

Rocky Mountain Power
Exhibit RMP__(JRS-1)
Docket No. 16-035-__
Witness: Joelle R. Steward

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF UTAH

ROCKY MOUNTAIN POWER

Exhibit Accompanying Direct Testimony of Joelle R. Steward

Proposed Tariff Revisions (Schedule 136 and Schedule 5)

November 2016

ROCKY MOUNTAIN POWER

ELECTRIC SERVICE SCHEDULE NO. 5

STATE OF UTAH

Residential Service for Customer Generators

AVAILABILITY: At any point on the Company's interconnected system where there are facilities of adequate capacity.

APPLICATION: This Schedule is for alternating current electric service for residential purposes supplied at approximately 120 or 240 volts through one meter at a single point of delivery for service required on the premises to any residential customer who has executed an Interconnection Agreement under Schedule 136, Net Metering Program.

When conditions are such that service is supplied through one meter to more than one dwelling or apartment unit, the charge for such service will be computed by multiplying the number of kWh in each applicable usage block, the Customer Service Charge, the Power Charge and the minimum charges by the maximum number of dwelling or apartment units that may be served.

When a portion of a dwelling is used regularly for business, professional or other gainful purposes and 50 percent or more of the electrical energy supplied to that dwelling is being used for residential purposes, the premises shall be subject to this or other residential rates. If 50 percent or more of the electrical energy supplied to the premises is used for other than residential purposes, the premises will be classified as non-residential and electric service shall be provided under the appropriate non-residential schedule. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this Schedule will be applied to such service.

MONTHLY BILL:

Customer Service Charge:

Single phase: \$15.00 per customer

Three phase: \$30.00 per customer

Power Charge:

On-Peak: \$9.02 per kW

Off-Peak: None

(continued)

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ELECTRIC SERVICE SCHEDULE NO. 5 - Continued

MONTHLY BILL: (continued)

Energy Charge:

3.8143¢ per kWh for all kWh

MINIMUM: Customer Service Charge plus appropriate Power and Energy Charges.

SURCHARGE ADJUSTMENT: All monthly bills shall be adjusted in accordance with Schedule 80.

POWER: The kW as shown by or computed from the readings of Company's Power meter for the 60-minute On-Peak period of Customer's greatest use during the month.

TIME PERIODS:

On-Peak: October through April inclusive
8:00 a.m. to 10:00 a.m., and 3:00 p.m. to 8:00 p.m., Monday thru Friday, except holidays.
May through September inclusive
3:00 p.m. to 8:00 p.m., Monday thru Friday, except holidays.

Off-Peak: All other times.

Holidays include only New Year's Day, President's Day, Memorial Day, Independence Day, Pioneer Day, Labor Day, Thanksgiving Day, and Christmas Day. When a holiday falls on a Saturday or Sunday, the Friday before the holiday (if the holiday falls on a Saturday) or the Monday following the holiday (if the holiday falls on a Sunday) will be considered a holiday and consequently Off-Peak.

CONNECTION FEE: Each time a Customer, eligible to receive electric service under this Schedule, begins to receive electric service at a point of delivery not previously used, or at a point of delivery which has been used previously by another Customer, or each time a Customer changes his point of delivery or reconnects after voluntary disconnection to the same point of delivery, that Customer shall be charged a connection fee of \$10.00.

At the discretion of the Company, the connection fee may be waived for account holders such as landlords and real estate agents who accept, on a temporary basis, responsibility for the accounts of vacant residential units during the transitional time of vacancy in those cases where the cost to the Company of the physical discontinuance and restoration of electrical service would exceed the amount of the connection fee.

(continued)

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ELECTRIC SERVICE SCHEDULE NO. 5 - Continued

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

ROCKY MOUNTAIN POWER
ELECTRIC SERVICE SCHEDULE NO. 136

STATE OF UTAH

Net Metering Program

AVAILABILITY: At any point on the Company's interconnected system. Customers will be subject to any and all changes to the net-metering program tariff.

APPLICATION: On a first-come, first-served basis to any customer that owns or leases a customer-operated renewable generating facility or, as defined in Utah Code 54-2-1(16)(d), an eligible customer that purchases electricity from an independent energy producer operating a renewable generating facility, with a capacity of not more than twenty-five (25) kilowatts for a residential facility and two (2) megawatts for a non-residential facility that is located on, or adjacent to, the customers' premises, is interconnected and operates in parallel with the Company's existing distribution facilities, is intended primarily to offset part or all of the customer's own electrical requirements, is controlled by an inverter capable of enabling safe and efficient synchronous coupling with Rocky Mountain Power's electrical system, and has executed an Interconnection Agreement for Net Metering Service with the Company. This schedule is offered in compliance with Utah Code Ann. § 54-15-101 to 106 and R746-312.

DEFINITIONS: Net Metering means measuring the difference between the electricity supplied by the Company and the electricity generated by an eligible customer-generator and fed back to the electric grid over the applicable billing period.

An Inverter means a device that converts direct current power into alternating current power that is compatible with power generated by the Company.

Annualized Billing Period means the period commencing after the regularly scheduled meter reading for the month of March or in the case of new Schedule 136 service the date that the customer first takes service from Schedule 136 and ending on the regularly scheduled meter reading for the month of March.

(continued)

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ELECTRIC SERVICE SCHEDULE NO. 136 - Continued

DEFINITIONS: (continued)

Residential Customer means any customer whose service is furnished for (1) domestic purposes in single family dwelling units; (2) apartments where each dwelling unit is separately metered and billed; and (3) combined family dwelling units. Residential customers do not include dwellings where tenancy is typically less than 30 days in length, such as hotels, motels, camps, lodges and clubs.

Small Non-Residential Customer means any customer that receives electric service under Electric Service Schedules 15 or 23.

Large Non-Residential Customer means any customer that receives electric service under Electric Service Schedules 6, 6A, 6B, 8 or 10.

Renewable Generating Facility means a facility that uses energy derived from one of the following:

- a) solar photovoltaics;
- b) solar thermal energy;
- c) wind energy;
- d) hydrogen;
- e) organic waste;
- f) hydroelectric energy;
- g) waste gas and waste heat capture or recovery;
- h) biomass and biomass byproducts, except for the combustion of wood that has been treated with chemical preservatives such as creosote, pentachlorophenol, chromated copper arsenate, or municipal waste in a solid form;
- i) forest or rangeland woody debris from harvesting or thinning conducted to improve forest or rangeland ecological health and to reduce wildfire risk;
- j) agricultural residues;
- k) dedicated energy crops;
- l) landfill gas or biogas produced from organic matter, wastewater, anaerobic digesters, or municipal solid waste; or
- m) geothermal energy.

MONTHLY BILL: The Electric Service Charge shall be computed in accordance with the Monthly Billing in the applicable standard service tariff. Regardless of whether the Customer provides excess net generation during the month, the Customer shall be billed the minimum monthly amount from the applicable standard service tariff.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 136 - Continued

SPECIAL CONDITIONS:

1. Applications for service under this schedule will be subject to fees authorized by the Commission.
2. Residential customers participating in the Net Metering Program under this Schedule shall take service from Schedule 5 – Residential Service for Customer Generators.
3. If the energy supplied to the Company is less than the energy purchased from the Company, the prices specified in the Energy Charge section of the Monthly Billing of the applicable standard service tariff shall be applied to the positive balance owed to the Company.
4. If the energy supplied to the Company is greater than the energy supplied by the Company, the Customer shall be billed for the appropriate monthly charges and shall be credited for such Net Metering Energy as follows:
 - A. Residential and Small Non-Residential Customer shall be credited for such net energy with a cumulative kilowatt-hour credit. The credit will be deducted from the customer’s kilowatt-hour usage on the customer’s next monthly bill thus offsetting the customer’s next monthly bill at the full retail rate of the customer’s rate schedule.
 - B. A Large Non-Residential Customer, at the time of initial enrollment under this tariff, must elect a compensation method to receive cumulative credits for the upcoming Annualized Billing Period from one of the following options:
 - (i) An Average Energy Price for the applicable calendar year according to the Volumetric Non-Levelized Prices shown in Schedule 37 as determined by the following formula: $0.38 \times \text{Winter On-Peak Energy Price} + 0.19 \times \text{Summer On-Peak Energy Price} + 0.29 \times \text{Winter Off-Peak Energy Price} + 0.14 \times \text{Summer Off-Peak Energy Price}$; or
 - (ii) A Seasonally Differentiated Energy Price for the applicable calendar year according to the Non-Levelized Prices shown in Schedule 37 as determined by the following formula: $0.57 \times \text{Summer On-Peak Energy Price} + 0.43 \times \text{Summer Off-Peak Energy Price}$ for the regularly scheduled meter readings from June through September and $0.57 \times \text{Winter On-Peak Energy Price} + 0.43 \times \text{Winter Off-Peak Energy Price}$ for the regularly scheduled meter readings from October through May:

(continued)

ELECTRIC SERVICE SCHEDULE NO. 136 – Continued

SPECIAL CONDITIONS: (continued)

A Large Non-Residential Customer may change the compensation method once per year at the beginning of each Annualized Billing Period. The Company must receive written change notification of any change within sixty (60) days of the beginning of the Annualized Billing Period.

5. All unused credits accumulated by the customer-generator, except Customers taking service under Electric Service Schedule No. 10, shall expire with the regularly scheduled meter reading for the month of March of each year. For Customers taking service under Electric Service Schedule No. 10, all unused credits accumulated by the customer-generator shall expire with the regularly scheduled meter reading for the month of October of each year.
6. Upon the customer-generator's request and within thirty (30) days notice to the Company, the Company shall aggregate for billing purposes the meter to which the net metering facility is physically attached ("designated meter") with one or more meters ("additional meter") if the following conditions are met:
 - (i) the additional meter is located on or adjacent to premises of the customer-generator;
 - (ii) the additional meter is used to measure only electricity used for the customer-generator's requirements;
 - (iii) the designated meter and additional meter are subject to the same rate schedule; and
 - (iv) the designated meter and the additional meter are served by the same primary feeder.

At the time of notice to the Company, the customer-generator must identify the specific meters and designate a rank order for the additional meters to which net metering credits are to be applied.

7. The customer-generator shall provide at the customer's expense all equipment necessary to meet applicable local and national standards regarding electrical and fire safety, power quality, and interconnection requirements established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, and Underwriters Laboratories.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 136 – Continued

8. For customer-generators generation systems of 10 kilowatts or less that are inverter-based, a disconnect switch is not required. For all other generation systems, the customer-generator must install and maintain a manual disconnect switch that will disconnect the generating facility from the Company's distribution system. The disconnect switch must be a lockable, load-break switch that plainly indicates whether it is in the open or closed position. Except as provided in R746-312-4(2) (a) (ii), the disconnect switch must be readily accessible to the Company at all times and located within ten (10) feet of the Company's meter.
9. The Company shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a net metering facility, or for the acts or omissions of the customer-generator that cause loss or injury, including death, to any third party.
10. The Company may test and inspect an interconnection at times that the electrical corporation considers necessary to ensure the safety of electrical workers and to preserve the integrity of the electric power grid.
11. Unless otherwise agreed to by a separate contract, the owner of the renewable energy facility retains ownership of the non-energy attributes associated with electricity the facility generates.

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

ROCKY MOUNTAIN POWER

ELECTRIC SERVICE SCHEDULE NO. 1365

STATE OF UTAH

Net Metering ProgramService

AVAILABILITY: At any point on the Company's interconnected system. Customers will be subject to any and all changes to the net-metering program tariff.

APPLICATION: On a first-come, first-served basis to any customer that owns or leases a customer-operated renewable generating facility or, as defined in Utah Code 54-2-1(16)(d), an eligible customer that purchases electricity from an independent energy producer operating a renewable generating facility, with a capacity of not more than twenty-five (25) kilowatts for a residential facility and two (2) megawatts for a non-residential facility that is located on, or adjacent to, the customers' premises, is interconnected and operates in parallel with the Company's existing distribution facilities, is intended primarily to offset part or all of the customer's own electrical requirements, is controlled by an inverter capable of enabling safe and efficient synchronous coupling with Rocky Mountain Power's electrical system, and has executed an Interconnection Agreement for Net Metering Service with the Company. This schedule is offered in compliance with Utah Code Ann. § 54-15-101 to 106 and R746-312.

DEFINITIONS: Net Metering means measuring the difference between the electricity supplied by the Company and the electricity generated by an eligible customer-generator and fed back to the electric grid over the applicable billing period.

An Inverter means a device that converts direct current power into alternating current power that is compatible with power generated by the Company.

Annualized Billing Period means the period commencing after the regularly scheduled meter reading for the month of March or in the case of new Schedule 1365 service the date that the customer first takes service from Schedule 1365 and ending on the regularly scheduled meter reading for the month of March.



P.S.C.U. No. 43

Original Sheet No. 135.2

ELECTRIC SERVICE SCHEDULE NO. 95 - Continued

(continued)

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~~184~~____

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~~2014~~2016

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ELECTRIC SERVICE SCHEDULE NO. 1365 - Continued

DEFINITIONS: (continued)

Residential Customer means any customer ~~that receives electric service under Electric Service Schedules 1, 2 or 3~~ whose service is furnished for (1) domestic purposes in single family dwelling units; (2) apartments where each dwelling unit is separately metered and billed; and (3) combined family dwelling units. Residential customers do not include dwellings where tenancy is typically less than 30 days in length, such as hotels, motels, camps, lodges and clubs.

Small Non-Residential Customer means any customer that receives electric service under Electric Service Schedules 15 or 23.

Large Non-Residential Customer means any customer that receives electric service under Electric Service Schedules 6, 6A, 6B, 8 or 10.

Renewable Generating Facility means a facility that uses energy derived from one of the following:

- a) solar photovoltaics;
- b) solar thermal energy;
- c) wind energy;
- d) hydrogen;
- e) organic waste;
- f) hydroelectric energy;
- g) waste gas and waste heat capture or recovery;
- h) biomass and biomass byproducts, except for the combustion of wood that has been treated with chemical preservatives such as creosote, pentachlorophenol, chromated copper arsenate, or municipal waste in a solid form;
- i) forest or rangeland woody debris from harvesting or thinning conducted to improve forest or rangeland ecological health and to reduce wildfire risk;
- j) agricultural residues;
- k) dedicated energy crops;
- l) landfill gas or biogas produced from organic matter, wastewater, anaerobic digesters, or municipal solid waste; or
- m) geothermal energy.

MONTHLY BILL: The Electric Service Charge shall be computed in accordance with the Monthly Billing in the applicable standard service tariff. Regardless of whether the Customer provides

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2014~~2016~~
2014~~2017~~

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P.S.C.U. No. 50

Original Sheet No. 13~~63~~.2

ELECTRIC SERVICE SCHEDULE NO. 13~~63~~ - Continued

excess net generation during the month, the Customer shall be billed the minimum monthly amount from the applicable standard service tariff.

(continued)

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184___

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2014~~2016~~
2014~~2017~~

EFFECTIVE: ~~September 1~~June 1,

ELECTRIC SERVICE SCHEDULE NO. 1365 - Continued

SPECIAL CONDITIONS:

1. Applications for service under this schedule will be subject to fees authorized by the Commission.
2. Residential customers participating in the Net Metering Program under this Schedule shall take service from Schedule 5 – Residential Service for Customer Generators.

~~1.3.~~ If the energy supplied to the Company is less than the energy purchased from the Company, the prices specified in the Energy Charge section of the Monthly Billing of the applicable standard service tariff shall be applied to the positive balance owed to the Company.

~~2.4.~~ If the energy supplied to the Company is greater than the energy supplied by the Company, the Customer shall be billed for the appropriate monthly charges and shall be credited for such Net Metering Energy as follows:

A. Residential and Small Non-Residential Customer shall be credited for such net energy with a cumulative kilowatt-hour credit. The credit will be deducted from the customer's kilowatt-hour usage on the customer's next monthly bill thus offsetting the customer's next monthly bill at the full retail rate of the customer's rate schedule.

B. A Large Non-Residential Customer, at the time of initial enrollment under this tariff, must elect a compensation method to receive cumulative credits for the upcoming Annualized Billing Period from one of the following options:

(i) An Average Energy Price for the applicable calendar year according to the Volumetric Non-Levelized Prices shown in Schedule 37 as determined by the following formula: $0.38 \times \text{Winter On-Peak Energy Price} + 0.19 \times \text{Summer On-Peak Energy Price} + 0.29 \times \text{Winter Off-Peak Energy Price} + 0.14 \times \text{Summer Off-Peak Energy Price}$; or

(ii) A Seasonally Differentiated Energy Price for the applicable calendar year according to the Non-Levelized Prices shown in Schedule 37 as determined by the following formula: $0.57 \times \text{Summer On-Peak Energy Price} + 0.43 \times \text{Summer Off-Peak Energy Price}$ for the regularly scheduled meter readings from June through September and $0.57 \times \text{Winter On-Peak Energy Price} + 0.43 \times \text{Winter Off-Peak Energy Price}$ for the regularly scheduled meter readings from October through May;

~~(iii) An average retail rate for the Electric Service Schedule applicable to the net metering customer as calculated from the previous year's Federal Energy~~

P.S.C.U. No. 50

Original Sheet No. 1365.3

ELECTRIC SERVICE SCHEDULE NO. 1365 - Continued

~~Regulation Commission Form No. 1 to be determined and available by July 1, 2009, and by July 1st of every subsequent year. Current average retail rates are listed below:~~

(continued)

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~~184~~___

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P.S.C.U. No. 50

Second Revision Original of Sheet No. 1365.4
Canceling First Revision of Sheet No. 135.4

ELECTRIC SERVICE SCHEDULE NO. 1356 -- Continued

SPECIAL CONDITIONS: (continued)

Schedule 6:	8.4498¢ per kWh
Schedule 6A:	11.7871¢ per kWh
Schedule 6B:	10.8914¢ per kWh
Schedule 8:	7.5210¢ per kWh
Schedule 10:	7.5619¢ per kWh

A Large Non-Residential Customer may change the compensation method once per year at the beginning of each Annualized Billing Period. The Company must receive written change notification of any change within sixty (60) days of the beginning of the Annualized Billing Period.

5. All unused credits accumulated by the customer-generator, except Customers taking service under Electric Service Schedule No. 10, shall expire with the regularly scheduled meter reading for the month of March of each year. For Customers taking service under Electric Service Schedule No. 10, all unused credits accumulated by the customer-generator shall expire with the regularly scheduled meter reading for the month of October of each year.
6. Upon the customer-generator's request and within thirty (30) days notice to the Company, the Company shall aggregate for billing purposes the meter to which the net metering facility is physically attached ("designated meter") with one or more meters ("additional meter") if the following conditions are met:
 - (i) the additional meter is located on or adjacent to premises of the customer-generator;
 - (ii) the additional meter is used to measure only electricity used for the customer-generator's requirements;
 - (iii) the designated meter and additional meter are subject to the same rate schedule; and
 - (iv) the designated meter and the additional meter are served by the same primary feeder.

At the time of notice to the Company, the customer-generator must identify the specific meters and designate a rank order for the additional meters to which net metering credits are to be applied.

7. The customer-generator shall provide at the customer's expense all equipment necessary to meet applicable local and national standards regarding electrical and fire safety, power quality, and interconnection requirements established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, and Underwriters Laboratories.

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P.S.C.U. No. 50

~~Second Revision~~Original of Sheet No. 1365.4
~~Canceled First Revision of Sheet No. 135.4~~

ELECTRIC SERVICE SCHEDULE NO. 136 — Continued

(~~C~~Continued)

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ELECTRIC SERVICE SCHEDULE NO. 13~~65~~ – Continued

8. For customer-generators generation systems of 10 kilowatts or less that are inverter-based, a disconnect switch is not required. For all other generation systems, the customer-generator must install and maintain a manual disconnect switch that will disconnect the generating facility from the Company's distribution system. The disconnect switch must be a lockable, load-break switch that plainly indicates whether it is in the open or closed position. Except as provided in R746-312-4(2) (a) (ii), the disconnect switch must be readily accessible to the Company at all times and located within ten (10) feet of the Company's meter.
9. The Company shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a net metering facility, or for the acts or omissions of the customer-generator that cause loss or injury, including death, to any third party.
10. The Company may test and inspect an interconnection at times that the electrical corporation considers necessary to ensure the safety of electrical workers and to preserve the integrity of the electric power grid.
11. Unless otherwise agreed to by a separate contract, the owner of the renewable energy facility retains ownership of the non-energy attributes associated with electricity the facility generates.

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