



Joelle R. Steward  
Vice President, Regulation  
1407 West North Temple, Suite 330  
Salt Lake City, UT 84116

September 12, 2019

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

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

Attn: Chris Petrie, Chief Counsel

Docket No. 20000-\_\_\_\_-ET-19  
Record No. \_\_\_\_\_

**RE: IN THE MATTER OF THE APPLICATION OF ROCKY MOUNTAIN POWER  
FOR AUTHORITY TO REVISE RULE 6 COMPANY'S INSTALLATION**

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Dear Mr. Petrie:

Enclosed for filing are an original and four (4) copies of Rocky Mountain Power's (the "Company") application requesting approval to modify Rule 6 (Company's Installation).

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

It is respectfully requested that all formal correspondence and Staff requests regarding this matter be addressed to:

By E-mail (preferred): [datarequest@pacificorp.com](mailto:datarequest@pacificorp.com)

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

with copies to: Stacy Splittstoesser  
Wyoming Regulatory Affairs Manager  
Rocky Mountain Power  
315 W. 27<sup>th</sup> St.  
Cheyenne, Wyoming 82001  
E-mail: [stacy.splittstoesser@pacificorp.com](mailto:stacy.splittstoesser@pacificorp.com)

Wyoming Public Service Commission

September 12, 2019

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Daniel Solander  
Senior Attorney  
Rocky Mountain Power  
1407 W. North Temple, Suite 320  
Salt Lake City, Utah 84116  
E-mail: [daniel.solander@pacificorp.com](mailto:daniel.solander@pacificorp.com)

Please contact Stacy Splittstoesser, Wyoming Regulatory Affairs Manager at (307) 632-2677 if you have any questions.

Sincerely,



Joelle R. Steward  
Vice President, Regulation

Enclosures

Daniel E. Solander  
Senior Attorney  
1407 West North Temple, Suite 320  
Salt Lake City, UT 84116  
Telephone: (801) 220-4014  
Email: [daniel.solander@pacificorp.com](mailto:daniel.solander@pacificorp.com)

*Attorney for Rocky Mountain Power*

**BEFORE THE WYOMING PUBLIC SERVICE COMMISSION**

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<b>IN THE MATTER OF THE APPLICATION</b>	)	
<b>OF ROCKY MOUNTAIN POWER FOR</b>	)	DOCKET NO. 20000-____-ET-19
<b>AUTHORITY TO REVISE RULE 6</b>	)	Record No. (_____)
<b>COMPANY'S INSTALLATION</b>	)	

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COMES NOW, Rocky Mountain Power (the "Company"), and hereby applies to the Wyoming Public Service Commission (the "Commission") for authority to revise Section II. of Rule 6 (Company's Installation) to include a new option for customers to receive single phase 240/480 volt ("240/480V") secondary service as shown in Exhibit 1 to this application.

In support of this Application, the Company states as follows:

1. Rocky Mountain Power is a division of PacifiCorp, an Oregon corporation, which provides electric service to retail customers through its Rocky Mountain Power division in the states of Wyoming, Utah, and Idaho, and through its Pacific Power division in the states of Oregon, California, and Washington.
2. Rocky Mountain Power is a regulated public utility in the state of Wyoming and is subject to the Commission's jurisdiction with respect to its prices and terms of electric service to retail customers in Wyoming. Rocky Mountain Power's principal place of business in Wyoming is 2840 East Yellowstone Highway, Casper, Wyoming, 82602.

3. Communications regarding this filing should be addressed to:

Stacy Splittstoesser  
Wyoming Regulatory Affairs Manager  
Rocky Mountain Power  
315 West 27<sup>th</sup> Street  
Cheyenne, WY 82001  
E-mail: [stacy.splittstoesser@pacificorp.com](mailto:stacy.splittstoesser@pacificorp.com)

Daniel E. Solander  
Senior Attorney  
Rocky Mountain Power  
1407 West North Temple, Suite 320  
Salt Lake City, UT 84116  
E-mail: [daniel.solander@pacificorp.com](mailto:daniel.solander@pacificorp.com)

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

By e-mail (preferred): [datarequest@pacificorp.com](mailto:datarequest@pacificorp.com)

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

Informal inquiries may be directed to Stacy Splittstoesser, at (307) 632-2677.

4. Approximately 40 percent of the Company's distribution lines are constructed as single phase power and the lack of three phase supply can create challenges for customers with equipment that requires three phase power. In particular, electric motors (that are typically used for irrigation, sewage lift stations, mine ventilation, etc.) have limited commercial availability in single phase ratings above 7.5 horsepower ("HP"). Costs to extend three phase primary lines ranges from \$60,000-\$150,000 per mile.

5. If capacity is available on an existing single phase line, a three phase supply can be derived from a variable frequency drive ("VFD") or rotary phase converter.

Allowing the Company to provide single phase 240/480V service can reduce customer costs when only single phase is available. On average, 480V class phase converters and motors are 10 to 25 percent less expensive than 240V class phase converters and additional savings can be realized in wiring and conduit costs.

6. For example, single phase 240/480V service is the typical voltage for a number of transportation agencies for roadway lighting. As lighting circuits may extend for several miles, single phase 240/480V service is used to reduce both wiring costs and voltage drop. Providing 240/480V service will reduce transportation agency costs by eliminating the need to install 2:1 step-up transformers to obtain 240/480V service from the currently available 120/240V services.

7. Direct current (“DC”) fast charging for electric vehicles is an emerging use for 240/480V service. At this time all commercially available options for DC fast charging require three phase power. The Company has had discussions with several vendors with single phase solutions under development, in order to enable DC fast charging in areas where only single phase is available. 240/480V service will reduce service entrance wiring and alternating current (“AC”) rectification stage costs compared to if only 120/240V service were available.

8. Accommodating single phase 240/480V service will have very little impact to the Company’s current construction standards, practices and inventory requirements. Additional inventory will be required to support pad-mount transformer installations but no impact to overhead transformer inventory levels is anticipated. The Company’s current standards and equipment support the metering of 240/480V single phase services and no

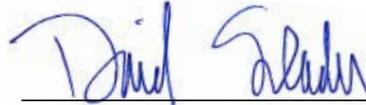
impact to system planning is anticipated with the introduction of single phase 240/480V service.

9. Providing single phase 240/480V service will benefit customers and have minimal impact to Company operations. There are a number of commercial applications that will benefit from the 240/480V option when selecting equipment, which can help reduce customer costs.

WHEREFORE, in accordance with Chapter 3, Section 21(h) of the Commission's Rules, the Company respectfully requests that the Commission issue an order approving the addition of 240/480V as a secondary service standard voltage option to Section II of the Company's Rule 6 Company's Installation as shown in Exhibit 1 to this application.

DATED this 12<sup>th</sup> day of September, 2019.

Respectfully submitted,



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Daniel E. Solander  
Attorney for Rocky Mountain Power

# **Exhibit 1**

Revision to Sheet No. R6-1

# ROCKY MOUNTAIN POWER

Second Revision of Sheet No. R6-1  
Canceling First Revision of No. R6-1

P.S.C. Wyoming No. 16

## Company's Installation Rule 6

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### I. Company's Installation

The Company will install and maintain the electric lines and equipment on the Company's side of the Point of Delivery. It will only maintain its meters and accessories beyond that point. Only the Company is authorized to make the connections at the Point of Delivery.

The equipment the Company installs on the Customer's premises remains the property of the Company. If the Company's equipment is lost or damaged because of the Customer's neglect, carelessness, or misuse, the Customer will pay the cost of repairs or replacement.

The Customer will allow the Company safe, unobstructed access to the Customer's premises, at reasonable times, to read meters, to inspect and repair facilities, to connect, disconnect or terminate service, and to trim trees and other vegetation to the extent necessary to avoid interference with the Company's lines and to protect public safety.

### II. Description of Service

#### A. General

The Company supplies alternating current at 60 hertz, single-phase or three-phase, at one of the voltages listed in **B.** below. The Company may limit the maximum or minimum load served at any of these voltages.

#### B. Standard Voltages

##### 1. Secondary Service Voltages

Single-phase, 120 volts, 2-wire, grounded  
Single-phase, 120/240 volts, 3-wire, grounded  
Single-phase, 240/480 volts, 3-wire, grounded  
Three-phase, 208Y/120 volts, 4-wire, grounded  
Three-phase, 480Y/277 volts, 4-wire, grounded

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*(continued)*

Issued by  
Vice President, Regulation

Issued: September 12, 2019

Effective: With service rendered  
on and after \_\_\_\_\_

# ROCKY MOUNTAIN POWER

~~First~~Second Revision of Sheet No. R6-1  
Canceling ~~Original Sheet~~First Revision of No. R6-1

P.S.C. Wyoming No. 16

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### II. Description of Service

#### A. General

The Company supplies alternating current at 60 hertz, single-phase or three-phase, at one of the voltages listed in **B.** below. The Company may limit the maximum or minimum load served at any of these voltages.

#### B. Standard Voltages

##### 1. Secondary Service Voltages

Single-phase, 120 volts, 2-wire, grounded

Single-phase, 120/240 volts, 3-wire, grounded

~~Single-phase, 240/480 volts, 3-wire, grounded~~

Three-phase, 208Y/120 volts, 4-wire, grounded

Three-phase, 480Y/277 volts, 4-wire, grounded

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(continued)

Issued by

~~Jeffrey K. Larsen~~, Vice President, Regulation

Issued: ~~October 27, 2017~~September 12, 2019

Effective: With service rendered

on and after ~~September 12, 2017~~ \_\_\_\_\_