</b>	<b>\$11.0</b>	<b>\$40.6</b>



Original 2020 Estimate	\$4.3	\$5.0	\$4.8	\$4.9	\$4.9	\$23.9
Variance	(\$0.5)	\$1.0	\$7.5	\$2.6	\$6.1	\$16.7

While the table above shows the planned spend up to 2024, the company will be filing its new Wildland Fire Protection plan in October 2023, which will include an updated forecast for future years.

## 3 COMPLIANCE WITH THE PLAN

### 3.1 OPERATIONAL PRACTICES

#### 3.1.1 Wildfire Training Facility

In 2020, Rocky Mountain Power constructed a comprehensive wildfire transmission and distribution training center. Wildfire mitigation programs include the installation of new technology such as covered conductor, advanced detection devices and weather stations which require new training. Therefore, the training center has space to perform training, equipment testing, and analysis which includes a pole yard. This training yard allows for personnel to get hands-on training and practice installing equipment such as covered conductor before going out to the field and is a vital component to operations. Since the facility was built, it has housed training for covered conductor installation and other programs.

#### 3.1.2 Wildfire Vehicles and Equipment

In 2022, Rocky Mountain Power purchased and upgraded several vehicles that will be used for inspections and patrolling of fire risk areas. In addition, Rocky Mountain Power purchased a side by side, equipment trailers, and mobile cellular devices on trailers know as Cell on Wheels (COW).

### 3.2 INSPECTION AND CORRECTION PROGRAM

#### 3.2.1 Distribution and Transmission Facility Point Inspection and Correction

In 2022, Rocky Mountain Power continued inspections processes which included the inspection of all poles inside of the Fire High Consequence Area (FHCA) in accordance with Rocky Mountain Power’s general inspection policies and procedures.

**Table 3 : Utah Wildland Fire Protection Implementation Summary – Conditions found in 2022**

Area	Fire Risk	Condition	Correction Timeframe	Outstanding Conditions*	Corrected Conditions
FHCA	Yes	A - Imminent	Dispatch correction immediately		52

FHCA	Yes	A	60 days average	47	252
FHCA	Yes	B	12 months	495	667
FHCA	No	A	120 days average	44	332
FHCA	No	B	not specified	4,885	701
<b>2022 FHCA</b>				<b>5,471</b>	<b>2,004</b>

*\*Outstanding conditions as of December 31, 2022*

Currently, there are 542 total outstanding fire-risk conditions identified in 2022. These conditions are a priority and scheduled to be corrected when locations can be safely accessed by line operations.

### **3.2.2 Transmission Infrared Inspection**

In 2020, Rocky Mountain Power implemented an enhanced infrared inspection program to provide insight into conditions that may not be visually observable through a traditional visual or detailed inspection. Infrared inspections are scheduled when peak loading is expected on the transmission lines so that they have the greatest opportunity to detect a potential “hotspot”. In 2022, as part of this continued program, approximately 230 transmission line miles located in the higher risk area of the FHCA were inspected. In addition, inspections expanded to include electrically connected lines to the FHCA.

## **3.3 VEGETATION INSPECTION AND MANAGEMENT**

Rocky Mountain Power implemented the new elements of its vegetation management program described in Section 4.2 of the 2020 Plan and performed annual vegetation inspections on all lines inside of the FHCA. While the actual overhead distribution mileage inside of the FHCA is approximately 500 miles, Rocky Mountain Power completes an inspection on the entire length of a circuit that crosses the FHCA and, therefore, inspected 1,208 overhead distribution line-miles as part of this program. Additionally, 218 miles of transmission lines in the FHCA were inspected. Vegetation contractors completed work identified through the inspections consistent with the Vegetation Management Standard Operating Procedures including the extended clearances as described in Table 13 of the plan submitted in 2020. As a result, a significant amount of clearance work was performed. 11,609 trees were pruned along the distribution circuits and 114 trees were pruned along transmission lines.

Most significantly, 1,276 trees were removed along the distribution circuits and another 82 trees were removed along the transmission lines. Trees were removed, either as inventory reduction or because of identification as high risk. High risk trees can fall-in and contact a conductor, taking the conductor down.

Another key element for the vegetation management program is the Company's pole clearing program initiated in 2020. In 2022, Rocky Mountain Power continued this program by clearing the bases of all 3,144 distribution equipment poles inside of the FHCA. Pole clearing consists of clearing all vegetation in a 10-foot radius cylinder of clear spare around the pole.

## **3.4 ENVIRONMENTAL PROGRAM**

### **3.4.1 Avian Protection Plan and Wildlife Protection Plan**

Rocky Mountain Power continued implementation of its pre-existing Utah Avian Protection Plan (APP) in 2022, retrofitting 3,996 poles in Utah to address avian electrocution risks. This work has the added benefits of reducing wildfire risk associated with bird or animal contacts. In addition, as part of the APP and in accordance with Company state and federal wildlife permits, the Company managed hazard nests to reduce potential fire risks.

Rocky Mountain Power also continued implementation of the incremental programs identified in its 2020 WPP. The WPP is intended to identify and mitigate areas where animal contacts with lines could pose wildfire risks. Planned line rebuilds and enhancements for wildfire protection within the FHCA will address the risk of wildfire associated with avian or animal contacts in these areas. Therefore, additional efforts are being focused on other areas where habitat and animal contacts may pose wildfire risks. Historical data was gathered for wildlife-caused outages and compared with wildfire risk areas in GIS. Based on this analysis, locations were prioritized for surveys and retrofitting. Field surveys were conducted at 256 poles on the EAH11 circuit and at 65 poles on the SMF10 circuit in the Smithfield district, and at the following circuits in the Ogden district: PVW11 (71 poles), UIN13 (29 poles), MCK11 (13 poles), EBH11 (19 poles), and CDW12 (3 poles). Retrofitting will be conducted at these circuits in 2023. Based on surveys conducted in 2021, retrofitting was completed in 2022 at 257 poles on the MGN11 circuit in Ogden and at 65 poles on the OKY11 circuit in Park City.

### **3.4.2 Enhancement and Fuels Reduction Partnership Projects**

During 2022, Rocky Mountain Power signed a cooperative agreement with Pheasants Forever as a partnership on the Intermountain West Joint Venture's (IWJV) forest habitat program. As part of this project, Rocky Mountain Power provided the IWJV with \$250,000 in 2022 for implementation of on-the-ground forest habitat/fire resiliency projects in the Bear River Watershed of northern Utah. These projects are intended to reduce fire risk to communities and infrastructure, improve habitat, and increase water quality and quantity, and overlaps with Rocky Mountain Power's facilities in fire risk areas.

In order to offset the loss of cavity nesting bird habitat through increased vegetation management, Rocky Mountain Power has partnered with HawkWatch International. Through their kestrel nest box program, HawkWatch International has erected and maintained over 600 nest boxes in northern Utah for kestrels, forest owls, and other cavity nesting birds. Rocky Mountain Power provided \$45,000 to HawkWatch International in 2022 for implementation of this nest box program.

## **3.5 SYSTEM HARDENING**

The Plan identified five primary categories for system hardening activities. The line rebuild projects are particularly central to Rocky Mountain Power's mitigation efforts, as reflected in the cost of those projects.

### **3.5.1 Line Rebuild Program**

The increased risk of wildland fires in western states prompted Rocky Mountain Power to focus standards development on tools and materials better suited for mitigating wildfire risk.

For decades, the dominant distribution overhead conductor used by U.S. utilities, including Rocky Mountain Power, has been bare wire. Covered conductors are useful in preventing arcing on a distribution line that can be caused by trees, animals, balloons, or any other kind of foreign objects that can contact powerlines. This results in both a prevention of ignition sources for fires and an improved reliability of the distribution line. As part of wildfire mitigation plan, Rocky Mountain Power plans to rebuild about 480 miles of distribution lines and 120 miles of transmission lines.

As of the end of 2022, Rocky Mountain Power has completed construction on 43 miles of distribution lines, which were undergrounded or constructed with covered conductor and steel poles. Rocky Mountain Power has also rebuilt 22.5 miles of transmission lines using steel poles.

Due to the complexity of most of the line rebuild projects, the environmental permitting process, limited construction season and current demand of materials, most line rebuilds will span two or more years.

### **3.5.2 Pole Replacement Program**

In 2022, 235 distribution poles within the FHCA were selected to be replaced. The poles selected were within the FHCA and had been installed for more than 45 years. The replacement of the poles reinforces the line segment and reduces the risk of a structural failure in a wildfire event. These pole replacements are in addition to other pole replacement initiatives and poles replaced through the line rebuild program.

### **3.5.3 Fire Mesh Wrap Installation**

In 2020, Rocky Mountain Power created a new policy to provide crews guidance on the installation of fire mesh wrap. This wrap can be installed on wood poles (either transmission or distribution) to protect the poles from fire damage in the event of a wildfire. To date, the Company has continued to leverage this policy and has installed wrap on about 400 transmission wood poles at critical locations. Fire wrap was installed in areas of fire concern that are outside the FHCA or installed temporary on poles inside the FHCA for fire protection until the wood poles are replaced with steel poles under the line rebuild program.

### **3.5.4 Relays for Advanced System Protection Program**

As part of the wildfire plan, Rocky Mountain Power plans on replacing distribution and transmission relays to increase performance and reliability. The company anticipates replacing all the relays with performance issues that are located in the FHCA. Similar to distribution relays, transmission relay upgrades replace existing electromechanical relays to facilitate a system that can react quicker when a fault occurs. These transmission relays also provide location information to dispatch operators allowing for quicker inspection and repair at the location of the fault.

To date, Rocky Mountain Power has replaced 37 distribution relays and 12 transmission relays. It anticipates replacing all remaining relays by the end of 2024.

### **3.5.5 Non-Expulsion Fuse Installation Program**

Rocky Mountain Power replaced 1,667 expulsion fuses in 2022 and 2,936 fuses have been replaced with non-expulsion fuses since the beginning of the plan in 2020. All 4,941 expulsion fuses in the FHCA are planned for replacement by the end of 2026. The work, which requires engineering design, is coordinated with parts of the distribution line rebuild projects.

## **3.6 SITUATIONAL AWARENESS PROGRAM**

### **3.6.1 Weather Stations**

In the 2021 Compliance Report, Rocky Mountain Power reported 31 weather stations completed and installed. Since then, Rocky Mountain Power has installed an additional 65 weather stations, bringing the total to 96 weather stations operational in Utah as of January 1, 2023. Weather station locations were selected to provide situational awareness and support weather forecasts of the areas of concern. Additionally, Rocky Mountain Power has obtained two additional portable weather stations, bringing the total to ten portable weather stations as of 2022. These portable stations can be quickly deployed to rapidly inform on weather situations where there may not

currently be a weather station installed.

For the next phase of weather station placement, Rocky Mountain Power plans to install 25 additional weather stations based on the recommendations of the internal meteorology team who generate the situational awareness reports which inform decision making. As the weather station network develops, it is continually evaluated for continual improvement.

An important component of the weather station network is the annual maintenance required to ensure the stations are operational. Any weather station installed within the last calendar year is required to be maintained. In 2022, the 31 weather stations completed and installed by the end of year 2021 had the annual calibrations completed. The annual maintenance includes replacement of damaged equipment and sensors, if discovered.

### **3.6.2 Cameras**

In 2021, Rocky Mountain Power installed 14 AlertWildfire camera systems to provide enhanced situational awareness of the Utah FHCA. AlertWildfire camera feeds can be viewed by the public at [www.alertwildfire.org/utah](http://www.alertwildfire.org/utah). A private platform that allows for full control of the camera systems is also available for use by fire suppression agencies, the Utah Division of Forestry, FFSL, Utah Emergency Management groups and other fire-fighting resources throughout the state of Utah. The cameras provide a live view of the FHCA in Rocky Mountain Power service territory, which complements Advanced Weather Forecasting software like Technosylva (described further in Section 3.6.3 below). In 2022, Rocky Mountain Power continued operations and maintenance of the camera systems. No events were detected during that timeframe.

### **3.6.3 Advanced Weather Forecasting, Analytics, and Situational Awareness**

Rocky Mountain Power has continued to improve its situational awareness capabilities, including dynamic risk assessments and forecast accuracy, which help to inform real time decision making. During times of elevated fire risk Rocky Mountain Power benefits from understanding the potential impact of rapidly changing environmental situations. Readily available and reliable operational tools are critical to enabling this capability. Therefore, Rocky Mountain Power is investing in data, data computing capabilities, and modeling software to support dynamic risk assessment through situational awareness and inform decision making.

In 2022, Rocky Mountain Power made significant progress in a 30-year historical record re-analysis of weather across Rocky Mountain Power's Utah service territory. Once complete, this will be a critical input for a new, Weather Research and Forecast (WRF) model that will provide twice-daily high-resolution forecasts across a 96-hour time horizon. To support the computational demands of such a system that will need

to process greater than one terabyte of data daily, the company began investing in High Performance Computing Clusters (HPCCs) in 2021, which became operational in November of 2021 and became fully redundant.

In addition to informing internal assessment and decision making, a digestible version of this data has been made available to employees, customers, and public safety partners through a public facing website. As the new data and tools become fully operational, modifications and improvement will be made to enhance customer and community awareness.

In 2021, Rocky Mountain Power initiated a six-month pilot project with Technosylva's Wildfire Analyst-Enterprise (WFA-E), a commercially available wildfire modeling software suite, to model wildfire consequence across Utah's highest fire risk. Based on successes in 2021, Rocky Mountain Power procured and implemented WFA-E more broadly in 2022 to include FireCast and FireSim, two seasonal fire models, as well as the Wildfire Risk Reduction Model (WRRM). FireCast and FireSim are currently used by the company to forecast the risk of wildfire and the potential behavior of a wildfire should it occur. WRRM, a quantitative risk model that associates wildfire hazards with the location of electric distribution overhead assets, is still being implemented and will be used in the future to inform long term investment planning and project prioritization.

## **3.7 PUBLIC SAFETY POWER SHUTOFF (PSPS)**

### **3.7.1 2020 and 2021 PSPS Experience**

In 2021 or 2020, Rocky Mountain Power did not de-energize any power lines as part of any Public Safety Power Shutoff ("PSPS"). During 2021, the Rocky Mountain Power Emergency Coordination Center (ECC) was activated for two separate PSPS watch events. During the watch events, field employees were dispatched to take real-time wind measurements, actively patrol lines, and monitor local conditions, which field personnel communicated back to ECC. While conditions did not warrant a PSPS in either case, these watch events continue to be useful real-world experiences that helped the Company prepare for the 2022 wildfire season. In each watch event in 2021, the Company notified affected customers 48 hours in advance, informing them of potential de-energization. Targeted media notices and follow-up releases were sent out, and customers were notified via outbound calls, texts and/or emails based on their preference. Notification information included updates on weather forecast conditions, criteria being monitored as part of the PSPS evaluation, actions taking place by operations personnel on the ground and restoration information. Rocky Mountain Power will employ the lessons learned in 2021 to continue effectively using this tool of last resort.

### **3.7.2 2022 PSPS Experience**

In 2022, Rocky Mountain Power did de-energize some power lines as part of a broader PSPS watch event where conditions escalated to a PSPS event for a subset of all of the circuits at risk.

On June 9, 2022, at 09:00 MDT, Rocky Mountain Power Emergency Coordination Center (ECC) was activated for a PSPS watch in response to forecasted conditions in the Cedar City district. The risk was a result of a combination of hot, dry weather and near record dry fuels in the district. The concern was primarily in areas of steep or complex terrain (mountainous areas). Meteorology identified a list of circuits in areas with significant fire risk which Operations reviewed and used to proactively patrol and correct deficiencies.

The PSPS Watch execution began at 16:30 MDT on June 15, 2022, as the forecast increased in intensity. Meteorology reports predicted very dry fuels and low humidity combined with drier isolated thunderstorms and microbursts moving into the effected districts that could likely elevate to extreme fire weather conditions. The area of focus was Cedar City, Dixie, Richfield, and Milford where a dynamic weather situation and a potential strong two-day wind event was forecast. A total of 56 circuits were identified, with 22 circuits assigned PSPS de-energization plans. During the event, the 22 original circuits was expanded to 28 circuits.

A Community Resource Center (CRC) was established in Iron County Utah at the Heritage Center with support from our vendor Fire Dawg and efforts made by regional business managers and emergency management. Rocky Mountain Power de-energization was conducted on two partial circuits impacting eight total commercial accounts. ECC decision to de-energize took place at 11:10 am.

Re-energization was complete following improved weather forecast. ECC decision to re-energization one circuit took place at 3:20 pm the other at 4:30 pm.

The PSPS Watch ended at 15:45 MDT on June 18, 2022, with the RMP ECC closing at 17:30 MDT on the same day as the PSPS threat passed and the weather forecast changed to a more favorable condition.

### **3.8 EMERGENCY MANAGEMENT AND RESPONSE**

During 2021, Rocky Mountain Power was able to leverage new support from recently hired emergency management staff to further develop relationships in Iron, Salt Lake, Utah, Wasatch and Summit Counties in Utah. A Community Resource Center demonstration was conducted in Summit County, with participation from operations, regional business management and local public safety partners. Additionally, the Rocky Mountain Power ECC was activated, and personnel participated in a tabletop scenario for a Public Safety Power Shutoff affecting customers in the Wasatch

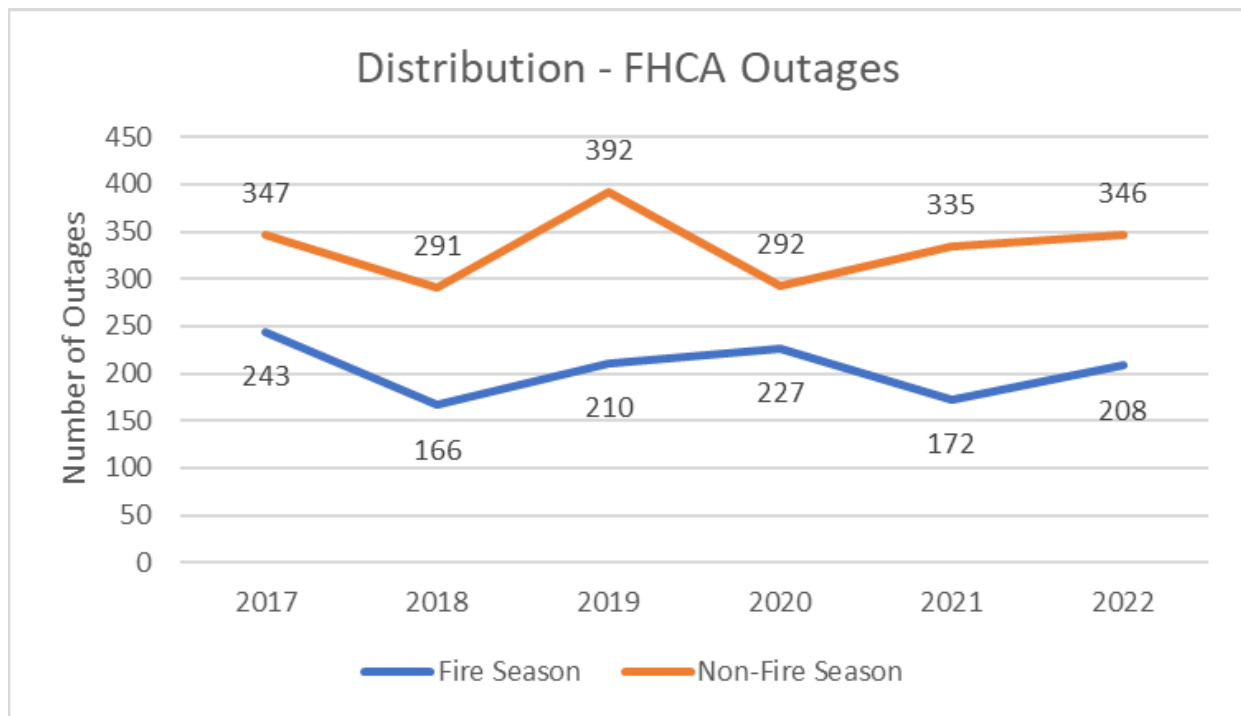


Mountain State Park proactive de-energization zone.

In 2022, Rocky Mountain Power conducted three Public Safety Power Shutoff tabletop exercises. The first exercise on March 2, 2022 was conducted for Iron County and included 21 participants from state and local level public safety partners. The second exercise on March 30, 2022 was conducted for Wasatch Back counties and attended by 26 participants from state and local level public safety partners. The third exercise on April 27, 2022 was conducted for Wasatch front counties and attended by 16 participants from state and local level public safety partners.

### 3.9 PERFORMANCE METRICS AND MONITORING

A key metric for evaluating the effectiveness of mitigation strategies, especially as projects are completed every year, will be the outages during fire season inside of the FHCA. The below graphs illustrate the outages inside the FHCA both in and out of fire season.



**Figure 1 : Plot of Distribution Outage Data in FHCA**

While the above graph depicts two key metrics for evaluating the effectiveness of mitigation strategies in the short term, meaningful metrics and trend analysis to inform long term effectiveness will take time. For example, inspections and vegetation management have been completed inside FHCA regions, many of the line rebuilds are still underway and the benefits have not yet been realized. Rocky Mountain Power

expects that benefits associated with these efforts will become apparent in generalized outage data over several years following completion of the work. Therefore, it is expected that year on year comparisons may be one point of reference, but that an overall long-term trend may provide better insight. For example, distribution outages associated with ignition risk drivers have declined from 2017 to 2022, but there is considerable variability in annual performance. This variability can be attributed to several factors including weather patterns and storm intensity, vegetation growth, or an increase in vehicle collisions with PacifiCorp equipment. In 2022, for example, nine distribution outages associated with ignition risk drivers within FHCA during fire season were caused by wind compared to five in 2021 and fifty-one in 2020 due to a catastrophic windstorm in September 2020. Therefore, an annual or year-to-year analysis does not prove valuable in determining the performance of the mitigation tactics. Long-term, outages associated with ignition risk drivers are expected to decrease as additional system hardening and other mitigations are completed.

## 4 CHANGES TO THE PLAN

As new technologies and processes are developed, Rocky Mountain Power is continuously learning and improving programs to better support wildfire mitigation. One program that Rocky Mountain Power significantly developed has been the implementation of Advanced Weather Forecasting, as described in section 3.6.3 of this report. Another key change to the plan was the update to the Line Rebuild Program, described in section 3.5.1. Rocky Mountain Power has identified the need for additional, dedicated resources, and will be procuring the support of a Construction Management partner to meet future Line Rebuild targets.

## 5 COST RECOVERY

For purposes of cost recovery provided by Utah Code 54-24-202, the Utah Public Service Commission (“Commission”) established a wildfire mitigation balancing account in the Company’s general rate case, Docket No. 20-035-04, (“2020 Rate Case”) to track and defer the incremental revenue requirement for the capital investments and expenses to implement the approved wildland fire protection plan. The 2020 Rate Case included a base level of costs in Utah rates as of January 1, 2021, and variances from the amount included in rates have been calculated and deferred monthly. The Company presented the December 31, 2022 balance of the wildfire mitigation balancing account in the results of operations report that was filed on April 26, 2023, in Docket No. 23-035-12, on page 8.12. The balance reported in the results of operations was \$4,830,807 and has since grown to be \$6,834,479 million as of April 30, 2023. A summary and workpaper providing the calculation of the deferral balance is included as Attachment A. The Company believes the April 30, 2023 balance has reached a material level and requests the Commission approve recovery as proposed in this section.

For the Schedule 97 Wildfire Mitigation Balancing Account (“WMBA”), the Company proposes amortizing the balance on April 30, 2023 of \$6,834,479 over a one year period with

rates effective October 1, 2023. Since investments in wildfire mitigation represent costs to both the distribution and transmission systems, the Company proposes allocating this amount to customer classes on the basis of distribution and transmission function revenue requirement identified in the class cost of service study that was presented in the 2020 Rate Case. For Contract Customer 1 and Contract Customer 2, the allocation of the WMBA is based on the overall average percentage to tariff customers in Utah consistent with the terms of the contracts approved by the Commission in Docket Nos. 21-035-69 and 21-035-53. The first page of Attachment B shows the proposed impact of the rates on customers. The second page of Attachment B shows the proposed rate spread.

Using the Commission approved present revenues and billing determinants set forth in its 2020 Rate Case, the Company developed proposed Schedule 97 rates for each customer class by dividing the allocated WMBA amount to each rate schedule and applicable contract by the corresponding 2020 Rate Case forecast Power Charge and Energy Charge revenues. The WMBA rate is a percentage applied to the monthly Power Charges and Energy Charges. Attachment C shows the calculations of the proposed rates. Attachment D shows clean and redline versions of the proposed tariff rate revisions.

The change in Schedule 97 is an increase of \$6.8 million, or 0.3 percent. This net change is the difference between the current collection level of zero and the new proposed collection level for the 2023 WMBA. For the typical residential customer using 775 kWh per month, the proposed price change will result in a monthly bill increase of \$0.38.

# ATTACHMENT A

## Wildland Fire Balance Calculation

UT - Wildland Fire Protection Program  
189011  
Summary Schedule

Interest	Rate	Period	Docket
	3.04%	Apr 2021 - Mar 2022	21-035-T02
	3.05%	Apr 2022 - Mar 2023	21-035-T03
	4.57%	Apr 2023 - Mar 2024	23-035-T02

Month	Opening Balance	Adjustments	Capital Deferrals	Return on Rate Base	OMAG Deferrals	Amortization	Interest	Ending Balance
Jan-21	-							-
Feb-21	-		(56,511.18)	(260,601.42)	(280,548.16)		(966.22)	(598,626.98)
Mar-21	(598,626.98)		(53,694.85)	(203,326.45)	(80,719.98)		(2,481.58)	(938,849.82)
Apr-21	(938,849.82)		(54,163.12)	(200,081.46)	223,011.30		(3,086.11)	(973,169.21)
May-21	(973,169.21)		(53,682.98)	(189,324.72)	48,574.24		(2,711.64)	(1,170,314.32)
Jun-21	(1,170,314.32)		(50,866.74)	(184,715.53)	345,428.52		(2,825.66)	(1,063,293.73)
Jul-21	(1,063,293.73)		(47,830.72)	(173,418.90)	356,752.89		(2,522.04)	(930,312.51)
Aug-21	(930,312.51)		(44,422.75)	(168,368.19)	688,164.52		(1,754.65)	(456,693.58)
Sep-21	(456,693.58)		(41,259.37)	(157,110.89)	150,375.17		(1,217.75)	(505,906.42)
Oct-21	(505,906.42)		(39,217.93)	(154,933.64)	63,543.88		(1,447.07)	(637,961.17)
Nov-21	(637,961.17)		(38,095.82)	(147,805.47)	(124,889.28)		(2,009.84)	(950,761.58)
Dec-21	(950,761.58)		(34,718.93)	(133,773.96)	127,150.35		(2,460.96)	(994,565.08)
<b>2021 TOTAL</b>		-	<b>(514,464.39)</b>	<b>(1,973,460.63)</b>	<b>1,516,843.45</b>	-	<b>(23,483.51)</b>	
Jan-22	(994,565.08)		(34,725.13)	(134,027.76)	(774,804.41)		(3,714.74)	(1,941,837.12)
Feb-22	(1,941,837.12)		(23,551.23)	(118,391.44)	(312,275.53)		(5,494.66)	(2,401,549.98)
Mar-22	(2,401,549.98)		(21,911.00)	(112,417.90)	(75,477.94)		(6,349.60)	(2,617,706.42)
Apr-22	(2,617,706.42)		(8,433.29)	(93,596.85)	93,205.24		(6,642.62)	(2,633,173.95)
May-22	(2,633,173.95)		680.92	(92,646.12)	(139,229.09)		(6,964.52)	(2,871,332.75)
Jun-22	(2,871,332.75)		(6,694.84)	(69,478.87)	1,600,574.98		(5,360.71)	(1,352,292.20)
Jul-22	(1,352,292.20)		6,555.35	(64,476.05)	1,276,027.15		(1,889.07)	(136,074.81)
Aug-22	(136,074.81)		13,826.57	(16,744.31)	1,623,409.93		1,713.52	1,486,130.89
Sep-22	1,486,130.89		5,258.56	(7,183.57)	1,389,573.52		5,540.72	2,879,320.12
Oct-22	2,879,320.12		38,359.43	26,744.53	850,636.71		8,482.03	3,803,542.82
Nov-22	3,803,542.82		39,350.82	29,790.53	889,871.05		10,886.08	4,773,441.30
Dec-22	4,773,441.30		45,968.28	54,456.24	(55,248.31)		12,189.91	4,830,807.41
<b>2022 TOTAL</b>		-	<b>54,684.45</b>	<b>(597,971.58)</b>	<b>6,366,263.29</b>	-	<b>2,396.33</b>	
Jan-23	4,830,807.41		(51,407.36)	91,647.08	151,148.34		12,521.52	5,034,717.00
Feb-23	5,034,717.00		56,714.22	141,833.52	150,226.22		13,239.81	5,396,730.76
Mar-23	5,396,730.76		64,239.27	148,147.65	188,523.19		14,226.18	5,811,867.05
Apr-23	5,811,867.05		57,586.46	158,158.86	790,815.94		16,051.00	6,834,479.31
May-23	6,834,479.31							
Jun-23	-							
Jul-23	-							
Aug-23	-							
Sep-23	-							
Oct-23	-							
Nov-23	-							
Dec-23	-							
<b>FY2023 Total</b>		-	<b>127,132.59</b>	<b>539,787.12</b>	<b>1,280,713.68</b>	-	<b>56,038.51</b>	

## ATTACHMENT B

### Calculation of Proposed Rates

**Table A**  
**Rocky Mountain Power**  
**Estimated Effect of Proposed Changes**  
**on Revenues from Electric Sales to Ultimate Consumers in Utah**  
**Base Period 12 Months Ending December 2019**  
**Forecast Period 12 Months Ending December 2021**

Line No.	Description (1)	Sch No. (2)	No. of Customers Forecast (3)	MWh Forecast (4)	Present Revenue (\$000)			Proposed Revenue (\$000)			Change			
											Base		Net	
					Base (5)	WMBA (6)	Net (7)	Base (8)	WMBA (9)	Net (10)	(\$000) (11)	(%) (12)	(\$000) (13)	(%) (14)
<b>Residential</b>														
1	Residential	1,3	857,245	6,776,607	\$749,389	\$0	\$749,389	\$749,389	\$3,354	\$752,742	\$0	0.0%	\$3,354	0.4%
2	Residential-Optional TOD	2/2E	623	6,392	\$618	\$0	\$618	\$618	\$3	\$621	\$0	0.0%	\$3	0.5%
3	AGA/Revenue Credit	--			\$7		\$7	\$7		\$7	\$0	0.0%	\$0	0.0%
4	<b>Total Residential</b>		857,868	6,782,999	\$750,014	\$0	\$750,014	\$750,014	\$3,357	\$753,370	\$0	0.0%	\$3,357	0.4%
<b>Commercial &amp; Industrial &amp; OSPA</b>														
5	General Service-Distribution	6	13,530	5,789,707	\$476,830	\$0	\$476,830	\$476,830	\$1,474	\$478,304	\$0	0.0%	\$1,474	0.3%
6	General Service-Distribution-Energy TOD	6A	2,807	404,256	\$47,104	\$0	\$47,104	\$47,104	\$146	\$47,249	\$0	0.0%	\$146	0.3%
7	<i>Subtotal Schedule 6</i>		16,337	6,193,963	\$523,934	\$0	\$523,934	\$523,934	\$1,619	\$525,553	\$0	0.0%	\$1,619	0.3%
8	General Service-Distribution > 1,000 kW	8	249	2,020,703	\$148,126	\$0	\$148,126	\$148,126	\$422	\$148,548	\$0	0.0%	\$422	0.3%
9	General Service-High Voltage	9	158	4,848,931	\$273,347	\$0	\$273,347	\$273,347	\$592	\$273,939	\$0	0.0%	\$592	0.2%
10	General Service-High Voltage-Energy TOD	9A	9	41,940	\$2,993	\$0	\$2,993	\$2,993	\$6	\$2,999	\$0	0.0%	\$6	0.2%
11	<i>Subtotal Schedule 9</i>		167	4,890,871	\$276,340	\$0	\$276,340	\$276,340	\$598	\$276,938	\$0	0.0%	\$598	0.2%
12	Irrigation	10	3,339	206,134	\$16,043	\$0	\$16,043	\$16,043	\$63	\$16,106	\$0	0.0%	\$63	0.4%
13	Irrigation-Time of Day	10TOD	269	24,258	\$1,947	\$0	\$1,947	\$1,947	\$8	\$1,955	\$0	0.0%	\$8	0.4%
14	<i>Subtotal Irrigation</i>		3,608	230,392	\$17,990	\$0	\$17,990	\$17,990	\$71	\$18,062	\$0	0.0%	\$71	0.4%
15	General Service-Distribution-Small	23	96,230	1,404,452	\$138,042	\$0	\$138,042	\$138,042	\$480	\$138,522	\$0	0.0%	\$480	0.3%
16	Back-up, Maintenance, & Supplementary	31	7	189,259	\$12,590	\$0	\$12,590	\$12,590	\$24	\$12,614	\$0	0.0%	\$24	0.2%
17	Svc. From Ren. Ene. Facilities	32	3	196,650	\$13,353	\$0	\$13,353	\$13,353	\$3	\$13,356	\$0	0.0%	\$3	0.0%
18	Ren. Ene. Pur. for Qlf. Cust > 5,000 kW	34	1	242,230	\$13,028	\$0	\$13,028	\$13,028	\$0	\$13,028	\$0	0.0%	\$0	0.0%
17	Contract 1	--	1	617,100	\$31,874	\$0	\$31,874	\$31,874	\$107	\$31,981	\$0	0.0%	\$107	0.3%
19	Contract 2	--	1	705,456	\$31,979	\$0	\$31,979	\$31,979	\$107	\$32,087	\$0	0.0%	\$107	0.3%
20	Contract 3	--	1	1,288,626	\$62,958	\$0	\$62,958	\$62,958	\$0	\$62,958	\$0	0.0%	\$0	0.0%
21	AGA/Revenue Credit	--			\$4,797		\$4,797	\$4,797		\$4,797	\$0	0.0%	\$0	0.0%
22	<b>Total Commercial &amp; Industrial &amp; OSPA</b>		116,605	17,979,703	\$1,275,011	\$0	\$1,275,011	\$1,275,011	\$3,432	\$1,278,443	\$0	0.0%	\$3,432	0.3%
<b>Public Street Lighting</b>														
23	Security Area Lighting	7	6,491	10,498	\$1,383	\$0	\$1,383	\$1,383	\$9	\$1,392	\$0	0.0%	\$9	0.6%
24	Street Lighting - Company Owned	11	715	13,573	\$3,759	\$0	\$3,759	\$3,759	\$24	\$3,783	\$0	0.0%	\$24	0.6%
25	Street Lighting - Customer Owned	12	1,229	26,869	\$1,385	\$0	\$1,385	\$1,385	\$9	\$1,394	\$0	0.0%	\$9	0.6%
26	Metered Outdoor Lighting	15	637	15,963	\$781	\$0	\$781	\$781	\$2	\$783	\$0	0.0%	\$2	0.2%
27	Traffic Signal Systems	15	2,734	7,776	\$803	\$0	\$803	\$803	\$3	\$805	\$0	0.0%	\$3	0.3%
28	<i>Subtotal Public Street Lighting</i>		11,806	74,679	\$8,111	\$0	\$8,111	\$8,111	\$46	\$8,157	\$0	0.0%	\$46	0.6%
29	Security Area Lighting-Contracts (PTL)	--	4	7	\$1	\$0	\$1	\$1	\$0	\$1	\$0	0.0%	\$0	0.0%
30	AGA/Revenue Credit	--			\$5		\$5	\$5		\$5		0.0%	\$0	0.0%
31	<b>Total Public Street Lighting</b>		11,810	74,686	\$8,116	\$0	\$8,116	\$8,116	\$46	\$8,162	\$0	0.0%	\$46	0.6%
32	<b>Total Sales to Ultimate Customers</b>		986,283	24,837,388	\$2,033,141	\$0	\$2,033,141	\$2,033,141	\$6,834	\$2,039,976	\$0	0.0%	\$6,834	0.3%

**Rate Spread**  
**Rocky Mountain Power**  
**Estimated Effect of Proposed Changes**  
**on Revenues from Electric Sales to Ultimate Consumers in Utah**  
**Base Period 12 Months Ending December 2019**  
**Forecast Period 12 Months Ending December 2021**

Line No.	Description	Sch No.	Present Revenues (\$000)	2020 GRC	WMBA Deferral	
				WMBA Allocator (\$000)	2023 (\$000)	%
	(1)	(2)	(3)	(4)	(5)	(6)
<b>Residential</b>						
1	Residential	1,3	\$749,389		\$3,354	0.4%
2	Residential-Optional TOD	2/2E	\$618		\$3	0.4%
3	AGA/Revenue Credit	--	\$7			
4	<b>Total Residential</b>		\$750,014	\$381,611	\$3,357	0.4%
<b>Commercial &amp; Industrial &amp; OSPA</b>						
5	General Service-Distribution	6	\$476,830		\$1,474	0.3%
6	General Service-Distribution-Energy TOD	6A	\$47,104		\$146	0.3%
7	<i>Subtotal Schedule 6</i>		\$523,934	\$184,074	\$1,619	0.3%
8	General Service-Distribution > 1,000 kW	8	\$148,126	\$48,046	\$423	0.3%
9	General Service-High Voltage	9	\$273,347		\$565	0.2%
10	General Service-High Voltage-Energy TOD	9A	\$2,993		\$6	0.2%
11	<i>Subtotal Schedule 9</i>		\$276,340	\$64,914	\$571	0.2%
12	Irrigation	10	\$16,043		\$64	0.4%
13	Irrigation-Time of Day	10TOD	\$1,947		\$8	0.4%
14	<i>Subtotal Irrigation</i>		\$17,990	\$8,105	\$71	0.4%
15	General Service-Distribution-Small	23	\$138,042	\$54,547	\$480	0.3%
16	Back-up, Maintenance, & Supplementary	31	\$12,590		\$26	0.2%
17	Svc. From Ren. Ene. Facilities	32	\$13,353		\$28	0.2%
18	Ren. Ene. Pur. for Qlf. Cust > 5,000 kW	34	\$13,028		\$0	0.0%
17	Contract 1	--	\$31,874	\$8,187	\$107	0.3%
19	Contract 2	--	\$31,979	\$6,191	\$107	0.3%
20	Contract 3	--	\$62,958		\$0	0.0%
21	AGA/Revenue Credit	--	\$4,797			
22	<b>Total Commercial &amp; Industrial &amp; OSPA</b>		\$1,275,011	\$374,065	\$3,432	0.3%
<b>Public Street Lighting</b>						
23	Security Area Lighting	7	\$1,383	\$985	\$9	0.6%
24	Street Lighting - Company Owned	11	\$3,759	\$2,676	\$24	0.6%
25	Street Lighting - Customer Owned	12	\$1,385	\$986	\$9	0.6%
26	Metered Outdoor Lighting	15	\$781	\$204	\$2	0.2%
27	Traffic Signal Systems	15	\$803	\$303	\$3	0.3%
28	<i>Subtotal Public Street Lighting</i>		\$8,111	\$5,154	\$46	0.6%
29	Security Area Lighting-Contracts (PTL)	--	\$1	\$0		
30	AGA/Revenue Credit	--	\$5	\$0		
31	<b>Total Public Street Lighting</b>		\$8,116	\$5,154	\$46	0.6%
32	<b>Total Sales to Ultimate Customers</b>		\$2,033,141	\$760,831	\$6,834	0.3%

Target Rev     \$6,834    month  
Avg %            0.3%    12  
Adj                99.18%   0.0



# ATTACHMENT C

## Rate Spread

**Rocky Mountain Power - State of Utah**  
**Blocking Based on Adjusted Actuals and Forecasted Loads**  
**Base Period 12 Months Ending December 2019**  
**Forecast Period 12 Months Ending December 2021**

	Forecasted Units	Present Price	Revenue Dollars	Present WMBA		Proposed WMBA	
				Price	Dollars	Price	Dollars
<b>Schedule No. 1- Residential Service</b>							
Total Customer	9,344,849						
Customer Charge - 1 Phase	9,329,308						
Single Family	7,140,845	\$10.00	\$71,408,450				
Multi Family	2,188,463	\$6.00	\$13,130,778				
Customer Charge - 3 Phase	15,541						
Single Family	3,325	\$20.00	\$66,502				
Multi Family	12,216	\$12.00	\$146,592				
Aggregate Charge	0	\$2.00	\$0				
Non-Standard Meter Reading Fee	253	\$22.00	\$5,566				
On-Peak kWh (Jun - Sept)	0	4.3560 ¢	\$0				
Off-Peak kWh (Jun - Sept)	0	(1.6334) ¢	\$0				
First 400 kWh (Jun-Sept)	1,080,475,945	9.0279 ¢	\$97,544,288	0.00%	\$0	0.51%	\$498,950
Next 600 kWh (Jun-Sept)	960,049,471	11.7210 ¢	\$112,527,398	0.00%	\$0	0.51%	\$575,590
All add'l kWh (Jun-Sept)	527,790,900	11.7210 ¢	\$61,862,371	0.00%	\$0	0.51%	\$316,433
First 400 kWh (Oct-May)	2,051,977,461	7.9893 ¢	\$163,938,635	0.00%	\$0	0.51%	\$838,564
All add'l kWh (Oct-May)	1,671,527,763	10.3725 ¢	\$173,379,217	0.00%	\$0	0.51%	\$886,854
Subscriber Solar kWh	15,864,580	11.9126 ¢	\$1,889,884	0.00%	\$0	0.51%	\$9,667
Subscriber Solar kWh Adj	(316,213)						
<b>Total</b>	<b>6,307,369,907</b>		<b>\$695,899,681</b>		<b>\$0</b>		<b>\$3,126,057</b>

<b>Schedule No. 2 - Residential Service - Optional Time-of-Day</b>							
Total Customer	4,350						
Customer Charge - 1 Phase	4,339						
Single Family	3,371	\$10.00	\$33,710				
Multi Family	968	\$6.00	\$5,808				
Customer Charge - 3 Phase	11						
Single Family	11	\$20.00	\$220				
Multi Family	0	\$12.00	\$0				
Aggregate Charge	0	\$2.00	\$0				
Non-Standard Meter Reading Fee	0	\$22.00	\$0				
On-Peak kWh (Jun - Sept)	258,230	4.3560 ¢	\$11,248				
Off-Peak kWh (Jun - Sept)	825,288	(1.6334) ¢	(\$13,480)				
First 400 kWh (Jun-Sept)	495,959	9.0279 ¢	\$44,775	0.00%	\$0	0.51%	\$229
Next 600 kWh (Jun-Sept)	407,470	11.7210 ¢	\$47,760	0.00%	\$0	0.51%	\$244
All add'l kWh (Jun-Sept)	186,496	11.7210 ¢	\$21,859	0.00%	\$0	0.51%	\$112
First 400 kWh (Oct-May)	919,695	7.9893 ¢	\$73,477	0.00%	\$0	0.51%	\$376
All add'l kWh (Oct-May)	734,416	10.3725 ¢	\$76,177	0.00%	\$0	0.51%	\$390
Subscriber Solar kWh	0	11.9126 ¢	\$0	0.00%	\$0	0.51%	\$0
Subscriber Solar kWh Adj	0						
<b>Total</b>	<b>2,744,036</b>		<b>\$301,554</b>		<b>\$0</b>		<b>\$1,351</b>

**Schedule No. 2E - Electric Vehicle Time-of-Use Pilot Option**

Total Customer	3,114							
Customer Charge - 1 Phase	3,114							
Single Family	2,923	\$10.00		\$29,230				
Multi Family	191	\$6.00		\$1,146				
Customer Charge - 3 Phase	0							
Single Family		\$20.00		\$0				
Multi Family		\$12.00		\$0				
Aggregate Charge	0	\$2.00		\$0				
Non-Standard Meter Reading Fee	0	\$22.00		\$0				
Rate Option 1								
On-Peak kWh	206,699	21.0339 ¢		\$43,477	0.00%	\$0	0.51%	\$222
Off-Peak kWh	963,611	6.4097 ¢		\$61,765	0.00%	\$0	0.51%	\$316
Rate Option 2								
On-Peak kWh	347,186	32.4593 ¢		\$112,694	0.00%	\$0	0.51%	\$576
Off-Peak kWh	2,130,652	3.2108 ¢		\$68,411	0.00%	\$0	0.51%	\$350
Subscriber Solar kWh	0	11.9126 ¢		\$0	0.00%	\$0	0.51%	\$0
Subscriber Solar kWh Adj	0							
<b>Total</b>	<b>3,648,148</b>			<b>\$316,723</b>		<b>\$0</b>		<b>\$1,465</b>

**Schedule No. 3- Residential Service - Low Income Lifeline Program**

Total Customer	216,323							
Customer Charge - 1 Phase	216,152							
Single Family	113,309	\$10.00		\$1,133,090				
Multi Family	102,843	\$6.00		\$617,058				
Customer Charge - 3 Phase	171							
Single Family	27	\$20.00		\$540				
Multi Family	144	\$12.00		\$1,728				
Aggregate Charge	0	\$2.00		\$0				
Non-Standard Meter Reading Fee	0	\$22.00		\$0				
On-Peak kWh (Jun - Sept)	5,354	4.3560 ¢		\$233				
Off-Peak kWh (Jun - Sept)	15,633	(1.6334) ¢		(\$255)				
First 400 kWh (Jun-Sept)	26,384,768	9.0279 ¢		\$2,381,990	0.00%	\$0	0.51%	\$12,184
Next 600 kWh (Jun-Sept)	17,765,859	11.7210 ¢		\$2,082,336	0.00%	\$0	0.51%	\$10,651
All add'l kWh (Jun-Sept)	5,668,613	11.7210 ¢		\$664,418	0.00%	\$0	0.51%	\$3,399
First 400 kWh (Oct-May)	51,185,664	7.9893 ¢		\$4,089,376	0.00%	\$0	0.51%	\$20,918
All add'l kWh (Oct-May)	32,983,258	10.3725 ¢		\$3,421,188	0.00%	\$0	0.51%	\$17,500
Subscriber Solar kWh	108,762	11.9126 ¢		\$12,956	0.00%	\$0	0.51%	\$66
Subscriber Solar kWh Adj	(3,852)							
<b>Total</b>	<b>134,093,072</b>			<b>\$14,404,658</b>		<b>\$0</b>		<b>\$64,718</b>

**Schedule No. 135 - Residential Service - Net Metering**

Total Customer	418,416						
Customer Charge - 1 Phase	418,038						
Single Family	405,641	\$10.00	\$4,056,410				
Multi Family	12,397	\$6.00	\$74,382				
Customer Charge - 3 Phase	378						
Single Family	112	\$20.00	\$2,240				
Multi Family	266	\$12.00	\$3,192				
Aggregate Charge	0	\$2.00	\$0				
Non-Standard Meter Reading Fee	14	\$22.00	\$308				
On-Peak kWh (Jun - Sept)	7,090	4.3560 ¢	\$309				
Off-Peak kWh (Jun - Sept)	44,469	(1.6334) ¢	(\$726)				
First 400 kWh (Jun-Sept)	21,966,174	9.0279 ¢	\$1,983,084	0.00%	\$0	0.51%	\$10,144
Next 600 kWh (Jun-Sept)	14,447,176	11.7210 ¢	\$1,693,353	0.00%	\$0	0.51%	\$8,662
All add'l kWh (Jun-Sept)	7,916,923	11.7210 ¢	\$927,943	0.00%	\$0	0.51%	\$4,747
First 400 kWh (Oct-May)	50,047,131	7.9893 ¢	\$3,998,415	0.00%	\$0	0.51%	\$20,452
All add'l kWh (Oct-May)	47,956,842	10.3725 ¢	\$4,974,323	0.00%	\$0	0.51%	\$25,444
Subscriber Solar kWh	0	11.9126 ¢	\$0	0.00%	\$0	0.51%	\$0
Subscriber Solar kWh Adj	0						
<b>Total</b>	<b>142,334,246</b>		<b>\$17,713,233</b>		<b>\$0</b>		<b>\$69,448</b>

**Schedule No. 136 - Residential Service - Net Metering**

Total Customer	307,354						
Customer Charge - 1 Phase	307,354						
Single Family	303,609	\$10.00	\$3,036,090				
Multi Family	3,745	\$6.00	\$22,470				
Customer Charge - 3 Phase	0						
Single Family		\$20.00	\$0				
Multi Family		\$12.00	\$0				
Aggregate Charge	1,646	\$2.00	\$3,292				
Non-Standard Meter Reading Fee	0	\$22.00	\$0				
On-Peak kWh (Jun - Sept)	5,690	4.3560 ¢	\$248				
Off-Peak kWh (Jun - Sept)	35,358	(1.6334) ¢	(\$578)				
First 400 kWh (Jun-Sept)	38,703,048	9.0279 ¢	\$3,494,072	0.00%	\$0	0.51%	\$17,873
Next 600 kWh (Jun-Sept)	26,842,157	11.7210 ¢	\$3,146,169	0.00%	\$0	0.51%	\$16,093
All add'l kWh (Jun-Sept)	7,600,557	11.7210 ¢	\$890,861	0.00%	\$0	0.51%	\$4,557
First 400 kWh (Oct-May)	68,555,364	7.9893 ¢	\$5,477,094	0.00%	\$0	0.51%	\$28,016
All add'l kWh (Oct-May)	51,108,843	10.3725 ¢	\$5,301,265	0.00%	\$0	0.51%	\$27,117
Subscriber Solar kWh	0	11.9126 ¢	\$0	0.00%	\$0	0.51%	\$0
Subscriber Solar kWh Adj	0						
<b>Total</b>	<b>192,809,969</b>		<b>\$21,370,983</b>		<b>\$0</b>		<b>\$93,655</b>

**Schedule No. 6 - Composite**

Customer Charge	157,116	\$53.00	\$8,327,148				
Seasonal Service	0	\$636.00	\$0				
Minimum Charge	14	\$53.00	\$742				
Facilities kW	15,576,842	\$3.99	\$62,151,600				
All kW (Jun - Sept)	6,921,590	\$13.27	\$91,849,499	0.00%	\$0	0.36%	\$332,758
All kW (Oct - May)	8,655,252	\$11.74	\$101,612,658	0.00%	\$0	0.36%	\$368,128
kWh (Jun-Sept)	2,063,156,225	3.8878 ¢	\$80,211,388	0.00%	\$0	0.36%	\$290,595
kWh (Oct-May)	3,526,754,594	3.4405 ¢	\$121,337,992	0.00%	\$0	0.36%	\$439,591
Voltage Discount	569,738	(\$0.96)	(\$546,948)				
Subscriber Solar kWh	1,977,670	7.1250 ¢	\$140,909	0.00%	\$0	0.36%	\$510
Subscriber Solar kWh Adj	25,489						
<b>Total</b>	<b>5,591,913,978</b>		<b>\$465,084,988</b>		<b>\$0</b>		<b>\$1,431,582</b>

**Schedule No. 6-135 - Net Metering - Composite**

Customer Charge	4,434	\$53.00	\$235,002				
Seasonal Service	0	\$636.00	\$0				
Minimum Charge	0	\$53.00	\$0				
Facilities kW	505,379	\$3.99	\$2,016,462				
All kW (Jun - Sept)	206,980	\$13.27	\$2,746,625	0.00%	\$0	0.36%	\$9,951
All kW (Oct - May)	298,398	\$11.74	\$3,503,193	0.00%	\$0	0.36%	\$12,692
kWh (Jun-Sept)	60,590,666	3.8878 ¢	\$2,355,644	0.00%	\$0	0.36%	\$8,534
kWh (Oct-May)	109,661,558	3.4405 ¢	\$3,772,906	0.00%	\$0	0.36%	\$13,669
Voltage Discount	26,614	(\$0.96)	(\$25,549)				
<b>Total</b>	<b>170,252,223</b>		<b>\$14,604,283</b>		<b>\$0</b>		<b>\$44,845</b>

**Schedule No. 6-136 - Net Metering - Composite**

Customer Charge	611	\$53.00	\$32,383				
Seasonal Service	0	\$636.00	\$0				
Aggregate Charge	59	\$2.00	\$118				
Facilities kW	94,165	\$3.99	\$375,718				
All kW (Jun - Sept)	40,576	\$13.27	\$538,444	0.00%	\$0	0.36%	\$1,951
All kW (Oct - May)	53,589	\$11.74	\$629,135	0.00%	\$0	0.36%	\$2,279
kWh (Jun-Sept)	8,593,599	3.8878 ¢	\$334,102	0.00%	\$0	0.36%	\$1,210
kWh (Oct-May)	15,566,358	3.4405 ¢	\$535,561	0.00%	\$0	0.36%	\$1,940
Voltage Discount	0	(\$0.96)	\$0				
<b>Total</b>	<b>24,159,957</b>		<b>\$2,445,461</b>		<b>\$0</b>		<b>\$7,381</b>

**Schedule No. 6B - Demand Time-of-Day Option - Composite**

Customer Charge	192	\$53.00	\$10,176				
Seasonal Service	0	\$636.00	\$0				
Facilities kW	14,844	\$3.99	\$59,228				
All on-peak kW (Jun - Sept)	4,915	\$13.27	\$65,222	0.00%	\$0	0.36%	\$236
All on-peak kW (Oct - May)	6,971	\$11.74	\$81,840	0.00%	\$0	0.36%	\$296
kWh (Jun-Sept)	1,281,170	3.8878 ¢	\$49,809	0.00%	\$0	0.36%	\$180
kWh (Oct-May)	2,099,521	3.4405 ¢	\$72,234	0.00%	\$0	0.36%	\$262
Voltage Discount	0	(\$0.96)	\$0				
<b>Total</b>	<b>3,380,691</b>		<b>\$338,509</b>		<b>\$0</b>		<b>\$975</b>

**Schedule 6 moving to 6A - Composite**

Customer Charge	16,185	\$53.00	\$857,783				
All kWh under 50 kWh/kW (Jun-Sept)	22,837,906	22.1562 ¢	\$5,060,012	0.00%	\$0	0.32%	\$16,205
All additional kWh (Jun-Sept)	52,553,411	4.3099 ¢	\$2,264,999	0.00%	\$0	0.32%	\$7,254
All kWh under 50 kWh/kW (Oct-May)	39,702,141	19.6073 ¢	\$7,784,518	0.00%	\$0	0.32%	\$24,931
All additional (Oct-May)	93,250,801	3.8141 ¢	\$3,556,679	0.00%	\$0	0.32%	\$11,391
On-Pk kWh (Jun-Sept)	41,868,606	6.0000 ¢	\$2,512,116	0.00%	\$0	0.32%	\$8,045
Off-Pk kWh (Jun-Sept)	33,522,711	(2.3358) ¢	(\$783,023)	0.00%	\$0	0.32%	(\$2,508)
On-Pk kWh (Oct-May)	73,835,484	5.3097 ¢	\$3,920,443	0.00%	\$0	0.32%	\$12,556
Off-Pk kWh (Oct-May)	59,117,459	(2.0671) ¢	(\$1,222,017)	0.00%	\$0	0.32%	(\$3,914)
Voltage Discount	56,872	(\$0.61)	(\$34,692)				
Subscriber Solar kWh	758,838	7.1250 ¢	\$54,067	0.00%	\$0	0.32%	\$173
<b>Schedule 6A</b>	<b>209,103,098</b>		<b>\$23,970,885</b>		<b>\$0</b>		<b>\$74,133</b>

Customer Charge	16,185	\$53.00	\$857,783				
Seasonal Service	0	\$636.00	\$0				
Minimum Charge	0	\$53.00	\$0				
Facilities kW	1,281,154	\$3.99	\$5,111,804				
All kW (Jun - Sept)	467,710	\$13.27	\$6,206,512	0.00%	\$0	0.36%	\$22,485
All kW (Oct - May)	813,444	\$11.74	\$9,549,833	0.00%	\$0	0.36%	\$34,598
kWh (Jun-Sept)	75,391,317	3.8878 ¢	\$2,931,064	0.00%	\$0	0.36%	\$10,619
kWh (Oct-May)	132,952,943	3.4405 ¢	\$4,574,246	0.00%	\$0	0.36%	\$16,572
Voltage Discount	56,872	(\$0.96)	(\$54,597)				
Subscriber Solar kWh	758,838	7.1250 ¢	\$54,067	0.00%	\$0	0.36%	\$196
<b>Total</b>	<b>209,103,098</b>		<b>\$29,230,712</b>		<b>\$0</b>		<b>\$84,470</b>

**Schedule 6-135 moving to 6A - Net Metering - Composite**

Customer Charge	602	\$53.00	\$31,904				
All kWh under 50 kWh/kW (Jun-Sept)	617,625	22.1562 ¢	\$136,842	0.00%	\$0	0.32%	\$438
All additional kWh (Jun-Sept)	1,470,157	4.3099 ¢	\$63,362	0.00%	\$0	0.32%	\$203
All kWh under 50 kWh/kW (Oct-May)	1,069,623	19.6073 ¢	\$209,724	0.00%	\$0	0.32%	\$672
All additional (Oct-May)	2,803,066	3.8141 ¢	\$106,912	0.00%	\$0	0.32%	\$342
On-Pk kWh (Jun-Sept)	1,159,451	6.0000 ¢	\$69,567	0.00%	\$0	0.32%	\$223
Off-Pk kWh (Jun-Sept)	928,331	(2.3358) ¢	(\$21,684)	0.00%	\$0	0.32%	(\$69)
On-Pk kWh (Oct-May)	2,150,700	5.3097 ¢	\$114,196	0.00%	\$0	0.32%	\$366
Off-Pk kWh (Oct-May)	1,721,989	(2.0671) ¢	(\$35,595)	0.00%	\$0	0.32%	(\$114)
Voltage Discount	0	(\$0.61)	\$0				
Subscriber Solar kWh	0	7.1250 ¢	\$0	0.00%	\$0	0.32%	\$0
Schedule 6A	5,960,471		\$675,228		\$0		\$2,060

Customer Charge	602	\$53.00	\$31,904				
Seasonal Service	0	\$636.00	\$0				
Minimum Charge	0	\$53.00	\$0				
Facilities kW	42,952	\$3.99	\$171,378				
All kW (Jun - Sept)	16,126	\$13.27	\$213,992	0.00%	\$0	0.36%	\$775
All kW (Oct - May)	26,826	\$11.74	\$314,937	0.00%	\$0	0.36%	\$1,141
kWh (Jun-Sept)	2,218,023	3.8878 ¢	\$86,232	0.00%	\$0	0.36%	\$312
kWh (Oct-May)	4,105,852	3.4405 ¢	\$141,262	0.00%	\$0	0.36%	\$512
Voltage Discount	0	(\$0.96)	\$0				
Total	6,323,875		\$959,705		\$0		\$2,740

**Schedule 6-136 moving to 6A - Net Metering - Commercial**

Customer Charge	158	\$53.00	\$8,366				
All kWh under 50 kWh/kW (Jun-Sept)	446,920	22.1562 ¢	\$99,020	0.00%	\$0	0.32%	\$317
All additional kWh (Jun-Sept)	1,064,811	4.3099 ¢	\$45,892	0.00%	\$0	0.32%	\$147
All kWh under 50 kWh/kW (Oct-May)	604,584	19.6073 ¢	\$118,543	0.00%	\$0	0.32%	\$380
All additional (Oct-May)	1,835,925	3.8141 ¢	\$70,024	0.00%	\$0	0.32%	\$224
On-Pk kWh (Jun-Sept)	839,541	6.0000 ¢	\$50,372	0.00%	\$0	0.32%	\$161
Off-Pk kWh (Jun-Sept)	672,191	(2.3358) ¢	(\$15,701)	0.00%	\$0	0.32%	(\$50)
On-Pk kWh (Oct-May)	1,355,338	5.3097 ¢	\$71,964	0.00%	\$0	0.32%	\$230
Off-Pk kWh (Oct-May)	1,085,171	(2.0671) ¢	(\$22,432)	0.00%	\$0	0.32%	(\$72)
Voltage Discount	0	(\$0.61)	\$0				
Subscriber Solar kWh	0	7.1250 ¢	\$0	0.00%	\$0	0.32%	\$0
Schedule 6A	3,952,240		\$426,048		\$0		\$1,338

Customer Charge	158	\$53.00	\$8,366				
Seasonal Service	0	\$636.00	\$0				
Aggregate Charge	0	\$53.00	\$0				
Facilities kW	21,101	\$3.99	\$84,193				
All kW (Jun - Sept)	8,990	\$13.27	\$119,297	0.00%	\$0	0.36%	\$432
All kW (Oct - May)	12,111	\$11.74	\$142,183	0.00%	\$0	0.36%	\$515
kWh (Jun-Sept)	1,511,731	3.8878 ¢	\$58,773	0.00%	\$0	0.36%	\$213
kWh (Oct-May)	2,440,509	3.4405 ¢	\$83,966	0.00%	\$0	0.36%	\$304
Voltage Discount	0	(\$0.96)	\$0				
Total	3,952,240		\$496,778		\$0		\$1,464

**Schedule 6B moving to 6A - Composite**

Customer Charge	69	\$53.00	\$3,665				
All kWh under 50 kWh/kW (Jun-Sept)	23,181	22.1562 ¢	\$5,136	0.00%	\$0	0.32%	\$16
All additional kWh (Jun-Sept)	32,182	4.3099 ¢	\$1,387	0.00%	\$0	0.32%	\$4
All kWh under 50 kWh/kW (Oct-May)	59,234	19.6073 ¢	\$11,614	0.00%	\$0	0.32%	\$37
All additional (Oct-May)	26,202	3.8141 ¢	\$999	0.00%	\$0	0.32%	\$3
On-Pk kWh (Jun-Sept)	30,746	6.0000 ¢	\$1,845	0.00%	\$0	0.32%	\$6
Off-Pk kWh (Jun-Sept)	24,617	(2.3358) ¢	(\$575)	0.00%	\$0	0.32%	(\$2)
On-Pk kWh (Oct-May)	47,447	5.3097 ¢	\$2,519	0.00%	\$0	0.32%	\$8
Off-Pk kWh (Oct-May)	37,989	(2.0671) ¢	(\$785)	0.00%	\$0	0.32%	(\$3)
Voltage Discount	0	(\$0.61)	\$0				
Subscriber Solar kWh	0	7.1250 ¢	\$0	0.00%	\$0	0.32%	\$0
Schedule 6A	140,800		\$25,805		\$0		\$71

Customer Charge	69	\$53.00	\$3,665				
Seasonal Service	0	\$636.00	\$0				
Facilities kW	2,794	\$3.99	\$11,148				
All on-peak kW (Jun - Sept)	832	\$13.27	\$11,041	0.00%	\$0	0.36%	\$40

All on-peak kW (Oct - May)	1,962	\$11.74	\$23,034	0.00%	\$0	0.36%	\$83
kWh (Jun-Sept)	55,363	3.8878 ¢	\$2,152	0.00%	\$0	0.36%	\$8
kWh (Oct-May)	85,437	3.4405 ¢	\$2,939	0.00%	\$0	0.36%	\$11
Voltage Discount	0	(\$0.96)	\$0				
Total	<u>140,800</u>		<u>\$53,979</u>		<u>\$0</u>		<u>\$142</u>



**Schedule No. 6A - Energy Time-of-Day Option - Composite**

All kWh under 50 kWh/kW (Jun-Sept)	44,585,441	22.1562 ¢	\$9,878,440	0.00%	\$0	0.32%	\$31,637
All additional kWh (Jun-Sept)	80,754,202	4.3099 ¢	\$3,480,425	0.00%	\$0	0.32%	\$11,146
All kWh under 50 kWh/kW (Oct-May)	73,546,803	19.6073 ¢	\$14,420,542	0.00%	\$0	0.32%	\$46,183
All additional (Oct-May)	153,778,261	3.8141 ¢	\$5,865,257	0.00%	\$0	0.32%	\$18,784
On-Pk kWh (Jun-Sept)	65,422,495	6.0000 ¢	\$3,925,350	0.00%	\$0	0.32%	\$12,571
Off-Pk kWh (Jun-Sept)	59,917,149	(2.3358) ¢	(\$1,399,545)	0.00%	\$0	0.32%	(\$4,482)
On-Pk kWh (Oct-May)	124,025,012	5.3097 ¢	\$6,585,356	0.00%	\$0	0.32%	\$21,090
Off-Pk kWh (Oct-May)	103,300,051	(2.0671) ¢	(\$2,135,315)	0.00%	\$0	0.32%	(\$6,839)
Customer Charge	31,870	\$53.00	\$1,689,110				
Voltage Discount	203,454	(\$0.61)	(\$124,107)				
Subscriber Solar kWh	29,568,815	7.1250 ¢	\$2,106,778	0.00%	\$0	0.32%	\$6,747
Subscriber Solar kWh Adj	(1,649,518)						
<b>Total</b>	<b>380,584,004</b>		<b>\$44,292,291</b>		<b>\$0</b>		<b>\$136,839</b>

**Schedule No. 6A-135 - Composite**

All kWh under 50 kWh/kW (Jun-Sept)	1,790,597	22.1562 ¢	\$396,728	0.00%	\$0	0.32%	\$1,271
All additional kWh (Jun-Sept)	3,521,773	4.3099 ¢	\$151,785	0.00%	\$0	0.32%	\$486
All kWh under 50 kWh/kW (Oct-May)	5,330,608	19.6073 ¢	\$1,045,188	0.00%	\$0	0.32%	\$3,347
All additional (Oct-May)	12,790,668	3.8141 ¢	\$487,849	0.00%	\$0	0.32%	\$1,562
On-Pk kWh (Jun-Sept)	3,345,042	6.0000 ¢	\$200,703	0.00%	\$0	0.32%	\$643
Off-Pk kWh (Jun-Sept)	1,967,328	(2.3358) ¢	(\$45,953)	0.00%	\$0	0.32%	(\$147)
On-Pk kWh (Oct-May)	10,972,800	5.3097 ¢	\$582,623	0.00%	\$0	0.32%	\$1,866
Off-Pk kWh (Oct-May)	7,148,476	(2.0671) ¢	(\$147,766)	0.00%	\$0	0.32%	(\$473)
Customer Charge	1,797	\$53.00	\$95,241				
Voltage Discount	16,106	(\$0.61)	(\$9,825)				
<b>Total</b>	<b>23,433,646</b>		<b>\$2,756,573</b>		<b>\$0</b>		<b>\$8,555</b>

**Schedule No. 7 - Security Area Lighting - Composite**

Level 1 (0-5,500 LED Equivalent Lumens)	80,037	\$9.10	\$728,334	0.00%	\$0	0.63%	\$4,596
Level 2 (5,501-12,000 LED Equivalent Lt)	23,298	\$10.61	\$247,190	0.00%	\$0	0.63%	\$1,560
Level 3 (12,001 and Greater LED Equival	31,462	\$12.96	\$407,743	0.00%	\$0	0.63%	\$2,573
Customers	6,491						
<b>Total (kWh)</b>	<b>10,497,984</b>		<b>\$1,383,267</b>		<b>\$0</b>		<b>\$8,730</b>

**Schedule No. 8 - Composite**

Customer Charge	2,823	\$71.00	\$200,433				
Facilities kW	4,249,794	\$4.81	\$20,441,509				
On-Peak kW (Jun - Sept)	1,442,193	\$15.73	\$22,685,696	0.00%	\$0	0.33%	\$74,239
On-Peak kW (Oct - May)	2,597,774	\$13.92	\$36,161,014	0.00%	\$0	0.33%	\$118,337
On-Peak kWh (Jun - Sept)	186,186,148	5.8282 ¢	\$10,851,301	0.00%	\$0	0.33%	\$35,511
On-Peak kWh (Oct - May)	270,238,556	5.1577 ¢	\$13,938,094	0.00%	\$0	0.33%	\$45,613
Off-Peak kWh (Jun - Sept)	524,787,623	2.9624 ¢	\$15,546,309	0.00%	\$0	0.33%	\$50,875
Off-Peak kWh (Oct - May)	976,265,495	2.6216 ¢	\$25,593,776	0.00%	\$0	0.33%	\$83,756
Voltage Discount	1,886,120	(\$1.13)	(\$2,131,316)				
<b>Total</b>	<b>1,957,477,822</b>		<b>\$143,286,816</b>		<b>\$0</b>		<b>\$408,331</b>

**Schedule No. 8-135 - Commercial**

Customer Charge	168	\$71.00	\$11,928				
Facilities kW	150,062	\$4.81	\$721,798				
On-Peak kW (Jun - Sept)	50,706	\$15.73	\$797,605	0.00%	\$0	0.33%	\$2,610
On-Peak kW (Oct - May)	91,835	\$13.92	\$1,278,343	0.00%	\$0	0.33%	\$4,183
On-Peak kWh (Jun - Sept)	5,879,321	5.8282 ¢	\$342,659	0.00%	\$0	0.33%	\$1,121
On-Peak kWh (Oct - May)	8,781,642	5.1577 ¢	\$452,931	0.00%	\$0	0.33%	\$1,482
Off-Peak kWh (Jun - Sept)	16,950,396	2.9624 ¢	\$502,139	0.00%	\$0	0.33%	\$1,643
Off-Peak kWh (Oct - May)	31,614,263	2.6216 ¢	\$828,800	0.00%	\$0	0.33%	\$2,712
Voltage Discount	85,966	(\$1.13)	(\$97,142)				
<b>Total</b>	<b>63,225,622</b>		<b>\$4,839,061</b>		<b>\$0</b>		<b>\$13,753</b>

**Schedule No. 9 - Composite**

Customer Charge	1,872	\$266.00	\$497,952				
Facilities kW	8,792,631	\$2.28	\$20,047,199				
On-Peak kW (Jun - Sept)	2,857,444	\$14.33	\$40,947,173	0.00%	\$0	0.23%	\$95,951
On-Peak kW (Oct - May)	5,600,405	\$12.68	\$71,013,135	0.00%	\$0	0.23%	\$166,404
On-Peak kWh (Jun - Sept)	337,257,779	5.1477 ¢	\$17,361,019	0.00%	\$0	0.23%	\$40,682
On-Peak kWh (Oct - May)	653,220,065	4.5555 ¢	\$29,757,440	0.00%	\$0	0.23%	\$69,730
Off-Peak kWh (Jun - Sept)	1,318,310,247	2.6165 ¢	\$34,493,588	0.00%	\$0	0.23%	\$80,828
Off-Peak kWh (Oct - May)	2,538,543,863	2.3155 ¢	\$58,779,983	0.00%	\$0	0.23%	\$137,739
<b>Total</b>	<b>4,847,331,954</b>		<b>\$272,897,489</b>		<b>\$0</b>		<b>\$591,335</b>

**Schedule No. 9A - Energy TOD - Composite**

Customer Charge	108	\$266.00	\$28,728				
Facilities Charge per kW	243,087	\$2.28	\$554,238				
On-Peak kW (Jun - Sept)	76,062	\$4.73	\$359,773	0.00%	\$0	0.26%	\$923
On-Peak kW (Oct - May)	169,650	\$4.18	\$709,137	0.00%	\$0	0.26%	\$1,820
On-Peak kWh (Jun - Sept)	6,818,306	5.1477 ¢	\$350,986	0.00%	\$0	0.26%	\$901
On-Peak kWh (Oct - May)	7,138,084	4.5555 ¢	\$325,175	0.00%	\$0	0.26%	\$834
Off-Peak kWh (Jun - Sept)	5,708,900	2.6165 ¢	\$149,373	0.00%	\$0	0.26%	\$383
Off-Peak kWh (Oct - May)	22,274,997	2.3155 ¢	\$515,778	0.00%	\$0	0.26%	\$1,324
<b>Total</b>	<b>41,940,288</b>		<b>\$2,993,188</b>		<b>\$0</b>		<b>\$6,185</b>

**Schedule No. 10 - Irrigation**

Annual Cust. Serv. Chg. - Primary	10	\$122.00		\$1,220				
Annual Cust. Serv. Chg. - Secondary	3,273	\$37.00		\$121,101				
Monthly Cust. Serv. Chg.	14,850	\$14.00		\$207,900				
All On-Season kW	425,282	\$7.14		\$3,036,513	0.00%	\$0	0.41%	\$12,340
Voltage Discount	4,699	(\$2.05)		(\$9,633)				
First 30,000 kWh	90,734,008	7.1126 ¢		\$6,453,547	0.00%	\$0	0.41%	\$26,227
All add'l kWh	54,847,557	5.2573 ¢		\$2,883,501	0.00%	\$0	0.41%	\$11,718
<b>Total On Season</b>	<b>145,581,565</b>			<b>\$12,694,149</b>				
Post Season								
Customer Charge	7,027	\$14.00		\$98,378				
kWh	51,252,091	4.8789 ¢		\$2,500,538	0.00%	\$0	0.41%	\$10,162
<b>Total Post Season</b>	<b>51,252,091</b>			<b>\$2,598,916</b>				
<b>TOTAL RATE 10</b>	<b>196,833,656</b>			<b>\$15,293,065</b>		<b>\$0</b>		<b>\$60,447</b>

**Schedule No. 10-135 - Irrigation**

Annual Cust. Serv. Chg. - Primary	1	\$122.00		\$122				
Annual Cust. Serv. Chg. - Secondary	55	\$37.00		\$2,035				
Monthly Cust. Serv. Chg.	285	\$14.00		\$3,990				
All On-Season kW	26,155	\$7.14		\$186,747	0.00%	\$0	0.41%	\$759
Voltage Discount	10	(\$2.05)		(\$21)				
First 30,000 kWh	3,703,888	7.1126 ¢		\$263,443	0.00%	\$0	0.41%	\$1,071
All add'l kWh	3,271,622	5.2573 ¢		\$171,999	0.00%	\$0	0.41%	\$699
On-Peak kWh	132,217	14.0520 ¢		\$18,579	0.00%	\$0	0.41%	\$76
Off-Peak kWh	494,707	4.0492 ¢		\$20,032	0.00%	\$0	0.41%	\$81
<b>Total On Season</b>	<b>7,602,434</b>			<b>\$666,926</b>				
Post Season								
Customer Charge	123	\$14.00		\$17				
kWh	1,697,996	4.8789 ¢		\$82,844	0.00%	\$0	0.41%	\$337
<b>Total Post Season</b>	<b>1,697,996</b>			<b>\$82,861</b>				
<b>TOTAL RATE 10-135</b>	<b>9,300,430</b>			<b>\$749,787</b>		<b>\$0</b>		<b>\$3,022</b>

**Schedule No. 10-TOD**

Annual Cust. Serv. Chg. - Primary	3	\$122.00		\$366				
Annual Cust. Serv. Chg. - Secondary	266	\$37.00		\$9,842				
Monthly Cust. Serv. Chg.	1,196	\$14.00		\$16,744				
All On-Season kW	63,002	\$7.14		\$449,834	0.00%	\$0	0.41%	\$1,828
Voltage Discount kW	2,363	(\$2.05)		(\$4,844)				
On-Peak kWh	4,395,923	14.0520 ¢		\$617,715	0.00%	\$0	0.41%	\$2,510
Off-Peak kWh	13,428,677	4.0492 ¢		\$543,754	0.00%	\$0	0.41%	\$2,210
<b>Total On Season</b>	<b>17,824,600</b>			<b>\$1,633,411</b>				
Post Season								
Customer Charge	605	\$14.00		\$85				
kWh	6,433,787	4.8789 ¢		\$313,898	0.00%	\$0	0.41%	\$1,276
<b>Total Post Season</b>	<b>6,433,787</b>			<b>\$313,983</b>				
<b>TOTAL RATE 10-TOD</b>	<b>24,258,387</b>			<b>\$1,947,394</b>		<b>\$0</b>		<b>\$7,824</b>

**Schedule No. 11 - Street Lighting - Company-Owned System**

**Functional Lighting**

Level 1 (0-3,500 LED Equivalent Lumens)	32,060	\$11.82	\$378,953	0.00%	\$0	0.63%	\$2,392
Level 2 (3,501-5,500 LED Equivalent Lur)	197,233	\$12.74	\$2,512,752	0.00%	\$0	0.63%	\$15,858
Level 3 (5,501-8,000 LED Equivalent Lur)	20,644	\$13.19	\$272,290	0.00%	\$0	0.63%	\$1,718
Level 4 (8,001-12,000 LED Equivalent Lt)	574	\$13.71	\$7,871	0.00%	\$0	0.63%	\$50
Level 5 (12,001-15,500 LED Equivalent I)	22,536	\$14.60	\$329,020	0.00%	\$0	0.63%	\$2,076
Level 6 (15,501 and Greater LED Equival)	7,800	\$17.75	\$138,445	0.00%	\$0	0.63%	\$874

**Decorative Series**

Level 3 (5,501-8,000 LED Equivalent Lur)	5,104	\$23.15	\$118,165	0.00%	\$0	0.63%	\$746
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**Customer-Funded Conversion**

Level 1 (0-3,500 LED Equivalent Lumens)	0	\$6.04	\$0	0.00%	\$0	0.63%	\$0
Level 2 (3,501-5,500 LED Equivalent Lur)	276	\$6.57	\$1,813	0.00%	\$0	0.63%	\$11
Level 3 (5,501-8,000 LED Equivalent Lur)	0	\$6.99	\$0	0.00%	\$0	0.63%	\$0
Level 4 (8,001-12,000 LED Equivalent Lt)	0	\$7.46	\$0	0.00%	\$0	0.63%	\$0
Level 5 (12,001-15,500 LED Equivalent I)	12	\$8.00	\$96	0.00%	\$0	0.63%	\$1
Level 6 (15,501 and Greater LED Equival)	0	\$9.72	\$0	0.00%	\$0	0.63%	\$0

**Customer-Funded Conversion Decorative Series**

Level 3 (5,501-8,000 LED Equivalent Lur)	0	\$5.52	\$0	0.00%	\$0	0.63%	\$0
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Customers	715						
<b>Total</b>	<b>13,572,508</b>		<b>\$3,759,405</b>		<b>\$0</b>		<b>\$23,726</b>

**Schedule No. 12 - Street Lighting - Customer-Owned System**

**1. Energy Only, No Maintenance**

*High Pressures Sodium Vapor Lamps*

5,600 Lumen	51,176	\$1.33	\$68,064	0.00%	\$0	0.63%	\$430
9,500 Lumen	80,459	\$1.81	\$145,631	0.00%	\$0	0.63%	\$919
16,000 Lumen	67,482	\$2.65	\$178,827	0.00%	\$0	0.63%	\$1,129
27,500 Lumen	17,154	\$4.73	\$81,138	0.00%	\$0	0.63%	\$512
50,000 Lumen	10,092	\$7.27	\$73,369	0.00%	\$0	0.63%	\$463

*Metal Halide Lamps*

9,000 Lumen	4,369	\$1.85	\$8,083	0.00%	\$0	0.63%	\$51
12,000 Lumen	9,335	\$3.24	\$30,245	0.00%	\$0	0.63%	\$191
19,500 Lumen	10,137	\$4.48	\$45,414	0.00%	\$0	0.63%	\$287
32,000 Lumen	6,173	\$7.09	\$43,767	0.00%	\$0	0.63%	\$276

<i>Non-listed Luminaries kWh</i>	9,608,182	4.5465 ¢	\$436,836	0.00%	\$0	0.63%	\$2,757
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**2a - Partial Maintenance (No New Service)**

<i>Incandescent Lamps</i>								
2,500 Lumen or Less	46	\$6.50	\$299	0.00%	\$0	0.63%	\$2	
4,000 Lumen	23	\$8.84	\$203	0.00%	\$0	0.63%	\$1	
<i>Mercury Vapor Lamps</i>								
4,000 Lumen	0	\$3.37	\$0	0.00%	\$0	0.63%	\$0	
7,000 Lumen	404	\$5.08	\$2,052	0.00%	\$0	0.63%	\$13	
20,000 Lumen	53	\$9.67	\$513	0.00%	\$0	0.63%	\$3	
54,000 Lumen	0	\$20.59	\$0	0.00%	\$0	0.63%	\$0	
<i>High Pressure Sodium Vapor Lamps</i>								
5,600 Lumen	1,416	\$2.96	\$4,191	0.00%	\$0	0.63%	\$26	
9,500 Lumen	6,699	\$3.90	\$26,126	0.00%	\$0	0.63%	\$165	
9,500 Lumen - Decorative	3,869	\$5.05	\$19,538	0.00%	\$0	0.63%	\$123	
16,000 Lumen	586	\$4.73	\$2,772	0.00%	\$0	0.63%	\$17	
16,000 Lumen - Decorative	269	\$6.00	\$1,614	0.00%	\$0	0.63%	\$10	
22,000 Lumen	0	\$5.99	\$0	0.00%	\$0	0.63%	\$0	
27,500 Lumen	1,740	\$6.96	\$12,110	0.00%	\$0	0.63%	\$76	
27,500 Lumen - Decorative	77	\$8.65	\$666	0.00%	\$0	0.63%	\$4	
50,000 Lumen	4,562	\$10.15	\$46,304	0.00%	\$0	0.63%	\$292	
50,000 Lumen - Decorative	76	\$11.29	\$858	0.00%	\$0	0.63%	\$5	
<i>Metal Halide Lamps</i>								
9,000 Lumen - Decorative	587	\$6.67	\$3,915	0.00%	\$0	0.63%	\$25	
12,000 Lumen	847	\$9.84	\$8,334	0.00%	\$0	0.63%	\$53	
12,000 Lumen - Decorative	130	\$8.04	\$1,045	0.00%	\$0	0.63%	\$7	
19,500 Lumen	244	\$9.94	\$2,425	0.00%	\$0	0.63%	\$15	
19,500 Lumen - Decorative	3,676	\$10.25	\$37,679	0.00%	\$0	0.63%	\$238	
32,000 Lumen	122	\$10.58	\$1,291	0.00%	\$0	0.63%	\$8	
32,000 Lumen - Decorative	352	\$11.45	\$4,030	0.00%	\$0	0.63%	\$25	
<i>Fluorescent Lamps</i>								
1,000 Lumen	0	\$2.72	\$0	0.00%	\$0	0.63%	\$0	
21,800 Lumen	53	\$10.10	\$535	0.00%	\$0	0.63%	\$3	

**2b - Full Maintenance (No New Service)**

<i>Incandescent Lamps</i>								
6,000 Lumen	37	\$12.86	\$476	0.00%	\$0	0.63%	\$3	
10,000 Lumen	12	\$16.97	\$204	0.00%	\$0	0.63%	\$1	
<i>Mercury Vapor Lamps</i>								
7,000 Lumen	25	\$5.82	\$146	0.00%	\$0	0.63%	\$1	
20,000 Lumen	0	\$11.10	\$0	0.00%	\$0	0.63%	\$0	
54,000 Lumen	0	\$23.56	\$0	0.00%	\$0	0.63%	\$0	
<i>Sodium Vapor Lamps</i>								
5,600 Lumen	4,183	\$3.39	\$14,180	0.00%	\$0	0.63%	\$89	
9,500 Lumen	7,164	\$4.47	\$32,023	0.00%	\$0	0.63%	\$202	
16,000 Lumen	597	\$5.42	\$3,236	0.00%	\$0	0.63%	\$20	
22,000 Lumen	0	\$6.85	\$0	0.00%	\$0	0.63%	\$0	
27,500 Lumen	1,267	\$7.97	\$10,098	0.00%	\$0	0.63%	\$64	
50,000 Lumen	1,657	\$11.62	\$19,254	0.00%	\$0	0.63%	\$122	
<i>Metal Halide Lamps</i>								
12,000 Lumen	35	\$11.30	\$396	0.00%	\$0	0.63%	\$2	
19,500 Lumen	748	\$11.41	\$8,535	0.00%	\$0	0.63%	\$4	
32,000 Lumen	697	\$12.13	\$8,455	0.00%	\$0	0.63%	\$53	
107,000 Lumen	0	\$23.97	\$0	0.00%	\$0	0.63%	\$0	
Customers	1,229							
Total	26,868,874		\$1,384,878.49		\$0		\$8,740	

**Schedule 15.1 - Metered Outdoor Nighttime Lighting - Composite**

Annual Facility Charge	21,139	\$7.00	\$147,973				
Annual Customer Charge	638	\$49.02	\$31,275				
Annual Minimum Charge	0	\$84.02	\$0				
Monthly Customer Charge	7,644	\$4.19	\$32,028				
All kWh	15,963,151	3.5697 ¢	\$569,837	0.00%	\$0	0.32%	\$1,812
Total	15,963,151		\$781,113		\$0		\$1,812

**Schedule 15.2 - Traffic Signal Systems - Composite**

Customer Charge	32,811	\$5.50	\$180,461				
All kWh	7,776,370	8.0005 ¢	\$622,149	0.00%	\$0	0.43%	\$2,687
Total	7,776,370		\$802,610		\$0		\$2,687

**Schedule No. 21 - Electric Furnace Operations - Limited Service - Industrial**

**Schedule 6A**

Customer Charge	15	\$53.00		\$795				
Voltage Discount	0	(\$0.61)		\$0				
All kWh under 50 kWh/kW (Jun-Sept)	82,148	22.1562 ¢		\$18,201	0.00%	\$0	0.32%	\$58
All additional kWh (Jun-Sept)	0	4.3099 ¢		\$0	0.00%	\$0	0.32%	\$0
All kWh under 50 kWh/kW (Oct-May)	156,310	19.6073 ¢		\$30,648	0.00%	\$0	0.32%	\$98
All additional (Oct-May)	0	3.8141 ¢		\$0	0.00%	\$0	0.32%	\$0
On-Pk kWh (Jun-Sept)	45,621	6.0000 ¢		\$2,737	0.00%	\$0	0.32%	\$9
Off-Pk kWh (Jun-Sept)	36,527	(2.3358) ¢		(\$853)	0.00%	\$0	0.32%	(\$3)
On-Pk kWh (Oct-May)	86,807	5.3097 ¢		\$4,609	0.00%	\$0	0.32%	\$15
Off-Pk kWh (Oct-May)	69,503	(2.0671) ¢		(\$1,437)	0.00%	\$0	0.32%	(\$5)
	238,458			\$54,700		\$0		\$173

**Schedule 9**

Customer Charge	21	\$266.00		\$5,586				
Facilities kW	25,596	\$2.28		\$58,358				
On-Peak kW (Jun - Sept)	8,668	\$14.33		\$124,208	0.00%	\$0	0.23%	\$291
On-Peak kW (Oct - May)	16,941	\$12.68		\$214,810	0.00%	\$0	0.23%	\$503
On-Peak kWh (Jun - Sept)	91,666	5.1477 ¢		\$4,719	0.00%	\$0	0.23%	\$11
On-Peak kWh (Oct - May)	244,288	4.5555 ¢		\$11,129	0.00%	\$0	0.23%	\$26
Off-Peak kWh (Jun - Sept)	362,605	2.6165 ¢		\$9,488	0.00%	\$0	0.23%	\$22
Off-Peak kWh (Oct - May)	900,095	2.3155 ¢		\$20,842	0.00%	\$0	0.23%	\$49
	1,598,654			\$449,140		\$0		\$903
Total	1,837,112			\$503,840		\$0		\$1,075

**Schedule No.22 - Indoor Agricultural Lighting Service – 1,000 kW and Over**

Customer Service Charge					
Secondary		\$73.00			
Primary		\$73.00			
Transmission		\$269.00			
Facilities Charge All kW					
Secondary		\$1.42			
Primary		\$1.42			
Transmission		\$1.42			
Power Charge					
Secondary					
Summer-On Peak kW		\$8.46			
Winter-On Peak kW		\$6.08			
Primary					
Summer-On Peak kW		\$8.35			
Winter-On Peak kW		\$5.82			
Transmission					
Summer-On Peak kW		\$8.12			
Winter-On Peak kW		\$5.51			
Energy Charge					
Secondary					
Summer-On Peak kWh		9.5743 ¢			
Summer-Off Peak kWh		5.2656 ¢			
Winter-On Peak kWh		4.2635 ¢			
Winter-Off Peak kWh		3.5632 ¢			
Primary					
Summer-On Peak kWh		9.1899 ¢			
Summer-Off Peak kWh		4.8812 ¢			
Winter-On Peak kWh		3.8791 ¢			
Winter-Off Peak kWh		3.1789 ¢			
Transmission					
Summer-On Peak kWh		8.9899 ¢			
Summer-Off Peak kWh		4.6811 ¢			
Winter-On Peak kWh		3.6791 ¢			
Winter-Off Peak kWh		2.9788 ¢			
Total			\$0	\$0	\$0

**Schedule No. 23 - Composite**

Customer Charge	1,134,470	\$10.00	\$11,344,703			
Seasonal Service	0	\$117.00	\$0			
Minimum Charge	102	\$10.00	\$1,020			
kW over 15 (Jun - Sept)	303,570	\$8.89	\$2,698,737	0.00%	\$0	0.38% \$10,236
kW over 15 (Oct - May)	353,344	\$7.87	\$2,780,817	0.00%	\$0	0.38% \$10,547
First 1,500 kWh (Jun - Sept)	245,732,054	11.7120 ¢	\$28,780,138	0.00%	\$0	0.38% \$109,161
All Add'l kWh (Jun - Sept)	255,089,575	6.5567 ¢	\$16,725,458	0.00%	\$0	0.38% \$63,439
First 1,500 kWh (Oct - May)	491,138,812	10.3646 ¢	\$50,904,573	0.00%	\$0	0.38% \$193,078
All Add'l kWh (Oct - May)	394,638,630	5.8024 ¢	\$22,898,512	0.00%	\$0	0.38% \$86,853
Voltage Discount	11,994	(\$0.48)	(\$5,757)			
Subscriber Solar kWh	2,069,676	10.3811 ¢	\$214,855	0.00%	\$0	0.38% \$815
Subscriber Solar kWh Adj	(150,134)					
Total	<u>1,388,518,613</u>		<u>\$136,343,056</u>		<u>\$0</u>	<u>\$474,129</u>



**Schedule No. 23-135 - Composite**

Customer Charge	18,738	\$10.00	\$187,380				
Seasonal Service	0	\$117.00	\$0				
Minimum Charge	10	\$10.00	\$100				
kW over 15 (Jun - Sept)	6,794	\$8.89	\$60,399	0.00%	\$0	0.38%	\$229
kW over 15 (Oct - May)	9,813	\$7.87	\$77,228	0.00%	\$0	0.38%	\$293
First 1,500 kWh (Jun - Sept)	2,193,840	11.7120 ¢	\$256,943	0.00%	\$0	0.38%	\$975
All Add'l kWh (Jun - Sept)	2,240,351	6.5567 ¢	\$146,893	0.00%	\$0	0.38%	\$557
First 1,500 kWh (Oct - May)	5,247,056	10.3646 ¢	\$543,836	0.00%	\$0	0.38%	\$2,063
All Add'l kWh (Oct - May)	4,722,287	5.8024 ¢	\$274,006	0.00%	\$0	0.38%	\$1,039
Voltage Discount	0	(\$0.48)	\$0				
<b>Total</b>	<b>14,403,534</b>		<b>\$1,546,785</b>		<b>\$0</b>		<b>\$5,156</b>

**Schedule No. 23-136 - Composite**

Customer Charge	1,546	\$10.00	\$15,460				
Seasonal Service	0	\$117.00	\$0				
Aggregate Charge	393	\$2.00	\$786				
Minimum Charge	0	\$10.00	\$0				
kW over 15 (Jun - Sept)	552	\$8.89	\$4,907	0.00%	\$0	0.38%	\$19
kW over 15 (Oct - May)	982	7.8700	\$7,728	0.00%	\$0	0.38%	\$29
First 1,500 kWh (Jun - Sept)	228,752	11.7120 ¢	\$26,791	0.00%	\$0	0.38%	\$102
All Add'l kWh (Jun - Sept)	234,472	6.5567 ¢	\$15,374	0.00%	\$0	0.38%	\$58
First 1,500 kWh (Oct - May)	417,772	10.3646 ¢	\$43,300	0.00%	\$0	0.38%	\$164
All Add'l kWh (Oct - May)	648,715	5.8024 ¢	\$37,641	0.00%	\$0	0.38%	\$143
Voltage Discount	0	(\$0.48)	\$0				
<b>Total</b>	<b>1,529,711</b>		<b>\$151,987</b>		<b>\$0</b>		<b>\$515</b>

**Schedule No.31 - Composite**

Secondary Voltage

Customer Charge per month	0	\$137.00	\$0
Facilities Charge, per kW month	0	\$5.75	\$0
Back-up Power Charge			
Regular, per On-Peak kW day			
Jun - Sept	0	\$0.90	\$0
Oct - May	0	\$0.80	\$0
Maintenance, per On-Peak kW day			
Jun - Sept	0	\$0.45	\$0
Oct - May	0	\$0.40	\$0
Excess Power, per kW month			
Jun - Sept	0	\$41.89	\$0
Oct - May	0	\$37.07	\$0

Primary Voltage

Customer Charge per month	25	\$621.00	\$15,525
Facilities Charge, per kW month	34,929	\$4.58	\$159,975
Back-up Power Charge			
Regular, per On-Peak kW day			
Jun - Sept	67,470	\$0.88	\$59,374
Oct - May	47,316	\$0.78	\$36,906
Maintenance, per On-Peak kW day			
Jun - Sept	1,510	\$0.44	\$664
Oct - May	0	\$0.39	\$0
Excess Power, per kW month			
Jun - Sept	142	\$39.56	\$5,618
Oct - May	655	\$35.01	\$22,932

Transmission Voltage

Customer Charge per month	59	\$696.00	\$41,064
Facilities Charge, per kW month	291,905	\$2.70	\$788,144
Back-up Power Charge			
Regular, per On-Peak kW day			
Jun - Sept	657,860	\$0.78	\$513,131
Oct - May	307,104	\$0.69	\$211,902
Maintenance, per On-Peak kW day			
Jun - Sept	0	\$0.39	\$0
Oct - May	150,561	\$0.35	\$51,944
Excess Power, per kW month			
Jun - Sept	6,767	\$33.21	\$224,732
Oct - May	1,067	\$29.39	\$31,359

Subtotal			<u>\$2,163,270</u>
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*Supplemental billed at Schedule 8/9 rate*

**Schedule 8**

Facilities kW	27,799	\$4.81	\$133,713				
On-Peak kW (Jun - Sept)	2,699	\$15.73	\$42,455	0.00%	\$0	0.33%	\$139
On-Peak kW (Oct - May)	26,884	\$13.92	\$374,225	0.00%	\$0	0.33%	\$1,225
On-Peak kWh (Jun - Sept)	905,085	5.8282 ¢	\$52,750	0.00%	\$0	0.33%	\$173
On-Peak kWh (Oct - May)	2,558,532	5.1577 ¢	\$131,961	0.00%	\$0	0.33%	\$432
Off-Peak kWh (Jun - Sept)	4,024,260	2.9624 ¢	\$119,215	0.00%	\$0	0.33%	\$390
Off-Peak kWh (Oct - May)	7,522,766	2.6216 ¢	\$197,217	0.00%	\$0	0.33%	\$645
Voltage Discount	27,713	(\$1.13)	(\$31,316)				

**Schedule 9**

Facilities kW	283,278	\$2.28	\$645,874		\$0		\$3,004
On-Peak kW (Jun - Sept)	96,907	\$14.33	\$1,388,677	0.00%	\$0	0.23%	\$3,254
On-Peak kW (Oct - May)	180,946	\$12.68	\$2,294,395	0.00%	\$0	0.23%	\$5,376
On-Peak kWh (Jun - Sept)	14,609,917	5.1477 ¢	\$752,075	0.00%	\$0	0.23%	\$1,762
On-Peak kWh (Oct - May)	21,736,230	4.5555 ¢	\$990,194	0.00%	\$0	0.23%	\$2,320
Off-Peak kWh (Jun - Sept)	47,389,695	2.6165 ¢	\$1,239,951	0.00%	\$0	0.23%	\$2,906
Off-Peak kWh (Oct - May)	90,512,658	2.3155 ¢	\$2,095,821	0.00%	\$0	0.23%	\$4,911
					\$0		\$20,530
<b>Total (Aggregated)</b>	<b>189,259,143</b>		<b>\$12,590,477</b>		<b>\$0</b>		<b>\$23,533</b>

**Schedule 32 - Service From Renewable Energy Facilities - Commercial**

Customer Charges:

Distribution Voltage < 1 MW		\$55.00	\$0
Distribution Voltage > 1 MW		\$72.00	\$0
Transmission Voltage	36	\$266.00	\$9,576

Administrative Fee:

All Voltages / per Generator	13	\$113.00	\$1,451
All Voltages / per Delivery Point	39	\$154.00	\$5,932

Delivery Facilities Charges:

Secondary Voltage < 1 MW		\$7.52	\$0
Primary Voltage < 1 MW		\$6.56	\$0
Secondary Voltage > 1 MW		\$8.37	\$0
Primary Voltage > 1 MW		\$7.24	\$0
Transmission Voltage	245,396	\$4.35	\$1,067,470

Daily Power Charges:

On-Peak Secondary Voltage < 1 MW			
June - September:		\$0.57	\$0
October - May:		\$0.48	\$0
On-Peak Primary Voltage < 1 MW			
June - September:		\$0.57	\$0
October - May:		\$0.47	\$0
On-Peak Secondary Voltage > 1 MW			
June - September:		\$0.72	\$0
October - May:		\$0.61	\$0
On-Peak Primary Voltage > 1 MW			
June - September:		\$0.71	\$0
October - May:		\$0.59	\$0

On-Peak Transmission Voltage

June - September:	526,626	\$0.71	\$373,905
October - May:	913,271	\$0.61	\$557,095

Renewable Energy PPA	172,556,857	5.7290 ¢	\$9,885,782
Subtotal	172,556,857		\$11,901,211

*Supplemental billed at Schedule 8/9 rate*

**Schedule 9**

Facilities kW	41,883	\$2.28	\$95,492				
On-Peak kW (Jun - Sept)	15,180	\$14.33	\$217,530	0.00%	\$0	0.23%	\$510
On-Peak kW (Oct - May)	26,325	\$12.68	\$333,802	0.00%	\$0	0.23%	\$782
On-Peak kWh (Jun - Sept)	4,703,542	5.1477 ¢	\$242,124	0.00%	\$0	0.23%	\$567
On-Peak kWh (Oct - May)	4,209,024	4.5555 ¢	\$191,742	0.00%	\$0	0.23%	\$449
Off-Peak kWh (Jun - Sept)	6,552,517	2.6165 ¢	\$171,447	0.00%	\$0	0.23%	\$402
Off-Peak kWh (Oct - May)	8,628,050	2.3155 ¢	\$199,782	0.00%	\$0	0.23%	\$468
<b>Total (Aggregated)</b>	<b>196,649,990</b>		<b>\$13,353,130</b>		<b>\$0</b>		<b>\$3,179</b>

**Schedule 34 - Renewable Energy Purchases for Qualified Customers – 5,000 kW and Over - Commercial**

Customer Charge	12						
<b>Total</b>	<b>242,230,000</b>	<b>5.3783 ¢</b>	<b>\$13,027,758</b>		<b>\$0</b>		<b>\$0</b>

**Contract 1**

Monthly Fixed Charge	12	\$232.00	\$2,784				
Customer Charge per HLH kW	1,004,562	\$1.92	\$1,928,759				
Demand Charge per HLH kW (May - Se	381,956	\$12.93	\$4,938,691	0.00%	\$0	0.36%	\$17,673
Demand Charge per HLH kW (Oct - Ap	622,606	\$8.67	\$5,397,994	0.00%	\$0	0.36%	\$19,316
kWh HLH (May - Sept)	101,240,704	4.3940 ¢	\$4,448,517	0.00%	\$0	0.36%	\$15,918
kWh LLH (May - Sept)	142,951,672	2.7600 ¢	\$3,945,466	0.00%	\$0	0.36%	\$14,118
kWh HLH (Oct - Apr)	168,476,287	3.3060 ¢	\$5,569,826	0.00%	\$0	0.36%	\$19,931
kWh LLH (Oct - Apr)	204,431,337	2.7600 ¢	\$5,642,305	0.00%	\$0	0.36%	\$20,190
<b>Total</b>	<b>617,100,000</b>		<b>\$31,874,342</b>		<b>\$0</b>		<b>\$107,147</b>

**Contract 2**

Customer Charge	12						
On-Peak kWh (May-Sept)	57,264,151	6.5680 ¢	\$3,761,109	0.00%	\$0	0.34%	\$12,643
On-Peak kWh (Oct-Apr)	179,663,027	4.9410 ¢	\$8,877,150	0.00%	\$0	0.34%	\$29,841
Off-Peak kWh (May - Sept)	239,492,626	4.1280 ¢	\$9,886,256	0.00%	\$0	0.34%	\$33,233
Off-Peak kWh (Oct-Apr)	229,035,745	4.1280 ¢	\$9,454,596	0.00%	\$0	0.34%	\$31,782
<b>Total</b>	<b>705,455,549</b>		<b>\$31,979,111</b>		<b>\$0</b>		<b>\$107,499</b>

**Contract 3**

Customer Charge	12						
Block 1	376,680,000	5.8419 ¢	\$22,005,408				
Block 2 - Market							
Block 2 - Index	911,946,197	4.4906 ¢	\$40,952,185				
<b>Total</b>	<b>1,288,626,197</b>		<b>\$62,957,593</b>		<b>\$0</b>		<b>\$0</b>

**Lighting Contract - Post Top Lighting - Composite**

Customers	4						
Energy Only Res	48	\$2.1800	\$105				
Energy Only Non-Res	207	\$2.1858	\$452				
Subtotal	255		\$557				
<b>Total</b>	<b>7,387</b>		<b>\$557</b>		<b>\$0</b>		<b>\$0</b>

**Annual Guarantee Adjustment**

Residential			\$6,795				
Commercial			\$3,742,344				
Industrial			\$823,370				
Irrigation			\$231,623				
Public Street & Highway Lighting			\$4,655				
<b>Total AGA</b>			<b>\$4,808,787</b>		<b>\$0</b>		<b>\$0</b>

<b>TOTAL - ALL CLASSES</b>	<b>24,837,388,161</b>		<b>\$2,033,141,225</b>		<b>\$0</b>		<b>\$6,834,480</b>
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ATTACHMENT D

Proposed Changes to Schedule 97

**ROCKY MOUNTAIN POWER**  
**ELECTRIC SERVICE SCHEDULE NO. 97**  
**STATE OF UTAH**

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**Wildfire Mitigation Balancing Account**

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**AVAILABILITY:** At any point on the Company's interconnected system.

**APPLICATION:** This Schedule shall be applicable to all retail tariff Customers taking service under the terms contained in this Tariff.

**MONTHLY BILL:** In addition to the Monthly Charges contained in the Customer's applicable schedule, all monthly bills shall have the following percentage adjustments applied to the Monthly Power Charges and Energy Charges of the Customer's applicable schedule.

Schedule 1	0.51%
Schedule 2	0.51%
Schedule 2E	0.51%
Schedule 3	0.51%
Schedule 6	0.36%
Schedule 6A	0.32%
Schedule 7*	0.63%
Schedule 8	0.33%
Schedule 9	0.23%
Schedule 9A	0.26%
Schedule 10	0.41%
Schedule 11*	0.63%
Schedule 12*	0.63%
Schedule 15 (Traffic and Other Signal Systems)	0.43%
Schedule 15 (Metered Outdoor Nighttime Lighting)	0.32%
Schedule 22	0.23%
Schedule 23	0.38%
Schedule 31	**
Schedule 32	**

\* The rate for Schedules 7, 11 and 12 shall be applied to the Charge per Lamp.

\*\* The rate for Schedules 31 and 32 shall be the same as the applicable general service schedule.

(continued)

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Issued by authority of Report and Order of the Public Service Commission of Utah in Docket No. 23-035-27

**FILED:** June 1, 2023

**EFFECTIVE:** October 1, 2023

**ROCKY MOUNTAIN POWER**  
**ELECTRIC SERVICE SCHEDULE NO. 97**  
**STATE OF UTAH**

**Wildfire Mitigation Balancing Account**

**AVAILABILITY:** At any point on the Company's interconnected system.

**APPLICATION:** This Schedule shall be applicable to all retail tariff Customers taking service under the terms contained in this Tariff.

**MONTHLY BILL:** In addition to the Monthly Charges contained in the Customer's applicable schedule, all monthly bills shall have the following percentage adjustments applied to the Monthly Power Charges and Energy Charges of the Customer's applicable schedule.

Schedule 1	0. <del>5100</del> %
Schedule 2	0. <del>5100</del> %
Schedule 2E	0. <del>5100</del> %
Schedule 3	0. <del>5100</del> %
Schedule 6	0. <del>3600</del> %
Schedule 6A	0. <del>3200</del> %
Schedule 7*	0. <del>6300</del> %
Schedule 8	0. <del>3300</del> %
Schedule 9	0. <del>2300</del> %
Schedule 9A	0. <del>2600</del> %
Schedule 10	0. <del>4100</del> %
Schedule 11*	0. <del>6300</del> %
Schedule 12*	0. <del>6300</del> %
Schedule 15 (Traffic and Other Signal Systems)	0. <del>4300</del> %
Schedule 15 (Metered Outdoor Nighttime Lighting)	0. <del>3200</del> %
Schedule 22	0. <del>2300</del> %
Schedule 23	0. <del>3800</del> %
Schedule 31	**
Schedule 32	**

\* The rate for Schedules 7, 11 and 12 shall be applied to the Charge per Lamp.

\*\* The rate for Schedules 31 and 32 shall be the same as the applicable general service schedule.

(continued)

Issued by authority of Report and Order of the Public Service Commission of Utah in Docket No. ~~231-035-27T08/Advice No. 21-06~~

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**EFFECTIVE:** October 1, 20231