

1 **Q. Please state your name, business address with PacifiCorp dba Rocky**
2 **Mountain Power.**

3 A. My name is Steven R. McDougal, and my business address is 201 South Main,
4 Suite 2300, Salt Lake City, Utah, 84111.

5 **Qualifications**

6 **Q. What is your current position at the Company and what is your employment**
7 **history?**

8 A. I am currently employed as the director of revenue requirements for the
9 Company. I have been employed by Rocky Mountain Power or its predecessor
10 companies since 1983. My experience at Rocky Mountain Power includes various
11 positions within regulation, finance, resource planning, and internal audit.

12 **Q. What are your responsibilities as director of revenue requirements?**

13 A. My primary responsibilities include overseeing the calculation and reporting of
14 the Company's regulated earnings or revenue requirement, assuring that the inter-
15 jurisdictional cost allocation methodology is correctly applied, and explaining
16 those calculations to regulators in the jurisdictions in which the Company
17 operates.

18 **Q. What is your educational background?**

19 A. I received a Master of Accountancy from Brigham Young University with an
20 emphasis in Management Advisory Services in 1983 and a Bachelor of Science
21 degree in Accounting from Brigham Young University in 1982. In addition to my
22 formal education, I have also attended various educational, professional, and
23 electric industry-related seminars.

24 **Q. Have you testified in previous proceedings?**

25 A. Yes. I have provided testimony before the Utah Public Service Commission, the
26 Washington Utilities and Transportation Commission, the California Public
27 Utilities Commission, the Idaho Public Utilities Commission, the Wyoming
28 Public Service Commission, and the Utah State Tax Commission.

29 **Purpose of Testimony**

30 **Q. What is the purpose of your direct testimony?**

31 A. My direct testimony explains and supports the Company's application to recover
32 the increased revenue requirement of \$33.7 million for two major plant additions,
33 namely, the Ben Lomond to Terminal transmission line and the Dave Johnston
34 Unit 3 pollution control investments. I also explain the Company's proposal to
35 defer these costs for later recovery as allowed by statute. In addition to my
36 testimony, several Company witnesses provide testimony supporting the
37 development of these projects, along with the expected costs and benefits. I will
38 identify these Company witnesses and the subject of their respective testimony.

39 **Q. Please explain the circumstances that gave rise to this filing.**

40 A. In the Company's most recent case, Docket No. 09-035-23, the Company and
41 intervening parties reached an agreement May 14, 2009, that specified a filing
42 schedule for major plant addition cases in 2010 and the Company's next general
43 rate case in 2011. The settlement agreement was approved by the Commission
44 June 1, 2009. Paragraph 10(a) of that agreement states:

45 10. Single Item Rate Cases.

46 a. Ben Lomond to Terminal Transmission Line Segment and Dave Johnston
47 Scrubber Projects. The Company anticipates that (i) the capital additions of
48 scrubbers to the Dave Johnston Power Station will be completed by May 2010
49 and (ii) the Ben Lomond to Terminal Transmission Line Segment will be

50 completed by June 2010. No projected costs or revenues associated with the
51 foregoing projects will be included in the Company's 2009 General Rate Case.
52 The Company intends to file an application on or after February 1, 2010 for
53 single item rate recovery of the foregoing capital projects pursuant to Utah Code
54 Anno. § 54-7-13.4 (the "Act"). The Parties agree not to oppose the Company's
55 right to file or time of filing (assuming consistency with the 90 and/or 150 days
56 stated in the Act) of the Company's application for approval of rate recovery for
57 the foregoing projects. All Parties reserve and retain the right to take or make any
58 and all substantive positions, claims or objections going to the merits, prudence
59 (if a prudence review has not already been made under the Energy Resource
60 Procurement Act) or amount of recovery in connection with such filings.

61
62 Consistent with that agreement, the Company is filing this application to address
63 the cost recovery of the costs associated with pollution control equipment at Dave
64 Johnston Unit 3 and the Ben Lomond to Terminal transmission line.

65 **Q. Do the investments qualify for alternative cost recovery for major plant**
66 **additions as outlined in Utah Code Section 54-7-13.4?**

67 A. Yes. One percent of the Company's Utah rate base approved by the Commission
68 in Docket No. 08-035-38 was \$44.9 million. One percent of Utah's rate base
69 included in the Company's rebuttal filing in Docket No. 09-035-23 is \$46.3
70 million and each of the plant additions exceed this threshold. Additionally, the
71 filing is being made within the eighteen month window required by the statute
72 whether based on the revenue requirement or final order in Docket No. 08-035-38
73 or on the current rate case docket.

74 **Revenue Requirement Summary**

75 **Q. What is the revenue requirement related to the two major plant additions**
76 **addressed in this application?**

77 A. The following table summarizes the overall requested revenue requirement of
78 each of the projects, allocated to Utah:

\$ millions

Dave Johnston Unit #3 Scrubber	\$	18.3
Ben Lomond to Terminal Transmission Line	\$	15.4
Total Revenue Requirement	\$	<u>33.7</u>

79 Total Company revenue requirement components are allocated among the
80 Company’s jurisdictions using the Revised Protocol allocation method, as
81 approved by the Utah Public Service Commission (“Commission”) in Docket No.
82 02-035-04. However, pursuant to the Stipulation reached between the Company
83 and participants in the Multi-State Process, and approved by the Commission,
84 Utah revenue requirement is currently limited to the lesser of the amount derived
85 using the Revised Protocol method or the amount derived using the Rolled In
86 method multiplied by 101 percent (the Rate Mitigation Cap).

87 The capital included in this major plant addition filing is allocated on a
88 system generation (“SG”) factor which is the same under both revised protocol
89 and rolled-in allocation methodologies. The rate change in Docket No. 08-035-38
90 and the proposed rate change in Docket No. 09-035-23 were both calculated using
91 the capped revenue requirement based on the Rolled In allocation multiplied by
92 101 percent. Consequently, I have computed the Utah allocated revenue
93 requirement for each project in this application consistent with the rate changes in
94 those dockets using Rolled In multiplied by 101 percent. Exhibit RMP___(SRM-
95 1) provides further numerical details supporting the Utah-allocated revenue
96 requirement of each project.

97 **Q. What is the return on equity (“ROE”) used in this application?**

98 A. The Company has used an ROE of 11 percent consistent with the Company’s

99 rebuttal filing in Docket No. 09-035-23. The Company anticipates submitting an
100 updated revenue requirement model in this filing incorporating the authorized
101 ROE and capital structure as a result of the Commission's pending order. At that
102 time the Company would revise the net revenue requirement of the two projects
103 included in this application.

104 **Revenue Requirement Preparation**

105 **Q. Please describe Exhibit RMP___(SRM-1).**

106 A. Exhibit RMP___(SRM-1) contains the numerical details and calculations
107 supporting the revenue requirement of each project and the allocation to Utah.
108 Page 1.0 is a summary by project of the net incremental revenue requirement, in a
109 format similar to that used by the Company in its previous general rate cases. The
110 first column on page 1.0 ties to the Utah Rolled In results from Docket No. 09-
111 035-23, Exhibit RMP___(SRM-2R), page 9.2. As mentioned above, the Rolled In
112 amounts are used because rates in the above mentioned docket are based on 101
113 percent of Rolled In. The next two columns show the impact of the two plant
114 additions. The far right column shows the incremental results after the adding the
115 two major plant additions.

116 Pages 2.0 through 2.6 contain the detailed numerical calculations for the
117 Dave Johnston Unit 3 scrubber, and pages 3.0 through 3.5 contain the same
118 details for the Ben Lomond to Terminal transmission line. Pages 4.1 through 4.3
119 contain the inter-jurisdictional allocation factors used to allocate revenue
120 requirement components to Utah.

121

122 **Q. Please explain how the revenue requirement of the plant additions was**
123 **prepared.**

124 A. The revenue requirement of each plant addition was calculated using the same
125 model and methods employed by the Company in its general rate cases. Each
126 plant addition was treated as an incremental adjustment to a “base case” revenue
127 requirement for the Company’s Utah jurisdiction. The Company utilized the
128 Jurisdictional Allocation Model (“JAM”) to allocate the various individual
129 revenue requirement components to the state of Utah and compute the net
130 increase in revenue requirement for each project. The working model used to
131 prepare these pages has been included in folder D.1 of the Filing Requirements
132 CD.

133 **Q. What did the Company use for the “base case” mentioned above?**

134 A. The starting point in this case is the Company’s rebuttal filing from Docket No.
135 09-035-23. This is the most recent general rate case filed by the Company, and the
136 rebuttal results represent the most current filing by the Company for which
137 complete model runs were filed for revenue requirement and net power costs.
138 These base scenarios are needed as the starting point from which to calculate the
139 incremental impacts of the individual plant additions.

140 **Q. How were the major plant additions incorporated into the “base case”**
141 **results?**

142 A. As mentioned, each project was treated as an incremental adjustment to the “base
143 case” and entered into the JAM similar to adjustments in past Company filings.

144 Adjustment lead sheets and supporting calculations are provided on pages 2.0
145 through 2.6 and pages 3.0 through 3.5 of Exhibit RMP___(SRM-1). Each
146 adjustment includes the incremental change to rate base, depreciation expense,
147 operation and maintenance expenses (including any impact on system net power
148 costs), and other items such as property taxes, miscellaneous revenue, and income
149 taxes. Incremental rate base was computed using average balances, with electric
150 plant in service and accumulated depreciation reserve on a 13-month average.

151 **Q. Do your calculations include the impact on overall revenue requirement of**
152 **any changes in inter-jurisdictional allocation factors resulting from these**
153 **plant additions?**

154 A. Yes. Consistent with Filing Requirement C.5 of Utah Code Section 54-7-13.4,
155 allocation factors were allowed to remain dynamic in the JAM, and were updated
156 coincident with the inclusion of each plant addition in the JAM. Page 4.3 of
157 Exhibit RMP___(SRM-1) details the change in allocation factors compared to the
158 Company's rebuttal filing in Docket 09-035-23.

159 The one exception to the above is the "IBT" factor, which has been held
160 consistent with the values included in the Company's rebuttal position in Docket
161 No. 09-035-23. It was necessary to hold this factor constant since not all
162 components in the case, including expected revenue from other states, were
163 updated.

164 **Dave Johnston Unit 3 Pollution Control Equipment**

165 **Q. Please describe the various components comprising the revenue requirement**
166 **calculation for the Dave Johnston Unit 3 pollution control investment.**

167 A. The following data inputs were used to calculate the revenue requirement for the
168 Dave Johnston Unit 3 investment:

- 169 • In-service date of May 31, 2010.
- 170 • Capital additions totaling \$293.4 million on a 13-month average basis
171 from June 30, 2010 through June 30, 2011.
- 172 • Capital retirements totaling \$19.9 million are removed from results as
173 of the May 2010 in-service date.
- 174 • Depreciation expense totaling \$7.8 million is included in results for the
175 12-month period ending June 2011 by applying a Dave Johnston plant
176 specific composite depreciation rate of 2.86 percent to projected net
177 capital additions.
- 178 • Depreciation reserve totaling \$14.7 million is also included on a 13-
179 month average basis consistent with net capital additions.
- 180 • Incremental O&M expense totaling \$1.45 million is included in for the
181 first year of operation. These expenses represent incremental costs the
182 Company will incur during the first year to operate the newly installed
183 scrubber. These incremental costs include maintenance, re-agent
184 (chemicals), and waste disposal.
- 185 • Incremental revenue from the sale of SO₂ emission allowances
186 totaling \$1.04 million is included in results on a monthly basis which
187 includes sales of 6,600 tons priced at \$157/ton and amortized over a
188 four year period consistent with the Commission order in Docket No.

189 97-035-01. Please see the direct testimony of Mr. Chad A. Teply for a
190 more detailed discussion on SO2 emissions.

191 • Incremental net power costs totaling \$1.6 million are included based
192 on the degradation of plant output related to the scrubber. Please see
193 the direct testimony of Dr. Hui Shu for a more detailed discussion
194 regarding net power costs.

195 • All tax-related entries necessary to include the capital additions and
196 related book and tax depreciation adjustments were calculated
197 consistent with the methodology used in Utah Docket No. 09-035-23.

198 **Ben Lomond to Terminal Transmission Line**

199 **Q. Please describe the various components comprising the revenue requirement**
200 **calculation for the Ben Lomond to Terminal transmission line.**

201 A. The following data inputs were used in calculating the revenue requirement for
202 the Ben Lomond to Terminal transmission line segment investment:

- 203 • In-service date of June 30, 2010.
- 204 • Capital additions of \$49.3 million are included in results as of December
205 2009 and an additional \$218.9 million through June 30, 2010 on a 13-
206 month average basis through June 30, 2011 for a total capital addition
207 investment of \$268.2 million. Consistent with the language in the test
208 period stipulation mentioned above, none of the costs of this project were
209 included in the revenue requirement in Docket No. 09-035-23.
- 210 • Capital retirements totaling \$1.7 million are removed from results as of
211 December 2009 with an additional \$700 thousand in June 2010.

- 212 • Depreciation expense totaling \$5.2 million is included in results for the
213 12-month period ending June 2011 by applying a transmission-specific
214 composite depreciation rate of 2.03 percent to projected net capital
215 additions.
- 216 • Depreciation reserve totaling \$1.3 million is also included on a 13-month
217 average basis consistent with net capital additions. An additional \$3.3
218 million of removal costs associated with the December 2009 retirements
219 are included as an offset to depreciation reserve.
- 220 • Incremental O&M expense is included in results totaling \$16,500. These
221 expenses represent incremental costs the Company will incur during the
222 first year of operation, including two fly-over inspections and one ground
223 patrol inspection.
- 224 • Property tax expense totaling \$1.4 million is included in results by taking
225 into account the anticipated increase in assessed value and tax expense
226 through June 30, 2011. Property tax expense was estimated by applying
227 historical jurisdictional specific tax rates and assessment ratios to each
228 project's total capital costs.
- 229 • All tax related entries necessary to include the capital additions and related
230 book and tax depreciation adjustments were calculated consistent with the
231 methodology used in Utah Docket No. 09-035-23.

232 **Method of Cost Recovery**

233 **Q. Is the Company requesting approval to change retail rates as a result of this**
234 **application?**

235 A. No, not at this time. The Company is requesting authority to defer for later cost
236 recovery the revenue requirement resulting from these two major plant
237 investments, effective July 1, 2010.

238 **Q. Please explain the deferred accounting treatment.**

239 A. The Company is requesting to defer the incremental revenue requirement for the
240 Dave Johnston Unit 3 investment and the Ben Lomond to Terminal transmission
241 line investment for inclusion in retail rates at a later time. The deferral will be
242 booked monthly, beginning with the effective date of a Commission order, which
243 is anticipated to be effective July 1, 2010. Interest at the rate of return on rate base
244 most recently approved by the Commission will be added to the deferral monthly
245 based on the beginning balance for that month. The deferred revenue requirement
246 would be accumulated as a regulatory asset on the Company's books until it is
247 amortized in rates in a future rate change proceeding. The Company proposes that
248 rates be adjusted in the future following a second application for cost recovery for
249 major plant additions. Currently, the Company anticipates filing a second major
250 plant additions filing in August 2010, and would likely propose that retail rates be
251 adjusted effective January 1, 2011. That rate adjustment could be set to begin
252 recovering the revenue requirement from both major plant addition applications
253 and any associated carrying charges at that time.

254 **Witnesses**

255 **Q. Please identify the other Company witnesses in this application and the**
256 **purpose of their direct testimony.**

257 A. The following Company personnel have provided direct testimony addressing

258 various issues in this application:

- 259 • Mr. John A. Cupparo, vice president of transmission for PacifiCorp,
260 provides an overview of the Ben Lomond to Terminal transmission line
261 and the Company's transmission system and expansion plan, and
262 demonstrates how the Ben Lomond to Terminal transmission line is
263 beneficial to customers.
- 264 • Mr. Darrell T. Gerrard, vice president of transmission system planning for
265 PacifiCorp, provides additional details and technical information on the
266 Company's decision to build the double-circuit 345kv Populus to
267 Terminal transmission line and on the construction of the line.
- 268 • Mr. Chad A. Teply, vice president of resource development and
269 construction for PacifiCorp Energy, provides information on the necessity
270 and prudence of environmental improvements made to the Dave Johnston
271 Unit 3 power plant and describes the impacts this investment will have on
272 plant.
- 273 • Dr. Hui Shu, manager of net power costs, presents the net power cost
274 impact of the major plant additions.
- 275 • Mr. Bruce N. Williams, vice president and treasurer of PacifiCorp,
276 describes how the Company financed the construction of the major plant
277 additions.

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

279 A. Yes.