

Rocky Mountain Power
Docket No. 13-035-184
Witness: Joelle R. Steward

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF UTAH

ROCKY MOUNTAIN POWER

Direct Testimony of Joelle R. Steward

Cost of Service

January 2014

1 **Q. Please state your name, business address and present position with**
2 **PacifiCorp dba Rocky Mountain Power (“the Company”).**

3 A. My name is Joelle R. Steward. My business address is 825 NE Multnomah Street,
4 Suite 2000, Portland, Oregon 97232. My present position is Director of Pricing,
5 Cost of Service, and Regulatory Operations in the Regulation Department.

6 **Qualifications**

7 **Q. Please briefly describe your education and business experience.**

8 A. I have a Bachelor of Arts degree in Political Science from the University of
9 Oregon and a Masters of Public Affairs from the Hubert Humphrey Institute of
10 Public Policy at the University of Minnesota. Between 1999 and March 2007,
11 I was employed as a Regulatory Analyst with the Washington Utilities and
12 Transportation Commission. I joined the Company in March 2007 as the
13 Regulatory Manager responsible for all regulatory filings and proceedings in
14 Oregon. I assumed my current position in February 2012, in which I direct the
15 work of the cost of service, pricing, and regulatory operations groups.

16 **Q. What are your responsibilities?**

17 A. I am responsible for regulated retail rates, cost of service analysis, and regulatory
18 filings and documentation in the Company’s six state service territory.

19 **Q. Have you appeared as a witness in previous regulatory proceedings?**

20 A. Yes. I have testified in regulatory proceedings in Idaho, Oregon, Utah, Wyoming,
21 and Washington.

22 **Purpose of Testimony**

23 **Q. What is the purpose of your testimony?**

24 A. I present the Company's functionalized class cost of service ("COS") study based
25 on the 12 month forecast test period ending June 30, 2015. I also address the
26 Company's proposed rate spread and rate changes for the affected rate schedules.

27 **Q. How is your testimony organized?**

28 A. My testimony is organized as follows:

- 29 • First, I present the results of the COS study, including a description of
30 changes in the COS since the last general rate case in Docket No. 11-035-200,
31 and procedures used in the preparation of the study.
- 32 • Second, I present the Company's proposed rate spread, which is the allocation
33 of the rate increase to the major customer rate schedules.
- 34 • Third, I describe and present the Company's proposed rate changes for the
35 major customer rate schedules.
- 36 • Next, I describe and present the Company's proposed Net Metering Facilities
37 Charge for residential net metering customers on Schedule 135.
- 38 • Lastly, I present the Company's proposal for a 15 percent increase to the Low
39 Income Lifeline Credit.

40 **Q. What are the Company's objectives in this case in regards to allocating costs
41 and designing rates?**

42 A. The Company's objectives in this case are to implement the proposed rate
43 increase while reflecting cost causation, equity, economic efficiency, revenue
44 adequacy, and minimizing customer impacts. As noted in the Direct Testimony of

45 Mr. A. Richard Walje, the growth of customer generation and declining usage per
46 customer present challenges to several of these objectives. To address these
47 challenges the Company believes it is necessary to confront the current
48 inconsistency between rate design and the capital-intensive nature of electric
49 utilities, i.e., the fixed infrastructure that is necessary for customers to take service
50 regardless of usage. As discussed later in my testimony, I present proposals that
51 recognize this changing nature of the industry and help achieve the objectives
52 noted above.

53 **Class Cost of Service Study**

54 **Q. What are the results from the COS study?**

55 A. Exhibit RMP____(JRS-1) shows the summary of results from the embedded COS
56 study for the State of Utah. It is based on the Company's revenue requirement
57 presented in the testimony and exhibits of Mr. Steven R. McDougal. It
58 summarizes, both by customer group and function, the results of the class cost of
59 service study for the 12 months ending June 30, 2015. Page 1 of Exhibit
60 RMP____(JRS-1) presents results at the Company's June 2013 rate of return
61 assuming current rate levels. Page 2 shows results using the target rate of return
62 based on the requested \$76.3 million revenue requirement increase.

63 Exhibit RMP____(JRS-2) shows the cost of service results in more detail
64 by class and by function. Page 1 summarizes the total COS summary by class;
65 pages 2 through 6 contain a summary by class for each major function; pages 7
66 through 9 contain a summary by class and major function on a unit cost basis.

67 The complete functionalized results of operations and embedded class cost

68 of service detail are included as Exhibit RMP____(JRS-3). Also included is a
69 detailed narrative describing the Company’s functionalization, classification and
70 allocation procedures.

71 **Changes in Cost of Service Study**

72 **Q. Are there any differences between this COS study and the study filed with**
73 **the Utah Public Service Commission (“Commission”) in Docket No. 11-035-**
74 **200?**

75 A. Yes. The Company has incorporated changes in response to the questions raised
76 regarding consistency between the Company’s jurisdictional allocation model
77 (“JAM”) and COS study. In the Commission’s May 17, 2012 action request in
78 Docket No. 11-035-200, the Commission asked the Division of Public Utilities
79 (“DPU”) to investigate the following three items for inconsistencies between the
80 JAM and COS models:

- 81 • Relations among cash working capital, interest expense, and income taxes.
- 82 • Determination of state income taxes.
- 83 • Use of the income to revenue multiplier.

84 A technical conference was held with interested parties on June 4, 2012 to discuss
85 the questions in the action request, along with a follow-up settlement telephone
86 conference on June 18, 2012. Based on these discussions and its investigation,
87 DPU recommended that the Company modify the class COS study to be
88 consistent with the JAM on these items.¹ Consistent with this recommendation,
89 the Company has modified the COS model to treat the three items noted above in
90 a manner consistent with the JAM.

¹See Docket No. 11-035-200, Pre-filed Direct Testimony for Mr. Artie Powell, June 22, 2012, p. 35.

91 **Description of Cost of Service Study Procedures**

92 **Q. Please explain how the COS study was developed.**

93 A. The COS study uses the results from Mr. McDougal's Exhibit RMP____(SRM-3)
94 and employs a three-step process referred to as functionalization, classification,
95 and allocation. These three steps recognize the way a utility provides electrical
96 service and assigns cost responsibility to the groups of customers for whom those
97 costs were incurred.

98 **Q. Please describe functionalization and how it is employed in the COS study.**

99 A. Functionalization is the process of separating expenses and rate base items
100 according to five utility functions--production, transmission, distribution, retail
101 and miscellaneous.

102 • The production function consists of the costs associated with power
103 generation, including coal mining, and wholesale purchases.

104 • The transmission function includes the costs associated with the high voltage
105 system utilized for the bulk transmission of power from the generation source
106 to the load centers.

107 • The distribution function includes the costs associated with all the facilities
108 that are necessary to connect individual customers to the transmission system.

109 This includes distribution substations, poles and wires, line transformers,
110 service drops and meters.

111 • The retail services function includes the costs of meter reading, billing,
112 collections and customer service.

113 • The miscellaneous function includes costs associated with demand-side

114 management, franchise taxes, regulatory expenses, and other miscellaneous
115 expenses.

116 **Q. Describe classification and explain how it is used by the Company in the COS**
117 **study.**

118 A. Classification identifies the component of utility service being provided. The
119 Company provides and customers purchase service that includes at least three
120 different cost components: demand-related, energy-related, and customer-related.
121 Demand-related costs are incurred by the Company to meet the maximum
122 demand imposed on generating units, transmission lines, and distribution
123 facilities. Energy-related costs vary with the output of a kWh of electricity.
124 Customer-related costs are driven by the number of customers served.

125 **Q. How does PacifiCorp determine cost responsibility between customer**
126 **groups?**

127 A. After the costs have been functionalized and classified, the next step is to allocate
128 them among the customer classes or rate schedules. This is achieved by using
129 allocation factors that specify each class' share of a particular cost driver such as
130 system peak demand, energy consumed, or number of customers. The appropriate
131 allocation factor is then applied to the respective cost element to determine each
132 class' share of cost. A detailed description of the Company's functionalization,
133 classification and allocation procedures and the supporting calculations for the
134 allocation factors is contained in my workpapers. To the extent possible and
135 consistent with prior Commission direction, the COS study treats and allocates
136 costs among customer classes on a consistent basis with the way the Company's

137 shared system costs are allocated to each state in the jurisdictional allocation
138 model.

139 **Q. How are generation and transmission costs apportioned among customer**
140 **classes?**

141 A. The Company classifies production and transmission plant and non-fuel expenses
142 as 75 percent demand-related and 25 percent energy-related. The demand-related
143 portion is allocated using 12-monthly peaks coincident with the Company's total
144 system firm peak. The energy-related portion is allocated using annual class MWh
145 adjusted for losses at the generation level.

146 **Q. How are distribution costs classified and allocated?**

147 A. Distribution costs are classified as either demand-related or customer-related. In
148 this study, only meters and services are considered customer-related with all other
149 costs considered demand-related. Distribution substations and primary lines are
150 allocated using the weighted monthly coincident distribution peaks. Distribution
151 line transformers and secondary lines are allocated using the weighted non-
152 coincidental peak method. The meter allocation factor is developed using the
153 installed costs of new metering equipment for different types of customers.

154 **Q. Please explain how customer accounting, customer service, and sales**
155 **expenses are allocated.**

156 A. Customer accounting expenses are allocated to classes using weighted customer
157 factors. The weightings reflect the resources required to perform such activities as
158 meter reading, billing, and collections for different types of customers. Customer
159 service expenses are allocated on the number of customers in each class.

160 **Q. How are administrative & general expenses, general plant and intangible**
161 **plant allocated?**

162 A. Most general plant, intangible plant, and administrative and general expenses are
163 functionalized and allocated to classes based on generation, transmission, and
164 distribution plant. Costs that have been identified as supporting customer systems
165 are considered part of the retail services function and have been allocated using
166 customer factors. Coal mine plant costs are allocated using the energy factor.

167 **Q. How has the Company reflected the allocation of the deferred depreciation**
168 **expense, pursuant to paragraph 45 in the Stipulation in Docket No. 11-035-**
169 **200?**

170 A. The deferred depreciation expense in Account 407, which is explained in Mr.
171 McDougal's testimony, has been allocated on factor F151. This factor is derived
172 from total depreciation expenses for each customer rate schedule.

173 **Q. How are costs and revenues associated with wholesale contracts and other**
174 **electric revenues treated in the COS study?**

175 A. No costs are assigned to wholesale contracts and other electric revenues. The
176 revenues from these transactions are treated as revenue credits and are allocated to
177 customer groups using appropriate allocation factors. Revenue credits reduce the
178 revenue requirement that is to be collected from firm retail customers. This is
179 consistent with treatment of these revenues in the inter-jurisdictional results of
180 operations.

181 **Q. Have you included cost of service results for the Utah special contracts?**

182 A. Yes. Consistent with the 2010 Protocol, the loads and revenues associated with

183 service to special contract customers are included as part of the jurisdictional
184 allocation and included in the revenue requirement. The loads and revenues for
185 special contract customers are also included in the COS study.

186 **Q. Does the COS study include results for partial requirements, back-up service**
187 **and electric furnace customers?**

188 A. No. Cost of service results were not calculated for these categories of customers,
189 which include one special contract customer and those customers taking service
190 on Schedule 21 and Schedule 31.

191 **Q. Why are these customers removed from the COS study?**

192 A. Partial requirements service and electric furnace customers are not included in the
193 embedded COS study because they do not lend themselves well to this type of
194 analysis. These customers usually have very sporadic loads from year-to-year
195 producing volatile cost of service results depending on whether or not service is
196 required during the hour of monthly system peak. It is the Company's practice to
197 derive prices for partial requirements service from the prices and costs for full
198 requirements service.

199 **Proposed Allocation of Revenue Requirement Increase to Customer Classes**

200 **Q. How does the Company propose to allocate the increase across customer**
201 **classes?**

202 A. The Company proposes to rely on the results of the COS study at the target return
203 on rate base (Exhibit RMP____(JRS-1, page 2 of 2) to guide the allocation of the
204 rate increase to tariff customers.

205 **Q. Please describe Exhibit RMP___(JRS-4).**

206 A. Exhibit RMP___(JRS-4) details the Company's proposed changes to class
207 revenues to be implemented in this case. Based on the forecast 12 month test
208 period ending June 2015, this proposal would result in an overall increase of 4.0
209 percent to tariff customers in Utah.

210 **Q. Please describe the Company's proposal for the allocation of the revenue**
211 **requirement.**

212 A. The Company proposes the following allocation of the rate increase for the major
213 customer classes.

<u>Customer Class</u>	<u>Proposed Rate Change</u>
Residential	5.1%
General Service	
Schedule 23	3.1%
Schedule 6	2.1%
Schedule 8	4.1%
Schedule 9	6.1%
Irrigation	6.1%

214 **Q. Please explain the proposed rate spread.**

215 A. The proposed rate spread is designed to reflect cost of service results while
216 balancing the impact of the rate change across customer classes. In order to
217 achieve the revenue requirement target, the proposed rate spread midpoint was set
218 at 4.1 percent. The midpoint is set based on the revenue increase to the rate
219 schedules to which the proposed increase is being applied.

220 The Company proposes the rate spread midpoint amount for Schedule 8
221 customers based on their cost of service results which are less than two
222 percentage points from the rate spread midpoint.

223 For residential customers, the cost of service results indicate that they

224 should receive an increase about four percentage points more than the rate spread
225 midpoint. Based on these results, the Company proposes an increase one
226 percentage point more than the rate spread midpoint, roughly one-fourth of their
227 cost of service percentage difference from the rate spread midpoint.

228 For Schedule 6, the cost of service results indicate that they should receive
229 an increase about eight percentage points less than the rate spread midpoint.
230 Based on these results, the Company proposes an increase two percentage points
231 less than the rate spread midpoint, roughly one-fourth of their cost of service
232 percentage difference from the rate spread midpoint.

233 For Schedule 23, the cost of service results indicate that they should
234 receive an increase about five percentage points less than the rate spread
235 midpoint. Based on these results, the Company proposes an increase one
236 percentage point less than the rate spread midpoint, or roughly one-fourth of the
237 cost of service percentage difference from the rate spread midpoint.

238 For Schedule 9 and Schedule 10, the cost of service results indicate that
239 they should receive an increase about seven to eight percentage points more than
240 the rate spread midpoint respectively. Based on these results, the Company
241 proposes an increase two percentage points higher than the rate spread midpoint,
242 or roughly one-fourth of the cost of service percentage difference from the rate
243 spread midpoint.

244 For the public streetlighting schedules, based on the cost of service results
245 the Company is not proposing an increase except for traffic signal systems on
246 Schedule 15.

247 Overall, the Company believes that the proposed rate spread makes
248 appropriate movement to cost of service while mitigating customer impacts.

249 **Q. How has the Company treated special contract customer price changes in**
250 **this case?**

251 A. For Contract 1, the percentage rate change is set at the overall average increase of
252 4.05 percent for Utah customers, consistent with terms of the contract.

253 For Contract 3, rates are set at Schedule 31/Schedule 9 equivalent rates.
254 The dollar and percentage rate changes indicated in this case for this customer
255 reflect their usage at the proposed applicable tariff rates.

256 For Contract 2, its 2014 prices have been calculated per the terms of the
257 contract and assumed in the present revenues in this case.

258 **Residential Rate Design**

259 **Q. What is the Company's proposed residential rate design?**

260 A. The Company proposes to increase the current Customer Charge from \$5.00 to
261 \$8.00 per month. The Company proposes to collect the balance of the residential
262 price change through proportional increases to the energy charges. The Company
263 also proposes to increase the minimum bill for residential customers from \$7.00
264 per month to \$15.00 per month.

265 **Q. Please provide a brief history of the Company's residential customer charge.**

266 A. In 1985, in Docket No. 84-035-01, the Commission developed a policy regarding
267 what costs should be included in the residential customer charge. These included
268 some of the customer-based costs, such as meters, service drops, meter reading,
269 collections and billing. Under this policy the Company's residential customer

270 charge in Utah has consistently been the lowest of the Company's residential
271 customer charge across its six state system. It was set at \$1.00 per month in 1985
272 and is currently \$5.00.

273 **Q. What costs should be reflected in the customer charge?**

274 A. The costs that do not vary with usage are appropriate costs to include in
275 determining the level of the residential monthly customer charge. Specifically, at
276 this time the Company proposes that, at a minimum, the customer charge should
277 be determined by taking into consideration the costs functionalized in the
278 embedded COS study that are specified as distribution and retail. As shown on
279 Exhibits RMP ___(JRS-2) and (JRS-8), the COS study supports a monthly
280 customer charge of \$25.00 for these costs. This does not include fixed costs
281 related to transmission and generation, which would increase this amount by an
282 additional approximate \$31 per month.

283 The distribution function includes the radial system that connects the
284 customer to the transmission system. This includes distribution substations, poles
285 and wires, line transformers, service drops and meters. The retail function
286 includes the retail activities associated with customer service, including meter
287 reading, customer accounting, and customer service activities.

288 While the COS study supports a much higher customer charge, the
289 Company is proposing an increase of only \$3.00 in this case, resulting in an \$8.00
290 monthly customer charge, which is a reasonable and a balanced step that takes
291 into account the Company's pricing objectives identified earlier. The proposed
292 residential customer charge is supported by cost, and helps reduce intra-class

293 cross subsidies while minimizing customer bill impacts.

294 **Q. Why is it important that the customer charge recover a significant portion of**
295 **the fixed costs of serving customers?**

296 A. In today's environment where we encourage reductions in usage where possible
297 and attempt to achieve efficient usage in all circumstances, it is not appropriate to
298 achieve the recovery of fixed costs through the variable energy components of
299 rates. Doing so creates a conflict for the utility and unclear price signals for
300 customers.

301 For the utility, when recovery of fixed costs is predominantly through
302 energy rates, as is the case in Utah, the utility has an incentive to sell more kWh
303 in order to recover its fixed costs and is more dependent on weather and changes
304 in usage for recovery of these costs; particularly when a steeply inverted tier rate
305 structure is in place, as in Utah. As discussed in the direct testimony of Ms.
306 Kelcey A. Brown, the Company has seen a drop in usage per customer, which is
307 expected to continue in the future as a result of changing demographics and
308 adoption of more energy efficient technology. This drop in residential usage is a
309 significant contributor to the requested increase in the case, and in particular to
310 the residential class.

311 While reduced energy usage will directly influence the need for variable
312 resources, such as fuel, and potentially slow the need for new infrastructure, a
313 drop in energy usage results in fewer kWh over which to recover the fixed costs
314 that have been incurred and are necessary to serve customers. For example,
315 distribution system components--substations, primary feeders, secondary lines,

316 line transformers, and service drops--are facilities required to provide a residential
317 customer access to electric service regardless of how much energy is used. The
318 expenses related to maintenance of these facilities are also necessary in order to
319 provide reliable service for any energy user, regardless of size. Additionally, retail
320 service costs, which include the cost of reading meters, answering customer
321 service phone calls, sending customer statements, processing customer payments,
322 and providing online access to customers' accounts are clearly unrelated to usage
323 and are a necessary part of doing business. These costs do not go away when
324 usage levels decrease, whether the decrease is related to weather, behavioral
325 changes or the adoption of energy efficient technology.

326 For customers, recovery of a significant portion of fixed costs in
327 volumetric energy charges distorts price signals and inequitably places a larger
328 burden of fixed cost recovery on larger users.

329 **Q. Will the proposed increase in the residential customer charge dampen**
330 **customers' price signals for conservation?**

331 A. No. Even with the proposed increase in the residential customer charge, 90
332 percent of residential revenue will be recovered through energy rates. This
333 compares to the cost of service that shows that 30 percent of costs are energy
334 related. For an average customer using approximate 700 kWh per month, at the
335 proposed rates 90 percent of the bill is related to energy charges. For a small user
336 half the size of an average user, 80 percent of the bill is related to energy charges;
337 and a high user twice the size of an average user will have 95 percent of the bill
338 related to energy charges. Therefore, all residential customers--and high use

339 customers in particular--will continue to have a strong motivation to conserve or
340 pursue energy efficient technology.

341 **Q. Why does the Company propose to increase the minimum bill to \$15 for**
342 **residential customers in this case?**

343 A. The Company had proposed eliminating the minimum bill in the past few general
344 rate case because the Company believes that the customer charge is the
345 appropriate mechanism to recover fixed costs. However, the minimum bill has
346 been supported by both the Office of Consumer Services (“OCS”) and the Salt
347 Lake Community Action Program (“SLCAP”) on that basis that it helps the
348 Company recover fixed costs from very low use customers. As a result, the
349 Company is proposing to retain the minimum bill as a reasonable compromise at
350 this time for fixed cost recovery from low use customers rather than a higher
351 customer charge for all residential customers.

352 In the calculation of a minimum bill, volumetric usage is included. At
353 current rates, the minimum bill is only applied to customers whose monthly usage
354 is at or below approximately 23 kWh for single phase service, and most customers
355 never pay a minimum bill. For the most recent historic period available (12 month
356 period ended June 30, 2013), approximately one percent of all residential
357 customer bills were minimum bills. The proposed minimum bill of \$15 helps
358 recover a portion of the fixed costs incurred and necessary to provide service to
359 very low usage customers.

360 **Q. Does the Company propose any changes to the current optional,**
361 **experimental residential time of day tariff rider, Schedule 2?**

362 A. The Company proposes no change to both the on-peak charge and the off-peak
363 credit for the optional, experimental time of day tariff rider for residential
364 customers.

365 **Low Income Lifeline Credit**

366 **Q. Is the Company proposing to increase the Low Income Lifeline Credit on**
367 **Schedule 3?**

368 A. Yes. The Company is proposing a \$1.60 increase in the Low Income Lifeline
369 Credit. This will increase the current credit from \$11.00 per month to \$12.60 per
370 month, and is shown in Exhibit RMP____(JRS-5). Since the credit level has not
371 been changed since 2009, the Company believes the proposed change to the credit
372 is reasonable to reflect changes in residential rates over time and the proposed
373 increase in this case.

374 **Q. How many customers currently receive the Low Income Lifeline Credit?**

375 A. While the number fluctuates monthly, on average approximately 30,000
376 customers receive the credit.

377 **Q. Is the Company proposing an increase to Schedule 91, Surcharge to Fund**
378 **Low Income Residential Lifeline Program, at this time?**

379 A. No. Based on the current collection balance for Schedule 91, an increase in the
380 collection level is not necessary at this time. The Company will continue to
381 monitor the balance and propose revisions in the future as necessary.

382 **General Service & Irrigation Rates**

383 **Q. Please generally describe the Company's proposed rate design changes for**
384 **commercial, industrial, and irrigation customers.**

385 A. Consistent with the Company's proposal in recent general rate cases, the
386 Company does not propose any structural changes to its general service rates.
387 Generally, the Company proposes to apply a uniform percentage change to the
388 billing components in each schedule. The proposed rates are in Exhibit
389 RMP___(JRS-5).

390 **Q. What changes does the Company propose for customers on Schedule 6,**
391 **General Service - Distribution Voltage?**

392 A. The Company proposes to apply the proposed revenue requirement change by
393 applying a uniform percentage to demand charges and energy charges. We also
394 propose to increase the Customer Service Charge.

395 **Q. What does the Company propose for Schedule 8, Large General Service -**
396 **1,000 kW and Over - Distribution Voltage, and Schedule 9, General Service -**
397 **High Voltage?**

398 A. The Company proposes to increase uniformly the facility, demand and energy
399 charges to reflect the proposed revenue requirement change. We also propose to
400 increase the monthly Customer Service Charge for Schedule 8 and Schedule 9.

401 **Q. What does the Company propose for the optional time of use Schedule 9A,**
402 **General Service - High Voltage Energy Time of Day Option currently in**
403 **effect?**

404 A. Schedule 9A is closed to new service. These customers have the ability to shift to

405 Schedule 9 if they desire. The Company proposes to increase Schedule 9A
406 charges consistent with the proposed changes to Schedule 9.

407 **Q. Is the Company proposing changes to Schedule 31, Back-up, Maintenance,**
408 **and Supplementary Power?**

409 A. The Company has proposed changes to the applicability and methodology for the
410 calculation of rates in Schedule 31 in Docket No. 13-035-196. The Company is
411 proposing to implement any changes adopted in that proceeding in the compliance
412 filing for this general rate case. This filing includes updated proposed Schedule 31
413 rates consistent with the proposed methodology in Docket No. 13-035-196 and
414 updated for the proposed revenue requirement increase and rates in this
415 proceeding.

416 **Q. How does the Company propose to implement the rate change for Schedule**
417 **23, General Service - Distribution Voltage - Small Customer?**

418 A. The Company proposes to implement the rate change for Schedule 23 uniformly
419 to demand and energy charges, along with an increase to the Customer Charge.

420 **Q. How does the Company propose to implement the rate change for Schedule**
421 **10, Irrigation and Soil Drainage Pumping Power Service?**

422 A. The Company proposes to implement the rate change for Schedule 10 uniformly
423 to demand and energy charges and to increase the Customer Service charges.

424 **Q. How does the Company propose to implement the rate change for lighting**
425 **customers?**

426 A. Based on the cost of service results, the Company does not propose an increase
427 for most lighting customers; however, it does propose an increase for traffic

428 signals. For those customers, the Company designed the rate change by applying a
429 percentage increase to the current rate to achieve the proposed overall revenue
430 change.

431 **Q. Does the Company propose any tariff revisions to lighting schedules?**

432 A. Yes, the Company proposes to revise the burn hours from 3,940 to 4,167 for non-
433 listed luminaries in Schedule 12, Street Lighting, Customer-Owned System. The
434 number of burn hours is an estimate of how long the light burns, and is affected
435 by a number of factors such as visibility to the horizon, photocell operation, and
436 latitude and longitude (location). Based on analysis, the Company has determined
437 that 4,167 burn hours is more accurate than the current 3,940 hours. This results
438 in an increase of approximately 5.8 percent for these customers.

439 **Q. Are there any other tariff changes that the Company proposes?**

440 A. Yes. The Company proposes to cancel Schedule 14, Temporary Service
441 Connection Facilities (No New Service). This schedule has been closed to new
442 service since March 1999 and there are no longer any customers currently taking
443 service on this schedule.

444 **Billing Determinants**

445 **Q. Please explain Exhibit RMP___(JRS-5).**

446 A. Exhibit RMP___(JRS-5) contains a summary of present and proposed prices
447 along with the billing determinants used in preparing the pricing proposals in this
448 case. In accordance with R746-700-21.D.1, Exhibit RMP___(JRS-5) provides in a
449 readily identifiable form the Company's proposed price changes for all rate
450 schedules.

451 **Monthly Billing Comparisons**

452 **Q. Has the Company provided estimated monthly bill impacts of its proposed**
453 **rate changes?**

454 A. Yes. Exhibit RMP____(JRS-6) details the customer impacts of the Company's
455 proposed pricing changes. For each rate schedule, it shows the change in monthly
456 bills for various load and usage levels.

457 **Net Metering Facilities Charge**

458 **Q. What is the Net Metering Facilities Charge that the Company is proposing in**
459 **this case?**

460 A. The Company is proposing to implement a monthly facilities charge on Schedule
461 135, Net Metering Service, for residential customers participating in net metering.
462 The facilities charge is a fixed monthly charge that is in addition to the customer
463 charge on the applicable electric service schedule. The net metering facilities
464 charge will recover the fixed distribution and retail costs that are incurred and
465 necessary to serve net metering customers. For residential customers, the
466 Company is proposing a Net Metering Facilities Charge of \$4.25 per month.
467 Exhibit RMP____(JRS-7) shows the proposed revisions to Schedule 135.

468 **Q. Please explain the net metering program in Utah.**

469 A. Under net metering, customers who install distributed generation facilities can
470 offset all or part of their electricity requirements and feed back to the electric grid
471 the electricity the customer's facility generates in excess of the customer's needs
472 at that moment. During a billing period, any excess customer generation is
473 credited against customer kWh usage taken from the utility, resulting in a net bill.

474 Any additional kWh generated in excess of customer usage during that billing
475 period can be carried over into future billing periods to be applied against
476 customer usage taken from the utility. In effect, under net metering the customer
477 receives a bill credit for the excess electricity that reflects the full retail rate for
478 energy. The Company's net metering program in Utah is offered consistent with
479 Utah Code Ann. § 54-15-101 to 106 and R746-312.

480 The rate at which customers in Utah are choosing to participate in net
481 metering has been growing dramatically over the last three years; the number of
482 customers installing facilities and participating in net metering has grown by over
483 30 percent annually. As of November 30, 2013, there were 2,139 customers
484 participating in the net metering program. The generation facilities installed by
485 these participating customers have a total generating capacity of 14,273 kW_{DC}.
486 For 2013 alone, as of November 30, 2013, 592 new customers installed facilities.
487 This exceeds the total installations (453) in 2012 by over 30 percent. With the
488 continued reduction in costs of solar equipment and the existence of the Utah
489 Solar Incentive Program, the Company expects this trend of increased net
490 metering activity to continue.

491 **Q. Why is the Company proposing to apply the Net Metering Facilities Charge**
492 **to residential customers only?**

493 A. The Company is proposing to apply the Net Metering Facilities Charge to net
494 metering customers taking service under residential Schedules 1, 2 and 3 because
495 the energy rates for these schedules recover a significant portion of fixed costs. As
496 a result, when net metering customers are credited with the full retail energy rate,

497 their contribution to fixed costs are reduced and therefore shifted to other
498 customers. In contrast, for non-residential rate schedules, the demand charges
499 provide a significant portion of distribution and retail fixed cost recovery;
500 therefore, at this time the Company is not proposing a net metering facilities
501 charge for non-residential net metering customers until additional analysis can be
502 completed to evaluate cost shifting impacts by these customers.

503 **Q. Please explain how net metering customers shift costs to other customers.**

504 A. Net metering customers continue to have energy requirements during times when
505 their facility is not generating electricity or when their facility is not generating
506 enough electricity to offset their usage. The net billing process, however, credits
507 every kWh generated by the customer facility in excess of usage (i.e., the kWh
508 fed back onto the grid) against usage at other times during the billing period, or
509 even future billing periods. As a result of the kWh credits, the customer may not
510 pay for all usage they have taken from the Company. Since the full retail rate that
511 the customer is able to offset recovers both variable energy costs along with a
512 significant portion of fixed costs, the net metering customer is not contributing to
513 fixed cost recovery through the usage that the customer's excess generation is
514 credited against. Since these fixed costs are not recovered from net metering
515 customers, they increase the burden on other customers.

516 **Q. Some might argue that the reduction in billed kWh for net metering**
517 **customers is similar to reduced usage from energy efficiency. Do you agree?**

518 A. No. Unlike a traditional energy efficiency measure where the load and impact on
519 the grid will predictably be reduced by the implementation of the efficiency

520 measure, customers that install distributed generation have the same, or in many
521 cases an increased impact, on the local distribution facilities. Frequently the
522 Company is required to modify the distribution network in order to effectively
523 minimize negative impacts on the grid and accommodate the new flow of
524 electrons from the customer to the grid. Even in cases where upgrades are not
525 required, the flow of energy back through transformers and onto the grid causes
526 increased wear on the equipment.

527 **Q. What cost components are the Company proposing to include in the Net**
528 **Metering Facilities Charge at this time?**

529 A. The Company is proposing to reflect only the distribution and retail service costs
530 in the Net Metering Facilities Charge at this time. We believe that this is a good
531 first step in addressing this issue. While additional fixed costs related to
532 generation and transmission are also being incurred by net metering customers
533 and shifted to other customers, we are not proposing a charge that recovers those
534 costs or raising other potential net metering policy implications at this time.

535 **Q. Please explain how the Company calculated the proposed Net Metering**
536 **Facilities Charge.**

537 A. The calculation of Net Metering Facilities Charge is shown in Exhibit
538 RMP____(JRS-8). The calculation of the residential charge starts with the same
539 average of \$25.00 per customer per month from the COS study for distribution
540 and retail costs. This amount is reduced by the proposed customer charge and
541 fixed costs to be recovered through the forecast energy sales to net metering
542 customers in the test period. This results in a \$4.25 per customer per month

543 proposed Net Metering Facilities Charge. Since this calculation takes into account
544 the Company's proposed increase in the residential customer charge, if the
545 customer charge is less than the proposed \$8.00 per month, then the proposed Net
546 Metering Facilities Charge will increase in order to recover the fixed costs not in
547 the customer charge.

548 **Q. Why is the Company proposing to implement the Net Metering Facilities**
549 **Charge now?**

550 A. With the rapid growth in net metering and customer interest in distributed
551 generation, the Company believes it is important to put in place now an
552 appropriate rate structure that better reflects the value of net metering and
553 minimizes cost shifting.

554 **Q. Please summarize your testimony.**

555 A. Consistent with Commission direction, the Company's proposed cost of service
556 study treats and allocates costs among customer classes on a consistent basis with
557 the way the Company's shared system costs are allocated to each state in the
558 jurisdictional allocation model. The Company's proposed allocation of the
559 revenue requirement increase is guided by the COS study results and moves all
560 classes towards cost of service. For residential rate design, the Company proposes
561 an \$8.00 monthly customer charge, an increase to all energy rates, and a \$15.00
562 minimum bill. This proposed residential rate design balances cost causation,
563 equity, revenue adequacy and customer impacts. The Company is also proposing
564 an increase in the Low Income Lifeline Credit. For non-residential rates, the
565 Company is generally proposing equal percentage increases to all rate

566 components. Lastly, in order to address cost shifting the Company is proposing to
567 implement a Net Metering Facilities Charge of \$4.25 for residential customers on
568 Schedule 135. The Net Metering Facilities Charge will recover the fixed costs for
569 distribution and retail service.

570 **Q. Does this conclude your direct testimony?**

571 **A.** Yes, it does.

Rocky Mountain Power
Exhibit RMP__(JRS-1)
Docket No. 13-035-184
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

Cost of Service Results

January 2014

Rocky Mountain Power
Cost Of Service By Rate Schedule
State of Utah
12 Months Ended June 2015
2010 Protocol (Non Wgt)
6.93% = Earned Return on Rate Base

Line No.	Schedule No.	Description	C	D	E	F	G	H	I	J	K	L	M
			Annual Revenue	Return on Rate Base	Rate of Return Index	Total Cost of Service	Generation Cost of Service	Transmission Cost of Service	Distribution Cost of Service	Retail Cost of Service	Misc Cost of Service	Increase (Decrease) to = ROR	Percentage Change from Current Revenues
1	1	Residential	661,595,338	6.33%	0.91	675,763,096	374,741,156	89,547,771	174,751,557	30,990,514	5,732,098	14,167,758	2.14%
2	6	General Service - Large	520,951,038	8.51%	1.23	495,770,003	340,644,630	78,247,508	72,622,376	132,409	4,123,081	(25,181,035)	-4.83%
3	8	General Service - Over 1 MW	162,435,073	7.18%	1.04	161,181,091	114,397,447	24,984,999	20,579,871	(61,366)	1,280,140	(1,253,982)	-0.77%
4	7,11,12	Street & Area Lighting	12,123,902	11.20%	1.62	11,023,808	3,470,997	591,421	6,586,342	287,834	87,214	(1,100,094)	-9.07%
5	9	General Service - High Voltage	274,874,422	5.23%	0.75	289,440,375	237,639,708	48,965,683	919,963	(71,391)	1,986,411	14,565,953	5.30%
6	10	Irrigation	13,948,796	5.92%	0.85	14,462,346	9,374,993	1,922,918	3,084,477	(39,575)	119,532	513,550	3.68%
7	15	Traffic Signals	536,865	3.97%	0.57	589,628	293,298	55,892	146,622	89,854	3,962	52,763	9.83%
8	15	Outdoor Lighting	1,379,767	19.35%	2.79	1,088,707	798,055	147,165	117,149	18,243	8,095	(291,060)	-21.09%
9	23	General Service - Small	137,738,935	7.84%	1.13	133,687,599	82,423,634	19,372,143	29,063,325	1,672,530	1,155,968	(4,051,336)	-2.94%
10	SpC	Customer 1	27,176,952	4.03%	0.58	29,790,704	24,610,392	4,891,803	95,784	(6,354)	199,079	2,613,752	9.62%
11	SpC	Customer 2	35,062,890	6.97%	1.01	35,026,621	29,609,663	5,103,334	107,346	(5,545)	211,824	(36,269)	-0.10%
12		Total Utah Jurisdiction	1,847,823,978	6.93%	1.00	1,847,823,978	1,218,003,973	273,830,638	308,074,813	33,007,152	14,907,403	(0)	0.00%

Footnotes:

- Column C : Annual revenues based on July 2014 thru June 2015 forecasted data.
- Column D : Calculated Return on Ratebase per July 2014 thru June 2015 Embedded Cost of Service Study
- Column E : Rate of Return Index. Rate of return by rate schedule, divided by Utah Jurisdiction's normalized rate of return.
- Column F : Calculated Full Cost of Service at Jurisdictional Rate of Return per the July 2014 thru June 2015 Embedded COS Study
- Column G : Calculated Generation Cost of Service at Jurisdictional Rate of Return per the July 2014 thru June 2015 Embedded COS Study.
- Column H : Calculated Transmission Cost of Service at Jurisdictional Rate of Return per the July 2014 thru June 2015 Embedded COS Study.
- Column I : Calculated Distribution Cost of Service at Jurisdictional Rate of Return per the July 2014 thru June 2015 Embedded COS Study.
- Column J : Calculated Retail Cost of Service at Jurisdictional Rate of Return per the July 2014 thru June 2015 Embedded COS Study.
- Column K : Calculated Miscellaneous Cost of Service at Jurisdictional Rate of Return per the July 2014 thru June 2015 Embedded COS Study.
- Column L : Increase or Decrease Required to Move From Annual Revenue to Full Cost of Service Dollars.
- Column M : Increase or Decrease Required to Move From Annual Revenue to Full Cost of Service Percent.

Rocky Mountain Power
Cost Of Service By Rate Schedule
State of Utah
12 Months Ended June 2015
2010 Protocol (Non Wgt)
7.72% = Target Return on Rate Base

Line No.	Schedule No.	Description	C	D	E	F	G	H	I	J	K	L	M
			Annual Revenue	Return on Rate Base	Rate of Return Index	Total Cost of Service	Generation Cost of Service	Transmission Cost of Service	Distribution Cost of Service	Retail Cost of Service	Misc Cost of Service	Increase (Decrease) to = ROR	Percentage Change from Current Revenues
1	1	Residential	661,595,338	6.33%	0.91	714,324,830	391,178,566	97,224,375	188,787,435	30,883,609	6,250,845	52,729,492	7.97%
2	6	General Service - Large	520,951,038	8.51%	1.23	500,445,311	343,091,544	79,381,418	73,657,129	129,480	4,185,741	(20,505,727)	-3.94%
3	8	General Service - Over 1 MW	162,435,073	7.18%	1.04	166,923,939	117,507,446	26,419,047	21,721,483	(81,406)	1,357,370	4,488,866	2.76%
4	7,11,12	Street & Area Lighting	12,123,902	11.20%	1.62	10,673,743	3,387,313	555,464	6,361,180	288,210	81,575	(1,450,159)	-11.96%
5	9	General Service - High Voltage	274,874,422	5.23%	0.75	309,221,069	250,978,552	55,195,204	936,054	(141,416)	2,252,675	34,346,647	12.50%
6	10	Irrigation	13,948,796	5.92%	0.85	15,417,317	9,799,477	2,116,862	3,410,861	(42,136)	132,254	1,468,521	10.53%
7	15	Traffic Signals	536,865	3.97%	0.57	644,589	315,397	65,434	169,099	89,960	4,698	107,724	20.07%
8	15	Outdoor Lighting	1,379,767	19.35%	2.79	939,412	712,240	112,836	90,117	18,135	6,085	(440,355)	-31.92%
9	23	General Service - Small	137,738,935	7.84%	1.13	136,831,106	83,914,718	20,053,528	30,032,327	1,631,492	1,199,040	(907,829)	-0.66%
10	SpC	Customer 1	27,176,952	4.03%	0.58	32,536,441	26,462,791	5,746,860	97,959	(7,004)	235,835	5,359,489	19.72%
11	SpC	Customer 2	35,062,890	6.97%	1.01	36,118,322	30,356,523	5,433,064	108,266	(5,797)	226,266	1,055,432	3.01%
12		Total Utah Jurisdiction	1,847,823,978	6.93%	1.00	1,924,076,079	1,257,704,567	292,304,091	325,371,910	32,763,125	15,932,385	76,252,101	4.13%

Footnotes:

- Column C : Annual revenues based on July 2014 thru June 2015 forecasted data.
- Column D : Calculated Return on Ratebase per July 2014 thru June 2015 Embedded Cost of Service Study
- Column E : Rate of Return Index. Rate of return by rate schedule, divided by Utah Jurisdiction's normalized rate of return.
- Column F : Calculated Full Cost of Service at Jurisdictional Rate of Return per the July 2014 thru June 2015 Embedded COS Study
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- Column J : Calculated Retail Cost of Service at Jurisdictional Rate of Return per the July 2014 thru June 2015 Embedded COS Study
- Column K : Calculated Miscellaneous Cost of Service at Jurisdictional Rate of Return per the July 2014 thru June 2015 Embedded COS Study
- Column L : Increase or Decrease Required to Move From Annual Revenue to Full Cost of Service Dollars.
- Column M : Increase or Decrease Required to Move From Annual Revenue to Full Cost of Service Percent.

Rocky Mountain Power
Exhibit RMP__(JRS-2)
Docket No. 13-035-184
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

Cost of Service – Summary by Function

January 2014

Rocky Mountain Power
 State of Utah
 2010 Protocol (Non Wgt)
 12 Months Ended June 2015

DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Utah Jurisdiction Normalized	Residential Sch.1	General Large Dist. Sch.6	General +1 MW Sch.8	Street & Area Lighting Sch.7,11,12	General Trans Sch.9	Irrigation Sch.10	Traffic Signals Sch.15	Outdoor Lighting Sch.15	General Small Dist. Sch.23	Industrial Sub.1	Industrial Sub.2	Industrial Sub.3	Industrial Sub.4
Operating Revenues	2,103,724,971	749,763,785	590,197,039	185,028,986	12,764,950	319,405,625	16,115,412	612,884	1,490,448	156,843,785	31,829,742			39,672,525
Operating Expenses	1,218,268,346	422,700,452	318,544,387	108,341,445	6,170,123	217,604,924	9,606,240	427,884	676,016	84,507,132	22,894,734			26,795,028
Operating Expenses	262,390,988	101,076,531	87,665,905	29,040,888	1,841,883	106,920	2,060,242	78,170	103,490	1,165,633	4,155,620			3,975,820
Depreciation Expense	22,885,981	9,700,531	5,605,407	1,810,472	120,370	3,078,856	179,060	10,719	321,939	1,740,595	325,288			308,970
Taxes Other Than Income	63,068,116	24,785,292	16,539,690	5,384,458	217,950	8,878,285	530,322	18,495	24,222	4,804,398	925,939			905,716
Income Taxes - Federal	48,273,748	19,023,528	25,068,826	4,044,390	1,227,263	6,752,365	266,609	6,762	172,785	6,330,961	1,289,128			186,642
Income Taxes - State	10,751,193	3,979,464	4,548,335	929,649	174,598	1,151,753	66,696	184	25,206	1,151,904	(92,857)			103,955
Income Taxes Deferred	63,481,630	19,894,338	17,443,415	5,870,554	88,668	12,760,327	447,245	13,586	27,733	4,279,444	1,339,511			1,316,809
Investment Tax Credit Adj	(4,098,178)	(1,617,723)	(1,078,731)	(349,017)	(6,880)	(17,963)	(4,589)	(1,219)	(1,580)	(307,111)	(59,842)			(58,646)
Misc Revenues & Expense	682,017	738,526	(16,998)	(6,880)	(513)	(20,366)	2,082	(59)	(112)	(3,712)	(4,970)			(4,983)
Total Operating Expenses	1,685,705,501	600,280,947	454,519,636	148,065,921	9,876,379	274,622,482	13,124,499	541,979	1,036,902	121,905,508	28,200,037			33,529,211
Operating Revenue For Return	418,021,469	149,482,838	135,677,403	36,963,046	2,888,570	44,783,143	2,990,912	70,715	453,547	34,938,276	3,629,704			6,143,314
Rate Bases:														
Electric Plant In Service	10,912,081,614	4,335,093,843	2,848,873,422	923,127,935	58,065,301	1,513,325,508	90,807,333	3,401,906	4,229,539	824,863,330	158,277,746			153,015,680
Plant Held For Future Use	18,659,670	6,073,386	5,260,358	1,820,088	157,917	3,155,479	179,494	882	11,969	1,293,936	333,982			456,768
Electric Plant Acquisition Adj	15,448,004	5,139,864	4,208,702	1,400,853	28,865	2,881,301	111,982	3,566	6,366	1,074,888	303,005			289,623
Nuclear Fuel														
Prepayments	13,702,489	5,154,455	3,627,617	1,190,032	65,024	2,091,790	112,872	3,942	5,856	1,008,121	219,119			223,663
Fuel Stock	97,675,986	27,298,404	26,727,708	9,516,015	76,051	21,330,792	835,561	27,184	77,164	6,120,235	2,253,005			3,112,167
Materials & Supplies	86,820,549	31,453,490	23,259,895	7,640,345	300,203	14,222,086	673,477	22,728	34,454	6,290,031	1,494,952			1,428,888
Misc Deferred Debts	170,287,197	68,459,361	44,531,455	14,387,982	974,388	22,870,133	1,448,004	52,128	66,337	12,958,492	2,393,543			2,345,374
Cash Working Capital	26,232,065	9,798,909	7,013,421	2,267,201	208,788	3,873,858	210,125	9,303	15,819	1,956,743	395,970			481,929
Weatherization Loans	4,637,895	1,460,750	1,265,356	430,979	11,729	914,273	35,633	1,144	2,495	311,986	96,317			107,223
Miscellaneous Rate Base														
Total Rate Base Additions	11,345,537,670	4,489,732,461	2,964,767,935	980,781,430	60,888,288	1,584,665,220	94,414,460	3,528,882	4,450,000	855,881,781	165,767,938			161,461,296
Rate Base Deductions:														
Accum Provision For Depreciation	(3,234,910,020)	(1,281,885,166)	(845,152,093)	(274,259,987)	(23,009,220)	(442,837,018)	(26,970,000)	(959,666)	(1,223,255)	(245,396,345)	(46,335,699)			(44,981,351)
Accum Provision For Amortization	(82,461,719)	(30,467,165)	(24,347,938)	(9,347,300)	(458,280)	(149,948,895)	(11,347,893)	(1,949,882)	(5,929)	(174,843,330)	(29,938,520)			(25,531,700)
Unrecognized Income Taxes	(1,306,409,719)	(483,346,865)	(471,338,006)	(152,346,865)	(7,817,217)	(237,256,898)	(19,956,481)	(598,729)	(901,898)	(1,366,508,629)	(20,249,631)			(1,138)
Customer Advance For Construction	(80,741)	(31,926)	(21,901)	(31,926)	(34,7)	(111,259)	(678)	(24)	(31)	(16,101)	(1,176)			(1,138)
Customer Service Deposits	(9,324,958)	(3,874,430)	(547,905)	(1,755,544)	(9,501)	(1,711,456)	(3,466,549)	(28,613)	(73,537)	(3,466,549)	(5,427,471)			(492,094)
Misc Rate Base Deductions	(15,625,768)	(4,811,270)	(6,737,768)	(1,696,160)	(25,532)	(2,859,843)	(131,725)	(6,026)	(11,987)	(2,203,498)	(515,106)			(492,094)
Total Rate Base Deductions	(6,316,209,220)	(2,129,319,739)	(1,371,024,882)	(445,732,115)	(34,292,195)	(728,644,141)	(43,867,861)	(1,745,895)	(2,106,370)	(410,384,304)	(75,715,509)			(73,376,390)
Total Rate Base	6,029,328,450	2,360,412,722	1,593,743,254	515,049,316	25,796,073	856,021,080	50,546,579	1,780,987	2,343,629	445,497,477	90,052,229			86,084,904
Calculated Return On Rate Base	6.93%	6.33%	8.51%	7.18%	11.20%	5.23%	5.92%	3.97%	19.35%	7.84%	4.03%			6.97%
Return On RB @ Jurisdictional Ave.	418,021,469	163,650,596	110,496,368	35,709,063	1,788,477	59,349,095	3,504,462	123,478	162,487	30,886,941	6,243,456			6,107,045
Total Operating Expenses	1,685,705,501	600,280,947	454,519,636	148,065,921	9,876,379	274,622,482	13,124,499	541,979	1,036,902	121,905,508	28,200,037			33,529,211
Revenue Credits	(255,900,993)	(88,168,447)	(69,246,001)	(22,593,893)	(641,048)	(44,531,203)	(2,166,616)	(75,829)	(110,681)	(19,104,850)	(4,652,790)			(4,609,635)
Total Revenue Requirements	1,847,825,978	675,163,096	495,770,003	161,161,091	11,023,808	289,440,375	14,463,346	589,628	1,088,707	133,087,599	29,790,704			35,026,621
Class Revenue	1,847,825,978	661,995,338	520,951,038	162,435,073	12,123,902	274,874,422	13,946,796	536,865	1,379,767	137,739,935	27,176,952			35,062,990
Equal Rates of Return	(0)	14,167,758	(25,181,035)	(1,253,982)	(1,100,094)	14,565,953	513,550	52,763	(291,060)	(4,051,336)	2,613,752			(36,268)
Percent %	0.00%	2.14%	-4.83%	-0.77%	-9.07%	5.30%	3.68%	8.83%	-21.09%	-2.94%	9.82%			-0.10%
Return On Rate Base @ Target ROR	465,243,115	182,137,327	122,978,551	39,744,925	1,990,511	66,053,445	3,900,343	137,427	180,842	34,376,073	6,948,746			6,796,925
Total Operating Expenses Adjusted for Taxes	1,714,733,957	620,559,950	446,712,762	149,774,907	9,324,279	287,659,828	13,883,251	582,991	1,036,902	121,559,882	30,240,485			33,931,031
Revenue Credits	(255,900,993)	(88,168,447)	(69,246,001)	(22,593,893)	(641,048)	(44,531,203)	(2,166,616)	(75,829)	(110,681)	(19,104,850)	(4,652,790)			(4,609,635)
Total Target Revenue Requirements	1,924,076,079	714,324,830	500,445,311	166,923,939	10,673,743	309,221,069	15,417,317	644,589	939,412	136,831,106	32,536,441			36,118,322
Class Revenue	1,847,825,978	661,995,338	520,951,038	162,435,073	12,123,902	274,874,422	13,946,796	536,865	1,379,767	137,739,935	27,176,952			35,062,990
Increase / (Decrease) Required to Earn Target Rate of Return	76,252,101	52,729,492	(20,505,727)	4,468,866	(1,450,159)	34,346,647	1,468,521	107,724	(440,355)	(907,829)	5,399,489			1,055,432
Percent %	4.13%	7.97%	-3.94%	2.76%	-11.96%	12.90%	10.53%	20.07%	-31.92%	-0.66%	19.72%			3.01%

Rocky Mountain Power
 State of Utah
 2010 Protocol (Non Wgt)
 12 Months Ended June 2015

Cost Of Service By Rate Schedule - Generation Function

DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Operating Expenses	967,942,359	295,896,711	264,250,640	91,090,600	2,802,559	196,152,328	7,666,332	247,253	586,044	63,940,116	20,681,908	24,627,868		
Depreciation Expense	167,194,488	55,624,226	46,548,060	15,160,663	312,436	1,211,722	38,588	31,183,141	11,632,764	3,279,296	3,134,687			
Amortization Expense	11,260,826	3,741,149	3,066,725	1,021,758	21,877	8,191	2,614	2,103,063	782,584	221,178	213,257			
Taxes Other Than Income	32,438,595	10,667,948	8,843,884	2,957,317	65,383	6,120,364	14,283	238,220	7,593	2,240,522	644,178			
Income Taxes - Federal	(23,648,945)	(11,126,516)	(9,103,500)	(1,660,217)	(110,799)	(9,364,742)	(280,247)	(16,421)	(82,961)	(590,070)	(1,376,848)			
Income Taxes - State	(117,426)	(15,488)	(12,889)	(490,731)	(7,702)	(1,264)	(13,001)	(211,451)	(32,662)	(104,877)	(104,877)			
Income Taxes Deferred	53,668,130	17,649,619	14,631,790	4,892,742	108,173	10,125,855	394,124	12,862	23,631	3,706,639	1,065,716			
Investment Tax Credit Adj	(2,068,328)	(680,203)	(563,898)	(188,562)	(4,169)	(390,243)	(151,869)	(484)	(911)	(142,659)	(41,072)			
Misc Revenue & Expense	(196,415)	(64,086)	(53,537)	(17,970)	(4,414)	(37,386)	(46)	(1,459)	(90)	(13,502)	(3,934)			
Total Operating Expenses	1,207,568,803	371,591,421	337,899,646	113,410,818	3,438,533	235,401,648	9,287,717	290,393	792,534	81,767,846	24,365,518	29,321,729		
Rate Base :														
Electric Plant In Service	5,509,579,101	1,821,780,115	1,501,206,020	501,012,928	10,713,190	1,034,298,027	40,205,422	1,281,617	2,350,246	381,878,367	108,792,437	106,060,731		
Plant Held For Future Use	14,084,156	3,936,260	3,853,970	1,372,150	54,224	3,075,768	120,483	3,920	11,127	892,500	324,999	448,755		
Electric Plant Acquisition Adj	15,449,004	5,139,864	4,208,702	1,400,853	28,865	2,881,301	111,982	3,566	6,366	1,074,898	303,005	289,623		
Nuclear Fuel														
Prepayments	6,594,500	2,114,583	1,798,320	608,032	15,278	1,277,467	49,742	1,593	3,281	448,505	134,505	143,195		
Fuel Stock	97,675,186	27,298,404	26,727,708	9,516,015	376,051	21,330,792	835,561	27,184	77,164	6,120,235	2,532,905	3,112,167		
Materials & Supplies	75,594,176	25,150,085	20,593,777	6,854,572	141,243	14,098,617	547,847	17,447	31,150	5,259,627	1,482,644	1,417,166		
Misc Deferred Debits	50,430,428	16,441,542	13,746,206	4,615,514	106,759	9,607,123	373,748	11,940	23,171	3,465,049	1,011,001	1,028,375		
Cash Working Capital	15,010,155	4,530,144	4,234,788	1,421,298	46,261	2,948,081	116,800	3,528	10,799	1,011,489	303,563	383,306		
Weatherization Loans														
Miscellaneous Rate Base														
Total Rate Base Additions	5,784,416,706	1,906,390,996	1,576,369,491	526,801,262	11,481,872	1,089,517,175	42,361,564	1,350,894	2,513,306	400,140,669	114,606,060	112,883,318		
Rate Base Deductions :														
Accum Provision For Depreciation	(1,687,822,220)	(557,296,246)	(459,902,387)	(153,582,581)	(3,311,469)	(317,325,702)	(12,336,157)	(393,324)	(725,619)	(116,882,665)	(33,379,467)	(32,686,605)		
Accum Provision For Amortization	(97,506,319)	(32,267,422)	(26,567,142)	(8,863,392)	(188,619)	(18,288,842)	(710,894)	(22,658)	(41,407)	(6,761,748)	(1,923,654)	(1,870,541)		
Accum Deferred Income Taxes	(921,559,690)	(304,665,239)	(250,862,949)	(83,796,235)	(1,781,340)	(173,287,187)	(6,715,684)	(214,641)	(391,696)	(63,923,452)	(18,195,154)	(17,726,112)		
Unamortized ITC	(40,750)	(13,471)	(11,093)	(3,705)	(79)	(7,663)	(287)	(9)	(17)	(2,827)	(805)	(784)		
Customer Advances For Construction														
Customer Service Deposits														
Customer Rate Base Deductions	(18,019,783)	(5,993,888)	(4,909,076)	(1,634,122)	(33,716)	(3,361,523)	(130,624)	(4,160)	(7,435)	(1,253,000)	(353,508)	(338,130)		
Total Rate Base Deductions	(2,724,948,761)	(900,236,287)	(742,252,446)	(247,860,034)	(5,315,223)	(512,270,917)	(19,893,656)	(634,792)	(1,166,174)	(188,824,291)	(53,852,569)	(52,622,172)		
Total Rate Base	3,059,467,944	1,006,154,729	834,116,945	278,921,228	6,166,649	577,246,258	22,467,909	716,102	1,347,131	211,316,378	60,753,471	60,261,145		
Calculated Return On Rate Base														
Return On Rate Base	215,117,037	69,758,064	57,830,445	19,337,992	427,542	40,021,261	1,557,730	49,648	93,398	14,650,849	4,212,120	4,177,988		
Total Operating Expenses	1,207,568,803	371,591,421	337,899,646	113,410,818	3,438,533	235,401,648	9,287,717	290,393	792,534	81,767,846	24,365,518	29,321,729		
Revenue Credits	(201,681,867)	(66,606,329)	(55,085,462)	(18,351,263)	(396,078)	(37,783,202)	(1,470,454)	(46,743)	(87,877)	(13,955,062)	(3,967,247)	(3,890,052)		
Total Revenue Requirements	1,218,003,973	374,741,156	340,644,630	114,397,447	3,470,997	237,639,708	9,374,993	293,298	798,055	82,423,634	24,810,392	29,609,663		
Return On Rate Base @ Target ROR	236,078,762	77,638,258	64,363,241	21,522,501	475,839	44,542,249	1,733,699	55,257	103,949	16,305,877	4,687,941	4,648,951		
Total Op. exp. Adjusted for Taxes	1,223,307,673	333,813,765	333,813,765	114,336,308	3,307,552	244,219,505	9,536,232	696,883	696,168	81,603,903	25,742,097	29,596,624		
Revenue Credits	(201,681,867)	(66,606,329)	(55,085,462)	(18,351,263)	(396,078)	(37,783,202)	(1,470,454)	(46,743)	(87,877)	(13,955,062)	(3,967,247)	(3,890,052)		
Total Target Revenue Requirements	1,257,704,567	391,178,566	343,091,544	117,507,446	3,387,313	250,978,552	9,799,477	315,397	712,240	83,914,718	26,462,791	30,356,523		

Rocky Mountain Power
 Cost of Service By Rate Schedule - Transmission Function
 State of Utah
 2010 Protocol (Non Wpt)
 12 Months Ended June 2011

A	B	C	D	E	F	G	H	I	J	K	L	M	N
DESCRIPTION	Utah Jurisdiction Normalized	Residential Sch.1	General Large Dist. Sch.6	General +1 MW Sch.8	Street & Area Lighting Sch.7,11,12	General Trans Sch.9	Irrigation Sch.10	Traffic Signals Sch.15	Outdoor Lighting Sch.15	Small Dist. Sch.23	Industrial Cust.1	Industrial Cust.2	
Operating Expenses	103,994,925	34,597,669	28,238,448	9,416,223	217,218	19,455,974	762,550	24,558	44,314	7,220,190	2,035,017	1,982,764	
Operation & Maintenance Expense:	44,638,230	14,785,414	12,106,819	4,029,716	83,035	8,479,135	322,072	10,257	18,313	3,092,068	878,267	833,134	
Depreciation Expense	5,069,857	1,681,513	1,374,531	457,422	9,644	961,442	36,606	1,168	2,079	351,380	99,593	94,479	
Amortization Expense	14,173,368	4,691,442	3,859,157	1,284,077	26,454	2,691,556	3,087	3,087	5,380	964,117	279,987	265,621	
Taxes Other Than Income	25,482,055	7,058,514	10,357,003	2,520,303	109,283	2,451,456	131,429	3,087	45,510	2,220,868	74,608	482,510	
Income Taxes - State	3,459,870	959,135	1,407,345	342,487	14,850	333,112	77	77	6,184	301,779	10,138	66,924	
Income Taxes Deferred	13,888,844	4,590,644	3,776,240	1,256,487	25,886	2,633,726	100,288	3,021	5,265	943,402	273,971	259,914	
Investment Tax Credit Ad	(952,644)	(315,329)	(259,388)	(86,307)	(1,778)	(180,909)	(6,889)	(207)	(362)	(64,802)	(18,819)	(17,853)	
Misc Revenues & Expenses	666	222	182	60	1	124	5	0	0	46	13	12	
Total Operating Expenses	208,715,172	68,049,224	60,860,337	19,220,448	484,593	38,825,616	1,466,412	42,530	126,884	15,028,048	3,632,775	3,977,505	
Rate Base:	2,502,632,819	828,941,295	678,766,391	225,925,196	4,655,335	475,380,435	18,056,912	575,036	1,026,710	173,356,162	49,239,863	46,709,484	
Plant Held For Future Use	427,398	142,195	116,434	38,755	799	79,711	3,097	99	176	29,737	8,383	8,012	
Electric Plant Acquisition Ad.	-	-	-	-	-	-	-	-	-	-	-	-	
Nuclear Fuel	-	-	-	-	-	-	-	-	-	-	-	-	
Prepayments	2,343,731	776,308	635,669	211,580	4,360	445,197	16,910	539	962	162,349	46,113	43,744	
Fuel Stock	-	-	-	-	-	-	-	-	-	-	-	-	
Materials & Supplies	578,699	191,681	156,955	52,242	1,076	109,925	4,175	133	237	40,086	11,386	10,801	
Misc Deferred Debits	15,698,150	5,199,661	4,257,666	1,417,150	29,201	2,981,900	113,265	3,607	6,440	1,087,403	308,865	292,992	
Cash Working Capital	4,845,269	1,585,255	1,379,975	442,729	11,114	864,069	34,475	1,039	2,699	344,511	86,966	82,436	
Weatherization Loans	-	-	-	-	-	-	-	-	-	-	-	-	
Miscellaneous Rate Base	-	-	-	-	-	-	-	-	-	-	-	-	
Total Rate Base Additions	2,526,526,065	836,836,395	685,313,090	228,087,653	4,701,885	479,861,237	18,228,835	580,452	1,037,224	175,020,249	49,701,577	47,157,469	
Rate Base Deductions:	(654,227,113)	(216,698,087)	(177,440,042)	(59,860,344)	(1,216,977)	(124,271,951)	(4,720,356)	(150,323)	(268,398)	(45,317,984)	(12,872,068)	(12,210,582)	
Accum Provision For Depreciator	(35,224,009)	(11,667,167)	(9,553,488)	(3,179,848)	(65,523)	(6,690,877)	(254,147)	(8,094)	(14,451)	(2,439,950)	(633,040)	(657,426)	
Accum Deferred Income Taxes	(406,917,606)	(134,706,206)	(110,288,826)	(36,740,226)	(755,813)	(77,420,410)	(2,834,482)	(93,442)	(166,908)	(28,195,503)	(8,009,764)	(7,605,815)	
Unamortized ITC	(18,769)	(6,213)	(5,087)	(1,695)	(35)	(3,571)	(4)	(4)	(8)	(1,300)	(369)	(351)	
Customer Advance For Constructor	(6,320,173)	(2,467,222)	(3,468,904)	(1,111,786)	(6,050)	(1,089,848)	(23,830)	(18,221)	(46,828)	(2,207,485)	(369)	(351)	
Customer Service Deposits	(4,214,414)	(1,396,818)	(1,143,764)	(380,698)	(7,845)	(798,458)	(30,427)	(969)	(1,730)	(292,116)	(82,882)	(78,708)	
Misc Rate Base Deductions	(1,106,922,084)	(386,941,713)	(288,760,111)	(89,474,596)	(2,052,242)	(210,275,115)	(7,963,387)	(271,253)	(498,323)	(78,454,338)	(21,658,124)	(20,552,882)	
Total Rate Base	1,419,603,981	469,894,682	386,532,979	128,613,057	2,649,642	269,586,122	10,265,447	309,199	538,902	96,665,910	28,043,453	26,604,587	
Calculated Return On Rate Base	6.93%	6.33%	8.51%	7.18%	11.20%	5.23%	5.92%	3.97%	19.35%	7.84%	4.03%	6.97%	
Return On Rate Base	98,423,058	32,578,432	26,798,853	8,916,917	183,703	18,690,769	711,717	21,437	37,363	6,695,045	1,944,290	1,844,532	
Total Operating Expenses	209,715,172	68,049,224	60,860,337	19,220,448	484,593	38,825,616	1,466,412	42,530	126,884	15,028,048	3,632,775	3,977,505	
Revenue Credits	(34,307,592)	(11,079,885)	(9,411,681)	(3,152,365)	(76,876)	(6,550,702)	(255,211)	(8,075)	(16,882)	(2,351,950)	(685,262)	(718,703)	
Total Revenue Requirements	273,830,638	89,547,771	78,247,908	24,984,999	591,421	48,965,683	1,922,918	55,892	147,165	19,372,143	4,891,803	5,103,334	
Return On Rate Base @ Target ROR	109,541,383	36,258,643	29,226,175	9,924,213	204,455	20,802,165	792,116	23,859	41,583	7,451,348	2,163,926	2,062,899	
Total Operating Expenses Adjusted for Tax:	209,715,172	72,045,618	58,966,924	19,447,199	477,884	40,943,740	1,497,957	49,650	88,134	14,954,130	4,288,196	4,088,868	
Revenue Credits	(34,307,592)	(11,079,885)	(9,411,681)	(3,152,365)	(76,876)	(6,550,702)	(255,211)	(8,075)	(16,882)	(2,351,950)	(685,262)	(718,703)	
Total Target Revenue Requirements	292,304,091	97,224,375	79,381,418	26,419,047	555,484	55,195,204	2,116,862	65,434	112,836	20,653,528	5,746,860	5,633,064	

Witness: Joelle R. Steward

Rocky Mountain Power
 Cost Of Service By Rate Schedule - Distribution Function
 State of Utah
 2010 Protocol (Non Wgt)
 12 Months Ended June 2015

DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Operating Expenses	99,747,053	54,857,159	23,423,647	7,075,889	2,791,637	883,202	1,028,166	56,915	22,829	9,434,517	81,465	91,626		
Depreciation & Maintenance Expenses	49,907,130	30,100,143	10,197,762	2,850,245	1,439,704	117,531	524,888	27,619	15,916	4,617,330	7,996	7,996		
Amortization Expense	4,789,671	2,140,323	1,129,793	330,682	70,651	13,201	54,466	2,307	1,385	444,576	1,161	1,127		
Taxes Other Than Income	16,099,580	9,299,080	3,817,807	1,108,176	179,584	7,537	186,982	7,883	4,593	1,486,362	772	803		
Income Taxes - Federal	45,160,154	22,751,686	13,127,640	3,054,569	991,203	34,560	406,198	10,494	41,402	4,727,143	2,035	3,225		
Income Taxes - State	6,136,515	3,092,935	1,783,828	415,065	134,688	4,696	55,196	1,926	5,626	642,340	276	438		
Income Taxes Deferred	(4,071,437)	(2,351,653)	(965,489)	(280,248)	(45,415)	(1,906)	(47,286)	(1,162)	(1,162)	(375,887)	(195)	(203)		
Investment Tax Credit Adj	(1,077,206)	(622,192)	(255,446)	(74,147)	(12,016)	(504)	(12,511)	(527)	(307)	(99,451)	(54)	(54)		
Misc Revenues & Expense	(63,463)	(17,794)	(14,570)	(4,850)	(100)	(9,975)	(398)	(12)	(22)	(3,721)	(1,049)	(1,003)		
Total Operating Expenses	216,637,977	119,859,688	52,244,972	14,475,382	5,549,936	1,048,342	2,195,711	104,111	90,259	20,873,209	92,409	103,956		
Rate Base :														
Electric Plant In Service	2,832,968,810	1,626,113,042	667,599,131	195,166,666	42,007,225	3,603,463	32,314,730	1,369,907	815,938	263,488,366	245,170	245,170		
Plant Held For Future Use	4,140,116	1,994,931	1,289,954	409,184	2,895	-	55,914	873	666	385,699	-	-		
Electric Plant Acquisition Adj	-	-	-	-	-	-	-	-	-	-	-	-		
Nuclear Fuel	-	-	-	-	-	-	-	-	-	-	-	-		
Prepayments	2,120,801	1,217,332	499,774	146,105	31,447	2,698	24,191	1,026	611	197,251	184	184		
Fuel Stock	-	-	-	-	-	-	-	-	-	-	-	-		
Materials & Supplies	10,647,674	6,111,724	2,509,162	733,531	157,884	13,544	121,454	5,149	3,067	990,317	921	921		
Misc Deferred Debts	30,267,349	17,373,340	7,132,608	2,085,154	448,804	38,499	345,250	14,636	8,717	2,815,101	2,619	2,619		
Cash Working Capital	5,507,534	2,997,589	1,340,934	387,364	144,617	39,748	56,010	2,837	1,854	528,818	3,646	4,117		
Weatherization Loans	-	-	-	-	-	-	-	-	-	-	-	-		
Miscellaneous Rate Base	-	-	-	-	-	-	-	-	-	-	-	-		
Total Rate Base Additions	2,885,652,284	1,655,807,957	680,371,564	198,928,003	42,792,872	3,697,951	32,917,550	1,394,427	830,854	268,405,653	252,541	253,012		
Rate Base Deductions :														
Accum Provision For Depreciation	(888,308,455)	(504,449,106)	(207,732,755)	(61,615,695)	(20,440,039)	(1,236,790)	(9,799,903)	(405,655)	(227,073)	(82,833,143)	(84,148)	(84,148)		
Accum Provision For Amortization	(33,761,146)	(19,378,766)	(7,955,934)	(2,325,846)	(500,610)	(42,943)	(3,140,052)	(16,325)	(9,724)	(3,140,052)	(2,922)	(2,922)		
Accum Deferred Income Taxes	(465,017,127)	(268,132,849)	(110,022,970)	(32,000,622)	(5,190,767)	(573,716)	(5,376,371)	(231,069)	(140,665)	(43,270,153)	(38,973)	(38,973)		
Unamortized ITC	(21,223)	(12,241)	(5,022)	(1,460)	(234)	(26)	(1,974)	(11)	(6)	(1,259,064)	(2)	(2)		
Customer Advance For Construction	(5,604,784)	(1,407,209)	(199,001)	(63,758)	(3,451)	(621,608)	(13,592)	(10,392)	(26,709)	(1,259,064)	-	-		
Customer Service Deposits	-	-	-	-	-	-	-	-	-	-	-	-		
Misc Rate Base Deductions	(6,878,752)	(3,273,884)	(1,723,790)	(534,780)	(65,773)	(526,524)	(66,837)	(2,620)	(2,328)	(574,283)	(55,178)	(52,757)		
Total Rate Base Deductions	(1,398,191,488)	(796,654,054)	(327,639,471)	(95,542,162)	(26,200,872)	(3,001,608)	(15,642,050)	(666,073)	(406,505)	(131,078,669)	(181,222)	(178,801)		
Total Rate Base	1,487,460,796	859,153,903	352,732,093	102,385,842	16,591,999	696,344	17,275,500	728,354	424,348	137,326,884	71,318	74,211		
Calculated Return On Rate Base	6.93%	7.72%	8.51%	7.18%	11.20%	5.23%	5.92%	3.97%	19.35%	7.84%	4.03%	6.97%		
Return On Rate Base	103,127,662	59,566,298	24,455,392	7,096,548	1,150,346	48,278	1,197,734	50,498	29,421	9,521,058	4,945	5,145		
Total Operating Expenses	216,637,977	119,859,688	52,244,972	14,475,382	5,549,936	1,048,342	2,195,711	104,111	90,259	20,873,209	92,409	103,956		
Revenue Credits	(11,690,826)	(4,674,429)	(4,077,989)	(984,059)	(113,940)	(176,657)	(308,967)	(7,987)	(2,531)	(1,330,942)	(1,570)	(1,755)		
Total Revenue Requirements	308,074,813	174,751,557	72,622,376	20,579,871	6,586,342	919,963	3,084,477	146,622	117,149	29,063,325	95,784	107,346		
Return On Rate Base @ Target ROR	114,777,442	66,295,184	27,217,986	7,900,433	1,280,294	53,732	1,333,035	56,202	32,744	10,596,601	5,503	5,726		
Total Operating Expenses Adjusted for Taxes	222,285,295	119,517,131	50,517,131	14,815,109	5,194,826	1,058,979	2,386,793	120,884	59,904	20,766,668	94,025	104,294		
Revenue Credits	(11,690,826)	(4,674,429)	(4,077,989)	(984,059)	(113,940)	(176,657)	(308,967)	(7,987)	(2,531)	(1,330,942)	(1,570)	(1,755)		
Total Target Revenue Requirements	325,371,910	188,787,435	73,657,129	21,721,483	6,361,180	936,054	3,410,861	169,099	90,117	30,032,327	97,959	108,266		

Rocky Mountain Power
 Cost Of Service By Rate Schedule - Retail Services Function
 State of Utah
 2010 Protocol (Non Wgt)
 12 Months Ended June 2015

DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Utah Jurisdiction Normalized	Residential Sch 1	General Large Dist. Sch 6	General +1 MW Sch 8	Street & Area Lighting Sch 7,11,12	General Trans Sch 9	Irrigation Sch 10	Traffic Signals Sch 15	Outdoor Lighting Sch 15	General Small Dist. Sch 23	Industrial Cust 1	Industrial Cust 2		
Operating Expenses	40,028,389	34,754,318	910,933	202,445	324,141	204,697	94,564	97,192	20,343	3,416,282	1,321	2,153		
Depreciation & Maintenance Expenses	650,821	566,755	12,665	225	6,708	424	2,240	1,707	356	59,735	3	3		
Amortization Expense	1,765,607	1,537,546	34,358	611	18,198	1,150	6,077	4,630	967	162,055	7	7		
Taxes Other Than Income	359,081	127,802	19,503	35,102	542	59,184	2,650	(68)	(33)	113,586	416	397		
Income Taxes - Federal	(1,105,746)	(508,147)	(140,632)	(84,514)	(5,874)	(109,361)	(7,034)	(731)	(132)	(237,690)	(5,788)	(5,843)		
Income Taxes - State	(150,253)	(69,049)	(19,110)	(11,484)	(798)	(14,860)	(956)	(99)	(18)	(32,298)	(787)	(794)		
Income Taxes Deferred	16,083	5,728	874	1,573	24	2,652	119	(3)	(1)	5,090	19	18		
Investment Tax Credit Adj	931,249	820,166	50,928	15,879	-	26,871	3,919	-	-	13,465	-	-		
Misc Revenues & Expense	42,495,240	37,235,139	869,519	159,837	342,941	170,758	101,578	102,627	21,482	3,500,225	(4,809)	(4,059)		
Total Operating Expenses	66,900,885	58,259,391	1,301,880	23,145	689,550	43,582	230,270	175,436	36,645	6,140,435	275	275		
Rate Base :	-	-	-	-	-	-	-	-	-	-	-	-		
Electric Plant In Service	-	-	-	-	-	-	-	-	-	-	-	-		
Plant Held For Future Use	-	-	-	-	-	-	-	-	-	-	-	-		
Electric Plant Acquisition Adj	-	-	-	-	-	-	-	-	-	-	-	-		
Nuclear Fuel	10,884	4,308	2,857	924	57	1,509	91	3	4	824	158	150		
Prepayments	-	-	-	-	-	-	-	-	-	-	-	-		
Fuel Stock	-	-	-	-	-	-	-	-	-	-	-	-		
Materials & Supplies	132,495	52,439	34,777	11,243	699	18,366	1,104	39	50	10,025	1,921	1,831		
Misc Deferred Debits	716,829	627,781	14,348	2,701	5,823	2,674	1,641	1,761	369	59,869	(77)	(69)		
Cash Working Capital	-	-	-	-	-	-	-	-	-	-	-	-		
Weatherization Loans	-	-	-	-	-	-	-	-	-	-	-	-		
Miscellaneous Rate Base	-	-	-	-	-	-	-	-	-	-	-	-		
Total Rate Base Additions	67,761,093	58,943,919	1,353,862	38,013	696,130	66,132	233,105	177,240	37,068	6,211,153	2,277	2,194		
Rate Base Deductions :	-	-	-	-	-	-	-	-	-	-	-	-		
Accum Provision For Depreciation	(3,952,231)	(3,441,727)	(76,910)	(1,367)	(40,736)	(2,575)	(13,603)	(10,364)	(2,165)	(362,752)	(16)	(16)		
Accum Provision For Amortization	(54,758,494)	(47,678,410)	(1,063,280)	(18,903)	(56,039)	(34,936)	(188,666)	(144,010)	(30,081)	(5,033,728)	(221)	(221)		
Accum Deferred Income Taxes	(10,610,296)	(9,157,025)	(211,561)	(10,073)	(89,308)	24,675	(26,096)	(19,127)	(2,628)	(1,119,554)	201	201		
Unamortized ITC	-	-	-	-	-	-	-	-	-	-	-	-		
Customer Advance For Construction	(15,625,768)	(4,811,270)	(673,766)	(1,696,160)	(25,532)	(2,859,843)	(131,725)	-	-	(5,427,471)	-	-		
Customer Service Deposits	(1,200,097)	(399,271)	(326,937)	(108,820)	(2,242)	(223,823)	(8,697)	(277)	(495)	(83,498)	(23,538)	(22,488)		
Misc Rate Base Deductions	(86,146,886)	(65,487,704)	(2,352,454)	(1,835,323)	(723,857)	(3,096,501)	(368,787)	(173,777)	(35,369)	(12,027,005)	(23,574)	(22,539)		
Total Rate Base	(18,385,793)	(6,543,785)	(998,592)	(1,797,310)	(27,727)	(3,030,369)	(135,682)	3,463	1,700	(5,815,852)	(21,297)	(20,340)		
Calculated Return On Rate Base	6.93%	6.33%	8.51%	7.18%	11.20%	5.23%	5.92%	3.97%	19.35%	7.84%	4.03%	6.97%		
Return On Rate Base	(1,274,712)	(453,689)	(69,234)	(124,610)	(1,922)	(210,100)	(9,407)	240	118	(403,221)	(1,477)	(1,410)		
Total Operating Expenses	42,495,240	37,235,139	869,519	159,837	342,941	170,758	101,578	102,627	21,482	3,500,225	(4,809)	(4,059)		
Revenue Credits	(8,213,376)	(5,790,936)	(667,876)	(96,593)	(53,185)	(62,049)	(131,746)	(13,014)	(3,357)	(1,424,475)	(69)	(78)		
Total Revenue Requirements	33,007,152	30,990,514	132,409	(61,366)	287,834	(71,391)	(99,575)	89,854	18,243	1,672,530	(6,354)	(5,545)		
Return On Rate Base @ Target ROR	(1,418,709)	(504,940)	(77,055)	(138,686)	(2,140)	(233,833)	(10,470)	267	131	(448,771)	(1,643)	(1,570)		
Total Operating Expenses Adjusted for Taxes	42,395,210	37,179,485	874,410	153,873	343,535	124,467	100,078	102,707	21,361	3,504,738	(5,292)	(4,152)		
Revenue Credits	(8,213,376)	(5,790,936)	(667,876)	(96,593)	(53,185)	(62,049)	(131,746)	(13,014)	(3,357)	(1,424,475)	(69)	(78)		
Total Target Revenue Requirements	32,763,125	30,883,609	129,480	(81,406)	288,210	(141,416)	(42,138)	89,960	18,135	1,631,492	(7,004)	(5,797)		

Rocky Mountain Power
 Cost Of Service By Rate Schedule
 State of Utah
 2010 Protocol (Non Wgt)
 12 Months Ended June 2015
 7.72% = Target Return On Rate Base

Description	Utah Jurisdiction Normalized	Residential Sch 1	General Large Dist. Sch 6	General +1 MW Sch 8	Street & Area Lighting Sch. 7,11,12 Sch 9	General Trans Sch 9	Irrigation Sch 10	Traffic Signals Sch 15	Outdoor Lighting Sch 15	General Small Dist. Sch 23	Industrial Cust 1	Industrial Cust 2	Aggregated Industrial
DISTRIBUTION-TOTAL													
62 Revenue Requirement	100.00%	56.02%	22.64%	6.68%	1.98%	0.29%	1.05%	0.05%	0.03%	9.23%	0.03%	0.03%	0.06%
63 Per NCP kW	325,371,910	188,787,435	73,657,129	21,721,483	6,361,180	936,054	3,410,861	169,099	90,117	30,032,327	97,959	108,266	206,224
64 Per KWH	3.29	3.31	4.22	4.74	25.97	0.10	5.63	19.97	1.82	4.37	0.09	0.08	0.00
65 Per KWH	0.014	0.012	0.030	0.010	0.074	0.000	0.018	0.027	0.005	0.022	0.000	0.000	0.000
66 Per Customer	380.62	254.90	4,787.87	79,420.41	655.87	5,915.04	1,120.15	68.56	174.93	363.29	97,958.64	108,265.86	103,112.25
67													
DISTRIBUTION-SUBSTATION													
68 Revenue Requirement	100.00%	48.66%	29.82%	9.49%	0.40%	0.09%	1.26%	0.02%	0.02%	9.21%	0.02%	0.02%	0.03%
69 Per NCP kW	72,214,636	35,862,038	21,535,351	6,851,954	286,342	65,926	911,155	16,715	12,043	6,648,915	11,159	13,037	24,196
70 Per KWH	0.73	0.63	1.23	1.49	1.17	0.01	1.50	0.97	0.24	0.97	0.01	0.01	0.01
71 Per KWH	0.003	0.006	0.004	0.003	0.003	0.000	0.005	0.003	0.001	0.005	0.000	0.000	0.000
72 Per Customer	84.48	48.42	1,399.84	25,052.85	29.52	416.59	299.23	6.78	23.38	80.43	11,159.27	13,036.57	12,098
73													
DISTRIBUTION-P & C													
74 Revenue Requirement	100.00%	56.80%	22.17%	7.08%	3.50%	0.10%	0.89%	0.03%	0.01%	9.38%	0.02%	0.02%	0.04%
75 Per NCP kW	152,444,375	86,583,267	33,798,859	10,792,145	5,331,851	158,771	1,364,213	38,855	18,824	14,297,340	27,511	32,740	60,250
76 Per KWH	1.54	1.52	1.94	2.35	21.76	0.02	2.25	4.59	0.38	2.08	0.03	0.02	0.02
77 Per KWH	0.007	0.014	0.006	0.005	0.062	0.000	0.007	0.006	0.001	0.010	0.000	0.000	0.000
78 Per Customer	178.33	116.90	2,197.00	39,459.40	549.74	1,003.29	448.02	15.75	36.54	172.95	27,510.73	32,739.75	30,125
79													
DISTRIBUTION-TRANSFORMER													
80 Revenue Requirement	100.00%	59.48%	24.18%	5.99%	0.87%	0.13%	1.67%	0.02%	0.06%	7.56%	0.02%	0.02%	0.04%
81 Per NCP kW	59,453,686	35,361,661	14,378,149	3,560,143	514,637	75,896	993,701	10,687	37,420	4,496,234	11,638	13,520	25,158
82 Per KWH	0.60	0.62	0.82	0.78	2.10	0.01	1.64	1.26	0.76	0.65	0.01	0.01	0.01
83 Per KWH	0.003	0.006	0.002	0.002	0.006	0.000	0.005	0.002	0.002	0.003	0.000	0.000	0.000
84 Per Customer	69.55	47.75	934.61	13,016.98	53.06	479.59	326.34	4.33	72.64	54.39	11,637.91	13,520.46	12,579
85													
DISTRIBUTION-METER													
86 Revenue Requirement	100.00%	70.83%	9.27%	0.31%	0.38%	0.14%	0.91%	0.26%	0.05%	11.97%	0.37%	0.37%	0.7%
87 Per NCP kW	11,235,427	7,957,725	1,041,277	35,224	42,795	593,024	102,707	29,211	5,513	1,344,907	41,368	41,676	83,044
88 Per KWH	0.11	0.14	0.06	0.01	0.17	0.06	0.17	3.45	0.11	0.20	0.04	0.03	0.03
89 Per KWH	0.000	0.001	0.000	0.000	0.001	0.000	0.001	0.005	0.000	0.001	0.000	0.000	0.000
90 Per Customer	13.14	10.74	67.69	128.79	4.41	3,747.39	33.73	11.84	10.70	16.27	41,368.20	41,675.72	41,522
91													
DISTRIBUTION-SERVICE													
92 Revenue Requirement	100.00%	76.68%	9.67%	1.61%	0.62%	0.14%	0.15%	0.25%	0.05%	10.81%	0.02%	0.02%	0.05%
93 Per NCP kW	30,023,786	23,022,745	2,903,493	482,017	185,555	42,438	39,085	73,630	16,316	3,244,931	6,283	7,293	13,576
94 Per KWH	0.30	0.40	0.17	0.11	0.76	0.00	0.06	8.70	0.33	0.47	0.01	0.01	0.01
95 Per KWH	0.001	0.004	0.000	0.000	0.002	0.000	0.000	0.012	0.001	0.002	0.000	0.000	0.000
96 Per Customer	35.12	31.09	188.73	1,762.40	19.13	268.17	12.84	29.85	31.67	39.25	6,282.52	7,293.36	6,788
97													
RETAIL-TOTAL													
98 Revenue Requirement	100.00%	84.26%	0.40%	-0.25%	0.88%	-0.43%	-0.13%	0.27%	0.06%	4.98%	-0.02%	-0.02%	-0.04%
99 Per NCP kW	32,763,125	30,883,609	129,480	(81,406)	288,210	(141,416)	(42,138)	89,960	18,135	1,631,492	(7,004)	(5,797)	(12,801)
100 Per KWH	0.33	0.54	0.01	(0.02)	1.18	(0.01)	(0.07)	10.62	0.37	0.24	(0.01)	(0.00)	(0.01)
101 Per KWH	0.001	0.005	0.000	(0.000)	0.003	(0.000)	(0.000)	0.015	0.001	0.001	(0.000)	(0.000)	(0.000)
102 Per Customer	38.33	41.70	8.42	(297.64)	29.72	(893.62)	(13.84)	36.48	35.20	19.74	(7,003.64)	(5,797.19)	(6,400)
103													
MISC - Total													
104 Revenue Requirement	100.00%	39.23%	26.27%	8.52%	0.51%	14.14%	0.83%	0.03%	0.04%	7.53%	1.48%	1.42%	2.90%
105 Per NCP kW	15,932,385	6,250,845	4,185,741	1,357,370	81,575	2,252,675	132,254	4,698	6,085	1,199,040	235,835	226,266	462,101
106 Per KWH	0.16	0.11	0.24	0.30	0.33	0.22	0.22	0.55	0.12	0.22	0.17	0.16	0.19
107 Per KWH	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000
108 Per Customer	18.64	8.44	272.08	4,962.96	8.41	14,234.91	43.43	1.91	11.81	14.50	235,835.14	226,266.04	231,051

Rocky Mountain Power
 Cost Of Service By Rate Schedule
 State of Utah
 2010 Protocol (Non Wgt)
 12 Months Ended June 2015
 7.72% = Target Return On Rate Base

Description	Utah Jurisdiction Normalized	Residential Sch 1	General Large Dist. Sch 6	General +1 MW Sch 8	Street & Area		General Trans Sch 9	Irrigation Sch 10	Traffic Signals Sch 15	Outdoor Lighting Sch 15	General Small Dist. Sch 23	Industrial Cust 1	Industrial Cust 2	Aggregated Industrial
					Sch. 7,11,12 Lighting	Sch 23								
Classified Rev Req														
1 Generation - Demand	558,426,113	196,402,326	151,801,676	49,295,395	665,398	97,817,764	3,796,704	119,926	155,466	40,203,347	10,272,768	7,895,342	18,168,110	
2 Transmission - Demand	222,157,622	77,607,188	60,264,141	19,608,805	283,975	39,705,131	1,517,234	46,398	59,609	15,728,806	4,123,534	3,212,802	7,336,336	
3 Distribution - Substation	72,214,636	35,862,038	21,535,351	6,851,954	286,342	65,926	911,155	16,715	12,043	6,648,915	11,159	13,037	24,196	
4 Demand - TOTAL Rev Req	852,798,371	309,871,552	233,601,167	75,756,154	1,235,715	137,589,821	6,225,093	183,040	227,119	62,581,068	14,407,461	11,121,181	25,528,642	
5 Generation - Energy	699,278,455	194,776,033	191,289,873	68,212,077	2,721,923	153,160,912	6,002,778	195,471	556,775	43,711,344	16,190,037	22,461,232	38,651,269	
6 Transmission - Energy	70,146,469	19,617,187	19,117,277	6,810,241	271,489	15,490,073	599,629	19,035	53,227	4,324,723	1,623,326	2,220,262	3,843,588	
7 Misc - Total	15,932,385	6,250,845	4,185,741	1,357,370	81,575	2,252,675	132,254	4,698	6,085	1,199,040	235,835	226,266	462,101	
8 Energy - TOTAL Rev Req	785,357,309	220,644,065	214,592,891	76,379,688	3,074,988	170,903,660	6,734,661	219,204	616,087	49,235,107	18,049,198	24,907,760	42,956,958	
9 Distribution - Meter	11,235,427	7,957,725	1,041,277	35,224	42,795	593,024	102,707	29,211	5,513	1,344,907	41,368	41,676	83,044	
10 Distribution - Service	30,023,786	23,022,745	2,903,493	482,017	185,555	42,438	39,085	73,630	16,316	3,244,931	6,283	7,293	13,576	
11 Retail Total	32,763,125	30,883,609	129,480	(81,406)	288,210	(141,416)	(42,138)	89,960	18,135	1,631,492	(7,004)	(5,797)	(12,801)	
12 Customer - TOTAL Rev Req	74,022,338	61,864,079	4,074,250	435,835	516,560	494,040	99,654	192,802	39,964	6,221,330	40,647	43,172	83,819	
13 Distribution - P&C	152,444,375	86,583,267	33,798,859	10,792,145	5,331,851	158,771	1,364,213	38,855	18,824	14,297,340	27,511	32,740	60,250	
14 Distribution - Transformer	59,453,686	35,361,661	14,378,149	3,560,143	514,637	75,696	993,701	10,687	37,420	4,496,234	11,638	13,520	25,158	
15 Load Size - TOTAL Rev Req	211,898,061	121,944,927	48,177,008	14,352,288	5,846,488	234,666	2,357,914	49,543	56,244	18,793,574	39,149	46,260	85,409	
16 Total Classification Rev Req	1,924,076,079	714,324,623	500,445,316	166,923,965	10,673,750	309,221,193	15,417,322	644,589	939,414	136,831,079	32,536,455	36,118,373	68,654,828	
17 GTDRM Rev Req	1,924,076,079	714,324,623	500,445,316	166,923,965	10,673,750	309,221,193	15,417,322	644,589	939,414	136,831,079	32,536,455	36,118,373	68,654,828	
Check														
18 UNITS														
19 NCP KW	98,933,098	57,008,525	17,458,659	4,584,311	244,989	9,632,375	606,328	8,467	49,463	6,868,110	1,085,325	1,386,545	2,471,870	
20 Annual KWH	22,506,063,715	6,203,851,850	6,079,744,858	2,187,047,323	85,461,637	5,070,026,322	189,890,000	6,177,949	17,536,445	1,390,888,209	535,721,170	739,717,952	1,275,439,122	
21 Average Customers	854,847	740,636	15,384	274	9,699	158	3,045	2,466	515	82,668	1	1	2	
22 Load Factor	31%	15%	48%	65%	48%	72%	43%	100%	49%	28%	68%	73%	71%	
100% Cost Based Rates														
23 Demand Charge	\$ 8.62	\$ 5.44	\$ 13.38	\$ 16.53	\$ 5.04	\$ 14.28	\$ 10.27	\$ 21.62	\$ 4.59	\$ 9.11	\$ 13.27	\$ 8.02	\$ 10.33	
24 Energy Charge	\$ 0.0349	\$ 0.0356	\$ 0.0353	\$ 0.0349	\$ 0.0360	\$ 0.0337	\$ 0.0355	\$ 0.0355	\$ 0.0351	\$ 0.0354	\$ 0.0337	\$ 0.0337	\$ 0.0337	
25 Customer Charge	\$ 7.22	\$ 6.96	\$ 22.07	\$ 132.80	\$ 4.44	\$ 260.16	\$ 2.73	\$ 6.51	\$ 6.46	\$ 3.87	\$ 3.87	\$ 3.87	\$ 3.87	
26 Load Size Charge	\$ 2.14	\$ 2.14	\$ 2.76	\$ 3.13	\$ 23.86	\$ 0.02	\$ 3.89	\$ 5.85	\$ 1.14	\$ 2.74	\$ 0.04	\$ 0.03	\$ 0.03	
27 Demand Revenue Requirement	\$ 852,798,371	\$ 309,871,552	\$ 233,601,167	\$ 75,756,154	\$ 1,235,715	\$ 137,589,821	\$ 6,225,093	\$ 183,040	\$ 227,119	\$ 62,581,068	\$ 14,407,461	\$ 11,121,181	\$ 25,528,642	
28 Energy Revenue Requirement	\$ 785,357,309	\$ 220,644,065	\$ 214,592,891	\$ 76,379,688	\$ 3,074,988	\$ 170,903,660	\$ 6,734,661	\$ 219,204	\$ 616,087	\$ 49,235,107	\$ 18,049,198	\$ 24,907,760	\$ 42,956,958	
29 Customer Revenue Requirement	\$ 74,022,338	\$ 61,864,079	\$ 4,074,250	\$ 435,835	\$ 516,560	\$ 494,040	\$ 99,654	\$ 192,802	\$ 39,964	\$ 6,221,330	\$ 40,647	\$ 43,172	\$ 83,819	
30 Load Size Revenue Requirement	\$ 211,898,061	\$ 121,944,927	\$ 48,177,008	\$ 14,352,288	\$ 5,846,488	\$ 234,666	\$ 2,357,914	\$ 49,543	\$ 56,244	\$ 18,793,574	\$ 39,149	\$ 46,260	\$ 85,409	
31 Total Revenue Requirement	\$ 1,924,076,079	\$ 714,324,623	\$ 500,445,316	\$ 166,923,965	\$ 10,673,750	\$ 309,221,193	\$ 15,417,322	\$ 644,589	\$ 939,414	\$ 136,831,079	\$ 32,536,455	\$ 36,118,373	\$ 68,654,828	

Rocky Mountain Power
Exhibit RMP__(JRS-3)
Docket No. 13-035-184
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

Cost of Service Study

January 2014

**THIS EXHIBIT IS VOLUMINOUS
AND IS PROVIDED UNDER
SEPARATE COVER**

Rocky Mountain Power
Exhibit RMP__(JRS-4)
Docket No. 13-035-184
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 Allocation of Revenue Requirement Increase

January 2014

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 June 2013
Forecast Test Period 12 Months Ending June 2015

Line No.	Description (1)	Sch No. (2)	No. of Customers Forecast (3)	MWh Forecast (4)	Present Revenues (\$000) (5)	Proposed Revenues (\$000) (6)	Change (7) (6)-(5)	(%) (8) (7)/(5)
Residential								
1	Residential	1,3	740,189	6,200,666	\$661,257	\$694,923	\$33,666	5.09%
2	Residential-Optional TOD	2	447	3,186	\$338	\$356	\$17	5.09%
3	AGA/Revenue Credit	--			\$33	\$33	\$0	0.00%
4	Total Residential		740,636	6,203,852	\$661,628	\$695,312	\$33,684	5.09%
Commercial & Industrial & OSPA								
5	General Service-Distribution	6	13,072	5,783,806	\$486,921	\$497,104	\$10,183	2.09%
6	General Service-Distribution-Energy TOD	6A	2,276	292,031	\$33,690	\$34,394	\$705	2.09%
7	General Service-Distribution-Demand TOD	6B	37	3,907	\$341	\$348	\$7	2.09%
8	<i>Subtotal Schedule 6</i>		15,385	6,079,745	\$520,951	\$531,845	\$10,894	2.09%
9	General Service-Distribution > 1,000 kW	8	274	2,187,047	\$162,435	\$169,081	\$6,646	4.09%
10	General Service-High Voltage	9	149	5,027,436	\$271,735	\$288,287	\$16,552	6.09%
11	General Service-High Voltage-Energy TOD	9A	9	42,591	\$3,139	\$3,331	\$191	6.09%
12	<i>Subtotal Schedule 9</i>		158	5,070,026	\$274,874	\$291,618	\$16,743	6.09%
13	Irrigation	10	2,784	173,133	\$12,709	\$13,483	\$774	6.09%
14	Irrigation-Time of Day	10TOD	261	16,757	\$1,239	\$1,315	\$76	6.09%
15	<i>Subtotal Irrigation</i>		3,045	189,890	\$13,949	\$14,798	\$850	6.09%
16	Electric Furnace	21	5	4,049	\$454	\$481	\$28	6.09%
17	General Service-Distribution-Small	23	82,668	1,390,888	\$137,739	\$141,997	\$4,258	3.09%
18	Back-up, Maintenance, & Supplementary	31	4	56,282	\$4,219	\$4,476	\$257	6.09%
19	Contract 1	--	1	535,721	\$27,177	\$28,277	\$1,100	4.05%
20	Contract 2	--	1	795,799	\$35,063	\$35,063	\$0	0.00%
21	Contract 3	--	1	621,809	\$28,645	\$30,390	\$1,745	6.09%
22	AGA/Revenue Credit	--			\$2,928	\$2,928	\$0	0.00%
23	Total Commercial & Industrial & OSPA		101,542	16,931,257	\$1,208,434	\$1,250,954	\$42,520	3.52%
24	Total Commercial & Industrial (excluding Contracts 2, AGA)		101,541	16,135,458	\$1,170,443	\$1,212,964	\$42,520	3.63%
Public Street Lighting								
25	Security Area Lighting	7	8,046	12,441	\$2,999	\$2,999	\$0	0.00%
26	Street Lighting - Company Owned	11	809	16,496	\$4,979	\$4,979	\$0	0.00%
27	Street Lighting - Customer Owned	12	839	56,517	\$4,145	\$4,145	\$0	0.00%
28	Traffic Signal Systems	15	2,466	6,178	\$682	\$730	\$48	7.09%
29	Metered Outdoor Lighting	15	515	17,536	\$1,235	\$1,235	\$0	0.00%
30	<i>Subtotal Public Street Lighting</i>		12,675	109,168	\$14,040	\$14,088	\$48	0.34%
31	Security Area Lighting-Contracts (PTL)	--	5	8	\$1	\$1	\$0	0.00%
32	AGA/Revenue Credit	--			\$5	\$5	\$0	0.00%
33	Total Public Street Lighting		12,680	109,176	\$14,045	\$14,094	\$48	0.34%
34	Total Sales to Ultimate Customers		854,859	23,244,285	\$1,884,107	\$1,960,360	\$76,252	4.05%
35	Total Sales to Ultimate Customers (excluding Contract 2, AGA)		854,853	22,448,479	\$1,846,079	\$1,922,331	\$76,252	4.13%

Rocky Mountain Power
Exhibit RMP__(JRS-5)
Docket No. 13-035-184
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 Prices and Billing Determinants

January 2014

Price Summary
Rocky Mountain Power - State of Utah

	Present Price	Proposed Price
Schedule No. 1- Residential Service		
Customer Charge - 1 Phase	\$5.00	\$8.00
Customer Charge - 3 Phase	\$10.00	\$16.00
Net Metering Facilities Charge		\$4.25
First 400 kWh (May-Sept)	8.8498 ¢	8.9412 ¢
Next 600 kWh (May-Sept)	11.5429 ¢	11.6621 ¢
All add'l kWh (May-Sept)	14.4508 ¢	14.6000 ¢
All kWh (Oct-Apr)		
<i>First 400 kWh (Oct-Apr)</i>	8.8498 ¢	8.9412 ¢
<i>All add'l kWh (Oct-Apr)</i>	9.8913 ¢	9.9934 ¢
Minimum 1 Phase	\$7.00	\$15.00
Minimum 3 Phase	\$14.00	\$30.00
Minimum Seasonal	\$84.00	\$180.00
 Schedule No. 3- Residential Service - Low Income Lifeline Program		
Customer Charge - 1 Phase	\$5.00	\$8.00
Customer Charge - 3 Phase	\$10.00	\$16.00
Net Metering Facilities Charge		\$4.25
First 400 kWh (May-Sept)	8.8498 ¢	8.9412 ¢
Next 600 kWh (May-Sept)	11.5429 ¢	11.6621 ¢
All add'l kWh (May-Sept)	14.4508 ¢	14.6000 ¢
All kWh (Oct-Apr)		
<i>First 400 kWh (Oct-Apr)</i>	8.8498 ¢	8.9412 ¢
<i>All add'l kWh (Oct-Apr)</i>	9.8913 ¢	9.9934 ¢
Minimum 1 Phase	\$7.00	\$15.00
Minimum 3 Phase	\$14.00	\$30.00
Minimum Seasonal	\$84.00	\$180.00
Low Income Lifeline Credit	\$11.00	\$12.60
Life Support Assistance Credit	\$10.00	\$10.00
 Schedule No. 2 - Residential Service - Optional Time-of-Day		
Customer Charge - 1 Phase	\$5.00	\$8.00
Customer Charge - 3 Phase	\$10.00	\$16.00
Net Metering Facilities Charge		\$4.25
On-Peak kWh (May - Sept)	4.3560 ¢	4.3560 ¢
Off-Peak kWh (May - Sept)	(1.6334) ¢	(1.6334) ¢
First 400 kWh (May-Sept)	8.8498 ¢	8.9412 ¢
Next 600 kWh (May-Sept)	11.5429 ¢	11.6621 ¢
All add'l kWh (May-Sept)	14.4508 ¢	14.6000 ¢
All kWh (Oct-Apr)		
<i>First 400 kWh (Oct-Apr)</i>	8.8498 ¢	8.9412 ¢
<i>All add'l kWh (Oct-Apr)</i>	9.8913 ¢	9.9934 ¢
Minimum 1 Phase	\$7.00	\$15.00
Minimum 3 Phase	\$14.00	\$30.00
Minimum Seasonal	\$84.00	\$180.00
 Schedule No. 6		
Customer Charge	\$54.00	\$55.00
All kW (May - Sept)	\$18.12	\$18.50

Price Summary
Rocky Mountain Power - State of Utah

	Present Price	Proposed Price
All kW (Oct - Apr)	\$14.54	\$14.84
Voltage Discount	(\$0.93)	(\$0.95)
All kWh		
kWh (May - Sept)	3.8127 ¢	3.8926 ¢
kWh (Oct - Apr)	3.5143 ¢	3.5892 ¢
Seasonal Service	\$648.00	\$660.00

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

Customer Charge	\$54.00	\$55.00
All On-peak kW (May - Sept)	\$18.12	\$18.50
All On-peak kW (Oct - Apr)	\$14.54	\$14.84
Voltage Discount	(\$0.93)	(\$0.95)
All kWh		
kWh (May-Sept)	3.8127 ¢	3.8926 ¢
kWh (Oct-Apr)	3.5143 ¢	3.5892 ¢
Seasonal Service	\$648.00	\$660.00

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

Customer Charge	\$54.00	\$55.00
Facilities kW (May - Sept)	\$6.41	\$6.54
Facilities kW (Oct - Apr)	\$5.38	\$5.49
Voltage Discount	(\$0.60)	(\$0.61)
On-Peak kWh (May - Sept)	11.7307 ¢	11.9773 ¢
Off-Peak kWh (May - Sept)	3.5318 ¢	3.6060 ¢
On-Peak kWh (Oct - Apr)	9.8056 ¢	10.0117 ¢
Off-Peak kWh (Oct - Apr)	2.9603 ¢	3.0321 ¢

Schedule No. 7 - Security Area Lighting

<i>MERCURY VAPOR LAMPS</i>		
4,000 Lumen Energy Only	\$5.68	\$5.68
7,000 Lumen	\$16.38	\$16.38
7,000 Lumen Energy Only	\$8.05	\$8.05
20,000 Lumen	\$26.78	\$26.78
<i>SODIUM VAPOR LAMPS</i>		
5,600 Lumen New Pole	\$14.60	\$14.60
5,600 Lumen No New Pole	\$12.23	\$12.23
9,500 Lumen New Pole	\$15.47	\$15.47
9,500 Lumen No New Pole	\$13.31	\$13.31
16,000 Lumen New Pole	\$19.46	\$19.46
16,000 Lumen No New Pole	\$17.13	\$17.13
22,000 Lumen	\$21.07	\$21.07
27,500 Lumen New Pole	\$23.51	\$23.51
27,500 Lumen No New Pole	\$21.23	\$21.23
50,000 Lumen New Pole	\$28.30	\$28.30
50,000 Lumen No New Pole	\$25.99	\$25.99
<i>SODIUM VAPOR FLOOD LAMPS</i>		
16,000 Lumen New Pole	\$19.46	\$19.46
16,000 Lumen No New Pole	\$17.13	\$17.13
27,500 Lumen New Pole	\$23.51	\$23.51

Price Summary
Rocky Mountain Power - State of Utah

	Present Price	Proposed Price
27,500 Lumen No New Pole	\$21.23	\$21.23
50,000 Lumen New Pole	\$28.30	\$28.30
50,000 Lumen No New Pole	\$25.99	\$25.99
<i>METAL HALIDE LAMPS</i>		
12,000 Lumen New Pole	\$29.40	\$29.40
12,000 Lumen No New Pole	\$21.79	\$21.79
19,500 Lumen New Pole	\$34.34	\$34.34
19,500 Lumen No New Pole	\$27.43	\$27.43
32,000 Lumen New Pole	\$36.69	\$36.69
32,000 Lumen No New Pole	\$29.72	\$29.72
107,000 Lumen New Pole	\$57.58	\$57.58
107,000 Lumen No New Pole	\$49.10	\$49.10
 Schedule No. 8		
Customer Charge	\$68.00	\$71.00
Facilities kW	\$4.62	\$4.81
On-Peak kW (May - Sept)	\$15.10	\$15.72
On-Peak kW (Oct - Apr)	\$10.87	\$11.31
Voltage Discount	(\$1.10)	(\$1.14)
On-Peak kWh (May - Sept)	4.8999 ¢	5.1003 ¢
On-Peak kWh (Oct - Apr)	3.8356 ¢	3.9925 ¢
Off-Peak kWh	3.3019 ¢	3.4364 ¢
 Schedule No. 9		
Customer Charge	\$247.00	\$262.00
Facilities kW	\$2.12	\$2.24
On-Peak kW (May - Sept)	\$13.32	\$14.06
On-Peak kW (Oct - Apr)	\$9.03	\$9.53
On-Peak kWh (May-Sept)	4.4379 ¢	4.6836 ¢
On-Peak kWh (Oct-Apr)	3.3371 ¢	3.5219 ¢
Off-Peak kWh	2.7873 ¢	2.9416 ¢
 Schedule No. 9A - Energy TOD		
Customer Charge	\$247.00	\$262.00
Facilities Charge per kW	\$2.12	\$2.24
On-Peak kWh	8.2002 ¢	8.7064 ¢
Off-Peak kWh	3.5251 ¢	3.7428 ¢
 Schedule No. 10 - Irrigation		
Annual Cust. Serv. Chg. - Primary	\$121.00	\$128.00
Annual Cust. Serv. Chg. - Secondary	\$37.00	\$39.00
Monthly Cust. Serv. Chg.	\$14.00	\$15.00
All On-Season kW	\$7.04	\$7.47
Voltage Discount	(\$1.97)	(\$2.09)
First 30,000 kWh	7.0156 ¢	7.4418 ¢
All add'l kWh	5.1855 ¢	5.5005 ¢
Post Season		
Customer Charge	\$14.00	\$15.00
kWh	4.8055 ¢	5.0974 ¢

Price Summary
Rocky Mountain Power - State of Utah

	<u>Present Price</u>	<u>Proposed Price</u>
Schedule No. 10-TOD		
Annual Cust. Serv. Chg. - Primary	\$121.00	\$128.00
Annual Cust. Serv. Chg. - Secondary	\$37.00	\$39.00
Monthly Cust. Serv. Chg.	\$14.00	\$15.00
All On-Season kW	\$7.04	\$7.47
Voltage Discount kW	(\$1.97)	(\$2.09)
On-Peak kWh	13.8603 ¢	14.7023 ¢
Off-Peak kWh	4.0252 ¢	4.2604 ¢
Post Season		
Customer Charge	\$14.00	\$15.00
kWh	4.8055 ¢	5.0974 ¢
Schedule No. 11 - Street Lighting - Company-Owned System		
<i>Sodium Vapor Lamps (HPS)</i>		
5,600 Lumen - Functional	\$11.80	\$11.80
9,500 Lumen - Functional	\$12.78	\$12.78
9,500 Lumen - Functional @ 90%	\$11.50	\$11.50
9,500 Lumen - S1	\$46.54	\$46.54
9,500 Lumen - S2	\$38.05	\$38.05
16,000 Lumen - Functional	\$16.94	\$16.94
16,000 Lumen - Functional @ 90%	\$15.25	\$15.25
16,000 Lumen - S1	\$47.83	\$47.83
16,000 Lumen - S2	\$39.34	\$39.34
27,500 Lumen - Functional	\$21.14	\$21.14
27,500 Lumen - Functional @ 90%	\$19.03	\$19.03
27,500 Lumen - S1	\$51.48	\$51.48
27,500 Lumen - S2	\$43.01	\$43.01
50,000 Lumen - Functional	\$26.02	\$26.02
125,000 Lumen	\$51.54	\$51.54
<i>Metal Halide Lamps (MH)</i>		
9,000 Lumen - S1	\$48.74	\$48.74
9,000 Lumen - S2	\$40.27	\$40.27
12,000 Lumen - Functional	\$20.13	\$20.13
12,000 Lumen - S1	\$50.65	\$50.65
12,000 Lumen - S2	\$42.17	\$42.17
19,500 Lumen - Functional	\$22.13	\$22.13
19,500 Lumen - S1	\$53.69	\$53.69
19,500 Lumen - S2	\$45.20	\$45.20
32,000 Lumen - Functional	\$25.78	\$25.78
32,000 Lumen - S1	\$55.33	\$55.33
32,000 Lumen - S2	\$46.86	\$46.86
<i>Mercury Vapor Lamps (No New Service) (MV)</i>		
4,000 Lumen	\$11.09	\$11.09
7,000 Lumen	\$13.83	\$13.83
10,000 Lumen	\$19.40	\$19.40
10,000 Lumen @ 90%	\$17.46	\$17.46
20,000 Lumen	\$24.43	\$24.43
<i>Incandescent Lamps (No New Service) (INC)</i>		

Price Summary
Rocky Mountain Power - State of Utah

	Present Price	Proposed Price
500 Lumen	\$11.99	\$11.99
600 Lumen	\$4.24	\$4.24
2,500 Lumen	\$17.11	\$17.11
4,000 Lumen	\$20.43	\$20.43
6,000 Lumen	\$23.82	\$23.82
10,000 Lumen	\$31.47	\$31.47
<i>Fluorescent Lamps (No New Service) (FLOUR)</i>		
21,000 Lumen	\$27.85	\$27.85
<i>Special Service (No New Service)</i>		
50,000 Lumen - Flood	\$39.04	\$39.04

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

1. Energy Only, No Maintenance

High Pressures Sodium Vapor Lamps

5,600 Lumen	\$1.83	\$1.83
9,500 Lumen	\$2.50	\$2.50
16,000 Lumen	\$3.66	\$3.66
27,500 Lumen	\$6.52	\$6.52
50,000 Lumen	\$10.02	\$10.02

Metal Halide Lamps

9,000 Lumen	\$2.55	\$2.55
12,000 Lumen	\$4.46	\$4.46
19,500 Lumen	\$6.17	\$6.17
32,000 Lumen	\$9.77	\$9.77

Non-listed Luminaries kWh

6.5279 ¢ 6.5279 ¢

2a - Partial Maintenance (No New Service)

Incandescent Lamps

2,500 Lumen or Less	\$8.96	\$8.96
4,000 Lumen	\$12.19	\$12.19

Mercury Vapor Lamps

4,000 Lumen	\$4.64	\$4.64
7,000 Lumen	\$7.00	\$7.00
20,000 Lumen	\$13.33	\$13.33
54,000 Lumen	\$28.38	\$28.38

High Pressure Sodium Vapor Lamps

5,600 Lumen	\$4.08	\$4.08
9,500 Lumen	\$5.37	\$5.37
9,500 Lumen - Decorative	\$6.96	\$6.96
16,000 Lumen	\$6.52	\$6.52
16,000 Lumen - Decorative	\$8.27	\$8.27
22,000 Lumen	\$8.26	\$8.26
27,500 Lumen	\$9.59	\$9.59
27,500 Lumen - Decorative	\$11.93	\$11.93
50,000 Lumen	\$14.00	\$14.00
50,000 Lumen - Decorative	\$15.56	\$15.56

Metal Halide Lamps

9,000 Lumen - Decorative	\$9.19	\$9.19
12,000 Lumen	\$13.57	\$13.57
12,000 Lumen - Decorative	\$11.09	\$11.09

Price Summary
Rocky Mountain Power - State of Utah

	Present Price	Proposed Price
19,500 Lumen	\$13.71	\$13.71
19,500 Lumen - Decorative	\$14.13	\$14.13
32,000 Lumen	\$14.58	\$14.58
32,000 Lumen - Decorative	\$15.79	\$15.79
<i>Fluorescent Lamps</i>		
1,000 Lumen	\$3.75	\$3.75
21,800 Lumen	\$13.92	\$13.92
2b - Full Maintenance (No New Service)		
<i>Incandescent Lamps</i>		
6,000 Lumen	\$17.73	\$17.73
10,000 Lumen	\$23.40	\$23.40
<i>Mercury Vapor Lamps</i>		
7,000 Lumen	\$8.03	\$8.03
20,000 Lumen	\$15.30	\$15.30
54,000 Lumen	\$32.48	\$32.48
<i>Sodium Vapor Lamps</i>		
5,600 Lumen	\$4.68	\$4.68
9,500 Lumen	\$6.16	\$6.16
16,000 Lumen	\$7.47	\$7.47
22,000 Lumen	\$9.44	\$9.44
27,500 Lumen	\$10.99	\$10.99
50,000 Lumen	\$16.02	\$16.02
<i>Metal Halide Lamps</i>		
12,000 Lumen	\$15.58	\$15.58
19,500 Lumen	\$15.73	\$15.73
32,000 Lumen	\$16.72	\$16.72
107,000 Lumen	\$33.05	\$33.05
Schedule 15.1 - Metered Outdoor Nighttime Lighting		
Annual Facility Charge	\$11.00	\$11.00
Annual Customer Charge	\$72.50	\$72.50
Annual Minimum Charge	\$127.50	\$127.50
Monthly Customer Charge	\$6.20	\$6.20
All kWh	5.3437 ¢	5.3437 ¢
Schedule 15.2 - Traffic Signal Systems		
Customer Charge	\$5.50	\$6.00
All kWh	8.4049 ¢	8.9482 ¢
Schedule No. 21 - Electric Furnace Operations - Limited Service		
<u>Primary Voltage</u>		
Customer Charge	\$121.00	\$128.00
Charge per kW (Facilities)	\$4.10	\$4.35
First 100,000 kWh	6.5264 ¢	6.9243 ¢
All add'l kWh	5.4799 ¢	5.8140 ¢
<u>44KV or Higher</u>		
Customer Charge	\$121.00	\$128.00
Charge per kW (Facilities)	\$4.10	\$4.35
First 100,000 kWh	5.1346 ¢	5.4476 ¢

Price Summary
Rocky Mountain Power - State of Utah

	Present Price	Proposed Price
All add'l kWh	4.4977 ¢	4.7714 ¢
Schedule No. 23 - Composite		
Customer Charge	\$10.00	\$11.00
kW over 15 (May - Sept)	\$8.55	\$8.75
kW over 15 (Oct - Apr)	\$8.60	\$8.80
Voltage Discount	(\$0.48)	(\$0.49)
First 1,500 kWh (May - Sept)	11.6096 ¢	11.9062 ¢
All Add'l kWh (May - Sept)	6.5088 ¢	6.6751 ¢
First 1,500 kWh (Oct - Apr)	10.6859 ¢	10.9589 ¢
All Add'l kWh (Oct - Apr)	5.9947 ¢	6.1519 ¢
Seasonal Service	\$120.00	\$132.00
Schedule No.31 - Composite		
<u>Secondary Voltage</u>		
Customer Charge per month	\$127.00	\$136.00
Facilities Charge, per kW month	\$4.66	\$8.06
Back-up Power Charge		
Regular, per On-Peak kW day	\$0.6419	
May - Sept		\$0.51
Oct - Apr		\$0.33
Maintenance, per On-Peak kW day	\$0.3210	
May - Sept		\$0.255
Oct - Apr		\$0.165
Excess Power, per kW month	\$60.48	
May - Sept		\$41.06
Oct - Apr		\$32.24
<u>Primary Voltage</u>		
Customer Charge per month	\$577.00	\$617.00
Facilities Charge, per kW month	\$3.66	\$6.92
Back-up Power Charge		
Regular, per On-Peak kW day	\$0.6248	
May - Sept		\$0.50
Oct - Apr		\$0.32
Maintenance, per On-Peak kW day	\$0.3124	
May - Sept		\$0.250
Oct - Apr		\$0.160
Excess Power, per kW month	\$43.59	
May - Sept		\$38.78
Oct - Apr		\$29.96
<u>Transmission Voltage</u>		
Customer Charge per month	\$646.00	\$691.00
Facilities Charge, per kW month	\$2.08	\$5.79
Back-up Power Charge		
Regular, per On-Peak kW day	\$0.4906	
May - Sept		\$0.41
Oct - Apr		\$0.23
Maintenance, per On-Peak kW day	\$0.2453	
May - Sept		\$0.205

Price Summary
Rocky Mountain Power - State of Utah

	Present Price	Proposed Price
Oct - Apr		\$0.115
Excess Power, per kW month	\$41.97	
May - Sept		\$32.60
Oct - Apr		\$23.54
 Contract 1		
Customer Charge		
kW High Load Hours		
kWh High Load Hours		
kWh Low Load Hours		
Total	=====	=====
 Contract 2		
Customer Charge		
Interruptible kWh		
Total	=====	=====
 Contract 3		
Customer Charge	\$646.00	\$691.00
Facilities Charge per kW - Back-Up	\$2.08	\$5.79
kW Back-Up		
Regular, per On-Peak kW day	\$0.4906	
May - Sept		\$0.41
Oct - Apr		\$0.23
Maintenance, per On-Peak kW day	\$0.2453	
May - Sept		\$0.205
Oct - Apr		\$0.115
Excess Power, per kW month	\$41.97	
May - Sept		\$32.60
Oct - Apr		\$23.54
kW Supplemental		
On-Peak kW (May - Sept)	\$13.32	\$14.06
On-Peak kW (Oct - Apr)	\$9.03	\$9.53
kWh Supplemental		
On-Peak kWh (May-Sept)	4.4379 ¢	4.6836 ¢
On-Peak kWh (Oct-Apr)	3.3371 ¢	3.5219 ¢
Off-Peak kWh	2.7873 ¢	2.9416 ¢
 Lighting Contract - Post Top Lighting		
Energy Only Res	\$2.18	\$2.18
Energy Only Non-Res	\$2.1858	\$2.1858

Rocky Mountain Power - State of Utah
Blocking Based on Adjusted Actuals and Forecasted Loads
Base Period 12 Months Ending June 2013
Forecast Test Period 12 Months Ending June 2015

	Adjusted Actual Units	Forecasted Units	Present Price	Present Revenue Dollars	Forecasted Revenue Dollars	Proposed Price	Proposed Revenue Dollars
Schedule No. 1- Residential Service							
Total Customer	8,288,818	8,511,800					
Customer Charge - 1 Phase	8,178,756	8,398,777	\$5.00	\$40,893,779	\$41,993,885	\$8.00	\$67,190,216
Customer Charge - 3 Phase	13,725	14,094	\$10.00	\$137,247	\$140,940	\$16.00	\$225,504
Net Metering Facilities Charge	15,271	23,932				\$4.25	\$101,711
First 400 kWh (May-Sept)	1,250,372,046	1,274,636,742	8.8498 ¢	\$110,655,425	\$112,802,802	8.9412 ¢	\$113,967,820
Next 600 kWh (May-Sept)	1,050,489,521	1,040,456,011	11.5429 ¢	\$121,256,955	\$120,098,797	11.6621 ¢	\$121,339,020
All add'l kWh (May-Sept)	481,216,949	358,873,906	14.4508 ¢	\$69,539,699	\$51,860,150	14.6000 ¢	\$52,395,590
All kWh (Oct-Apr)							
<i>First 400 kWh (Oct-Apr)</i>	1,684,934,772	1,613,094,234	8.8498 ¢	\$149,113,357	\$142,755,614	8.9412 ¢	\$144,229,982
<i>All add'l kWh (Oct-Apr)</i>	1,780,869,603	1,704,644,903	9.8913 ¢	\$176,151,155	\$168,611,541	9.9934 ¢	\$170,351,984
Minimum 1 Phase	96,176	98,763	\$7.00	\$673,230	\$691,341	\$15.00	\$1,481,445
Minimum 3 Phase	162	166	\$14.00	\$2,264	\$2,324	\$30.00	\$4,980
Minimum Seasonal	0	0	\$84.00	\$0	\$0	\$180.00	\$0
kWh in Minimum	522,914	501,472					
kWh in Minimum - Summer	232,521	223,485					
kWh in Minimum - Winter	290,393	277,987					
Unbilled	(9,826,431)	0		\$1,515,669	\$0		\$0
Total	6,238,579,373	5,992,207,269		\$669,938,780	\$638,957,394		\$671,288,252
Schedule No. 3- Residential Service - Low Income Lifeline Program							
Total Customer	350,395	370,465					
Customer Charge - 1 Phase	349,441	369,457	\$5.00	\$1,747,206	\$1,847,285	\$8.00	\$2,955,656
Customer Charge - 3 Phase	243	257	\$10.00	\$2,433	\$2,570	\$16.00	\$4,112
Net Metering Facilities Charge	0	0				\$4.25	\$0
First 400 kWh (May-Sept)	50,259,519	47,435,117	8.8498 ¢	\$4,447,867	\$4,197,913	8.9412 ¢	\$4,241,269
Next 600 kWh (May-Sept)	34,562,070	31,907,309	11.5429 ¢	\$3,989,465	\$3,683,029	11.6621 ¢	\$3,721,062
All add'l kWh (May-Sept)	11,726,557	10,205,740	14.4508 ¢	\$1,694,581	\$1,474,811	14.6000 ¢	\$1,490,038
All kWh (Oct-Apr)							
<i>First 400 kWh (Oct-Apr)</i>	69,002,025	64,598,419	8.8498 ¢	\$6,106,541	\$5,716,831	8.9412 ¢	\$5,775,874
<i>All add'l kWh (Oct-Apr)</i>	58,012,180	54,308,077	9.8913 ¢	\$5,738,159	\$5,371,775	9.9934 ¢	\$5,427,223
Minimum 1 Phase	710	751	\$7.00	\$4,970	\$5,257	\$15.00	\$11,265
Minimum 3 Phase	0	0	\$14.00	\$0	\$0	\$30.00	\$0
Minimum Seasonal	0	0	\$84.00	\$0	\$0	\$180.00	\$0
kWh in Minimum	4,559	4,249					
kWh in Minimum - Summer	2,203	2,043					
kWh in Minimum - Winter	2,356	2,206					
Unbilled	(351,850)	0		\$53,425	\$0		\$0
Total	223,215,060	208,458,911		\$23,784,647	\$22,299,471		\$23,626,499
Schedule No. 2 - Residential Service - Optional Time-of-Day							
Total Customer	5,005	5,364					
Customer Charge - 1 Phase	4,892	5,243	\$5.00	\$24,460	\$26,215	\$8.00	\$41,944
Customer Charge - 3 Phase	0	0	\$10.00	\$0	\$0	\$16.00	\$0
Net Metering Facilities Charge	756	1,185				\$4.25	\$5,036
On-Peak kWh (May - Sept)	278,282	280,149	4.3560 ¢	\$12,122	\$12,203	4.3560 ¢	\$12,203
Off-Peak kWh (May - Sept)	948,230	954,590	(1.6334) ¢	(\$15,488)	(\$15,592)	(1.6334) ¢	(\$15,592)
First 400 kWh (May-Sept)	666,677	675,062	8.8498 ¢	\$59,000	\$59,742	8.9412 ¢	\$60,359
Next 600 kWh (May-Sept)	463,113	474,415	11.5429 ¢	\$53,457	\$54,761	11.6621 ¢	\$55,327
All add'l kWh (May-Sept)	195,923	185,128	14.4508 ¢	\$28,312	\$26,752	14.6000 ¢	\$27,029
All kWh (Oct-Apr)							
<i>First 400 kWh (Oct-Apr)</i>	962,950	912,816	8.8498 ¢	\$85,219	\$80,782	8.9412 ¢	\$81,617
<i>All add'l kWh (Oct-Apr)</i>	989,937	937,823	9.8913 ¢	\$97,918	\$92,763	9.9934 ¢	\$93,720
Minimum 1 Phase	113	121	\$7.00	\$793	\$847	\$15.00	\$1,815
Minimum 3 Phase	0	0	\$14.00	\$0	\$0	\$30.00	\$0
Minimum Seasonal	0	0	\$84.00	\$0	\$0	\$180.00	\$0
kWh in Minimum	444	428					
kWh in Minimum - Summer	117	118					
kWh in Minimum - Winter	327	310					
Unbilled	(5,126)	0		\$774	\$0		\$0
Total	3,273,918	3,185,671		\$346,567	\$338,473		\$363,458
Schedule No. 6 - Composite							
Customer Charge	153,104	156,864	\$54.00	\$8,267,624	\$8,470,675	\$55.00	\$8,627,539
All kW (May - Sept)	7,459,751	7,568,683	\$18.12	\$135,170,681	\$137,144,536	\$18.50	\$140,020,636
All kW (Oct - Apr)	8,880,075	9,009,450	\$14.54	\$129,116,289	\$130,997,403	\$14.84	\$133,700,238
Voltage Discount	668,515	679,134	(\$0.93)	(\$621,719)	(\$631,595)	(\$0.95)	(\$645,177)
All kWh	5,685,942,185	5,783,806,261					
kWh (May - Sept)	2,510,869,936	2,573,577,152	3.8127 ¢	\$95,731,938	\$98,122,776	3.8926 ¢	\$100,179,064
kWh (Oct - Apr)	3,175,072,250	3,210,229,109	3.5143 ¢	\$111,581,564	\$112,874,827	3.5892 ¢	\$115,221,543
Seasonal Service	0	0	\$648.00	\$0	\$0	\$660.00	\$0
Unbilled	16,138,170	0		\$3,002,117	\$0		\$0

Rocky Mountain Power - State of Utah
 Blocking Based on Adjusted Actuals and Forecasted Loads
 Base Period 12 Months Ending June 2013
 Forecast Test Period 12 Months Ending June 2015

	Adjusted Actual Units	Forecasted Units	Present Price	Present Revenue Dollars	Forecasted Revenue Dollars	Proposed Price	Proposed Revenue Dollars
Total	5,702,080,355	5,783,806,261		\$482,248,494	\$486,920,877		\$497,103,843
Schedule No. 6B - Demand Time-of-Day Option - Composite							
Customer Charge	415	438	\$54.00	\$22,403	\$23,652	\$55.00	\$24,090
All On-peak kW (May - Sept)	15,093	6,224	\$18.12	\$273,489	\$112,779	\$18.50	\$115,144
All On-peak kW (Oct - Apr)	10,682	4,264	\$14.54	\$155,323	\$61,999	\$14.84	\$63,278
Voltage Discount	0	0	(\$0.93)	\$0	\$0	(\$0.95)	\$0
All kWh	9,238,803	3,907,497					
kWh (May-Sept)	5,798,006	1,628,124	3.8127 ¢	\$221,061	\$62,075	3.8926 ¢	\$63,376
kWh (Oct-Apr)	3,440,797	2,279,373	3.5143 ¢	\$120,920	\$80,104	3.5892 ¢	\$81,811
Seasonal Service	0	0	\$648.00	\$0	\$0	\$660.00	\$0
Unbilled	39,551	0		\$5,559	\$0		\$0
Total	9,278,354	3,907,497		\$798,755	\$340,609		\$347,699
Schedule No. 6A - Energy Time-of-Day Option - Composite							
Customer Charge	26,414	27,307	\$54.00	\$1,426,362	\$1,474,578	\$55.00	\$1,501,885
Facilities kW (May - Sept)	905,589	918,610	\$6.41	\$5,804,828	\$5,888,290	\$6.54	\$6,007,709
Facilities kW (Oct - Apr)	1,045,713	1,059,783	\$5.38	\$5,625,936	\$5,701,633	\$5.49	\$5,818,209
Voltage Discount	38,013	39,296	(\$0.60)	(\$22,808)	(\$23,578)	(\$0.61)	(\$23,971)
On-Peak kWh (May - Sept)	62,998,551	62,251,233	11.7307 ¢	\$7,390,171	\$7,302,505	11.9773 ¢	\$7,456,017
Off-Peak kWh (May - Sept)	60,383,058	59,556,790	3.5318 ¢	\$2,132,609	\$2,103,427	3.6060 ¢	\$2,147,618
On-Peak kWh (Oct - Apr)	88,191,644	90,625,426	9.8056 ¢	\$8,647,720	\$8,886,367	10.0117 ¢	\$9,073,146
Off-Peak kWh (Oct - Apr)	78,568,337	79,597,650	2.9603 ¢	\$2,325,858	\$2,356,329	3.0321 ¢	\$2,413,480
Unbilled	1,010,522	0		\$225,646	\$0		\$0
Total	291,152,112	292,031,100		\$33,556,322	\$33,689,551		\$34,394,093
Schedule No. 7 - Security Area Lighting - Composite							
<i>MERCURY VAPOR LAMPS</i>							
4,000 Lumen Energy Only	24	24	\$5.68	\$136	\$136	\$5.68	\$136.00
7,000 Lumen	44,778	45,001	\$16.38	\$733,467	\$737,116	\$16.38	\$737,116
7,000 Lumen Energy Only	0	0	\$8.05	\$0	\$0	\$8.05	\$0
20,000 Lumen	10,688	10,830	\$26.78	\$286,221	\$290,027	\$26.78	\$290,027
<i>SODIUM VAPOR LAMPS</i>							
5,600 Lumen New Pole	3,583	3,563	\$14.60	\$52,314	\$52,020	\$14.60	\$52,020
5,600 Lumen No New Pole	1,751	1,746	\$12.23	\$21,416	\$21,354	\$12.23	\$21,354
9,500 Lumen New Pole	23,400	23,403	\$15.47	\$362,002	\$362,044	\$15.47	\$362,044
9,500 Lumen No New Pole	23,150	23,123	\$13.31	\$308,124	\$307,767	\$13.31	\$307,767
16,000 Lumen New Pole	2,649	2,646	\$19.46	\$51,542	\$51,491	\$19.46	\$51,491
16,000 Lumen No New Pole	2,590	2,564	\$17.13	\$44,364	\$43,921	\$17.13	\$43,921
22,000 Lumen	120	114	\$21.07	\$2,532	\$2,402	\$21.07	\$2,402
27,500 Lumen New Pole	3,112	3,134	\$23.51	\$73,159	\$73,680	\$23.51	\$73,680
27,500 Lumen No New Pole	4,149	4,178	\$21.23	\$88,074	\$88,699	\$21.23	\$88,699
50,000 Lumen New Pole	1,236	1,248	\$28.30	\$34,988	\$35,318	\$28.30	\$35,318
50,000 Lumen No New Pole	2,462	2,456	\$25.99	\$63,995	\$63,831	\$25.99	\$63,831
<i>SODIUM VAPOR FLOOD LAMPS</i>							
16,000 Lumen New Pole	4,644	4,670	\$19.46	\$90,364	\$90,878	\$19.46	\$90,878
16,000 Lumen No New Pole	4,959	4,976	\$17.13	\$84,955	\$85,239	\$17.13	\$85,239
27,500 Lumen New Pole	1,093	1,102	\$23.51	\$25,705	\$25,908	\$23.51	\$25,908
27,500 Lumen No New Pole	1,564	1,570	\$21.23	\$33,199	\$33,331	\$21.23	\$33,331
50,000 Lumen New Pole	9,584	9,734	\$28.30	\$271,218	\$275,472	\$28.30	\$275,472
50,000 Lumen No New Pole	11,643	11,772	\$25.99	\$302,593	\$305,954	\$25.99	\$305,954
<i>METAL HALIDE LAMPS</i>							
12,000 Lumen New Pole	0	0	\$29.40	\$0	\$0	\$29.40	\$0
12,000 Lumen No New Pole	264	265	\$21.79	\$5,753	\$5,774	\$21.79	\$5,774
19,500 Lumen New Pole	108	110	\$34.34	\$3,709	\$3,777	\$34.34	\$3,777
19,500 Lumen No New Pole	96	97	\$27.43	\$2,633	\$2,661	\$27.43	\$2,661
32,000 Lumen New Pole	456	469	\$36.69	\$16,731	\$17,208	\$36.69	\$17,208
32,000 Lumen No New Pole	625	630	\$29.72	\$18,583	\$18,724	\$29.72	\$18,724
107,000 Lumen New Pole	24	24	\$57.58	\$1,382	\$1,382	\$57.58	\$1,382
107,000 Lumen No New Pole	60	60	\$49.10	\$2,946	\$2,946	\$49.10	\$2,946
Subtotal	158,812	159,509		\$2,982,105	\$2,999,060		\$2,999,060
kWh Included	12,354,481	12,440,931					
Unbilled	23,732	0		\$16,062	\$0		\$0
Customers	7,790	8,046					
Total (kWh)	12,378,213	12,440,931		\$2,998,167	\$2,999,060		\$2,999,060
Schedule No. 8 - Composite							
Customer Charge	3,244	3,282	\$68.00	\$220,597	\$223,176	\$71.00	\$233,022
Facilities kW	4,767,330	5,010,201	\$4.62	\$22,025,064	\$23,147,129	\$4.81	\$24,099,067
On-Peak kW (May - Sept)	1,996,879	2,097,818	\$15.10	\$30,152,872	\$31,677,052	\$15.72	\$32,977,699
On-Peak kW (Oct - Apr)	2,627,273	2,761,958	\$10.87	\$28,558,461	\$30,022,483	\$11.31	\$31,237,745
Voltage Discount	2,023,347	2,132,830	(\$1.10)	(\$2,225,682)	(\$2,346,113)	(\$1.14)	(\$2,431,426)

Rocky Mountain Power - State of Utah
Blocking Based on Adjusted Actuals and Forecasted Loads
Base Period 12 Months Ending June 2013
Forecast Test Period 12 Months Ending June 2015

	Adjusted Actual Units	Forecasted Units	Present Price	Present Revenue Dollars	Forecasted Revenue Dollars	Proposed Price	Proposed Revenue Dollars
On-Peak kWh (May - Sept)	246,230,057	260,094,535	4.8999 ¢	\$12,065,027	\$12,744,372	5.1003 ¢	\$13,265,602
On-Peak kWh (Oct - Apr)	592,357,192	625,992,212	3.8356 ¢	\$22,720,452	\$24,010,557	3.9925 ¢	\$24,992,739
Off-Peak kWh	1,231,736,133	1,300,960,579	3.3019 ¢	\$40,670,695	\$42,956,417	3.4364 ¢	\$44,706,209
Unbilled	11,359,783	0		\$1,252,831	\$0		\$0
Total	2,081,683,165	2,187,047,326		\$155,440,317	\$162,435,073		\$169,080,657
Schedule No. 9 - Composite							
Customer Charge	1,798	1,791	\$247.00	\$444,202	\$442,377	\$262.00	\$469,242
Facilities kW	8,488,464	9,053,509	\$2.12	\$17,995,544	\$19,193,439	\$2.24	\$20,279,860
On-Peak kW (May - Sept)	3,482,091	3,715,246	\$13.32	\$46,381,452	\$49,487,077	\$14.06	\$52,236,359
On-Peak kW (Oct - Apr)	4,834,536	5,150,021	\$9.03	\$43,655,864	\$46,504,690	\$9.53	\$49,079,700
On-Peak kWh (May-Sept)	472,106,043	507,349,132	4.4379 ¢	\$20,951,594	\$22,515,647	4.6836 ¢	\$23,762,204
On-Peak kWh (Oct-Apr)	1,290,306,958	1,382,941,034	3.3371 ¢	\$43,058,833	\$46,150,125	3.5219 ¢	\$48,705,800
Off-Peak kWh	2,925,186,126	3,137,145,375	2.7873 ¢	\$81,533,713	\$87,441,653	2.9416 ¢	\$92,282,268
Unbilled	33,908,361	0		\$2,308,597	\$0		\$0
Total	4,721,507,488	5,027,435,541		\$256,329,799	\$271,735,008		\$286,815,433
Schedule No. 9A - Energy TOD - Composite							
Customer Charge	108	108	\$247.00	\$26,709	\$26,676	\$262.00	\$28,296
Facilities Charge per kW	222,732	235,118	\$2.12	\$472,192	\$498,450	\$2.24	\$526,664
On-Peak kWh	22,743,800	23,805,248	8.2002 ¢	\$1,865,037	\$1,952,078	8.7064 ¢	\$2,072,580
Off-Peak kWh	18,365,180	18,785,533	3.5251 ¢	\$647,391	\$662,209	3.7428 ¢	\$703,105
Unbilled	209,700	0		\$24,548	\$0		\$0
Total	41,318,680	42,590,781		\$3,035,877	\$3,139,413		\$3,330,645
Schedule No. 10 - Irrigation							
Annual Cust. Serv. Chg. - Primary	6	6	\$121.00	\$744	\$726	\$128.00	\$768
Annual Cust. Serv. Chg. - Secondary	2,706	2,778	\$37.00	\$100,122	\$102,798	\$39.00	\$108,355
Monthly Cust. Serv. Chg.	12,239	12,565	\$14.00	\$171,350	\$175,910	\$15.00	\$188,475
All On-Season kW	418,002	323,633	\$7.04	\$2,942,735	\$2,278,376	\$7.47	\$2,417,539
Voltage Discount	13,003	10,067	(\$1.97)	(\$25,616)	(\$19,832)	(\$2.09)	(\$21,040)
First 30,000 kWh	86,203,505	71,130,178	7.0156 ¢	\$6,047,693	\$4,990,209	7.4418 ¢	\$5,293,366
All add'l kWh	62,813,920	51,830,436	5.1855 ¢	\$3,257,216	\$2,687,667	5.5005 ¢	\$2,850,933
Total On Season	149,017,425	122,960,614		\$12,494,244	\$10,215,854		\$10,838,396
Post Season							
Customer Charge	5,734	5,886	\$14.00	\$80,272	\$82,404	\$15.00	\$88,290
kWh	60,804,984	50,172,778	4.8055 ¢	\$2,921,983	\$2,411,053	5.0974 ¢	\$2,557,507
Total Post Season	60,804,984	50,172,778		\$3,002,255	\$2,493,457		\$2,645,797
Unbilled	13,795,784	0		\$1,439,663	\$0		\$0
TOTAL RATE 10	223,618,193	173,133,392		\$16,936,162	\$12,709,311		\$13,484,193
Schedule No. 10-TOD							
Annual Cust. Serv. Chg. - Primary	5	5	\$121.00	\$605	\$605	\$128.00	\$640
Annual Cust. Serv. Chg. - Secondary	249	256	\$37.00	\$9,209	\$9,472	\$39.00	\$9,984
Monthly Cust. Serv. Chg.	1,112	1,143	\$14.00	\$15,573	\$16,002	\$15.00	\$17,145
All On-Season kW	48,488	37,541	\$7.04	\$341,355	\$264,289	\$7.47	\$280,431
Voltage Discount	1,339	1,037	(\$1.97)	(\$2,639)	(\$2,043)	(\$2.09)	(\$2,167)
On-Peak kWh	2,741,707	2,262,299	13.8603 ¢	\$380,009	\$313,561	14.7023 ¢	\$332,610
Off-Peak kWh	10,391,193	8,574,215	4.0252 ¢	\$418,266	\$345,129	4.2604 ¢	\$365,296
Total On Season	13,132,900	10,836,514		\$1,162,378	\$947,015		\$1,003,939
Post Season							
Customer Charge	555	570	\$14.00	\$7,765	\$7,980	\$15.00	\$8,550
kWh	7,174,632	5,920,094	4.8055 ¢	\$344,777	\$284,490	5.0974 ¢	\$301,771
Total Post Season	7,174,632	5,920,094		\$352,542	\$292,470		\$310,321
Unbilled	1,335,216	0		\$139,337	\$0		\$0
TOTAL RATE 10-TOD	21,642,748	16,756,608		\$1,654,257	\$1,239,485		\$1,314,260
Schedule No. 11 - Street Lighting - Company-Owned System							
<i>Sodium Vapor Lamps (HPS)</i>							
5,600 Lumen - Functional	34,632	34,757	\$11.80	\$408,655	\$410,133	\$11.80	\$410,133
9,500 Lumen - Functional	217,949	218,738	\$12.78	\$2,785,394	\$2,795,472	\$12.78	\$2,795,472
9,500 Lumen - Functional @ 90%	132	132	\$11.50	\$1,518	\$1,518	\$11.50	\$1,518
9,500 Lumen - S1	408	409	\$46.54	\$18,979	\$19,035	\$46.54	\$19,035
9,500 Lumen - S2	60	60	\$38.05	\$2,287	\$2,283	\$38.05	\$2,283
16,000 Lumen - Functional	21,081	21,158	\$16.94	\$357,119	\$358,417	\$16.94	\$358,417
16,000 Lumen - Functional @ 90%	96	96	\$15.25	\$1,466	\$1,464	\$15.25	\$1,464
16,000 Lumen - S1	2,412	2,421	\$47.83	\$115,366	\$115,796	\$47.83	\$115,796
16,000 Lumen - S2	883	886	\$39.34	\$34,729	\$34,855	\$39.34	\$34,855
27,500 Lumen - Functional	26,083	26,178	\$21.14	\$551,403	\$553,403	\$21.14	\$553,403
27,500 Lumen - Functional @ 90%	12	12	\$19.03	\$228	\$228	\$19.03	\$228
27,500 Lumen - S1	1,248	1,253	\$51.48	\$64,247	\$64,504	\$51.48	\$64,504
27,500 Lumen - S2	0	0	\$43.01	\$0	\$0	\$43.01	\$0

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	Adjusted Actual Units	Forecasted Units	Present Price	Present Revenue Dollars	Forecasted Revenue Dollars	Proposed Price	Proposed Revenue Dollars
50,000 Lumen - Functional	11,365	11,406	\$26.02	\$295,706	\$296,784	\$26.02	\$296,784
125,000 Lumen	0	0	\$51.54	\$0	\$0	\$51.54	\$0
<i>Metal Halide Lamps (MH)</i>							
9,000 Lumen - S1	36	36	\$48.74	\$1,755	\$1,755	\$48.74	\$1,755
9,000 Lumen - S2	600	602	\$40.27	\$24,162	\$24,243	\$40.27	\$24,243
12,000 Lumen - Functional	126	127	\$20.13	\$2,545	\$2,557	\$20.13	\$2,557
12,000 Lumen - S1	0	0	\$50.65	\$0	\$0	\$50.65	\$0
12,000 Lumen - S2	1,592	1,598	\$42.17	\$67,147	\$67,388	\$42.17	\$67,388
19,500 Lumen - Functional	384	386	\$22.13	\$8,502	\$8,542	\$22.13	\$8,542
19,500 Lumen - S1	41	41	\$53.69	\$2,205	\$2,201	\$53.69	\$2,201
19,500 Lumen - S2	364	365	\$45.20	\$16,440	\$16,498	\$45.20	\$16,498
32,000 Lumen - Functional	60	61	\$25.78	\$1,557	\$1,573	\$25.78	\$1,573
32,000 Lumen - S1	0	0	\$55.33	\$0	\$0	\$55.33	\$0
32,000 Lumen - S2	0	0	\$46.86	\$0	\$0	\$46.86	\$0
<i>Mercury Vapor Lamps (No New Service) (MV)</i>							
4,000 Lumen	3,268	3,279	\$11.09	\$36,237	\$36,364	\$11.09	\$36,364
7,000 Lumen	9,119	9,152	\$13.83	\$126,121	\$126,572	\$13.83	\$126,572
10,000 Lumen	185	186	\$19.40	\$3,592	\$3,608	\$19.40	\$3,608
10,000 Lumen @ 90%	0	0	\$17.46	\$0	\$0	\$17.46	\$0
20,000 Lumen	993	996	\$24.43	\$24,250	\$24,332	\$24.43	\$24,332
<i>Incandescent Lamps (No New Service) (INC)</i>							
500 Lumen	0	0	\$11.99	\$0	\$0	\$11.99	\$0
600 Lumen	144	145	\$4.24	\$611	\$615	\$4.24	\$615
2,500 Lumen	32	32	\$17.11	\$546	\$548	\$17.11	\$548
4,000 Lumen	161	162	\$20.43	\$3,290	\$3,310	\$20.43	\$3,310
6,000 Lumen	161	161	\$23.82	\$3,824	\$3,835	\$23.82	\$3,835
10,000 Lumen	24	24	\$31.47	\$755	\$755	\$31.47	\$755
<i>Fluorescent Lamps (No New Service) (FLOUR)</i>							
21,000 Lumen	12	12	\$27.85	\$334	\$334	\$27.85	\$334
<i>Special Service (No New Service)</i>							
50,000 Lumen - Flood	12	12	\$39.04	\$468	\$468	\$39.04	\$468
Subtotal	333,676	334,883		\$4,961,438	\$4,979,390		\$4,979,390
kWh Included	16,436,739	16,496,197					
Customers	817	809					
Unbilled	(154,687)	0		(\$51,241)	\$0		\$0
Total	16,282,052	16,496,197		\$4,910,197	\$4,979,390		\$4,979,390

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

1. Energy Only, No Maintenance

<i>High Pressures Sodium Vapor Lamps</i>							
5,600 Lumen	106,050	103,438	\$1.83	\$194,072	\$189,292	\$1.83	\$189,292
9,500 Lumen	163,021	159,006	\$2.50	\$407,554	\$397,515	\$2.50	\$397,515
16,000 Lumen	137,724	134,332	\$3.66	\$504,070	\$491,655	\$3.66	\$491,655
27,500 Lumen	49,512	48,293	\$6.52	\$322,819	\$314,870	\$6.52	\$314,870
50,000 Lumen	67,209	65,553	\$10.02	\$673,429	\$656,841	\$10.02	\$656,841
<i>Metal Halide Lamps</i>							
9,000 Lumen	6,750	6,583	\$2.55	\$17,211	\$16,787	\$2.55	\$16,787
12,000 Lumen	19,294	18,818	\$4.46	\$86,050	\$83,928	\$4.46	\$83,928
19,500 Lumen	28,996	28,281	\$6.17	\$178,903	\$174,494	\$6.17	\$174,494
32,000 Lumen	28,619	27,914	\$9.77	\$279,612	\$272,720	\$9.77	\$272,720
<i>Non-listed Luminaries kWh</i>	10,313,587	10,059,553	6.5279 ¢	\$673,261	\$656,678	6.5279 ¢	\$656,678
Subtotal kWh	50,907,472	49,653,570		\$3,336,981	\$3,254,780		\$3,254,780
Unbilled	(479,191)			(\$34,370)			
Total	50,428,281	49,653,570		\$3,302,611	\$3,254,780		\$3,254,780
Customer	530	519					

2a - Partial Maintenance (No New Service)

<i>Incandescent Lamps</i>							
2,500 Lumen or Less	77	76	\$8.96	\$692	\$681	\$8.96	\$681
4,000 Lumen	92	91	\$12.19	\$1,121	\$1,109	\$12.19	\$1,109
<i>Mercury Vapor Lamps</i>							
4,000 Lumen	48	47	\$4.64	\$223	\$218	\$4.64	\$218
7,000 Lumen	552	546	\$7.00	\$3,865	\$3,822	\$7.00	\$3,822
20,000 Lumen	142	140	\$13.33	\$1,886	\$1,866	\$13.33	\$1,866
54,000 Lumen	0	0	\$28.38	\$0	\$0	\$28.38	\$0
<i>High Pressure Sodium Vapor Lamps</i>							
5,600 Lumen	35,022	34,609	\$4.08	\$142,889	\$141,205	\$4.08	\$141,205
9,500 Lumen	15,819	15,632	\$5.37	\$84,946	\$83,944	\$5.37	\$83,944
9,500 Lumen - Decorative	8,922	8,817	\$6.96	\$62,100	\$61,366	\$6.96	\$61,366
16,000 Lumen	2,579	2,548	\$6.52	\$16,814	\$16,613	\$6.52	\$16,613
16,000 Lumen - Decorative	808	799	\$8.27	\$6,686	\$6,608	\$8.27	\$6,608
22,000 Lumen	0	0	\$8.26	\$0	\$0	\$8.26	\$0
27,500 Lumen	5,668	5,601	\$9.59	\$54,356	\$53,714	\$9.59	\$53,714
27,500 Lumen - Decorative	145	143	\$11.93	\$1,725	\$1,706	\$11.93	\$1,706

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	Adjusted Actual Units	Forecasted Units	Present Price	Present Revenue Dollars	Forecasted Revenue Dollars	Proposed Price	Proposed Revenue Dollars
50,000 Lumen	10,253	10,133	\$14.00	\$143,548	\$141,862	\$14.00	\$141,862
50,000 Lumen - Decorative	159	157	\$15.56	\$2,478	\$2,443	\$15.56	\$2,443
<i>Metal Halide Lamps</i>							
9,000 Lumen - Decorative	711	702	\$9.19	\$6,532	\$6,451	\$9.19	\$6,451
12,000 Lumen	1,636	1,617	\$13.57	\$22,205	\$21,943	\$13.57	\$21,943
12,000 Lumen - Decorative	228	225	\$11.09	\$2,529	\$2,495	\$11.09	\$2,495
19,500 Lumen	524	518	\$13.71	\$7,183	\$7,102	\$13.71	\$7,102
19,500 Lumen - Decorative	6,106	6,034	\$14.13	\$86,284	\$85,260	\$14.13	\$85,260
32,000 Lumen	550	544	\$14.58	\$8,023	\$7,932	\$14.58	\$7,932
32,000 Lumen - Decorative	677	669	\$15.79	\$10,693	\$10,564	\$15.79	\$10,564
<i>Fluorescent Lamps</i>							
1,000 Lumen	0	0	\$3.75	\$0	\$0	\$3.75	\$0
21,800 Lumen	84	83	\$13.92	\$1,169	\$1,155	\$13.92	\$1,155
Subtotal kWh	5,281,294	5,219,065		\$667,947	\$660,059		\$660,059
Unbilled	(49,724)			(\$6,893)			
Total	5,231,570	5,219,065		\$661,054	\$660,059		\$660,059
Customer	222	221					
2b - Full Maintenance (No New Service)							
<i>Incandescent Lamps</i>							
6,000 Lumen	36	36	\$17.73	\$638	\$638	\$17.73	\$638
10,000 Lumen	12	12	\$23.40	\$281	\$281	\$23.40	\$281
<i>Mercury Vapor Lamps</i>							
7,000 Lumen	42	42	\$8.03	\$338	\$337	\$8.03	\$337
20,000 Lumen	0	0	\$15.30	\$0	\$0	\$15.30	\$0
54,000 Lumen	96	96	\$32.48	\$3,118	\$3,118	\$32.48	\$3,118
<i>Sodium Vapor Lamps</i>							
5,600 Lumen	4,268	4,275	\$4.68	\$19,975	\$20,007	\$4.68	\$20,007
9,500 Lumen	14,663	14,686	\$6.16	\$90,321	\$90,466	\$6.16	\$90,466
16,000 Lumen	1,257	1,259	\$7.47	\$9,390	\$9,405	\$7.47	\$9,405
22,000 Lumen	0	0	\$9.44	\$0	\$0	\$9.44	\$0
27,500 Lumen	2,405	2,408	\$10.99	\$26,426	\$26,464	\$10.99	\$26,464
50,000 Lumen	1,964	1,967	\$16.02	\$31,457	\$31,511	\$16.02	\$31,511
<i>Metal Halide Lamps</i>							
12,000 Lumen	1,186	1,188	\$15.58	\$18,482	\$18,509	\$15.58	\$18,509
19,500 Lumen	723	724	\$15.73	\$11,369	\$11,389	\$15.73	\$11,389
32,000 Lumen	880	881	\$16.72	\$14,711	\$14,730	\$16.72	\$14,730
107,000 Lumen	96	96	\$33.05	\$3,173	\$3,173	\$33.05	\$3,173
Subtotal kWh	1,641,493	1,644,140		\$229,679	\$230,028		\$230,028
Unbilled	(15,430)			(\$2,370)			
Total	1,626,063	1,644,140		\$227,309	\$230,028		\$230,028
Customer	100	99					
kWh Street Lighting	57,830,260	56,516,774		\$4,234,607	\$4,144,867		\$4,144,867
Customers	851	839					
Unbilled	(544,345)			(\$43,633)	\$0		\$0
Total	57,285,915	56,516,774		\$4,190,974	\$4,144,867		\$4,144,867
Schedule 15.1 - Metered Outdoor Nighttime Lighting - Composite							
Annual Facility Charge	20,927	20,286	\$11.00	\$230,202	\$223,146	\$11.00	\$223,146
Annual Customer Charge	484	497	\$72.50	\$35,107	\$36,033	\$72.50	\$36,033
Annual Minimum Charge	0.0	0.0	\$127.50	\$0	\$0	\$127.50	\$0
Monthly Customer Charge	6,022	6,182	\$6.20	\$37,339	\$38,328	\$6.20	\$38,328
All kWh	18,082,976	17,536,445	5.3437 ¢	\$966,300	\$937,095	5.3437 ¢	\$937,095
Unbilled	28,295	0		\$6,494	\$0		\$0
Total	18,111,271	17,536,445		\$1,275,442	\$1,234,602		\$1,234,602
Schedule 15.2 - Traffic Signal Systems - Composite							
Customer Charge	29,607	29,596	\$5.50	\$162,841	\$162,778	\$6.00	\$177,576
All kWh	6,289,438	6,177,947	8.4049 ¢	\$528,621	\$519,250	8.9482 ¢	\$552,815
Unbilled	(34,137)	0		(\$3,126)	\$0		\$0
Total	6,255,301	6,177,947		\$688,336	\$682,028		\$730,391
Schedule No. 21 - Electric Furnace Operations - Limited Service - Industrial							
<i>Primary Voltage</i>							
Customer Charge	36	36	\$121.00	\$4,356	\$4,356	\$128.00	\$4,608
Charge per kW (Facilities)	9,426	10,893	\$4.10	\$38,647	\$44,661	\$4.35	\$47,385
First 100,000 kWh	366,742	423,833	6.5264 ¢	\$23,935	\$27,661	6.9243 ¢	\$29,347
All add'l kWh	0	0	5.4799 ¢	\$0	\$0	5.8140 ¢	\$0
Unbilled	0	0		\$0	\$0		\$0
Subtotal	366,742	423,833		\$66,938	\$76,678		\$81,340
<i>44KV or Higher</i>							
Customer Charge	24	24	\$121.00	\$2,904	\$2,904	\$128.00	\$3,072
Charge per kW (Facilities)	41,397	47,371	\$4.10	\$169,728	\$194,221	\$4.35	\$206,064

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First 100,000 kWh	2,302,472	2,660,898	5.1346 ¢	\$118,223	\$136,626	5.4476 ¢	\$144,955
All add'l kWh	834,121	963,969	4.4977 ¢	\$37,516	\$43,356	4.7714 ¢	\$45,995
Unbilled	31,112	0		\$4,182	\$0		\$0
Subtotal	3,167,705	3,624,867		\$332,553	\$377,107		\$400,086
Total	3,534,447	4,048,700		\$399,491	\$453,785		\$481,426
Schedule No. 23 - Composite							
Customer Charge	967,221	992,018	\$10.00	\$9,672,206	\$9,920,180	\$11.00	\$10,912,198
kW over 15 (May - Sept)	378,276	387,746	\$8.55	\$3,234,262	\$3,315,228	\$8.75	\$3,392,778
kW over 15 (Oct - Apr)	338,715	347,761	\$8.60	\$2,912,948	\$2,990,745	\$8.80	\$3,060,297
Voltage Discount	6,694	7,029	(\$0.48)	(\$3,213)	(\$3,374)	(\$0.49)	(\$3,444)
First 1,500 kWh (May - Sept)	282,719,049	295,977,608	11.6096 ¢	\$32,822,551	\$34,361,816	11.9062 ¢	\$35,239,686
All Add'l kWh (May - Sept)	297,447,323	309,000,008	6.5088 ¢	\$19,360,251	\$20,112,193	6.6751 ¢	\$20,626,060
First 1,500 kWh (Oct - Apr)	409,917,071	424,820,226	10.6859 ¢	\$43,803,328	\$45,395,865	10.9589 ¢	\$46,555,624
All Add'l kWh (Oct - Apr)	350,800,493	361,090,369	5.9947 ¢	\$21,029,437	\$21,646,284	6.1519 ¢	\$22,213,918
Seasonal Service	0	0	\$120.00	\$0	\$0	\$132.00	\$0
Unbilled	2,853,459	0		\$755,833	\$0		\$0
Total	1,343,737,396	1,390,888,211		\$133,587,603	\$137,738,937		\$141,997,117
Schedule No.31 - Composite							
<i>Secondary Voltage</i>							
Customer Charge per month	0	0	\$127.00	\$0	\$0	\$136.00	\$0
Facilities Charge, per kW month	0	0	\$4.66	\$0	\$0	\$8.06	\$0
Back-up Power Charge							
Regular, per On-Peak kW day	0	0	\$0.6419	\$0	\$0		
May - Sept	0	0				\$0.51	\$0
Oct - Apr	0	0				\$0.33	\$0
Maintenance, per On-Peak kW day	0	0	\$0.3210	\$0	\$0		
May - Sept	0	0				\$0.255	\$0
Oct - Apr	0	0				\$0.165	\$0
Excess Power, per kW month	0	0	\$60.48	\$0	\$0		
May - Sept	0	0				\$41.06	\$0
Oct - Apr	0	0				\$32.24	\$0
<i>Primary Voltage</i>							
Customer Charge per month	24	24	\$577.00	\$13,848	\$13,848	\$617.00	\$14,808
Facilities Charge, per kW month	39,600	38,791	\$3.66	\$144,936	\$141,975	\$6.92	\$268,434
Back-up Power Charge							
Regular, per On-Peak kW day	199,762	195,683	\$0.6248	\$124,811	\$122,263		
May - Sept	80,678	79,030				\$0.50	\$39,515
Oct - Apr	119,084	116,653				\$0.32	\$37,329
Maintenance, per On-Peak kW day	24,760	24,254	\$0.3124	\$7,735	\$7,577		
May - Sept	24,760	24,254				\$0.250	\$6,064
Oct - Apr	0	0				\$0.160	\$0
Excess Power, per kW month	31	30	\$43.59	\$1,350	\$1,308		
May - Sept	0	0				\$38.78	\$0
Oct - Apr	31	30				\$29.96	\$899
<i>Transmission Voltage</i>							
Customer Charge per month	24	24	\$646.00	\$15,504	\$15,504	\$691.00	\$16,584
Facilities Charge, per kW month	292,800	153,429	\$2.08	\$609,024	\$319,132	\$5.79	\$888,354
Back-up Power Charge							
Regular, per On-Peak kW day	700,650	391,585	\$0.4906	\$343,739	\$192,112		
May - Sept	353,075	239,920				\$0.41	\$98,367
Oct - Apr	347,575	151,665				\$0.23	\$34,883
Maintenance, per On-Peak kW day	0	0	\$0.2453	\$0	\$0		
May - Sept	0	0				\$0.205	\$0
Oct - Apr	0	0				\$0.115	\$0
Excess Power, per kW month	0	0	\$41.97	\$0	\$0		
May - Sept	0	0				\$32.60	\$0
Oct - Apr	0	0				\$23.54	\$0
Subtotal				\$1,260,947	\$813,719		\$1,405,237
<i>Supplemental billed at Schedule 6/8/9 rate</i>							
Schedule 8							
Facilities kW	16,400	16,065	\$4.62	\$75,768	\$74,220	\$4.81	\$77,273
On-Peak kW (May - Sept)	0	0	\$15.10	\$0	\$0	\$15.72	\$0
On-Peak kW (Oct - Apr)	16,400	16,065	\$10.87	\$178,268	\$174,627	\$11.31	\$181,695
Voltage Discount	16,400	16,065	(\$1.10)	(\$18,040)	(\$17,672)	(\$1.14)	(\$18,314)
On-Peak kWh (May - Sept)	1,064,405	1,044,794	4.8999 ¢	\$52,155	\$51,194	5.1003 ¢	\$53,288
On-Peak kWh (Oct - Apr)	4,008,522	3,934,668	3.8356 ¢	\$153,751	\$150,918	3.9925 ¢	\$157,092
Off-Peak kWh	5,124,703	5,030,285	3.3019 ¢	\$169,213	\$166,095	3.4364 ¢	\$172,861
Schedule 9							
Facilities kW	103,445	103,313	\$2.12	\$219,303	\$219,024	\$2.24	\$231,421
On-Peak kW (May - Sept)	49,554	49,491	\$13.32	\$660,059	\$659,220	\$14.06	\$695,843
On-Peak kW (Oct - Apr)	50,144	50,080	\$9.03	\$452,800	\$452,222	\$9.53	\$477,262

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On-Peak kWh (May-Sept)	8,127,144	7,647,176	4.4379 ¢	\$360,675	\$339,374	4.6836 ¢	\$358,163
On-Peak kWh (Oct-Apr)	13,316,146	10,898,121	3.3371 ¢	\$444,373	\$363,681	3.5219 ¢	\$383,821
Off-Peak kWh	31,472,684	27,727,401	2.7873 ¢	\$877,238	\$772,846	2.9416 ¢	\$815,629
Subtotal				\$3,625,563	\$3,405,749		\$3,586,034
Unbilled	(151,318)	0		\$2,384	\$0		\$0
Total (Aggregated)	62,962,286	56,282,445		\$4,888,894	\$4,219,468		\$4,991,271
Contract 1							
Customer Charge	12	12		\$2,618	\$2,618		\$2,724
kW High Load Hours	1,041,000	949,050		\$12,117,000	\$11,046,723		\$11,493,797
kWh High Load Hours	260,217,147	237,232,647		\$9,184,093	\$8,372,879		\$8,711,740
kWh Low Load Hours	327,407,853	298,488,523		\$8,506,056	\$7,754,732		\$8,068,575
Total	587,625,000	535,721,170		\$29,809,766	\$27,176,952		\$28,276,836
Contract 2							
Customer Charge	12	12					
Interruptible kWh	968,926,440	795,798,676		\$42,690,899	\$35,062,890		\$35,062,890
Total	968,926,440	795,798,676		\$42,690,899	\$35,062,890		\$35,062,890
Contract 3							
Customer Charge	12	12	\$646.00	\$7,752	\$7,752	\$691.00	\$8,292
Facilities Charge per kW - Back-Up	711,775	422,498	\$2.08	\$1,480,492	\$878,796	\$5.79	\$2,446,263
kW Back-Up							
Regular, per On-Peak kW day	5,787,707	3,435,490	\$0.4906	\$2,839,449	\$1,685,451		
May - Sept	5,481,092	3,253,488				\$0.41	\$1,333,930
Oct - Apr	306,615	182,002				\$0.23	\$41,860
Maintenance, per On-Peak kW day	0	0	\$0.2453	\$0	\$0		
May - Sept						\$0.205	\$0
Oct - Apr						\$0.115	\$0
Excess Power, per kW month	0	0	\$41.97	\$0	\$0		
May - Sept						\$32.60	\$0
Oct - Apr						\$23.54	\$0
kW Supplemental							
On-Peak kW (May - Sept)	41,792	24,807	\$13.32	\$556,669	\$330,429	\$14.06	\$348,786
On-Peak kW (Oct - Apr)	1,289,459	765,402	\$9.03	\$11,643,815	\$6,911,580	\$9.53	\$7,294,281
kWh Supplemental							
On-Peak kWh (May-Sept)	38,405,453	22,796,861	4.4379 ¢	\$1,704,396	\$1,011,702	4.6836 ¢	\$1,067,714
On-Peak kWh (Oct-Apr)	344,060,613	204,228,863	3.3371 ¢	\$11,481,647	\$6,815,321	3.5219 ¢	\$7,192,736
Off-Peak kWh	665,084,694	394,783,609	2.7873 ¢	\$18,537,906	\$11,003,804	2.9416 ¢	\$11,612,955
Total	1,047,550,760	621,809,333		\$48,252,126	\$28,644,835		\$31,346,817
Lighting Contract - Post Top Lighting - Composite							
Energy Only Res	60	60	\$2.18	\$131	\$131	\$2.18	\$131
Energy Only Non-Res	207	207	\$2.1858	\$453	\$452	\$2.1858	\$452
Subtotal	267	267		\$584	\$583		\$583
KWH Included	7,757	7,737					
Customers	5	5					
Unbilled	9	0		\$3			\$0
Total	7,766	7,737		\$587	\$583		\$583
Annual Guarantee Adjustment							
Residential				\$33,040	\$33,040		\$33,040
Commercial				\$2,726,578	\$2,726,578		\$2,726,578
Industrial				(\$5,447)	(\$5,447)		(\$5,447)
Irrigation				\$206,563	\$206,563		\$206,563
Public Street & Highway Lighting				\$4,662	\$4,662		\$4,662
Other Sales Public Authorities				\$0	\$0		\$0
Total AGA				\$2,965,396	\$2,965,396		\$2,965,396
TOTAL - ALL CLASSES	23,682,006,292	23,244,284,922		\$1,920,727,855	\$1,884,107,458		\$1,960,359,754

Rocky Mountain Power
Exhibit RMP__(JRS-6)
Docket No. 13-035-184
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

Impact of Proposed Price Changes

January 2014

**Rocky Mountain Power
 Monthly Billing Comparison
 Schedule 1 - State of Utah
 Residential Service**

kWh	Monthly Customer Charge			Monthly Energy Charge ¹						
	Present	Change		Summer			Winter			
		Proposed	Present	Proposed	\$ Δ	% Δ	Present	Proposed	\$ Δ	% Δ
100	\$5.00	\$8.00	\$3.00	\$9.68	\$0.09	0.9%	\$9.59	\$9.68	\$0.09	0.9%
200	\$5.00	\$8.00	\$3.00	\$19.11	\$0.20	1.1%	\$18.91	\$19.11	\$0.20	1.1%
300	\$5.00	\$8.00	\$3.00	\$28.53	\$0.29	1.0%	\$28.24	\$28.53	\$0.29	1.0%
400	\$5.00	\$8.00	\$3.00	\$37.95	\$0.38	1.0%	\$37.57	\$37.95	\$0.38	1.0%
500	\$5.00	\$8.00	\$3.00	\$49.72	\$0.51	1.0%	\$47.99	\$48.48	\$0.49	1.0%
600	\$5.00	\$8.00	\$3.00	\$61.88	\$0.63	1.0%	\$58.41	\$59.01	\$0.60	1.0%
700	\$5.00	\$8.00	\$3.00	\$74.03	\$0.76	1.0%	\$68.83	\$69.54	\$0.71	1.0%
663 w	\$5.00	\$8.00	\$3.00		\$0.76	1.0%	\$65.01	\$65.67	\$0.66	1.0%
698 a	\$5.00	\$8.00	\$3.00	\$74.56			\$68.63	\$69.33	\$0.70	1.0%
747 s	\$5.00	\$8.00	\$3.00	\$73.80	\$0.81	1.0%				
800	\$5.00	\$8.00	\$3.00	\$80.53	\$0.88	1.0%	\$79.25	\$80.06	\$0.81	1.0%
900	\$5.00	\$8.00	\$3.00	\$87.07	\$1.01	1.0%	\$89.67	\$90.59	\$0.92	1.0%
1,000	\$5.00	\$8.00	\$3.00	\$99.35	\$1.14	1.0%	\$100.09	\$101.12	\$1.03	1.0%
1,100	\$5.00	\$8.00	\$3.00	\$111.63	\$1.29	1.0%	\$110.51	\$111.65	\$1.14	1.0%
1,200	\$5.00	\$8.00	\$3.00	\$126.99	\$1.44	1.0%	\$120.93	\$122.17	\$1.24	1.0%
1,300	\$5.00	\$8.00	\$3.00	\$142.35	\$1.61	1.0%	\$131.35	\$132.70	\$1.35	1.0%
1,400	\$5.00	\$8.00	\$3.00	\$157.72	\$1.76	1.0%	\$141.77	\$143.23	\$1.46	1.0%
1,500	\$5.00	\$8.00	\$3.00	\$173.08	\$1.91	1.0%	\$152.19	\$153.76	\$1.57	1.0%
2,000	\$5.00	\$8.00	\$3.00	\$186.53	\$2.70	1.0%	\$204.30	\$206.39	\$2.09	1.0%
3,000	\$5.00	\$8.00	\$3.00	\$262.56	\$4.26	1.0%	\$308.50	\$311.67	\$3.17	1.0%
4,000	\$5.00	\$8.00	\$3.00	\$414.63	\$5.84	1.0%	\$412.71	\$416.95	\$4.24	1.0%
5,000	\$5.00	\$8.00	\$3.00	\$566.69	\$7.40	1.0%	\$516.91	\$522.22	\$5.31	1.0%
				\$718.76						
				\$726.16						

¹ Including HELP, DSM, EBA, REC and SOLAR adjustments.

w: Winter average usage; a: Annual average usage; s: Summer average usage.

**Rocky Mountain Power
 Monthly Billing Comparison
 Schedule 6 - State of Utah
 General Service - Distribution Voltage**

kW Load Size	kWh	Summer				Winter			
		Monthly Billing ¹		Change		Monthly Billing ¹		Change	
		Present	Proposed	\$	%	Present	Proposed	\$	%
50	5,000	\$1,213	\$1,238	\$25	2.1%	\$1,010	\$1,030	\$21	2.0%
	10,000	\$1,414	\$1,443	\$29	2.1%	\$1,195	\$1,220	\$25	2.1%
	20,000	\$1,816	\$1,854	\$38	2.1%	\$1,566	\$1,599	\$32	2.1%
100	20,000	\$2,765	\$2,822	\$58	2.1%	\$2,328	\$2,376	\$48	2.1%
	40,000	\$3,569	\$3,644	\$74	2.1%	\$3,069	\$3,133	\$64	2.1%
	60,000	\$4,374	\$4,465	\$91	2.1%	\$3,811	\$3,891	\$79	2.1%
200	40,000	\$5,467	\$5,581	\$114	2.1%	\$4,592	\$4,687	\$95	2.1%
	80,000	\$7,076	\$7,223	\$148	2.1%	\$6,076	\$6,202	\$127	2.1%
	120,000	\$8,684	\$8,865	\$181	2.1%	\$7,560	\$7,718	\$158	2.1%
500	100,000	\$13,573	\$13,857	\$284	2.1%	\$11,386	\$11,622	\$237	2.1%
	200,000	\$17,595	\$17,962	\$367	2.1%	\$15,095	\$15,410	\$315	2.1%
	300,000	\$21,617	\$22,068	\$451	2.1%	\$18,805	\$19,198	\$393	2.1%
1,000	200,000	\$27,083	\$27,649	\$566	2.1%	\$22,709	\$23,181	\$472	2.1%
	400,000	\$35,127	\$35,861	\$734	2.1%	\$30,128	\$30,757	\$629	2.1%
	600,000	\$43,171	\$44,072	\$901	2.1%	\$37,547	\$38,332	\$786	2.1%

¹ Including HELP, DSM, EBA, REC and SOLAR adjustments.

**Rocky Mountain Power
Monthly Billing Comparison
Schedule 8 - State of Utah
General Service - Distribution Voltage > 1 MW**

kW Load Size ²	kWh	On-Peak kWh %	Summer				Winter				
			Monthly Billing ¹		Change		Monthly Billing ¹		Change		
			Present	Proposed	\$	%	Present	Proposed	\$	%	
1,000	365,000	60%	\$36,048	\$37,524	\$1,477	4.1%	\$29,155	\$30,342	\$1,187	4.1%	
		50%	\$35,435	\$36,886	\$1,451	4.1%	\$28,950	\$30,129	\$1,179	4.1%	
		40%	\$34,822	\$36,248	\$1,426	4.1%	\$28,746	\$29,916	\$1,170	4.1%	
	511,000	60%	\$42,621	\$44,364	\$1,743	4.1%	\$34,749	\$36,163	\$1,414	4.1%	
		50%	\$41,763	\$43,471	\$1,708	4.1%	\$34,462	\$35,864	\$1,402	4.1%	
		40%	\$40,905	\$42,578	\$1,673	4.1%	\$34,176	\$35,566	\$1,390	4.1%	
	657,000	60%	\$49,194	\$51,205	\$2,010	4.1%	\$40,342	\$41,984	\$1,641	4.1%	
		50%	\$48,091	\$50,056	\$1,965	4.1%	\$39,974	\$41,600	\$1,626	4.1%	
		40%	\$46,988	\$48,908	\$1,919	4.1%	\$39,606	\$41,216	\$1,610	4.1%	
	2,000	730,000	60%	\$71,977	\$74,927	\$2,950	4.1%	\$58,192	\$60,563	\$2,372	4.1%
			50%	\$70,752	\$73,651	\$2,900	4.1%	\$57,782	\$60,137	\$2,355	4.1%
			40%	\$69,526	\$72,375	\$2,849	4.1%	\$57,373	\$59,711	\$2,337	4.1%
1,022,000		60%	\$85,124	\$88,608	\$3,484	4.1%	\$69,379	\$72,205	\$2,826	4.1%	
		50%	\$83,408	\$86,821	\$3,413	4.1%	\$68,806	\$71,608	\$2,801	4.1%	
		40%	\$81,692	\$85,035	\$3,342	4.1%	\$68,233	\$71,011	\$2,777	4.1%	
1,314,000		60%	\$98,270	\$102,288	\$4,018	4.1%	\$80,567	\$83,846	\$3,279	4.1%	
		50%	\$96,064	\$99,991	\$3,927	4.1%	\$79,830	\$83,079	\$3,248	4.1%	
		40%	\$93,858	\$97,694	\$3,836	4.1%	\$79,093	\$82,311	\$3,218	4.1%	
4,000		1,460,000	60%	\$143,836	\$149,733	\$5,897	4.1%	\$116,266	\$121,006	\$4,740	4.1%
			50%	\$141,385	\$147,181	\$5,796	4.1%	\$115,447	\$120,153	\$4,706	4.1%
			40%	\$138,934	\$144,629	\$5,695	4.1%	\$114,628	\$119,300	\$4,672	4.1%
	2,044,000	60%	\$170,129	\$177,094	\$6,965	4.1%	\$138,641	\$144,289	\$5,648	4.1%	
		50%	\$166,698	\$173,521	\$6,823	4.1%	\$137,495	\$143,095	\$5,600	4.1%	
		40%	\$163,266	\$169,948	\$6,682	4.1%	\$136,349	\$141,900	\$5,552	4.1%	
	2,628,000	60%	\$196,422	\$204,455	\$8,033	4.1%	\$161,016	\$167,572	\$6,556	4.1%	
		50%	\$192,010	\$199,861	\$7,851	4.1%	\$159,542	\$166,036	\$6,494	4.1%	
		40%	\$187,598	\$195,267	\$7,669	4.1%	\$158,069	\$164,501	\$6,432	4.1%	
	6,000	2,190,000	60%	\$215,695	\$224,539	\$8,844	4.1%	\$174,339	\$181,448	\$7,109	4.1%
			50%	\$212,019	\$220,711	\$8,693	4.1%	\$173,111	\$180,169	\$7,058	4.1%
			40%	\$208,342	\$216,883	\$8,541	4.1%	\$171,884	\$178,890	\$7,006	4.1%
3,066,000		60%	\$255,135	\$265,581	\$10,446	4.1%	\$207,902	\$216,373	\$8,471	4.1%	
		50%	\$249,988	\$260,221	\$10,234	4.1%	\$206,183	\$214,581	\$8,398	4.1%	
		40%	\$244,840	\$254,862	\$10,021	4.1%	\$204,464	\$212,790	\$8,326	4.1%	
3,942,000		60%	\$294,574	\$306,622	\$12,048	4.1%	\$241,465	\$251,297	\$9,832	4.1%	
		50%	\$287,957	\$299,731	\$11,775	4.1%	\$239,255	\$248,994	\$9,739	4.1%	
		40%	\$281,339	\$292,840	\$11,502	4.1%	\$237,044	\$246,691	\$9,647	4.1%	
10,000		3,650,000	60%	\$359,413	\$374,152	\$14,738	4.1%	\$290,487	\$302,333	\$11,846	4.1%
			50%	\$353,286	\$367,771	\$14,486	4.1%	\$288,440	\$300,201	\$11,761	4.1%
			40%	\$347,158	\$361,391	\$14,233	4.1%	\$286,394	\$298,068	\$11,675	4.1%
	5,110,000	60%	\$425,146	\$442,554	\$17,408	4.1%	\$346,425	\$360,540	\$14,116	4.1%	
		50%	\$416,567	\$433,621	\$17,054	4.1%	\$343,560	\$357,555	\$13,995	4.1%	
		40%	\$407,988	\$424,689	\$16,700	4.1%	\$340,695	\$354,570	\$13,875	4.1%	
	6,570,000	60%	\$490,879	\$510,956	\$20,077	4.1%	\$402,363	\$418,748	\$16,385	4.1%	
		50%	\$479,849	\$499,471	\$19,622	4.1%	\$398,679	\$414,909	\$16,230	4.1%	
		40%	\$468,819	\$487,987	\$19,168	4.1%	\$394,995	\$411,071	\$16,076	4.1%	

¹ Including HELP, DSM, EBA, REC and SOLAR adjustments.

² Assumes customer monthly peak occurs during On-Peak hours.

**Rocky Mountain Power
 Monthly Billing Comparison
 Schedule 9 - State of Utah
 General Service - Transmission Voltage**

kW Load Size ²	kWh	On-Peak kWh %	Summer				Winter			
			Monthly Billing ¹		Change		Monthly Billing ¹		Change	
			Present	Proposed	\$	%	Present	Proposed	\$	%
500	182,500	60%	\$15,697	\$16,565	\$868	5.5%	\$12,169	\$12,841	\$672	5.5%
		50%	\$15,379	\$16,230	\$851	5.5%	\$12,063	\$12,729	\$666	5.5%
		40%	\$15,062	\$15,895	\$833	5.5%	\$11,957	\$12,618	\$660	5.5%
	255,500	60%	\$18,614	\$19,643	\$1,029	5.5%	\$14,578	\$15,383	\$805	5.5%
		50%	\$18,170	\$19,174	\$1,005	5.5%	\$14,430	\$15,227	\$796	5.5%
		40%	\$17,726	\$18,706	\$980	5.5%	\$14,282	\$15,071	\$788	5.5%
	328,500	60%	\$21,531	\$22,721	\$1,190	5.5%	\$16,988	\$17,925	\$937	5.5%
		50%	\$20,960	\$22,118	\$1,158	5.5%	\$16,798	\$17,724	\$927	5.5%
		40%	\$20,389	\$21,516	\$1,127	5.5%	\$16,607	\$17,523	\$916	5.5%
1,000	365,000	60%	\$31,096	\$32,818	\$1,722	5.5%	\$24,041	\$25,369	\$1,329	5.5%
		50%	\$30,462	\$32,148	\$1,687	5.5%	\$23,829	\$25,146	\$1,317	5.5%
		40%	\$29,827	\$31,479	\$1,652	5.5%	\$23,618	\$24,923	\$1,305	5.5%
	511,000	60%	\$36,930	\$38,974	\$2,043	5.5%	\$28,860	\$30,454	\$1,594	5.5%
		50%	\$36,042	\$38,036	\$1,994	5.5%	\$28,564	\$30,141	\$1,578	5.5%
		40%	\$35,154	\$37,099	\$1,945	5.5%	\$28,268	\$29,829	\$1,561	5.5%
	657,000	60%	\$42,765	\$45,130	\$2,365	5.5%	\$33,678	\$35,538	\$1,859	5.5%
		50%	\$41,623	\$43,925	\$2,302	5.5%	\$33,298	\$35,136	\$1,838	5.5%
		40%	\$40,481	\$42,719	\$2,238	5.5%	\$32,918	\$34,735	\$1,817	5.5%
2,000	730,000	60%	\$61,895	\$65,324	\$3,429	5.5%	\$47,784	\$50,426	\$2,642	5.5%
		50%	\$60,627	\$63,985	\$3,358	5.5%	\$47,362	\$49,980	\$2,619	5.5%
		40%	\$59,358	\$62,646	\$3,288	5.5%	\$46,939	\$49,534	\$2,595	5.5%
	1,022,000	60%	\$73,564	\$77,636	\$4,072	5.5%	\$57,422	\$60,595	\$3,173	5.5%
		50%	\$71,788	\$75,761	\$3,973	5.5%	\$56,830	\$59,971	\$3,140	5.5%
		40%	\$70,011	\$73,886	\$3,875	5.5%	\$56,239	\$59,346	\$3,107	5.5%
	1,314,000	60%	\$85,233	\$89,947	\$4,715	5.5%	\$67,060	\$70,764	\$3,704	5.5%
		50%	\$82,949	\$87,537	\$4,588	5.5%	\$66,299	\$69,961	\$3,662	5.5%
		40%	\$80,665	\$85,127	\$4,462	5.5%	\$65,539	\$69,158	\$3,619	5.5%
4,000	1,460,000	60%	\$123,493	\$130,336	\$6,842	5.5%	\$95,271	\$100,541	\$5,270	5.5%
		50%	\$120,956	\$127,658	\$6,702	5.5%	\$94,426	\$99,649	\$5,223	5.5%
		40%	\$118,419	\$124,980	\$6,561	5.5%	\$93,581	\$98,757	\$5,176	5.5%
	2,044,000	60%	\$146,831	\$154,959	\$8,128	5.5%	\$114,547	\$120,878	\$6,331	5.5%
		50%	\$143,278	\$151,210	\$7,932	5.5%	\$113,364	\$119,629	\$6,265	5.5%
		40%	\$139,726	\$147,461	\$7,735	5.5%	\$112,181	\$118,380	\$6,200	5.5%
	2,628,000	60%	\$170,168	\$179,582	\$9,414	5.5%	\$133,823	\$141,215	\$7,392	5.5%
		50%	\$165,601	\$174,762	\$9,161	5.5%	\$132,302	\$139,610	\$7,308	5.5%
		40%	\$161,033	\$169,942	\$8,909	5.5%	\$130,780	\$138,004	\$7,224	5.5%
6,000	2,190,000	60%	\$185,092	\$195,348	\$10,256	5.5%	\$142,758	\$150,655	\$7,897	5.5%
		50%	\$181,286	\$191,331	\$10,045	5.5%	\$141,491	\$149,317	\$7,827	5.5%
		40%	\$177,479	\$187,314	\$9,834	5.5%	\$140,223	\$147,979	\$7,756	5.5%
	3,066,000	60%	\$220,098	\$232,283	\$12,185	5.5%	\$171,672	\$181,161	\$9,489	5.5%
		50%	\$214,769	\$226,659	\$11,890	5.5%	\$169,897	\$179,288	\$9,391	5.5%
		40%	\$209,440	\$221,035	\$11,595	5.5%	\$168,122	\$177,414	\$9,292	5.5%
	3,942,000	60%	\$255,104	\$269,218	\$14,114	5.5%	\$200,586	\$211,667	\$11,081	5.5%
		50%	\$248,252	\$261,987	\$13,735	5.5%	\$198,304	\$209,258	\$10,955	5.5%
		40%	\$241,401	\$254,756	\$13,355	5.5%	\$196,022	\$206,850	\$10,828	5.5%

¹ Including HELP, DSM, EBA, REC and SOLAR adjustments.

² Assumes customer monthly peak occurs during On-Peak hours.

**Rocky Mountain Power
 Monthly Billing Comparison
 Schedule 10 - State of Utah
 Irrigation and Soil Drainage Pumping Power Service - Distribution Voltage**

kW Load Size	kWh	Irrigation Season				Post-Irrigation Season			
		Monthly Billing ¹		Change		Monthly Billing ¹		Change	
		Present	Proposed	\$	%	Present	Proposed	\$	%
10	3,000	\$310	\$329	\$19	6.1%	\$167	\$177	\$10	6.1%
	5,000	\$458	\$486	\$28	6.1%	\$268	\$285	\$16	6.1%
	7,000	\$606	\$642	\$37	6.1%	\$370	\$392	\$22	6.1%
20	6,000	\$606	\$642	\$37	6.1%	\$319	\$338	\$19	6.1%
	10,000	\$901	\$956	\$55	6.1%	\$522	\$553	\$32	6.1%
	14,000	\$1,196	\$1,269	\$73	6.1%	\$724	\$768	\$44	6.1%
50	15,000	\$1,491	\$1,582	\$91	6.1%	\$775	\$822	\$47	6.1%
	25,000	\$2,229	\$2,365	\$135	6.1%	\$1,281	\$1,359	\$77	6.0%
	35,000	\$2,871	\$3,046	\$174	6.1%	\$1,788	\$1,896	\$108	6.0%
100	30,000	\$2,967	\$3,147	\$180	6.1%	\$1,534	\$1,627	\$93	6.0%
	50,000	\$4,060	\$4,306	\$246	6.1%	\$2,547	\$2,701	\$154	6.0%
	70,000	\$5,152	\$5,464	\$312	6.1%	\$3,560	\$3,775	\$215	6.0%
200	60,000	\$5,344	\$5,668	\$324	6.1%	\$3,054	\$3,238	\$185	6.0%
	100,000	\$7,529	\$7,985	\$456	6.1%	\$5,079	\$5,386	\$307	6.0%
	140,000	\$9,714	\$10,302	\$588	6.1%	\$7,105	\$7,534	\$429	6.0%
300	90,000	\$7,720	\$8,189	\$468	6.1%	\$4,573	\$4,849	\$276	6.0%
	150,000	\$10,998	\$11,664	\$666	6.1%	\$7,611	\$8,071	\$460	6.0%
	210,000	\$14,275	\$15,140	\$865	6.1%	\$10,649	\$11,293	\$644	6.0%

¹ Including HELP, DSM, EBA, REC and SOLAR adjustments.. Not including annual customer service charge.

**Rocky Mountain Power
 Monthly Billing Comparison
 Schedule 23 - State of Utah
 General Service - Distribution Voltage**

kW Load Size	kWh	Summer				Winter			
		Monthly Billing ¹		Change		Monthly Billing ¹		Change	
		Present	Proposed	\$	%	Present	Proposed	\$	%
0 to 15	200	\$34.87	\$36.49	\$1.62	4.6%	\$32.93	\$34.51	\$1.58	4.8%
	500	\$71.50	\$74.06	\$2.56	3.6%	\$66.66	\$69.09	\$2.43	3.6%
	1,000	\$132.55	\$136.66	\$4.11	3.1%	\$122.87	\$126.73	\$3.86	3.1%
	2,000	\$227.91	\$234.45	\$6.54	2.9%	\$210.68	\$216.80	\$6.12	2.9%
20	5,000	\$478.57	\$491.39	\$12.82	2.7%	\$445.43	\$457.54	\$12.11	2.7%
	7,500	\$650.09	\$667.27	\$17.18	2.6%	\$603.47	\$619.71	\$16.24	2.7%
	10,000	\$821.61	\$843.15	\$21.54	2.6%	\$761.51	\$781.87	\$20.36	2.7%
25	7,500	\$694.93	\$713.15	\$18.22	2.6%	\$648.57	\$665.85	\$17.28	2.7%
	10,000	\$866.45	\$889.03	\$22.58	2.6%	\$806.61	\$828.01	\$21.40	2.7%
	12,500	\$1,037.97	\$1,064.91	\$26.94	2.6%	\$964.65	\$990.18	\$25.53	2.6%
30	10,000	\$911.28	\$934.92	\$23.64	2.6%	\$851.71	\$874.16	\$22.45	2.6%
	12,500	\$1,082.80	\$1,110.80	\$28.00	2.6%	\$1,009.75	\$1,036.32	\$26.57	2.6%
	15,000	\$1,254.32	\$1,286.68	\$32.36	2.6%	\$1,167.79	\$1,198.49	\$30.70	2.6%

¹ Including HELP, DSM, EBA, REC and SOLAR adjustments.

Rocky Mountain Power
Exhibit RMP__(JRS-7)
Docket No. 13-035-184
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 Revisions to Schedule 135, Net Metering

January 2014

ELECTRIC SERVICE SCHEDULE NO. 135 - Continued

DEFINITIONS (continued)

Residential Customer means any customer that receives electric service under Electric Service Schedules 1, 2 or 3.

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 Monthly Bill shall be the sum of the Net Metering Facilities Charge, if applicable, and the Monthly Billing computed in accordance with the applicable standard service tariff schedule. 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.

Net Metering Facilities Charge:

Schedules 1, 2 or 3: \$4.25 per customer

(continued)

(C)
|
(C)
(N)
(N)

Rocky Mountain Power
Exhibit RMP__(JRS-8)
Docket No. 13-035-184
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

Calculation of Net Metering Facilities Charge

January 2014

**Rocky Mountain Power - State of Utah
 Calculation of Net Metering Facilities Charge**

<u>Line</u>	<u>Classified Rev Req</u>	<u>Residential</u>	
		<u>COS</u>	<u>Cost/ Customers</u>
1	Distribution - Substation	\$35,862,038	\$4.04
2	Distribution - Meter	\$7,957,725	\$0.90
3	Distribution - Service	\$23,022,745	\$2.59
4	Retail Total	\$30,883,609	\$3.47
5	Distribution - P&C	\$86,583,267	\$9.74
6	Distribution - Transformer	\$35,361,661	\$3.98
7	Total Distribution/Retail Costs	\$219,671,044	\$24.72
8	Proposed Customer Charge	\$70,417,432	\$8.00
9	Total Dist./Retail Fixed Cost not recovered in Customer Charge	\$149,253,612	\$16.72
10	Total kWh	6,203,851,850	
11	Net Metering kWh	13,012,995	
12	Total Bills	8,887,629	
13	Forecasted Net Metering Bills	25,117	
14	Average \$/kWh for remaining Dist./Retail costs	0.024058	
15	Net Metering Dist/Retail Costs	\$313,069	\$12.46
16	Net Metering Facilities Charge		\$4.25

Formula Notes

Line 7 1+2+3+4+5+6
 Line 9 7-8
 Line 14 9/10
 Line 15 14x11 or 15/13
 Line 16 9-15