

BEFORE THE  
PUBLIC SERVICE COMMISSION OF UTAH

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Investigation of Revenue Requirement )  
Impacts of the New Federal Tax )  
Legislation Titled: "An act to provide for ) Docket No. 17-035-69  
reconciliation pursuant to titles II and V of )  
the concurrent resolution of the budget for )  
fiscal year 2018" )  

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Direct Testimony and Exhibits of

**Christopher C. Walters**

On behalf of

**Utah Industrial Energy Consumers**

**PUBLIC VERSION**

August 28, 2018



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PUBLIC SERVICE COMMISSION OF UTAH

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Direct Testimony of Christopher C. Walters

1 Q PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

2 A Christopher C. Walters. My business address is 16690 Swingley Ridge Road,  
3 Suite 140, Chesterfield, MO 63017.

4 Q WHAT IS YOUR OCCUPATION?

5 A I am a Senior Consultant in the field of public utility regulation with the firm of  
6 Brubaker & Associates, Inc. ("BAI"), energy, economic and regulatory  
7 consultants.

8 Q PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND  
9 EXPERIENCE.

10 A This information is included in Appendix A to my testimony.

11 Q ON WHOSE BEHALF ARE YOU APPEARING IN THIS PROCEEDING?

12 A I am appearing on behalf of the Utah Industrial Energy Consumers ("UIEC").

13 **Q WHAT IS THE SUBJECT OF YOUR TESTIMONY?**

14 A The focus of my testimony will be on credit rating agencies, what factors can  
15 influence credit ratings, as well as a discussion of Rocky Mountain Power's  
16 ("RMP" or the "Company") current ratings and credit metrics. I will also  
17 comment on RMP's proposed treatment of the current tax benefits and the  
18 excess accumulated deferred income tax balances ("EDIT"), generally. My  
19 silence on any specific aspect of testimony filed in this case should not be  
20 taken as tacit agreement on any particular issue.

21 **Q PLEASE SUMMARIZE YOUR RECOMMENDATIONS AND CONCLUSIONS.**

22 A Based on my review of the testimony, analysis, and data responses in this  
23 proceeding, I conclude the following:

- 24 • RMP's rates are excessive due to the over-collection of current taxes in  
25 the amount of approximately \$4.9 million.
- 26 • RMP's proposed treatment of customer benefits produced through the  
27 enactment of the Tax Cuts and Jobs Act of 2017 ("TCJA") produces  
28 unreasonable rates for an uncertain amount of time and creates  
29 intergenerational inequities.
- 30 • RMP reasonably should be able to return to customers 100% of the  
31 current tax benefit as well as the non-protected EDIT (property and  
32 non-property) without jeopardizing its credit standing at least over the  
33 forecast period.

34 Further, I make the following recommendations to the Commission:

- 35 • Order RMP to return to customers the remaining \$4.9 million, annually,  
36 so that its rates are not over-collecting current taxes.
- 37 • Acknowledge the intergenerational inequities produced by RMP's  
38 proposal and require the Company to return to customers the  
39 non-protected property-related EDIT along with the non-protected  
40 non-property EDIT over a five-year amortization period.

41 **I. Credit Ratings and the Tax Cuts and Jobs Act of 2017 (“TCJA”)**

42 **Q WHAT ARE CREDIT RATINGS AND WHO ISSUES THEM?**

43 A Ratings agencies assign ratings to debt-issuing companies, governments, and  
44 municipalities, as well as the debt securities, or bonds, themselves. For the  
45 purposes of my testimony, I will be discussing the ratings assigned to debt  
46 issuers, or issuer credit ratings.<sup>1</sup> Credit ratings measure the overall credit risk  
47 of a company by providing an easy-to-understand rating that is assigned after  
48 analyzing a large amount of complex data. In the United States, there are  
49 three primary ratings agencies: Standard & Poor’s (“S&P”), Moody’s, and  
50 Fitch.

51 **Q WHAT ROLE DO CREDIT RATINGS PLAY IN THE REGULATED UTILITY**  
52 **INDUSTRY?**

53 A Credit ratings are important in this industry for several reasons. First, because  
54 utilities operate in a capital-intensive industry, they are constantly seeking  
55 external debt capital to fund capital expenditures. As previously mentioned,  
56 credit ratings provide a level of indicated overall risk. Generally, higher ratings  
57 are associated with lower risk, which leads to lower cost of debt and more  
58 investors willing to provide capital on reasonable terms and prices.

59 Credit ratings, while designed for the debt-side of external capital, even  
60 play a role on the equity-side. For example, some institutional investors such  
61 as endowment funds and pension funds, have a mandate to invest in

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<sup>1</sup>Throughout my testimony, I will use several terms that are to be considered interchangeable with credit ratings such as, ratings, issuer ratings, and corporate ratings.

62 companies that are rated at or above a certain rating level. Often times, these  
 63 types of investors are required to invest in investment-grade companies (or  
 64 those with ratings of BBB-/Baa3, or higher). Because credit ratings are a  
 65 measure of total risk and are easily observable, they also often are used to  
 66 develop a proxy group that is then used to estimate the cost of equity capital in  
 67 utility rate cases. I have provided the ratings scales for Moody's and S&P  
 68 below in Table 1, with PacifiCorp's current ratings boxed in.

**Table 1**  
**Ratings Scales**

	<b><u>Moody's</u></b>	<b><u>S&amp;P</u></b>
Investment Grade	Aaa	AAA
	Aa1	AA+
	Aa2	AA
	Aa3	AA-
	A1	A+
	A2	<b>A</b>
	<b>A3</b>	A-
	Baa1	BBB+
	Baa2	BBB
	Baa3	BBB-
Speculative Grade	Ba1	BB+
	Ba2	BB
	Ba3	BB-
	B1	B+
	B2	B
	B3	B-
	Caa1	CCC+
	Caa2	CCC
	Caa3	CCC-
	Ca	CC
	C	C
	-	D

69 Q WHAT ARE RMP'S CURRENT RATINGS FROM THE VARIOUS RATINGS  
70 AGENCIES?

71 A RMP's ratings, as assigned to PacifiCorp, are A/A3/A- from S&P, Moody's,  
72 and Fitch, respectively. Berkshire Hathaway Energy's ("BHE"), ratings are  
73 A/A3/BBB+ from S&P, Moody's, and Fitch respectively. All three ratings  
74 agencies currently have a "Stable" outlook for the Company and BHE.

75 Q HAVE ANY OF THE RATINGS AGENCIES TAKEN RATINGS ACTIONS  
76 AGAINST THE UTILITY INDUSTRY AS A DIRECT RESULT OF TCJA?

77 A Yes. Based on recent reports, the outlooks appear to be mixed from "Stable"  
78 or "Negative" over the short-term, to "Positive" over the long-term. While the  
79 overall impact on individual companies is uncertain at this time, one thing that  
80 all three agencies seem to agree on is that the impact resulting from the TCJA  
81 are going to vary widely across the industry and between parent holding  
82 companies and their operating utility subsidiaries. For example, in a recent  
83 report S&P stated the following:

84 **Ratings Outlook:**  
85 Rating trends across regulated utilities in North America  
86 remain mostly stable supported by stable regulatory  
87 oversight, mostly flat demand for utility services, but  
88 tempered by aggressive capital spending and tax reform  
89 considerations in the U.S. that will keep credit metrics from  
90 improving and weaken some entities depending on individual  
91 tax situations and regulatory/management responses.  
92 Emerging new technological and regulatory trends in  
93 historically stable Canada and the U.S. may have  
94 far-reaching effect on utilities over time, but we see limited  
95 influence from those factors in 2018.

96 **Industry Trends:**

97 The utility sector in the U.S. and Canada is stable with some  
98 modest downside ratings exposure, consistent with our  
99 general ratings outlook and the nature of the essential  
100 products and services utilities sell. Tax reform in the U.S. has  
101 emerged as a more urgent issue and could on a case-by-  
102 case basis result in downgrades. However, the industry as a  
103 whole is well positioned to withstand mild shocks, and we see  
104 steady growth and stable credit quality overall.<sup>2</sup>

105 Similarly, Fitch had the following to say:

106 The Tax Cuts and Jobs Act signed into law on Dec. 22, 2017  
107 has negative credit implications for U.S. regulated utilities and  
108 utility holding companies over the short-to-medium term,  
109 according to Fitch Ratings. A reduction in customer bills to  
110 reflect lower federal income taxes and return of excess  
111 accumulated deferred income taxes is expected to lower  
112 revenues and funds from operations (FFO) across the sector.  
113 Absent mitigating strategies on the regulatory front, this is  
114 expected to lead to weaker credit metrics and negative rating  
115 actions for those issuers that have limited headroom to  
116 absorb the leverage creep.

117 State regulators have begun to examine the impact of tax  
118 reform on the regulated utilities in their state. While most  
119 state regulators will seek to provide some sort of rate relief to  
120 customers, they may be open to a negotiated outcome that  
121 also preserves the creditworthiness of the utilities.  
122 Management actions to defend their credit profiles are also  
123 important in assessing the future rating trajectory of an  
124 issuer. Overall, Fitch expects rating actions to be limited and  
125 on a case by case basis. Holding companies are more  
126 vulnerable given the elevated leverage profile for many driven  
127 by past debt funded acquisitions.

128 Over a longer-term perspective, Fitch views tax reform as  
129 modestly positive for utilities. The sector retained the  
130 deductibility of interest expense, which would have otherwise  
131 significantly impacted cost of capital for this capital intensive  
132 sector. The exemption from 100% capex expensing is also  
133 welcome news for the sector, which has seen years of bonus  
134 depreciation reduce rate base leading to lower earnings.

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<sup>2</sup>S&P Global Ratings, "Industry Top Trends 2018: North America Regulated Utilities", January 25, 2018 at 1 (emphasis added).

135 Finally, the reduction in federal income taxes lowers cost of  
136 service to customers, providing utilities headroom to increase  
137 rates for capital  
138 investments.<sup>3</sup>

139 Finally, Moody's had the following to say:

140 Tax reform is credit negative for US regulated utilities  
141 because the lower 21% statutory tax rate reduces cash  
142 collected from customers, while the loss of bonus  
143 depreciation reduces tax deferrals, all else being equal.  
144 Moody's calculates that the recent changes in tax laws will  
145 dilute a utility's ratio of cash flow before changes in working  
146 capital to debt by approximately 150 - 250 basis points on  
147 average, depending to some degree on the size of the  
148 company's capital expenditure programs. From a leverage  
149 perspective, Moody's estimates that debt to total  
150 capitalization ratios will increase, based on the lower value of  
151 deferred tax liabilities.

152 The change in outlook to negative from stable for the 24  
153 companies affected in this rating action primarily reflects the  
154 incremental cash flow shortfall caused by tax reform on  
155 projected financial metrics that were already weak, or were  
156 expected to become weak, given the existing rating for those  
157 companies. The negative outlook also considers the  
158 uncertainty over the timing of any regulatory actions or other  
159 changes to corporate finance policies made to offset the  
160 financial impact.

161 The vast majority of US regulated utilities, however, continue  
162 to maintain stable rating outlooks. We do not expect the cash  
163 flow reduction associated with tax reform to materially impact  
164 their credit profiles because sufficient cushion exists within  
165 projected financial metrics for their current ratings.  
166 Nonetheless, further actions could occur on a company  
167 specific basis.<sup>4</sup>

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<sup>3</sup>FitchRatings, "Fitch: Tax Reform Creates Near-term Credit Pressure for U.S. Utilities", January 24, 2018 (emphasis added).

<sup>4</sup>Moody's Investors Service, "Rating Action: Moody's changes outlooks on 25 us regulated utilities primarily impacted by tax reform", January 19, 2018 (emphasis added).

168                   Then, in June, Moody's issued a report changing its short-term outlook  
169 of the industry to negative.<sup>5</sup>

170 **Q     DID MOODY'S PROVIDE ANY INSIGHT ON WHY IT CHANGED THE**  
171 **SHORT-TERM INDUSTRY OUTLOOK IN ITS JUNE ANNOUNCEMENT?**

172 A     Moody's cited two primary causes for its change in the short-term outlook:  
173 (1) higher holding company debt levels and (2) lower deferred tax  
174 contributions to cash flow.

175 **Q     WERE RMP OR ITS PARENT, BHE, IMPACTED BY THOSE ACTIONS**  
176 **TAKEN BY MOODY'S?**

177 A     No. I am not aware of RMP, or BHE, receiving a ratings downgrade or a  
178 change in its outlook by Moody's since the TCJA was signed into law. The  
179 "stable" outlooks issued for both entities since the TCJA was signed into law  
180 would appear to confirm that Moody's has seen no reason to change the  
181 outlook of RMP or BHE. In other words, the two primary causes for Moody's  
182 change in the outlook for the industry are not currently a major threat to RMP  
183 or BHE.

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<sup>5</sup>Moody's Investor Service, "Rating Action: Moody's changes the US regulated utility sector outlook to negative from stable," June 18, 2018.

184 **II. Response to RMP's Proposed Treatment of Tax Benefits**

185 **Q WHAT HAS RMP IDENTIFIED AS THE POTENTIAL AMOUNT OF TAX**  
186 **BENEFITS RESULTING FROM THE TCJA?**

187 A RMP has identified an annual amount of \$65.9 million in current tax benefits  
188 and \$26.4 million in property-related EDIT. This results in an annual revenue  
189 requirement benefit of \$92.3 million, not including non-property non-protected  
190 EDIT.<sup>6</sup>

191 **Q WHAT METHODS HAS RMP PROPOSED TO RETURN THE TCJA**  
192 **BENEFITS?**

193 A Effective May 1, 2018, RMP began refunding to customers \$61 million of  
194 current tax benefits. RMP is proposing to maintain that level of refunds in  
195 rates, while deferring the remaining \$4.9 million of current annual tax benefits  
196 and an annual amount of \$26.4 million property-related EDIT determined by  
197 the average rate assumption method ("ARAM"), to be used as an offset to  
198 future cost increases and regulatory assets. The Company states that its  
199 proposal is grounded in gradualism and rate stability.<sup>7</sup>

200 RMP has identified a non-property related EDIT balance of  
201 \$22.6 million, and proposes to amortize this balance over a five-year period at  
202 the conclusion of the next general rate case, "or at another time as approved  
203 by the Commission."<sup>8</sup>

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<sup>6</sup>Direct Testimony of Steven R. McDougal, page 4.

<sup>7</sup>*Id.* at 6.

<sup>8</sup>*Id.* at 8.

204 **Q DO YOU HAVE ANY INITIAL CONCERNS WITH RMP'S PROPOSAL?**

205 A Yes, I do. As an initial matter, RMP is proposing to include non-protected  
206 property in the ARAM amortization. There is no requirement to amortize back,  
207 or normalize, non-protected EDIT (property-related or not) over ARAM. As a  
208 result, RMP's proposal introduces intergenerational inequities that are unfair to  
209 the customers that have funded the EDIT during past years.

210 Should the Company's proposal to amortize non-protected  
211 property-related EDIT over ARAM be accepted, it will take approximately  
212 35 years for customers to realize the full benefit of non-protected EDIT, as  
213 shown in Table 2 below.

<b>Table 2</b>	
<b><u>Implied ARAM Amortization Period</u></b>	
<b><u>Description</u></b>	<b><u>Utah Amount (\$000)</u></b>
Property Related EDIT <sup>1</sup> :	
Protected	\$ 612,362
Non-Protected	<u>104,934</u>
Total	\$ 717,296
Annual Amortization <sup>2</sup>	\$ 20,470
Implied ARAM Period	35.04 Years
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Sources:	
<sup>1</sup> McDougal Direct, August 2 replacement page 9.	
<sup>2</sup> McDougal Direct, page 8.	

214 This means that future customers unnecessarily will be receiving an  
215 EDIT benefit that was funded by previous generations of RMP customers,  
216 while those customers who have funded the EDIT benefit may not receive an  
217 equitable share of the EDIT.

218 RMP's proposed amortization period of five years for the non-property  
219 non-protected balance seems reasonable as this method returns  
220 non-protected EDIT to customers in a fashion that practically eliminates  
221 intergenerational inequities. However, the five-year amortization period needs  
222 to begin sooner, rather than later, for the same intergenerational inequity  
223 reason identified above. Furthermore, RMP has [REDACTED]  
224 [REDACTED],<sup>9</sup> further delaying  
225 the return of non-protected EDIT. In addition, it would be preferable to  
226 amortize all non-protected EDIT, not just non-property, over the five-year  
227 period.

228 **Q SINCE ITS JULY FILING, HAS RMP ESTIMATED ITS CREDIT METRICS**  
229 **UNDER VARIOUS SCENARIOS?**

230 A RMP has provided the estimated credit metrics produced by an alternative  
231 analysis included in its Confidential Attachment to DPU 1.2 3<sup>rd</sup> Supplemental.  
232 Rather than calculating its pro forma credit metrics under several scenarios as  
233 requested by the parties in this case, RMP provided the underlying high-level

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<sup>9</sup>Confidential Exhibit RMP\_\_\_\_(NLK-1) Page 5.

234 model supporting Confidential Attachment to DPU 1.2 3<sup>rd</sup> Supplemental in its  
235 response to UIEC 12.2.

236 **Q PLEASE BRIEFLY DESCRIBE THE UNDERLYING ASSUMPTIONS RMP**  
237 **MADE IN ITS ALTERNATIVE ANALYSIS.**

238 A Relative to its July 10 proposal, the primary difference is that RMP's  
239 alternative analysis assumes that it amortizes all non-protected EDIT over a  
240 five-year period beginning on January 1, 2019.

241 **Q PLEASE DESCRIBE RMP'S ESTIMATED CREDIT METRICS AS**  
242 **PROVIDED IN ITS CONFIDENTIAL ATTACHMENT TO DPU 1.2 3<sup>rd</sup>**  
243 **SUPPLEMENTAL RESPONSE.**

244 A As shown on the Confidential Attachment, the Moody's FFO-to-Debt metric,<sup>10</sup>  
245 on a three-year average basis, [REDACTED].

246 **Q HOW DO THESE PROJECTED METRICS COMPARE TO WHAT MOODY'S**  
247 **HAS STATED IN ITS MOST RECENT CREDIT OPINION OF THE**  
248 **COMPANY?**

249 A In its June 2018 report, Moody's described the factors that could lead to a  
250 potential downgrade. Moody's stated the following:

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[REDACTED]

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<sup>10</sup>FFO = Funds From Operations. When discussing FFO-to-Debt pertaining to Moody's methodology, it is used interchangeable with CFO pre-WC to Debt. CFO pre-WC to Debt = Cash Flow from Operations pre-Working Capital-to-Debt

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[REDACTED]

<sup>11</sup>

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**Q DOES THIS MEAN THAT MOODY’S WILL TAKE ACTION ON RMP’S RATINGS?**

A Not necessarily. As mentioned above, Moody’s stated that, as an example, ratings “could” be downgraded [REDACTED]. This situation must be evaluated in context. First, the Company had to make several assumptions about how each of its jurisdictions will treat the various components of tax benefits associated with TCJA. Second, while we can see the forecast results out to 2020, it is not clear what the metrics will be thereafter. In addition, there are several reasons to believe that RMP’s credit metrics and cash flows will be stable to improving after the forecast period ending in 2020.

Moody’s provided additional information in its June 2018 Credit Opinion which indicates that RMP benefits from several other credit supportive factors that will not change, [REDACTED]. Furthermore, Moody’s provided a short list of [REDACTED] “credit weaknesses” for RMP: [REDACTED]

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<sup>11</sup>Confidential Exhibit RMP\_\_\_\_(NLK-1) Page 2 (emphasis added).

275 [REDACTED]. Importantly, pressure on cash flows and credit metrics as a result  
276 of the TCJA is not a listed credit weakness.

277 **Q PLEASE EXPLAIN WHY YOU BELIEVE RMP'S CREDIT METRICS AND**  
278 **CASH FLOWS WILL BE STABLE TO IMPROVING AFTER 2020.**

279 A It is reasonable to expect RMP's cash flows to be stable or improving after  
280 2020 because a large portion of the tax benefits will have been returned to  
281 customers over five years. Once the five year amortization is over, the  
282 Company would see an increase in cash flows and its credit metrics in the  
283 near future, all else constant. Further, as the Company continues to invest in  
284 plant and property, which it is planning to do with its approved Energy Vision  
285 2020 program, its rate base will grow, increasing future cash flows through  
286 depreciation expense and return on investment. RMP has indicated it will be  
287 filing a depreciation rate study as soon as next month, in which it is expecting  
288 "upward pressure on composite depreciation rates related to prior capital  
289 investment."<sup>12</sup> It should be noted that future ADIT will provide a benefit to  
290 cash flows as RMP continues to invest in its capital programs such as Energy  
291 Vision 2020.

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<sup>12</sup>Response to DPU 1.6.

292 **Q WHY IS THE LENGTH OF TIME RELEVANT TO HOW RATINGS**  
293 **AGENCIES VIEW CREDIT METRICS?**

294 A Ratings agencies typically do not take ratings actions based on short-lived  
295 temporary events, whether the event is temporarily credit positive or credit  
296 negative. Ratings actions could happen annually for some firms if this were  
297 the practice.

298 Ratings agencies tend to use multiple years of historical and/or  
299 projected results. For example, Moody's states the following:

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311 **Q ARE CREDIT METRICS THE ONLY FACTOR RATINGS AGENCIES RELY**  
312 **ON WHEN ASSESSING RMP'S CREDIT RATINGS?**

313 A No. Ratings agencies take into consideration many factors when assessing  
314 credit ratings. In fact, Moody's states that credit metrics, in total, are accorded  
315 [REDACTED] weight in assessing a utility's ratings. Moody's generally assesses [REDACTED]

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<sup>13</sup>Moody's Investor Service, "Rating Methodology: Regulated Electric and Gas Utilities," June 23, 2017 (emphasis added). Although this document is publicly available from Moody's website, RMP has classified it confidential in response to UIEC 12.4. UIEC disagrees with RMP's confidential classification of this document. In the interest of time and resources, UIEC has not yet formally challenged RMP's confidential claim. By treating this material as confidential in this testimony, UIEC, is not conceding that the material is confidential nor is it waiving its rights to make such a challenge in the future.

316 measurements of credit metrics in its credit ratings determination, of which the  
317 CFO pre-WC-to-debt (FFO-to-Debt) ratio [REDACTED] (out  
318 of 100%). Moody's also considers many other factors, including the [REDACTED]  
319 [REDACTED]  
320 [REDACTED]. Importantly, the FFO-to-  
321 Debt ratio carries less weight than the other factors such as the regulatory  
322 framework and the ability to recover costs. In addition, Moody's also takes  
323 into consideration affiliated companies and the corporate structure, and  
324 ring-fence separations.

325 Attached to my testimony is Confidential Exhibit UIEC\_\_\_(CCW-1)  
326 which details the several factors, and their weights, that Moody's relies on in  
327 determining credit ratings for regulated utilities.

328 **Q HAS MOODY'S MENTIONED ANY OF THESE OTHER 'FACTORS' IN**  
329 **ASSESSING RMP'S CREDIT RATINGS?**

330 **A** [REDACTED]. In its June 2018 Credit Opinion of PacifiCorp, Moody's stated the  
331 following:

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[REDACTED]

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As described by Moody's, PacifiCorp benefits from many of the other factors considered in its ratings assessment, including its affiliation with Berkshire Hathaway.

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**Q HAVE YOU MEASURED THE FORECASTED CREDIT METRICS BASED ON DIFFERENT SCENARIOS?**

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**A** Yes, I have. In my Confidential Exhibit UIEC\_\_\_\_(CCW-2), I have provided the forecast FFO-to-Debt ratio under two different scenarios. In the first scenario, I show the results of RMP's alternative analysis provided in its Confidential Attachment to DPU 1.2 3<sup>rd</sup> Supplemental, which includes a continuation of \$61 million return of the current tax benefit in Utah, while providing 100% of the current tax benefit in the remaining PacifiCorp jurisdictions, as well as a five-year amortization of all non-protected (property and non-property related) EDIT.

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In the second scenario, I show the results assuming a return of 100% of the current tax benefit, in all jurisdictions, including Utah. The pro forma adjustment to revenues is \$4.9 million per year during 2018-2020.

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<sup>14</sup>Confidential Exhibit RMP\_\_\_\_(NLK-1) Page 1 (emphasis added).

361 Q PLEASE DISCUSS THE RESULTING MOODY'S FFO-TO-DEBT RATIO  
362 UNDER YOUR PRO FORMA SCENARIO THAT ASSUMES 100% RETURN  
363 OF THE CURRENT TAX BENEFIT.

364 A [REDACTED]  
365 [REDACTED]  
366 [REDACTED]  
367 [REDACTED]. This change is driven  
368 by the \$4.9 million being returned to customers annually in my pro forma  
369 scenario.

370 It should be noted that the annual declines in 2019 and 2020 are  
371 temporary, and not expected to be sustained for a long period of time given  
372 that the assumed amortization period of the non-protected EDIT is only five  
373 years. The temporary nature of this particular refund to customers will be  
374 known to ratings analysts. After the amortization period has ended, RMP will  
375 see an improvement in cash flows.

376 The temporary nature of the five-year period of refunding money to  
377 customers, coupled with the potential for rate cases to recover cost increases  
378 as well as the return of and on new plant during the five year amortization  
379 period, indicates that post-2020, RMP can expect enhanced cash flows to  
380 support its credit metrics and credit ratings. As I have explained above, the  
381 credit pressures associated with refunding EDIT to customers is temporary  
382 and not expected to be sustained and that it is sustained credit pressures that  
383 the credit agencies consider.

384 Q DO YOU HAVE ANY SPECIFIC RECOMMENDATIONS REGARDING THE  
385 TREATMENT OF CURRENT TAXES AND EDIT AT THIS TIME?

386 A Yes. As an initial matter, I recommend the Commission order RMP to include  
387 in rates the full amount of the \$65.9 million of current tax benefits, or  
388 \$4.9 million more than what is currently being returned to customers. It is  
389 known that rates are currently over-collecting by at least \$4.9 million, making  
390 them unjust and unreasonable. There is no reason RMP should be able to  
391 continue to over-collect from customers. In addition, I recommend the  
392 Commission require RMP to begin returning all non-protected EDIT (property  
393 and non-property) over a five year period beginning January 1, 2019, rather  
394 than deferring the amortization until the next general rate case. Put another  
395 way, my recommendation is to adopt the alternative analysis that RMP  
396 provided in response to DPU 1.2 3<sup>rd</sup> Supplemental, plus returning to  
397 customers the remaining \$4.9 million currently being over-collected in rates.

398 As described above, and shown in my Confidential Exhibit  
399 UIEC\_\_(CCW-2), RMP's pro forma FFO-to-Debt ratio is [REDACTED]  
400 [REDACTED]. Further, this  
401 proposal mitigates practically all of the intergenerational inequities resulting  
402 from the Company's July proposal.

403 **Q PLEASE SUMMARIZE THE PRIMARY DIFFERENCES BETWEEN RMP'S**  
404 **PROPOSAL, THE ALTERNATIVE ANALYSIS IN RESPONSE TO DPU 1.2,**  
405 **AS WELL AS YOUR RECOMMENDATION, AS THEY RELATE TO UTAH.**

406 A The primary differences between RMP's proposal and DPU 1.2 relate to the  
407 treatment of non-protected EDIT. RMP's proposal would unnecessarily  
408 amortize property-related non-protected EDIT over ARAM (35 years) and  
409 would then amortize the non-property non-protected over five years beginning  
410 at the effective date from the next general rate case.

411 The analysis provided in DPU 1.2 begins to amortize all non-protected  
412 EDIT (property and non-property) over five years, beginning in 2019.

413 In short, as described above, my recommendation adopts the  
414 alternative analysis provided in response to DPU 1.2, plus returning to  
415 customers the remaining \$4.9 million in taxes currently being over-collected in  
416 rates.

417 **Q DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

418 A Yes.

**Qualifications of Christopher C. Walters**

1   **Q   PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2   A   Christopher C. Walters. My business address is 16690 Swingley Ridge Road,  
3   Suite 140, Chesterfield, MO 63017.

4   **Q   PLEASE STATE YOUR OCCUPATION.**

5   A   I am a Senior Consultant in the field of public utility regulation with the firm of  
6   Brubaker & Associates, Inc. ("BAI"), energy, economic and regulatory  
7   consultants.

8   **Q   PLEASE STATE YOUR EDUCATIONAL BACKGROUND AND  
9   PROFESSIONAL EMPLOYMENT EXPERIENCE.**

10  A   I graduated from Southern Illinois University Edwardsville in 2008 where I  
11  received a Bachelor of Science Degree in Business Economics and Finance. I  
12  graduated with a Master of Business Administration Degree from Lindenwood  
13  University in 2011.

14           In January 2009, I accepted the position Financial Representative with  
15  American General Finance and was promoted to Senior Assistant Manager.  
16  In this position I was responsible for assisting in the management of daily  
17  operations of the branch, analyzing and reporting on the performance of the  
18  branch to upper management, performing credit analyses for consumers and

19 small businesses, as well as assisting home buyers obtain mortgage  
20 financing.

21 In January 2011, I accepted the position of Analyst with BAI. As an  
22 Analyst, I performed detailed analysis, research, and general project support  
23 on regulatory and competitive procurement projects. In July 2013, I was  
24 promoted to the position of Associate Consultant. In January 2016, I was  
25 promoted to Consultant. In January 2018, I was promoted to Senior  
26 Consultant. As a Senior Consultant, I perform detailed technical analyses and  
27 research to support regulatory projects including expert testimony, and briefing  
28 assistance covering various regulatory issues. At BAI, I have been involved  
29 with several regulated projects for electric, natural gas and water and  
30 wastewater utilities, as well as competitive procurement of electric power and  
31 gas supply. My regulatory filing tasks have included measuring the cost of  
32 capital, capital structure evaluations, assessing financial integrity, merger and  
33 acquisition related issues, risk management related issues, depreciation rate  
34 studies, other revenue requirement issues and wholesale market and retail  
35 regulated power price forecasts. Since 2011, I have been working with BAI  
36 witnesses on utility rate of return filings. Specifically, I have assisted in  
37 analyzing rate of return studies, drafting discovery requests and analyzing  
38 responses, drafting testimony and exhibits and assisting with the review of the  
39 briefs in more than 30 states, two Canadian provinces, and the Federal  
40 Energy Regulatory Commission ("FERC").

41           BAI was formed in April 1995. BAI and its predecessor firm have  
42 participated in more than 700 regulatory proceedings in 40 states and  
43 Canada.

44           BAI provides consulting services in the economic, technical,  
45 accounting, and financial aspects of public utility rates and in the acquisition of  
46 utility and energy services through RFPs and negotiations, in both regulated  
47 and unregulated markets. Our clients include large industrial and institutional  
48 customers, some utilities and, on occasion, state regulatory agencies. We  
49 also prepare special studies and reports, forecasts, surveys and siting studies,  
50 and present seminars on utility-related issues.

51           In general, we are engaged in energy and regulatory consulting,  
52 economic analysis and contract negotiation. In addition to our main office in  
53 St. Louis, the firm also has branch offices in Phoenix, Arizona and Corpus  
54 Christi, Texas.

55   **Q    HAVE YOU EVER TESTIFIED BEFORE A REGULATORY BODY?**

56   A    Yes. I have sponsored testimony before state regulatory commissions  
57 including: Arkansas, Delaware, Florida, Kansas, Kentucky, Michigan,  
58 Minnesota, Ohio and Oklahoma. I have also filed an affidavit before the  
59 FERC.

60 Q PLEASE DESCRIBE ANY PROFESSIONAL REGISTRATIONS OR  
61 ORGANIZATIONS TO WHICH YOU BELONG.

62 A I earned the Chartered Financial Analyst (“CFA”) designation from the CFA  
63 Institute. The CFA charter was awarded after successfully completing three  
64 examinations which covered the subject areas of financial accounting and  
65 reporting analysis, corporate finance, economics, fixed income and equity  
66 valuation, derivatives, alternative investments, risk management, and profes-  
67 sional and ethical conduct. I am a member of the CFA Institute and the CFA  
68 Society of St. Louis.

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# Rocky Mountain Power

## Moody's Ratings Factors and Weights

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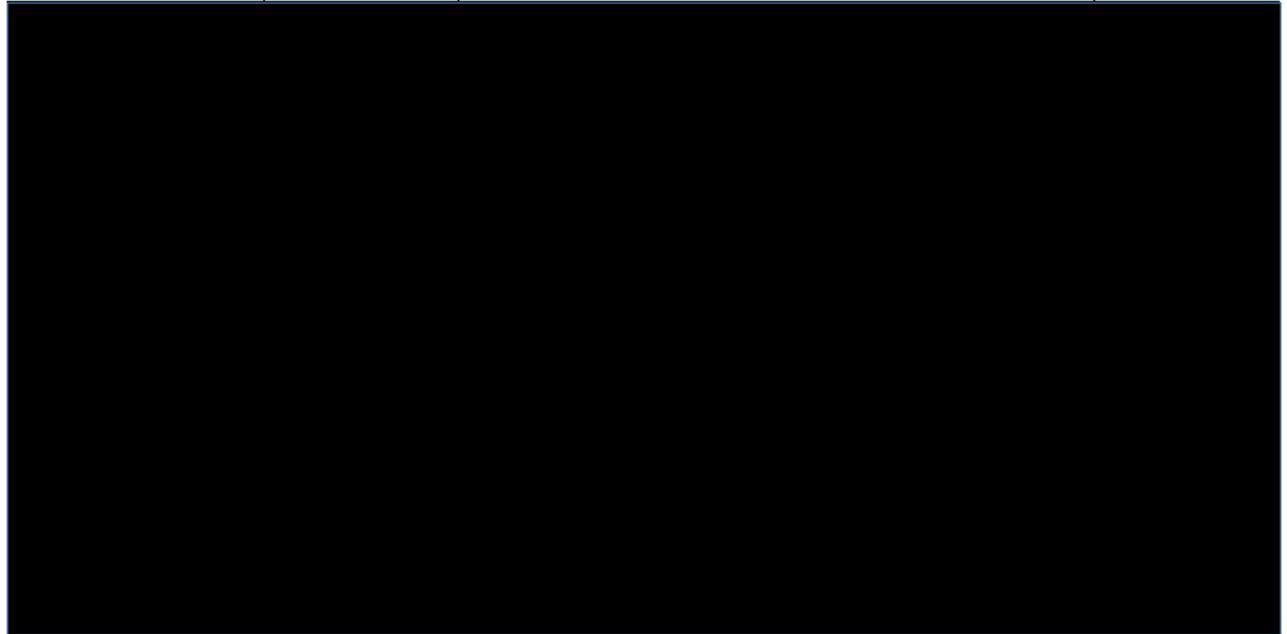
### 1. Identification and Discussion of the Rating Factors in the Grid

The grid in this rating methodology focuses on four rating factors. The four factors are comprised of sub-factors that provide further detail:

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#### Factor / Sub-Factor Weighting - Regulated Utilities

Broad Rating Factors	Broad Rating Factor Weighting	Rating Sub-Factor	Sub-Factor Weighting
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Source:

Moody's Investor Service, "Rating Methodology: Regulated Electric and Gas Utilities," June 23, 2017.

# Rocky Mountain Power

## Comparison of Pro Forma Credit Metrics

<u>Description</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
<b>RMP Alternative Analysis</b>					
FFO/Debt (Moody's) Three Year Average	[REDACTED]				
<b>100% Giveback of Current</b>					
FFO/Debt (Moody's) Three Year Average	[REDACTED]				