

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

3 A. My name is A. Robert Lasich. My business address is 1407 West North Temple,
4 Suite 320, Salt Lake City, Utah. My position is president of PacifiCorp Energy.

5 **QUALIFICATIONS**

6 **Q. Please describe your education and business experience.**

7 A. I have a bachelor of arts degree from Indiana University, a master's degree in
8 business administration from the University of Cincinnati and a law degree from
9 Indiana University. I joined MidAmerican Energy Company in October 1997 and
10 have held positions of increasing responsibility, including senior attorney, vice
11 president, gas supply and trading and vice president, MidAmerican Energy
12 Holdings Company, responsible for integration and transition matters related to
13 the acquisition of PacifiCorp. Prior to that, I was with the law firm of Dale & Eke
14 P.C., where I focused on real estate and corporate law. Prior to admission to the
15 practice of law, I held several accounting and financial positions with Cabot
16 Corporation and its successor organizations. I was appointed president of
17 PacifiCorp Energy in August 2007 after 1 1/2 years as vice president and general
18 counsel, and was elected to the PacifiCorp board of directors in March 2006. As
19 president, I have responsibility for the electric generation, commercial and energy
20 trading, and coal-mining operations of the Company.

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

22 A. I will layout the decision making process that the Company uses to (1) identify
23 the need for, (2) the selection of and (3) the justification of new supply-side

24 resources.

25 I will explain the reason for and prudence of major supply-side resource
26 additions and the planned increases to generation related operation and
27 maintenance (O&M) expenses included in the test year through June 30, 2009.

28 I will describe the Company's natural gas supply strategy that is designed
29 to provide a stable and predictable natural gas supply in a manner that mitigates
30 price volatility and ensures reliable supply.

31 Finally I will address the Company's decision to terminate the West
32 Valley lease from PPM Energy, Inc.

33 **Q. Please briefly explain how you will support the prudence of supply-side**
34 **resources in your testimony.**

35 A. I will start by describing the integrated resource plan (IRP) and how that strategic
36 tool is utilized to assist the Company in identifying and quantifying the need and
37 timing of new supply-side resources, I will outline the regulatory request for
38 proposal process and how that market-based tool assists the Company in
39 identifying the most cost-effective resources, and then I will briefly describe the
40 Company's decision making process to select supply-side resources.

41 With respect to the prudence of supply-side resources, I begin with the
42 Lake Side combined cycle plant; then move to the Leaning Juniper 1, Marengo,
43 Marengo II, Goodnoe Hills, Glenrock and Seven Mile Hill wind projects; and
44 finally to the Blundell Bottoming Cycle project. I will explain the decision
45 making process that led the Company to conclude there was a resource need, how
46 the plants were acquired, and the technology, size, location and cost impact of

47 each facility.

48 Finally I will address the Company's decision to terminate the West
49 Valley lease from PPM Energy, Inc.

50 **INTEGRATED RESOURCE PLAN**

51 **Q. Please briefly describe the integrated resource plan.**

52 A. The IRP is a strategic planning tool that presents a framework of future actions to
53 ensure PacifiCorp continues to provide reliable, least-cost service with
54 manageable and reasonable risk to its customers. The IRP builds on PacifiCorp's
55 prior resource planning efforts and reflects significant advancements in portfolio
56 modeling and risk analysis.

57 **Q. What is the main purpose of the IRP?**

58 A. The mandate for an IRP is to assure, on a long-term basis, an adequate and
59 reliable electricity supply at the lowest reasonable cost and in a manner
60 "consistent with the long-run public interest." The main role of the IRP is to serve
61 as a strategic roadmap to assist the Company in determining and implementing
62 the Company's long-term resource strategy. In doing so, it accounts for state
63 commission IRP requirements, the current view of the planning environment,
64 corporate business goals and MidAmerican Energy Holdings Company
65 transaction commitments that are related to IRP activities, such as the acquisition
66 of renewable resources.

67 As a strategic business planning tool, it supports informed decision-
68 making on resource procurement by providing an analytical framework for
69 assessing resource investment tradeoffs. As an external communications tool, the

70 IRP engages numerous stakeholders in the planning process and guides them
71 through the key decision points leading to the Company's preferred portfolio of
72 generation, demand-side and transmission resources.

73 The emphasis of the IRP is to determine the most robust resource plan
74 under a reasonably wide range of potential futures, as opposed to the optimal plan
75 for some expected view of the future. The modeling is intended to inform and
76 support rather than overshadow the expert judgment of the Company's decision-
77 makers. The preferred portfolio is not meant to be a static planning product, but
78 rather is expected to evolve as part of the ongoing planning process as new
79 information and circumstances become available. As a multi-objective planning
80 effort, the IRP must reach a balanced position upon considering several priorities
81 and accounting for diverse and sometimes conflicting stakeholder views. In short,
82 the IRP cannot be all things to all people. As the owner of the IRP, the Company
83 is uniquely positioned to determine the resource plan that best accomplishes IRP
84 objectives on a system-wide basis, thereby meeting customer, community and
85 investor obligations collectively.

86 **Q. What is the outcome of the IRP process?**

87 A. The result is a preferred portfolio that represents a balance of resource additions
88 that meet future customer needs, while minimizing cost, balancing diverse
89 stakeholder interests and addressing environmental concerns.

90 To follow through on the findings of the resource plan, PacifiCorp's IRP
91 includes an action plan that is intended to inform and provide guidance for the
92 Company's resource procurement activities over the next few years.

93 **Q. Is there participation by others in the creation of the Company's IRP?**

94 A. Active public involvement from customer interest groups, regulatory staff,
95 regulators and other stakeholders provided considerable guidance and input into
96 the development of the IRP. The analytical approach used conforms to all state
97 standards and guidelines.

98 **REQUEST FOR PROPOSAL**

99 **Q. Please briefly describe the Request for Proposal process.**

100 A. As stated earlier, the IRP creates a strategic roadmap for determining and
101 implementing the Company's long-term resource strategy. The regulatory request
102 for proposal process is the procurement activity to assist in the selection process
103 to identify the most economic resources to meet the IRP's action plan. To
104 implement resource decisions in the action plan, the Company uses a formal and
105 transparent procurement program in accordance with current law, rules and
106 guidelines in each of the states in which the Company operates.

107 The IRP has determined the need for resources with considerable
108 specificity and identified the desirable portfolio resource characteristics and
109 timing of need. The IRP has not identified specific resources to procure, or even
110 determined a preference between asset ownership versus contracted resources.
111 These decisions will be made subsequently on a case-by-case basis with an
112 evaluation of competing resource options, including emerging legislative and
113 regulatory developments, updated available information on technological,
114 environmental and other external market factors such as electric and natural gas
115 price projections. These options will be fully developed using competitive bidding

116 with an RFP process or other procurement methods, as appropriate.

117 As part of the development of the regulatory RFP process, the Company
118 identifies the size, timing and operating characteristics of the supply-side resource
119 requirements. The Company also provides input as to credit requirements and
120 other performance criteria to provide some assurance that only viable projects will
121 be made available for selection.

122 **Q. What is the benefit of the RFP process to Utah customers?**

123 A. The Company has adopted prudent safeguards to assure that no bias occurs. The
124 Company seeks proposals from all potential suppliers who can meet the stated
125 requirements of an RFP.

126 An Independent Evaluator is retained and is involved in the RFP process.
127 The Independent Evaluator will actively monitor the solicitation process for
128 fairness. The Independent Evaluator will also provide ongoing input regarding
129 concerns raised in the process and ultimately render an opinion on whether the
130 process is fair and the modeling used to evaluate bids is sufficient. The
131 Independent Evaluator will not make the ultimate decision as to which bid(s)
132 should be awarded under the solicitation.

133 **COMPANY APPROVAL PROCESS**

134 **Q. What other approvals does the Company seek before moving ahead with a
135 new supply-side resource?**

136 A. Once a resource is selected from the RFP process, the Company still evaluates the
137 proposal for prudence. Company executives are provided with a detailed
138 overview of the project, the contract support and counterparty guarantees for

139 executing upon the project, the risks associated with the project, the need for the
140 project as supported by the IRP, the financial assessment of the project, and the
141 ranking of the project based upon the results of RFP process. Upon review of this
142 information, the Company determines if it will proceed with acquisition and
143 development of the project.

144 **NATURAL GAS-FUELED RESOURCES**

145 **Lake Side**

146 **Q. Please describe the size and location of the Lake Side resource.**

147 A. The Lake Side resource is a 548 MW (average ambient temperature rated) natural
148 gas fired combined cycle combustion turbine power plant located approximately
149 35 miles south of Salt Lake City in Utah County. The project consists of 503 MW
150 coming from the combined cycle portion of the plant with an additional 45 MW
151 available from the ability to duct fire. Exhibit RMP___(ARL-1) shows a map of
152 the plant location.

153 **Q. On what basis did PacifiCorp determine that the Lake Side project was
154 needed?**

155 A. On January 24, 2003, PacifiCorp issued its 2003 IRP. The 2003 IRP concluded
156 that PacifiCorp needed substantial new supply-side resources to meet its projected
157 loads. Specifically, the 2003 IRP concluded that a resource was needed in the East
158 portion of the system during 2007. Lake Side is a direct response to the
159 conclusion reached in the 2003 IRP.

160 **Q. How did PacifiCorp implement the 2003 IRP?**

161 A. The Company issued RFP 2003-A. A copy of RFP 2003-A is included as Exhibit

162 RMP__(ARL-2).

163 **Q. Please provide a general description of the RFP 2003-A process.**

164 A. RFP 2003-A employed a blind bid evaluation process wherein bid responses were
165 submitted to an external consultant (Navigant) who, in turn, assured that the
166 responses were adequately blinded such that the bidding entity was not known to
167 PacifiCorp. Navigant then supplied the blinded bid responses to the Company for
168 evaluation and ranking on the basis of economics, resource flexibility, and
169 environmental factors. At this point, the short-listed entities were contacted to
170 clarify their offer. The Company then compared the offers against the self build
171 alternative (expansion of Currant Creek).

172 **Q. What was the outcome of RFP 2003-A for the 2007 Resource?**

173 A. PacifiCorp determined that Lake Side was the most cost effective long-term
174 resource to meet the need identified.

175 **Q. What was Navigant's overall role?**

176 A. Navigant's overall role was: (1) to make certain that the Company evaluated its
177 own build option in a manner that was reasonable, fair, unbiased, and comparable
178 to the extent practicable, against other bids, and (2) to report on whether the
179 process followed by the Company adequately met these objectives. Navigant
180 prepared a report entitled "Navigant Consulting's Final Report on PacifiCorp's
181 RFP 2003-A, dated September 8, 2004." A copy of this report is included as
182 Exhibit RMP__(ARL-3). A detailed description of the RFP 2003-A process is
183 included in the report.

184

185 **Q. Did Navigant agree with that decision?**

186 A. Yes. Page 47 of the Navigant report states that:

187 “Taken in aggregate, it was apparent that the preferred transaction would
188 be with the selected bidder due to its lower risk and its equivalent cost
189 characteristics.”

190 **Q. Please describe the transaction that Navigant was referring to.**

191 A. Summit Power, through its affiliate Summit Vineyard, LLC (Summit), submitted
192 a bid to develop, construct, and transfer, upon completion, ownership of a 548
193 MW (average ambient temperature rated) power plant to PacifiCorp. The name of
194 the project is the Lake Side Power Project. Summit proposed to develop the Lake
195 Side Power Project on the former Geneva Steel site in Vineyard, Utah, and enter
196 into an Engineering, Procurement and Construction Contract (EPC) with Siemens
197 Westinghouse Power Corporation (Siemens Power) to construct the resource.
198 Siemens Corp., the parent company of Siemens Power, guaranteed the work of
199 Siemens Power under the EPC contract. In addition, PacifiCorp entered into a
200 long term maintenance program for the Lake Side Power Project with Siemens
201 Power. The scope of supply for the long-term program covers the planned
202 maintenance of the gas turbine internal components, which includes the
203 compressor, combustor and turbine. The scope of the long-term program also
204 includes diagnostics, parts and services for maintaining the plant’s digital control
205 system.

206 **Q. Please describe the benefits of this resource to Utah customers.**

207 A. Utah customers benefit from this resource as it provided the best balance between
208 cost and risk to fulfill the identified need in terms of timing, amount and degree of

209 flexibility. This resource was chosen instead of a more costly Company built
210 alternative or a more risky alternative from an entity who has since filed for
211 bankruptcy. Customers will benefit from the fact that the Lake Side resource will
212 indeed have a level of flexibility associated with combined cycle natural gas fired
213 plants with duct firing and steam augmentation. As with other flexible resources,
214 Lake Side will enable the Company to manage unexpected changes in loads,
215 resources, and/or transmission transfer capabilities while also being available as a
216 resource that can be economically dispatched such that the output can support
217 sales to third parties at times when it is not needed to meet Company obligations.
218 Since Lake Side has a more efficient heat rate than other natural gas-fueled
219 resources owned by PacifiCorp and located in the East system, it is reasonable to
220 expect that Lake Side will be economically dispatched prior to those resources
221 and that Lake Side will, as a result, serve as a valuable resource in maintaining
222 system integrity during unplanned transmission and/or generation outages.

223 **Q. Has the decision to construct Lake Side been reviewed by this Commission?**

224 A. Yes. On November 12, 2004, the Commission issued an Order granting a
225 Certificate of Public Convenience and Necessity authorizing the Company to
226 proceed with construction of the Lake Side project. In its Order, the Commission
227 said:

228 “We conclude and find the Lake Side Power Project resource addition as
229 proposed by the Company is required by the public convenience and
230 necessity, and that a certificate to that effect should be issued.” (Utah PSC
231 Docket No. 04-035-30, November 12, 2004 Order, p. 18)

232 The Commission reached this conclusion, in part, based on the following facts:

233 1. The Utah Division of Public Utilities (Division) hired its own consultant (in

234 addition to Navigant) to evaluate the Company's certificate application. Both
235 the Division and its consultant testified that they found no evidence to refute
236 Navigant's conclusion that the solicitation and evaluation of base load bids
237 (the 2007 resource category in RFP 2003-A) was fair and equitable. The
238 Division's consultant also testified the selection of the preferred resource (the
239 Lake Side project) was a reasonable decision given the parameters of the base
240 load bid category, and

241 2. The Company testified the Lake Side project proposal by Summit represented
242 the most prudent balance between cost and risk. At the Utah PSC certificate
243 hearing, no party opposed the granting of a certificate of public convenience
244 and necessity to the Company for the Lake Side project, or challenged the
245 Company's selection of the Lake Side project as the best alternative.

246 **Q. How did the Company make the decision to move forward with the Lake**
247 **Side project?**

248 A. The Company's board of directors was provided with a detailed overview of the
249 project, the contract support and counterparty guarantees for executing the
250 project, a comparison against the risks associated with an alternative bidder, the
251 risks associated with the project, the need for the project as established by the
252 IRP, the financial assessment of the project, the fueling strategy, and the
253 justification of the project due to the results of RFP 2003-A. Upon review of this
254 information, the Company's board of directors deliberated and subsequently voted
255 to proceed with the project.

256

257 **Q. What investment related to the Lake Side project is included in the revenue**
258 **requirement?**

259 A. The Company has included \$328.2 million for the Lake Side plant in this
260 application. The O&M cost associated with the Lake Side plant for the test year is
261 approximately \$4.8 million. This is the labor required to operate the plant,
262 chemical cost, maintenance materials and contracts, and other miscellaneous
263 operating expenses (*e.g.* utilities, rents, leases, insurance premiums, *etc.*).

264 The Lake Side project was placed in service September 7, 2007. As
265 discussed in Mr. Widmer's testimony, the Company's net power cost calculation
266 reflects the inclusion of Lake Side for the test period. Mr. McDougal's testimony
267 describes the revenue requirement calculations associated with the inclusion of
268 this resource.

269 **GAS PROCUREMENT STRATEGY**

270 **Q. Please describe the Company's natural gas supply strategy.**

271 A. The Company is striving to provide a stable and predictable natural gas supply in
272 a manner that mitigates price volatility and ensures reliable natural gas supply.

273 **Q. What factors are influencing the Company's natural gas strategy?**

274 A. The Company is experiencing a significant increase in its natural gas
275 requirements due to its new combined cycle combustion turbines at the Currant
276 Creek and Lake Side plants and higher capacity factors on higher heat rate units
277 such as the Gadsby simple cycle combustion turbines. This increase in
278 requirements for natural gas requires a supply strategy that mitigates price and
279 supply risk to customers, and the Company is seeking a long-term focus to ensure

280 customer protection against major volatility swings.

281 **Q. What steps is the Company taking to protect its customers from volatility in**
282 **the price and supply of natural gas?**

283 A. The Company is seeking to secure enough physical gas to operate its gas-fired
284 generating units during on-peak hours and to protect customers against the
285 potential of purchasing high market-priced electricity in the future. By purchasing
286 gas on a forward-looking basis, the Company is hedging against the risk of
287 increased market prices for natural gas, essentially locking in a fixed price for on-
288 peak power now rather than relying on market timing decisions later. Due to the
289 significant increase in gas requirements mentioned above, the Company is
290 moving towards active management of 5 to 10 years of future gas supply.

291 **Q. How do customers benefit from the Company's natural gas supply strategy?**

292 A. As mentioned above, the Company's hedging strategy protects customers from
293 long-term price and supply risk as the Company procures the fuel required to run
294 its gas-fired generating units. In a volatile market environment and a period of
295 rising costs, such a strategy will stabilize the cost of natural gas and supply the
296 electricity our customers demand at a reasonable and predictable price.

297 **Q. Does hedging always produce the lowest possible cost?**

298 A. On average over the long term, it should. But in any particular period there will
299 inevitably be periods when market prices are lower than the Company's hedged
300 costs and periods when market prices are higher than hedged costs, as was the
301 case in Case No. PAC-E-06-04. The benefit of this approach is that customers
302 will be protected against significant volatility.

303 **RENEWABLE RESOURCES**

304 **WIND**

305 **Q. How does the 2004 Integrated Resource Plan address wind resources?**

306 A. The 2004 IRP characterizes wind energy as having only minor impacts on the
307 environment and producing no air pollutants or greenhouse gasses (page 94 of
308 PacifiCorp's 2004 IRP). The 2004 IRP includes wind resources as a proxy for all
309 renewable resources, which are part of a prudent and balanced resource mix.

310 **Q. Please describe the Company's renewable resource request for proposal.**

311 A. The Company's renewable resource RFP, designated RFP 2003-B, was issued in
312 February 2004 and it recommended the acquisition of up to 1,100 MW of
313 renewable resources. The Company's 2003 IRP had identified 1,400 MW of
314 renewable resources as part of a least-cost portfolio of resources to meet the
315 Company's growing demand over a ten-year period. Following the acquisition of
316 PacifiCorp by MidAmerican Energy Holdings Company, PacifiCorp amended
317 RFP 2003-B by re-opening the process to allow previous bidders to update their
318 proposals and invite new bidders to participate. Given then-current federal tax
319 law, amended RFP 2003-B focused on the acquisition of renewable resources that
320 could be made available prior to the end of 2006 and 2007.

321 **Q. What was the outcome of RFP 2003-B?**

322 A. RFP 2003-B resulted in the acquisition of the 100.5-MW Leaning Juniper 1 wind
323 plant, the acquisition and subsequent construction of the 140.4-MW Marengo
324 wind plant and provided the opportunity for the Company to construct the 70.2-
325 MW Marengo II wind plant.

326 **Leaning Juniper 1**

327 **Q. Please describe the size and location of the Leaning Juniper 1 resource.**

328 A. Leaning Juniper 1 is a 100.5 MW wind energy generation facility, consisting of
329 67 General Electric 1.5 MW (model SLE) 60 hertz wind turbine generators
330 located about three miles southwest of Arlington, Oregon. Exhibit RMP___(ARL-
331 4) shows a map of the plant location. PacifiCorp owns the assets and all output
332 and all interconnection rights up to the project's 100.5 MW capability. The
333 turbines have 80 meter tubular towers and a 77 meter rotor diameter. The project
334 includes above-ground and underground electric cable, fiber optic communication
335 cable, approximately 20 miles of turbine access roads, two permanent
336 meteorological towers, one collector substation, one supervisory control and data
337 acquisition system, and one operation and maintenance building. Ongoing
338 operations, warranty, and general maintenance services are being performed by
339 Leaning Juniper 1 Wind Power LLC (a PPM Energy, Inc. affiliate), under a
340 negotiated two-year contract.

341 **Q. How is energy generated by Leaning Juniper 1 delivered?**

342 A. The energy generated by the project is delivered to the project's substation,
343 which connects to the Jones Canyon substation that was built by the Bonneville
344 Power Administration (BPA), then to BPA's transmission system. Energy from
345 the project is then transmitted across BPA's transmission system for delivery into
346 PacifiCorp's system.

347 **Q. Please describe the benefits of this resource to Utah customers.**

348 A. Utah customers benefit from this resource as it represents the only resource made

349 available to the Company via RFP 2003-B that could economically meet a
350 commercial operation date during 2006. The 2003, and subsequent, IRPs specify
351 that renewable resources (using wind resources as a proxy) be steadily added to
352 the system with the target of reaching 1,400 MW or more of renewable resources.
353 Leaning Juniper 1 represents such a resource. In addition, Leaning Juniper 1 was
354 economical when compared against resources identified via RFP 2003-B for
355 renewable resources that could become commercial during 2007.

356 **Q. How else will the Leaning Juniper 1 resource benefit Utah customers?**

357 A. The Leaning Juniper 1 resource further benefits Utah customers by providing the
358 Company with a zero incremental cost fuel source (thus reducing commodity risk
359 exposure), a multi-shafted generation resource (thus diversifying the impact of
360 individual generator failures), and valuable ownership and operational experience
361 with utility scale wind projects. Leaning Juniper 1 is the first wind resource that
362 PacifiCorp has acquired on an ownership basis since the construction of the Foote
363 Creek 1 wind resource at Foote Creek rim in Wyoming. The Leaning Juniper 1
364 project utilizes General Electric Company wind turbines, thus giving PacifiCorp
365 valuable experience with this particular manufacturer. As a result of long-term
366 planning and the reasonable expectation that additional state and/or federal
367 renewable portfolio standard will be established, PacifiCorp is expecting to have a
368 robust need for renewable resources in the coming years. PacifiCorp currently has
369 a number of power purchase agreements from wind projects in its portfolio and it
370 is important that the Company diversify to include owned renewable resources.
371 Leaning Juniper 1 is providing the Company with valuable experience to enable

372 the evolution of those activities as well as valuable experience with a General
373 Electric Company turbine-based wind project.

374 **Q. How did the Company make the decision to move forward with the Leaning
375 Juniper 1 project?**

376 A. Company executives were provided with a detailed overview of the project, the
377 contract support and counterparty guarantees for executing upon the project, the
378 risks associated with the project, the need for the project as established by the
379 IRP, the financial assessment of the project, and the justification of the project
380 due to the results of RFP 2003-B. Upon review of this information, the Company
381 determined that it would proceed with acquisition of the project.

382 **Q. What investment related to the Leaning Juniper 1 project is included in the
383 revenue requirement?**

384 A. The Company has included \$176.8 million for the Leaning Juniper 1 plant in this
385 application. The O&M cost associated with the Leaning Juniper 1 resource for the
386 test year is approximately \$3.2 million. This is due to the wind turbine-generator
387 maintenance agreement, permitting obligations, local levy tax and land royalties
388 and easements.

389 The Leaning Juniper 1 plant was placed in service September 14, 2006. As
390 discussed in Mr. Widmer's testimony, the Company's net power cost calculation
391 reflects the inclusion of Leaning Juniper 1. Mr. McDougal's testimony describes
392 the revenue requirement calculations associated with the inclusion of this
393 resource.

394

395 **Marengo**

396 **Q. Please describe the size and location of the Marengo resource.**

397 A. Marengo is a 140.4 MW wind energy generation facility, consisting of 78 Vestas
398 1.8 MW wind turbine generators located near Dayton, Washington. Exhibit
399 RMP___(ARL-5) shows a map of the plant location. PacifiCorp owns the assets,
400 all output and all interconnection rights. The Vestas turbines located at the
401 Marengo site have 67 meter tubular towers and an 80 meter rotor diameter. The
402 project includes above-ground and underground electric cable, fiber optic
403 communication cable, turbine access roads, two permanent meteorological
404 towers, one collector substation, a transmission line extension, one supervisory
405 control and data acquisition system, and one operation and maintenance building.
406 Ongoing operations, warranty, and general maintenance services will initially be
407 performed by Vestas American Wind Technology, Inc. for a period that extends
408 four years from the commercial operation date of the Marengo II project
409 discussed below.

410 **Q. How will energy generated by Marengo be delivered?**

411 A. The electrical energy generated by the Marengo wind project will be delivered to
412 the project substation and stepped up from 34.5kV to 230kV and delivered into
413 PacifiCorp's transmission system on the North Lewiston-to-Walla Walla 230kV
414 transmission line via a 230 kV transmission line extension and new transmission
415 switching station (the Talbot switching station). As such, no third-party
416 transmission expense is anticipated (*i.e.*, no BPA point-to-point wheeling
417 expenses) to deliver project energy to PacifiCorp's system.

418 **Q. Please describe the benefits of this resource to Utah customers.**

419 A. Utah customers benefit from this resource as it represents a resource made
420 available to the Company via RFP 2003-B that could economically meet a
421 commercial operation date during 2007. The 2003, and subsequent, IRPs specify
422 that that renewable resources (using wind resources as a proxy) be steadily added
423 to the system with the target of reaching 1,400 MW or more of renewable
424 resources. Marengo represents such a resource.

425 **Q. How else will the Marengo resource benefit Utah customers?**

426 A. The Marengo resource further benefits Utah customers by providing the Company
427 with a zero incremental cost fuel source (thus reducing commodity risk exposure),
428 a multi-shafted generation resource (thus diversifying the impact of individual
429 generator failures), and further valuable ownership and operational experience
430 with utility scale wind projects. Marengo is the second wind resource that
431 PacifiCorp has acquired on an ownership basis since the construction of the Foote
432 Creek 1 wind resource at Foote Creek rim in Wyoming. The Marengo project
433 utilizes Vestas wind turbines, thus giving PacifiCorp valuable experience with
434 this particular manufacturer. As a result of long-term planning and the reasonable
435 expectation that additional state and/or federal renewable portfolio standards will
436 be established, PacifiCorp is expecting to have a robust need for renewable
437 resources in the coming years. PacifiCorp currently has a number of power
438 purchase agreements from wind projects in its portfolio and it is important that the
439 Company diversify to include owned renewable resources. Marengo will also
440 provide the Company with valuable experience with a Vestas turbine-based wind

441 project.

442 **Q. How did the Company make the decision to move forward with the Marengo**
443 **project?**

444 A. Company executives were provided with a detailed overview of the project, the
445 contract support and counterparty guarantees for executing upon the project, the
446 risks associated with the project, the need for the project as established by the
447 IRP, the financial assessment of the project, and the justification of the project
448 due to the results of RFP 2003-B. Upon review of this information, the Company
449 determined that it would proceed with acquisition of the project.

450 **Q. What investment related to the Marengo project is included in the revenue**
451 **requirement?**

452 A. The Company has included \$246.6 million for the Marengo project in this
453 application. The O&M cost associated with the Marengo resource for the test year
454 is approximately \$5.8 million. This is due to the wind turbine-generator
455 maintenance agreement, permitting obligations, local levy tax and land royalties
456 and easements. The O&M cost for the test year is inclusive of the Marengo II
457 wind farm that will be described hereafter.

458 The Marengo plant was placed in service August 4, 2007. As discussed in
459 Mr. Widmer's testimony, the Company's net power cost calculation reflects the
460 inclusion of Marengo for the same number of months that the investment is
461 included in the revenue requirement. Mr. McDougal's testimony describes the
462 revenue requirement calculations associated with the inclusion of this resource.

463

464 **Marengo II**

465 **Q. Please describe the size and location of the Marengo II resource.**

466 A. The Marengo II project is a 70.2 MW wind energy generation facility, consisting
467 of 39 Vestas 1.8 MW wind turbine generators located near the Marengo wind
468 project outside of Dayton, Washington. Exhibit RMP____(ARL-6) shows a map of
469 the plant location. PacifiCorp owns the assets, all output and all interconnection
470 rights. The Vestas turbines located at the Marengo II site have 67 meter tubular
471 towers and an 80 meter rotor diameter. The project includes above-ground and
472 underground electric cable, fiber optic communication cable, turbine access roads,
473 a permanent meteorological tower, one collector substation, a transmission line
474 extension, and one supervisory control and data acquisition system. Ongoing
475 operations, warranty, and general maintenance services will initially be performed
476 by Vestas American Wind Technology, Inc. for a period of four years.

477 **Q. How will energy generated by Marengo II be delivered?**

478 A. The electrical energy generated by the Marengo II wind project will be delivered
479 to the project substation and stepped up from 34.5kV to 230kV and delivered into
480 PacifiCorp's Talbot switching station via the 230 kV transmission line extension
481 constructed as part of the Marengo wind project. Like Marengo, the Marengo II
482 wind project will not incur third-party transmission expense to deliver to
483 PacifiCorp's system.

484

485 **Q. Are the benefits of Marengo II similar to those you have identified associated**
486 **with the original Marengo Wind Project?**

487 A. Yes, with this project being a renewable resource that can economically meet a
488 commercial operation date during 2008.

489 **Q. How did the Company make the decision to move forward with the Marengo**
490 **II project?**

491 A. Company executives were provided with a detailed overview of the project, the
492 contract support and counterparty guarantees for executing upon the project, the
493 risks associated with the project, the need for the project as established by the
494 IRP, the financial assessment of the project, and the justification of the project.
495 Upon review of this information, the Company determined that it would proceed
496 with acquisition of the project.

497 **Q. What investment related to the Marengo II project is included in the revenue**
498 **requirement?**

499 A. The Company has included \$135.8 million for the Marengo II project in this
500 application. The O&M cost associated with the Marengo II resource for the test
501 year is included in the amount reported for the Marengo project mentioned above.
502 This is due to the wind turbine-generator maintenance agreement, permitting
503 obligations, local levy tax and land royalties and easements.

504 The Marengo II project is expected to be operational by August 2008. As
505 discussed in Mr. Widmer's testimony, the Company's net power cost calculation
506 reflects the inclusion of Marengo II for the same number of months that the
507 investment is included in the revenue requirement. Mr. McDougal's testimony

508 describes the revenue requirement calculations associated with the inclusion of
509 this resource.

510 **Goodnoe Hills**

511 **Q. Please describe the size and location of the Goodnoe Hills resource.**

512 A. The Goodnoe Hills resource is a wind resource located near Goldendale,
513 Washington. Exhibit RMP____(ARL-7) shows a map of the plant location.
514 PacifiCorp owns the assets, all output and 94 MW of interconnection rights with
515 the BPA. Ongoing operations, warranty, and general maintenance services will be
516 performed by the wind turbine supplier (REpower System AG) for the first two
517 years and then by enXco Service Corporation for the following eight years. The
518 Goodnoe Hills wind project consists of a 94 MW wind energy generation facility
519 utilizing 47 REpower System AG 2.0 MW (model MM92) 60 hertz wind turbine
520 generators. The turbines have 80 meter tubular towers and a 92.5 meter rotor
521 diameter. The project includes above-ground and underground electric cable, fiber
522 optic communication cable, turbine access roads, permanent meteorological
523 towers, a supervisory control and data acquisition system, a collector substation
524 and one operation and maintenance building.

525 **Q. How will energy generated by Goodnoe Hills be delivered?**

526 A. The energy generated by the projects will be delivered to a 34.5/230 kilovolt
527 substation which connects to the Rock Creek substation built by the BPA. The
528 energy is then delivered to BPA's transmission system for transmission across
529 BPA's system for delivery into PacifiCorp's system.

530

531 **Q. Please describe the benefits of this resource to Utah customers.**

532 A. Utah customers benefit from this resource as it represents an economic renewable
533 resource. The 2003, and subsequent, IRPs specify that that renewable resources
534 (using wind resources as a proxy) be steadily added to the system with the target
535 of reaching 1,400 MWs or more of renewable resources. Goodnoe Hills
536 represents such a resource.

537 **Q. How else will the Goodnoe Hills resource benefit Utah customers?**

538 A. The Goodnoe Hills resource further benefits Utah customers by providing the
539 Company with a zero incremental cost fuel source (thus reducing commodity risk
540 exposure), a multi-shafted generation resource (thus diversifying the impact of
541 individual generator failures), and further valuable ownership and operational
542 experience with utility scale wind projects. The Goodnoe Hills project utilizes
543 REpower wind turbines, thus giving PacifiCorp valuable experience with this
544 particular manufacturer. The combination of the turbine supplier and operational
545 expertise held by the project developer enabled the Company to negotiate a long-
546 term operation and maintenance agreement for the entire project. This benefited
547 customers as it is an economical way to operate a project that is located outside of
548 PacifiCorp's service territory. Further, as a result of long-term planning and the
549 reasonable expectation that additional state and/or federal renewable portfolio
550 standards will be established, PacifiCorp is expecting to have a robust need for
551 renewable resources in the coming years. PacifiCorp currently has a number of
552 power purchase agreements from wind projects in its portfolio and it is important
553 that the Company diversify to include owned renewable resources. Goodnoe Hills

554 will provide the Company with further experience in owning wind resources and
555 enable the evolution of those activities in other locations.

556 **Q. How did the Company make the decision to move forward with the Goodnoe**
557 **Hills project?**

558 A. Company executives were provided with a detailed overview of the project, the
559 contract support and counterparty guarantees for executing upon the project, the
560 risks associated with the project, the need for the project as established by the
561 IRP, the financial assessment of the project, and the justification of the project.
562 Upon review of this information, the Company determined that it would proceed
563 with acquisition of the project.

564 **Q. What investment related to the Goodnoe Hills project is included in the**
565 **revenue requirement?**

566 A. The Company has included \$196.6 million for the Goodnoe Hills project in this
567 application. The O&M cost associated with the Goodnoe Hills resource for the
568 test year is approximately \$1.8 million. This is due to the wind turbine-generator
569 maintenance agreement, permitting obligations, local levy tax and land royalties
570 and easements.

571 The Goodnoe Hills project is expected to be operational by June 2008. As
572 discussed in Mr. Widmer's testimony, the Company's net power cost calculation
573 reflects the inclusion of Goodnoe Hills. Mr. McDougal's testimony describes the
574 revenue requirement calculations associated with the inclusion of this resource.

575

576 **Glenrock**

577 **Q. Please describe the size and location of the Glenrock resource.**

578 A. The Glenrock wind project is a wind resource located in Converse County,
579 Wyoming. Exhibit RMP____(ARL-8) shows a map of the plant location.
580 PacifiCorp owns the assets, all output and all interconnection rights with
581 PacifiCorp Transmission. Ongoing operations, warranty, and general maintenance
582 services will be performed by PacifiCorp or a third party. The Glenrock wind
583 project consists of a 99 MW wind energy generation facility utilizing 66 General
584 Electric 1.5 MW wind turbine generators. The turbines have 80 meter tubular
585 towers and a 77 meter rotor diameter. The project includes above-ground and
586 underground electric cable, fiber optic communication cable, turbine access roads,
587 permanent meteorological towers, a supervisory control and data acquisition
588 system, and the refurbishment of operations/maintenance structures currently at
589 the site.

590 **Q. How will energy generated by Glenrock be delivered?**

591 A. The energy generated by the Glenrock project will be delivered to a 34.5/230
592 kilovolt substation which will connect to PacifiCorp's transmission system via a
593 13-mile 230 kilovolt transmission line extension and a transmission
594 interconnection substation located between the Glenrock mine and the Dave
595 Johnston power plant.

596 **Q. Please describe the benefits of this resource to Utah customers.**

597 A. Utah customers benefit from this resource as it represents an economic renewable
598 resource. The 2003, and subsequent, IRPs specify that that renewable resources

599 (using wind resources as a proxy) be steadily added to the system with the target
600 of reaching 1,400 MWs or more of renewable resources. Glenrock represents such
601 a resource.

602 **Q. How else will the Glenrock resource benefit Utah customers?**

603 A. The Glenrock resource further benefits Utah customers by providing the
604 Company with a zero incremental cost fuel source (thus reducing commodity risk
605 exposure), a multi-shafted generation resource (thus diversifying the impact of
606 individual generator failures), and further valuable ownership and operational
607 experience with utility scale wind projects. The Glenrock project utilizes General
608 Electric Company wind turbines, thus giving PacifiCorp valuable experience with
609 the largest manufacturer of wind turbines in the United States. Further, as a result
610 of long-term planning and the reasonable expectation that additional state and/or
611 federal renewable portfolio standards will be established, PacifiCorp is expecting
612 to have a robust need for renewable resources in the coming years.

613 **Q. How did the Company make the decision to move forward with the Glenrock
614 project?**

615 A. Company executives were provided with a detailed overview of the project, the
616 contract support and counterparty guarantees for executing upon the project, the
617 risks associated with the project, the need for the project as established by the
618 IRP, the financial assessment of the project, and the justification of the project.
619 Upon review of this information, the Company determined that it would proceed
620 with acquisition of the project.

621

622 **Q. What investment related to the Glenrock project is included in the revenue**
623 **requirement?**

624 A. The Company has included \$210.3 million for the Glenrock project in this
625 application. The O&M cost associated with the Glenrock resource for the test year
626 is approximately \$1.2 million. This is due to the wind turbine-generator
627 maintenance agreement, permitting obligations, local levy tax and land royalties
628 and easements.

629 The Glenrock project is expected to be operational by the end of
630 December 2008. As discussed in Mr. Widmer's testimony, the Company's net
631 power cost calculation reflects the inclusion of Goodnoe Hills. Mr. McDougal's
632 testimony describes the revenue requirement calculations associated with the
633 inclusion of this resource.

634 **Seven Mile Hill**

635 **Q. Please describe the size and location of the Seven Mile Hill resource.**

636 A. The Seven Mile Hill resource is a wind resource located in Carbon County,
637 Wyoming. Exhibit RMP___(ARL-9) shows a map of the plant location.
638 PacifiCorp owns the assets, all output and all interconnection rights with
639 PacifiCorp Transmission. Ongoing operations, warranty, and general maintenance
640 services will be performed by PacifiCorp or a third party. The Seven Mile Hill
641 wind project consists of a 99 MW wind energy generation facility utilizing 66
642 General Electric 1.5 MW wind turbine generators. The turbines have 80 meter
643 towers and a 77 meter rotor diameter. The project includes underground electric
644 cable, fiber optic communication cable, turbine access roads, permanent

645 meteorological towers, a supervisory control and data acquisition system, a
646 collector substation and one operation and maintenance building.

647 **Q. How will energy generated by Seven Mile Hill be delivered?**

648 A. The energy generated by the project will be delivered to a 34.5/230 kilovolt
649 substation which will connect to PacifiCorp's transmission system via an adjacent
650 230 kilovolt interconnection substation. The energy is then delivered to
651 PacifiCorp's transmission system on the Miners to Dave Johnston 230kV
652 transmission line.

653 **Q. Please describe the benefits of this resource to Utah customers.**

654 A. Utah customers benefit from this resource as it represents an economic renewable
655 resource. The 2003, and subsequent, IRPs specify that that renewable resources
656 (using wind resources as a proxy) be steadily added to the system with the target
657 of reaching 1,400 MWs or more of renewable resources. Seven Mile Hill
658 represents such a resource.

659 **Q. How else will the Seven Mile Hill resource benefit Utah customers?**

660 A. The Seven Mile Hill resource further benefits Utah customers by providing the
661 Company with a zero incremental cost fuel source (thus reducing commodity risk
662 exposure), a multi-shafted generation resource (thus diversifying the impact of
663 individual generator failures), and further valuable ownership and operational
664 experience with utility scale wind projects. The Seven Mile Hill project utilizes
665 General Electric wind turbines, thus giving PacifiCorp the option and ability to
666 share spare parts with other existing wind turbine projects. Further, as a result of
667 long-term planning and the reasonable expectation that additional state and/or

668 federal renewable portfolio standards will be established, PacifiCorp is expecting
669 to have a robust need for renewable resources in the coming years.

670 **Q. How did the Company make the decision to move forward with the Seven**
671 **Mile Hill project?**

672 A. Company executives were provided with a detailed overview of the project, the
673 contract support and counterparty guarantees for executing upon the project, the
674 risks associated with the project, the need for the project as established by the
675 IRP, the financial assessment of the project, and the justification of the project.
676 Upon review of this information, the Company determined that it would proceed
677 with acquisition of the project.

678 **Q. What investment related to the Seven Mile Hill project is included in the**
679 **revenue requirement?**

680 A. The Company has included \$201.4 million for the Seven Mile Hill project in this
681 application. The O&M cost associated with the Seven Mile Hill resource for the
682 test year is approximately \$1.4 million. This is due to the wind turbine-generator
683 maintenance agreement, permitting obligations, local levy tax and land royalties
684 and easements.

685 The Seven Mile Hill project is expected to be operational by the end of
686 December 2008. As discussed in Mr. Widmer's testimony, the Company's net
687 power cost calculation reflects the inclusion of Seven Mile Hill. Mr. McDougal's
688 testimony describes the revenue requirement calculations associated with the
689 inclusion of this resource.

690

691 **GEOHERMAL**

692 **Blundell Bottoming Cycle**

693 **Q. Please describe the size and location of the Blundell Bottoming Cycle**
694 **resource.**

695 A. The Blundell Bottoming Cycle resource is a separate facility at the Blundell plant,
696 located near Milford, Utah. Exhibit RMP___(ARL-10) shows a map of the plant
697 location. The bottoming cycle generates a nominal 11 MW of electrical energy
698 using latent heat in the geothermal brine.

699 **Q. Please provide additional detail about the Blundell Bottoming Cycle**
700 **resource.**

701 A. The Blundell Plant, which was developed and constructed in the 1980's, utilizes a
702 single-flash process to generate electrical power from liquid-dominated
703 geothermal brine. The original plant was designed to utilize the heat energy in the
704 geothermal brine, flashing the brine to steam and using it in a conventional steam
705 turbine generator. The brine is flashed to steam, passed through a steam turbine
706 generator, condensed back to liquid and then re-injected back into the
707 underground geothermal reservoir at approximately 340°F.

708 The bottoming cycle uses the latent heat in the geothermal brine to drive a
709 second turbine generator. Rather than re-injecting the 340°F brine back into the
710 underground geothermal reservoir, it flows through a conventional tube and shell
711 heat exchanger and is used to vaporize pentane as the motive fluid. The pentane
712 vapor drives the second turbine generator which produces the nominal 11 MW.
713 The pentane is condensed back to liquid with an air-cooled condenser. The brine

714 is re-injected back into the geothermal reservoir at approximately 190°F.

715 **Q. How will energy generated by the Blundell Bottoming Cycle resource be**
716 **delivered?**

717 A. Energy generated by the Blundell Bottoming Cycle will be delivered directly to
718 the Company's existing transmission system at the 46kV level.

719 **Q. Please describe the benefits of this resource to Utah customers.**

720 A. Utah customers benefit from this resource as it represents a high capacity factor
721 renewable resource that can economically meet a commercial operation date
722 during 2007. The 2003, and subsequent, IRPs specify that that renewable
723 resources be steadily added to the system with the target of reaching 1,400 MWs
724 or more of renewable resources prior to 2015. The Blundell Bottoming Cycle
725 project represents such a resource.

726 **Q. How else will the Blundell Bottoming Cycle resource benefit Utah customers?**

727 A. This resource is predicated on enhancing the overall efficiency of an existing
728 generation plant. PacifiCorp routinely makes these assessments in search for
729 projects that can take advantage of existing infrastructure. In this instance, the
730 project takes advantage of existing generation and transmission infrastructure. As
731 such, no material transmission system investments had to be made to accept the
732 electrical output.

733 **Q. How did the Company make the decision to move forward with the Blundell**
734 **Bottoming Cycle resource?**

735 A. The Company's board of directors was provided with a detailed overview of the
736 project, the plan for executing upon the project, the risks associated with the

737 project, the need for the project, the financial assessment of the project, the
738 fueling strategy, and the justification of the project. Upon review of this
739 information, the Company's board of directors deliberated and subsequently voted
740 to proceed with the project.

741 **Q. What investment related to the Blundell Bottoming Cycle resource is**
742 **included in the revenue requirement?**

743 A. The Company has included \$27.7 million for the Blundell Bottoming Cycle
744 resource in this application. The incremental O&M cost associated with the
745 Blundell Bottoming Cycle resource for the test year is being offset by operational
746 efficiencies gained by the existing plant.

747 The Blundell Bottoming Cycle resource was placed in service on
748 December 1, 2007. As discussed in Mr. Widmer's testimony, the Company's net
749 power cost calculation reflects the inclusion of Blundell Bottoming Cycle
750 resource for the same number of months that the investment is included in the
751 revenue requirement. Mr. McDougal's testimony describes the revenue
752 requirement calculations associated with the inclusion of this resource.

753 **WEST VALLEY LEASE**

754 **Q. What is the status of the West Valley Lease?**

755 A. The Company has decided to not renew the existing lease with PPM Energy, Inc.,
756 and it will terminate on May 31, 2008.

757

758 **Q. Please describe the options available to the Company (“the Lessee”) under**
759 **the terms of the Lease Agreement, dated March 5, 2002, between West**
760 **Valley Leasing Company LLC, as Lessor and PacifiCorp, as Lessee (“the**
761 **Lease Agreement”).**

762 A. The Lease Agreement contains two option provisions, which are exercisable at the
763 discretion of the Lessee, in addition to the Lessee’s right to permit the Lease to
764 run its full term. The first option allows for early termination of the Lease
765 Agreement, at two separate opportunities, both of which were subject to
766 rescission by a deadline set forth in the Lease Agreement. Pursuant to the terms of
767 the option provision, PacifiCorp exercised its right to terminate the Lease
768 Agreement and has provided the Lessor notice of such intent, and the Company
769 has not exercised its right to rescind such notice. Accordingly, the Lease
770 Agreement terminates effective May 31, 2008. The second option provision
771 contained in the Lease Agreement gave the Lessee the option to purchase the
772 West Valley Project, which the Company did not exercise.

773 **Q. Did the Company evaluate the resource need and the economics of the Lease**
774 **Agreement prior to issuing the notice of exercise of the termination option on**
775 **December 1, 2006?**

776 A. Yes. The Company determined that customers would benefit most by terminating
777 the Lease Agreement based on its assessment of the value of the resource and its
778 corresponding utilization or capacity factor. The Company’s efforts to renegotiate
779 the terms of the Lease Agreement with PPM Energy, Inc., were not successful.
780 Thus, the Company chose not to rescind the notice of termination.

781 **Q. How did the Company's evaluation of the Lease Agreement support the**
782 **decision to terminate the Lease Agreement and ensure customers interests**
783 **were protected?**

784 A. The Company evaluated the fixed price purchase option at the price established in
785 the Lease Agreement. The purchase option was evaluated by comparing the fixed
786 purchase price against the market value of the West Valley plant. The Company
787 determined the market value of the West Valley plant was equivalent to the value
788 of the energy produced, as determined by the forward price curve, net of fuel and
789 variable operating costs through 2027¹. The Company also considered the value
790 the purchase option would bring by considering the avoided transmission
791 investment costs associated with the West Valley plant being used as a network
792 resource.

793 **Q. How did the Company determine the avoided transmission cost benefit**
794 **associated with the fixed price purchase option and what were the results of**
795 **fixed price option evaluation?**

796 A. PacifiCorp transmission provided an assessment of the reliability impacts and
797 required capital investment required if the West Valley plant was no longer
798 available as a network resource. The transmission study concluded that removal of
799 the West Valley plant as a network resource would require the installation of a
800 static VAR compensator at the Camp Williams substation and acceleration of the
801 in-service date for the Oquirrh substation expansion from 2009 forward to 2008.
802 This transmission investment would be deferred until 2028, beyond the project life,

¹ The life of a simple-cycle combustion turbine, similar to the turbines at the West Valley plant, is 25 years. West Valley went commercial in 2002. The estimated life of West Valley is through 2027.

803 if the Company chose to exercise its purchase option in the Lease Agreement. The
804 combination of the value of the transmission investment deferral plus the market
805 value of the West Valley plant dispatched against the forward price curve for the
806 term of June 1, 2008 through May 31, 2027, which covers the life of the West
807 Valley plant, was well below the contract purchase price of \$122.5 million as
808 stipulated in the Lease Agreement.

809 **Q. Did the Company evaluate the extension of the Lease Agreement from June**
810 **1, 2008, through May 31, 2017, and what did the company conclude?**

811 A. Yes. The Company evaluated the extension of the Lease Agreement. The market
812 value of the West Valley plant was determined by dispatching the West Valley
813 plant against the forward price curve from June 1, 2008, to May 31, 2017. The
814 market value of the plant plus the value of deferring transmission investment costs
815 discussed above was well below the cost to extend the lease payments of
816 \$749,150 per turbine per calendar quarter totaling \$97.9 million in 2007 dollars
817 through the extended lease term.

818 **Q. What action did the Company take?**

819 A. The Company provided written notice of its intent to exercise its right to
820 terminate the Lease Agreement on December 1, 2006.

821 **CONCLUSION**

822 **Q. Please summarize your conclusions.**

823 A. Supply-side resources with in-service dates prior to June 30, 2009, have been
824 included in the Company's application including the investment, modeling of net
825 power cost impacts, and associated expenses. These projects represent significant

826 investments the Company is making on behalf of its customers to meet their
827 energy needs on a prudent and cost-effective basis. Customers will receive the
828 output of these facilities during the rate-effective period and, therefore, should
829 pay for the costs associated with the facilities. The Company has been prudent in
830 securing these facilities for the benefit of its Utah customers and should be
831 granted full cost recovery.

832 **Q. Does this conclude your testimony?**

833 A. Yes.