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1 I. INTRODUCTION

2 Q. PLEASE STATE YOUR NAME, POSITION AND YOUR BUSINESS
3 ADDRESS.

4 A. My name is Daniel E. Gimble. I am a special projects manager with the
5 Office of Consumer Services (Office). My business address is 160 E. 300
6 S., Salt Lake City, Utah.

7
8 Q. HAVE YOU PREVIOUSLY FILED TESTIMONY IN PHASE II OF THIS
9 DOCKET?

10 A. Yes. On June 16, 2010, I filed direct testimony addressing market
11 reliance issues and presented the Office's recommendations in the areas
12 of hedging and market reliance.

13
14 Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY IN THE
15 DESIGN PORTION OF PHASE II OF THIS PROCEEDING?

16 A. In response to direction provided by the Commission in its Phase I Order,
17 my testimony discusses significant issues that call into question whether
18 an ECAM could be found to be in the public interest and makes design
19 recommendations that could partially remedy the public interest concerns.

20
21 II. RECOMMENDATIONS

22 Q. PLEASE SUMMARIZE THE OFFICE'S PRIMARY RECOMMENDATION
23 AT THIS STAGE IN THE CASE.

24 A. The Office's primary recommendation remains as stated in Office witness
25 Beck's Phase I Surrebuttal testimony: the Commission should reject the
26 Company's ECAM Application on the basis that the Company has not met
27 its evidentiary burden to demonstrate that its ECAM proposal is necessary
28 and in the public interest.¹ In this testimony, the Office further explores
29 the public interest considerations and recommends some design elements
30 that could partially remedy the public interest concerns. The Office

¹ Beck SR Testimony, pg. 14, lines 301-304.

31 continues to recommend that two issues, the Company's hedging
32 practices and level of reliance on market purchases, need to be
33 considered and acted upon in processes outside of the design proceeding
34 in order for the outcome to be in the public interest.
35

36 Q. IN ITS FEBRUARY 9, 2010 PHASE I ORDER, HOW DID THE
37 COMMISSION ELECT TO PROCEED WITH THE CASE?

38 A. The Commission indicated that it desired to explore whether it would be
39 possible to design an ECAM that would be in the public interest and
40 moved the case forward into Phase II to examine design issues. It should
41 also be noted that the Commission did not indicate that an ECAM in
42 general, or any specific design elements that have been presented to
43 date, are in the public interest.
44

45 In determining whether an ECAM can be shown to be in the public
46 interest, the Commission specifically requested that parties address the
47 two threshold issues, hedging practices and reliance on market
48 purchases, and how those issues impact an ECAM. Through
49 compromise, parties recommended and the Commission set a schedule
50 which approached the threshold issues and ECAM design issues along
51 two separate tracks. The first track pertains to the Office's threshold
52 issues of natural gas hedging and market reliance. Direct testimony
53 addressing these threshold issues was filed by the Office, the Division and
54 Western Resource Advocates on June 16, 2010. The second track
55 relates to ECAM Design issues. Addressing the issues in two separate
56 tracks was intended to facilitate Commission review of the threshold
57 issues in time to incorporate any Commission decision or guidance in the
58 design phase.
59
60
61

62 III. COMPANY'S ECAM PROPOSAL

63 Q. PLEASE GENERALLY DESCRIBE HOW THE COMPANY'S PROPOSED
64 ECAM WOULD OPERATE IN RELATIONSHIP TO NET POWER COSTS
65 SET IN BASE RATES.

66 A. The Company would continue to use the GRID model in general rate
67 cases to determine a normalized level of net power costs in base rates.
68 Once a normalized base level is established in a Commission general rate
69 order, monthly net power cost fluctuations above and below the base level
70 would be recorded and then trued-up (with interest) annually. Finally, a
71 pass-through surcharge or credit would be assessed on customers' bills to
72 recover the entire amount accumulated in the ECAM account and
73 approved by the Commission for cost recovery. The Company proposes
74 to file its annual ECAM reconciliation and updated factors on December
75 15 of each year, with a new ECAM rate becoming effective on February
76 15 of the following year.²

77
78 Q. WHAT KEY ISSUES SHOULD THE COMMISSION CONSIDER IN
79 DETERMINING WHETHER SOME TYPE OF ECAM COULD BE IN THE
80 PUBLIC INTEREST?

81 A. The Office and other parties raised important issues that make the
82 Company's initial ECAM proposal contrary to public interest. These
83 include reduced incentives to plan and operate the system in an overall
84 least cost/risk manner, an inappropriate shifting of the risk of hydro
85 variability to Utah customers, the lack of appropriate recognition of the
86 contribution of revenues from load growth as an offset to rate base, and
87 concerns that wheeling costs and revenues have not been dealt with on
88 an equivalent and fair basis. I will discuss these important public interest
89 considerations and whether design remedies exist in the next section of
90 my testimony.

91

² Duvall Direct, Pg. 9, lines 190-191.

92

93 IV. CAN PUBLIC INTEREST CONCERNS BE REMEDIED THROUGH ECAM
94 DESIGN?95 **A. Incentive Problems**96 Q. WHAT IS THE MOST SIGNIFICANT ISSUE THAT NEEDS TO BE
97 REMEDIED BEFORE AN ECAM COULD BE FOUND TO BE IN THE
98 PUBLIC INTEREST?99 A. The Office is most concerned about the issue of reduced management
100 incentives to control costs. In the past PacifiCorp management and
101 shareholders incurred the risk attendant to power cost fluctuations in
102 between general rate cases. Consequently, PacifiCorp was strongly
103 incited to actively manage net power cost risk through various cost
104 control measures in the areas of planning and operations. With the
105 advent of an ECAM, those strong cost control incentives may be reduced,
106 thereby shifting risk from the utility's shareholders to ratepayers. Thus, an
107 incentive issue arises in terms of ensuring that PacifiCorp management is
108 properly motivated to control costs in a ratemaking environment that
109 includes an ECAM.³

110

111 Q. HOW DOES THE OFFICE PROPOSE ADDRESSING THE INCENTIVE
112 ISSUE IN ECAM DESIGN?113 A. If the Commission grants the Company an ECAM, it would be important to
114 ensure that the Company retains significant interest in the costs that would
115 be passed through to customers. Therefore, the Office proposes that the
116 Company only be allowed to recover a portion of the variation from base
117 net power costs recorded in its ECAM account. Our proposal would be to
118 implement a symmetrical cost sharing between shareholders and

³On behalf of the Office, Mr. Chernick sponsored testimony that discussed the incentive issue at considerable length in various parts of his Phase I Testimony. In particular, I would point the Commission to lines 36-205 of his Surrebuttal Testimony where Mr. Chernick establishes for the record that incentive effects have been recognized by utility experts in numerous empirical studies and state commissions have attempted to mitigate incentive effects through ECAM Design.

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119 ratepayers of the variation in net power costs included in the ECAM from
120 the level set in base rates.

121

122 Q. WHAT LEVEL OF COST SHARING DOES THE OFFICE RECOMMEND
123 FOR ECAM DESIGN?

124 A. The Office recommends that a symmetrical 70% - 30% Cost Sharing (“70-
125 30 Sharing”) be adopted by the Commission in the ECAM Design. This
126 would mean that only 70 percent of net power cost fluctuations above or
127 below the base level would be recovered from or credited to ratepayers.
128 With an ECAM in place, the Office believes that the Company needs to
129 have a significant monetary stake in net power cost outcomes to ensure
130 that management makes investment, operational and maintenance
131 decisions in way that benefits ratepayers. Absent some level of “skin in
132 the game,” management could potentially cut budgets to meet profit center
133 targets, re-direct funds targeted for plant maintenance to other areas of
134 the business or delay the acquisition of cost-effective resources and rely
135 on more volatile short-term market purchases to serve growing load
136 requirements.

137

138 Q. ARE THERE IMPORTANT DESIGN ELEMENTS THAT WOULD BE
139 NECESSARY IF A SHARING MECHANISM IS IMPLEMENTED?

140 A. Yes. If any kind of sharing mechanism is implemented, then it would be
141 crucial to true up the rates on an annual basis. This would allow for a fair
142 treatment of the anticipated deviations that will vary between positive and
143 negative entries into the ECAM account. If the true up were done
144 seasonally or monthly, then recovery could be distorted and potentially
145 result in sharp swings in pass-through rates. If an annual true up is used,
146 these seasonal or monthly cost differentials would offset each other over
147 the course of a year.

148

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149 Q. WOULD IMPLEMENTATION OF THIS SHARING MECHANISM
150 ELIMINATE THE NEED FOR AUDIT AND PRUDENCY REVIEW OF THE
151 ACCOUNT?

152 A. No. The sharing mechanism is intended as an offset to the problems of
153 reduced or distorted incentives. The ECAM account would need to be
154 audited and scrutinized for both accuracy and prudence. The costs of any
155 transactions found by the Commission to be either inaccurate or
156 imprudent would not be included in the balance.

157

158 Q. IS THE OFFICE CONCERNED THAT ITS PROPOSED 70-30 SHARING
159 MAY RESULT IN THE COMPANY CONSISTENTLY OVER-
160 FORECASTING THE BASE LEVEL OF NET POWER COSTS IN
161 GENERAL RATE CASES AND POCKET 30% OF THE DIFFERENCE
162 BETWEEN THE FORECAST AND ACTUAL LEVELS?

163 A. Despite the possibility of upward bias in the net power cost forecast, the
164 Office is not overly concerned. The Office has retained power cost experts
165 in each rate case since the Company's first post-merger rate case (1990)
166 to assess the reasonableness of the utility's net power cost forecast.
167 These experts have typically sponsored adjustments to the Company net
168 power cost forecast and many of these adjustments have been adopted
169 by the Commission in its general rate orders.

170 Further, reductions in actual net power costs compared to
171 forecasted levels may stem from the Company making economic
172 decisions to timely acquire a cost-effective renewable resource or
173 advance plant maintenance schedules such that it improves the
174 performance of a cheap coal unit. These are actions by management that
175 would benefit shareholders and ratepayers alike under a 70-30 Sharing
176 arrangement.

177

178

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179 Q. DOES THE SHARING MECHANISM RESOLVE ALL OF THE OFFICE'S
180 CONCERNS ABOUT INCENTIVE PROBLEMS THAT WOULD BE
181 CAUSED BY AN ECAM?

182 A. No. The Office believes that a sharing mechanism represents the
183 minimum type of mechanism that needs to be in place to maintain
184 operational incentives. A sharing mechanism does not fully address
185 planning incentives, which will be addressed later in this testimony.
186

187 **B. Exposing Utah Customers to Hydro Risk without Hydro Benefits**

188 Q. PLEASE EXPLAIN HOW AN ECAM WOULD EXPOSE UTAH
189 CUSTOMERS TO HYDRO RISK WITHOUT PROVIDING
190 COMMENSURATE HYDRO BENEFITS.

191 A. According to the Company's ECAM Proposal, all fluctuations in net power
192 costs above or below the base level would be recorded in the ECAM
193 account and recovered from Utah ratepayers. Fluctuations in net power
194 costs could result from a number of factors, including hydro variability.
195 For example, in low water years the Company may have to run its gas
196 plants more hours and make additional market purchases to replace lost
197 hydro output. Thus, the loss of hydro generation would likely result in the
198 need to run or purchase more expensive resources and thereby increase
199 the amount of net power costs recovered through an ECAM.

200 If Utah ratepayers are going to be asked to pick up the replacement
201 costs associated with hydro variability, then it is only fair and reasonable
202 that they should receive the full benefit of relatively lower cost hydro
203 resources in base rates. To do otherwise would create a mismatch
204 between general and pass-through rates and produce an unfair result for
205 Utah ratepayers. Because of the current MSP methodology, Utah
206 customers do not currently receive the full benefit associated with hydro
207 resources.
208

- 209 Q. WHAT IS THE OFFICE'S RECOMMENDATION RELATING TO THE
210 ISSUE OF HYDRO VARIABILITY?
- 211 A. If the Commission elects to implement an ECAM, the Office recommends
212 that Utah revenue requirement be calculated using the rolled-in, inter-
213 jurisdictional allocation method, without the current 1.0% MSP cap.⁴
214 Eliminating the MSP cap and determining revenue requirement using the
215 rolled-in method would align the benefits and costs associated with the
216 hydro system in both general and pass-through rates.
217
- 218 Q. IF THE COMMISSION ACCEPTS THE OFFICE'S RECOMMENDATION
219 TO REMOVE THE MSP CAP OF 1.0% AND MOVE TO FULLY ROLLED-
220 IN REVENUE REQUIREMENT, WHAT IS THE REDUCTION TO UTAH
221 REVENUE REQUIREMENT?
- 222 A. Based on the level of Utah general business revenues after the
223 Commission's ordered revenue requirement increase in Docket 09-035-
224 23, the reduction in revenue requirement would be approximately \$14.9
225 million on an annual basis.⁵
226
- 227 Q. WHEN SHOULD A DECREASE IN REVENUE REQUIREMENT
228 RESULTING FROM USING THE ROLLED-IN METHOD BE
229 RECOGNIZED IN RATES?
- 230 A. The Office recommends that the revenue requirement reduction be
231 reflected as a credit against base rates the first time any accumulated
232 balance in the ECAM is amortized in the pass-through rate. Alternatively,
233 the Office proposes that the initial amortization of an ECAM balance take
234 place at the conclusion of the Company's next rate case.
235

⁴ In Utah rate cases since 2004, Utah revenue requirement has been determined using the rolled-in allocation method plus the applicable MSP cap in place at the time. Currently, the MSP Cap is at 1.0%.

⁵ The Commission authorized a general business revenue level of \$1,506,662,077 in Docket 09-035-23. $\$1,506,662,077 * 101.0\% = \$1,491,744,631$. $\$1,506,662,077 - \$1,491,744,631 = \$14,991,744,631$, which is the current value of the 1.0% MSP Cap.

236 Q. ARE THERE SEPARATE EFFORTS UNDERWAY ADDRESSING THE
237 ISSUE OF INTER-STATE COST ALLOCATION AND ROLLED IN
238 RATES?

239 A. Yes. My understanding is that there is an agreement in principle within
240 the MSP forum that includes rolled-in rates for Utah. It is anticipated that
241 such an agreement will be filed with the various state regulatory
242 authorities in September. The Office intends to participate fully in any
243 such proceeding. However, the issue of rolled-in rates remains important
244 within this current proceeding. It is the Office's position that rolled-in rates
245 must be in place during any period in which an ECAM is being
246 implemented. Otherwise, Utah customers will bear the risks associated
247 with hydro variability without receiving a proper level of benefit from those
248 resources.

249

250 **C. Hedging Costs**

251 Q. PLEASE EXPLAIN HOW NATURAL GAS HEDGING COSTS ARE
252 IMPACTED BY AN ECAM.

253 A. Without an ECAM, the costs due to variations of natural gas costs from
254 that which were forecasted and included in base rates are borne solely by
255 the Company. This reality is reflected in hedging practices and policy that
256 focus on reducing volatility, as was described in much greater detail in Dr.
257 Schell's testimony in the other portion of this case. With an ECAM, some
258 portion of the costs due to these variations would be borne by customers.
259 Therefore, it is important that the hedging practices and policy reflect the
260 risk tolerance and preference of customers.

261

262 Q. SHOULD NATURAL GAS HEDGING COSTS AT THIS TIME BE
263 INCLUDED IN ANY ECAM DESIGN APPROVED BY THE
264 COMMISSION??

265 A. No. In June 16, 2010 testimony addressing the Company's hedging
266 practices, the Office's experts recommended that an analysis and

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267 evaluation of the Company's hedging practices be undertaken. The Office
268 further recommended that natural gas hedging costs and natural gas fuel
269 costs be excluded from an ECAM until this analysis and evaluation has
270 been completed.
271

272 Q. A COMMISSION DECISION ON HEDGING RECOMMENDATIONS MAY
273 BE AVAILABLE PRIOR TO EITHER THE FILING OF SURREBUTTAL
274 TESTIMONY OR HEARINGS PERTAINING TO ECAM DESIGN. WILL
275 THE OFFICE INCORPORATE ANY COMMISSION DECISIONS IN THIS
276 AREA IN ITS ECAM DESIGN RECOMMENDATIONS?

277 A. Yes. The Office looks forward to reviewing the Commission's order on
278 hedging as well as market reliance issues. If the Commission issues an
279 order in time to be incorporated into future rounds of pre-filed testimony or
280 the ECAM Design hearing, we will take into consideration the
281 Commission's decisions in formulating our ECAM Design
282 recommendations in these areas.
283

284 **D. Market Purchases**

285 Q. PLEASE DESCRIBE HOW THE ISSUE OF MARKET PURCHASES
286 WOULD BE IMPACTED BY AN ECAM.

287 A. Depending on what design is ultimately approved, some level of market
288 purchases would be automatically passed through to customers rather
289 than being examined in the context of a rate case. The Office's concerns,
290 which have been described in greater detail in my direct testimony filed in
291 the market reliance portion of this case, is that a pass-through of these
292 costs would expose customers to the price risk associated with the
293 Company's previous resource planning and procurement decisions. The
294 Commission has explicitly indicated in other orders that these are risks
295 that would be borne by the Company.

296 Q. WHAT RECOMMENDATIONS DID THE OFFICE MAKE ABOUT
297 MARKET PURCHASES IN THE MARKET RELIANCE PORTION OF
298 THIS CASE?

299 A. The Office recommended that the Commission had two alternatives:
300 • Do not allow these costs associated with market purchases until
301 sufficient analysis justifies their inclusion; or
302 • Establish limits for the total amount of market purchases that could be
303 allowed to flow through the ECAM.

304

305 Q. CAN THE ISSUE OF MARKET PURCHASES BE RESOLVED THROUGH
306 PROPER ECAM DESIGN?

307 A. No. In that same testimony, I further described the Office's analysis and
308 provided our conclusion that establishing limits would require a focused
309 proceeding to determine what limits are reasonable and to avoid imposing
310 arbitrary restrictions. Further, no one specific design should be
311 implemented because the appropriate level of market purchases is not
312 static rather, the level would vary based on many factors.

313

314 Q. IF ITS PROPOSED 70-30 SHARING IS ADOPTED BY THE
315 COMMISSION, WOULD COMPANY MANAGEMENT BE PROPERLY
316 INCENTED TO ENSURE THAT SHAREHOLDERS AND RATEPAYERS
317 INTERESTS ARE ALIGNED WHEN IT COMES TO DECISIONS ON
318 WHETHER TO RELY ON THE MARKET OR BUILD OR ACQUIRE
319 RESOURCES?

320 A. No. In the past the Company management incurred 100% of the risk
321 associated with its planning and operational decisions between general
322 rate cases. Adoption of the Office's 70-30 Sharing proposal as part of the
323 ECAM Design would leave management with a reduced monetary stake in
324 the outcomes of resource planning and operational decisions. The Office
325 does not believe that a 30% stake in net power cost variations is a strong

|

326 enough incentive to ensure long-term planning decisions are made that
327 best meet customer needs.

328

329

E. Wheeling Costs and Revenues

330 Q. PLEASE DESCRIBE HOW WHEELING COSTS AND REVENUES ARE
331 CURRENTLY TREATED FOR RATEMAKING PURPOSES.

332 A. The current practice is to include wheeling costs as part of net power
333 costs and treat wheeling revenues separately from net power costs. The
334 difference in treatment of wheeling costs and revenues is largely due to a
335 series of FERC transmission open access orders (888-890) that required
336 electric utilities to open up their transmission systems and provide various
337 kinds of transmission services. Consequently, wheeling revenues have
338 been a distinct and separate revenue category reflecting wheeling
339 services provided through PacifiCorp's OATT.

340

341 Q. WHY WOULD CURRENT TREATMENT BE CONTRARY TO THE
342 PUBLIC INTEREST IF AN ECAM WERE IMPLEMENTED?

343 A. It would result in an inconsistent treatment of costs and revenues for one
344 element of ratemaking. If variability of costs gets passed through to
345 ratepayers, then the variability of revenues should be passed through in
346 the same manner.

347

348 Q. DOES THE OFFICE PROPOSE CHANGING THE RATEMAKING
349 TREATMENT OF WHEELING COSTS AND REVENUES AS PART OF
350 ECAM DESIGN?

351 A. Yes. The Office proposes wheeling cost and revenue differences from
352 levels set in base rates should be included if an ECAM is implemented.

353

354 Q. PLEASE EXPLAIN WHY THE CHANGE IN RATEMAKING TREATMENT
355 WOULD BE NECESSARY.

|

356 A. It would be necessary to ensure comparable treatment of similar types of
357 costs and revenues. This is particularly important under current
358 circumstances. With segments of the Gateway Project now underway, the
359 Company has begun a major expansion of its transmission system over
360 the next decade. This significant expansion of the transmission system
361 provides new opportunities to provide wheeling services and garner
362 associated wheeling revenues. In addition, these new wheeling
363 opportunities may be accompanied by greater forecast error in projecting
364 the level of wheeling revenues in general rates. Therefore, the Office
365 believes that variations in wheeling costs and revenues should be
366 included in the ECAM Design and be afforded symmetrical treatment
367 under its 70-30 Sharing proposal.

368

369 **F. Proper Recognition of Load Growth Contribution to Rate Base**

370 Q. PLEASE EXPLAIN WHY LOAD GROWTH NEEDS TO BE PROPERLY
371 CONSIDERED IN ECAM DESIGN IN ORDER FOR THE PUBLIC
372 INTEREST TO BE SERVED.

373 A. In the last rate case, parties stipulated to, and the Commission approved,
374 a July 2009 - June 2010 test year for determining revenue requirement
375 and setting new rates. Thus, the new rates set by the Commission were
376 based on forecasts of loads, revenue, expenses and rate base items
377 through June 2010. With the advent of an ECAM, variations in an
378 expense element of rates, i.e., net power costs, will be separately tracked
379 and recovered from Utah ratepayers between general rate cases. This
380 type of design implicitly collects any additional power costs due to load
381 growth beyond the time of the test period. In order to ensure that
382 ratepayers are not overcharged in pass-through rates, the ECAM design
383 needs to also recognize additional revenue contributions to incremental
384 generation and transmission fixed costs (rate base) that the Company
385 receives from load growth beyond the time of the test period.

386

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387 Q. HAS THIS NEXUS BETWEEN VARIATIONS IN LOAD GROWTH AND
388 NET POWER COSTS BEEN RECOGNIZED AND ADDRESSED IN ANY
389 OTHER OF THE COMPANY'S JURISDICTIONS?

390 A. Yes. A \$/MWh load adjustment has been developed and implemented in
391 connection with the Company's pass-through mechanism in Idaho. The
392 Idaho load adjustment relates to both incremental net power costs and
393 generation fixed costs. However, the Idaho load adjustment does not
394 reflect the fixed costs of incremental transmission investment.

395

396 Q. HAS THE COMPANY PROPOSED A SIMILAR \$/MWH ADJUSTMENT IN
397 ITS PROPOSED ECAM DESIGN IN UTAH?

398 A. While the Company's proposed ECAM Design in Utah recognizes and
399 reflects the relationship between a change in loads (revenue) and net
400 power costs,⁶ it does not reflect the nexus between loads (revenue) and
401 the fixed costs of incremental generation and transmission plant.

402

403 Q. WHAT IS THE OFFICE'S POSITION AS TO WHETHER A LOAD
404 GROWTH (REVENUE) ADJUSTMENT SIMILAR TO THE ONE IN PLACE
405 IN IDAHO IS NECESSARY IN THE ECAM DESIGN?

406 A. The matching of variations in loads (revenue), net power costs and the
407 fixed costs of incremental generation and transmission plant has merit and
408 should be considered as part of ECAM Design. Conceptually, the Office
409 believes that the Idaho load adjustment should be expanded to include the
410 fixed costs of incremental transmission investment because of the inter-
411 related nature of the generation and transmission system. The
412 Company continues to make substantial new investment in generation and
413 transmission plant to meet load growth. If an ECAM is implemented, it
414 should also recognize the contribution of the load growth toward these
415 rate base elements. Otherwise, customers would be overcharged in total

⁶ Any differences in the system per-unit cost will be multiplied by actual Utah MWh load in that month and the product will be deferred in the balancing account. (Duvall Direct, Pg. 8, lines 177-179)

416 since increased in revenues due to growth would not be included in base
417 rates, even though increased costs due to growth would be included in
418 pass through rates.

419

420 Q. DOES THE OFFICE HAVE A SPECIFIC LOAD ADJUSTMENT
421 PROPOSAL AT THIS TIME TO OFFER FOR CONSIDERATION?

422 A. No. The Office understands certain parties to the case will be submitting
423 proposals for the Commission to consider as part of ECAM Design. The
424 Office will review and comment on those proposals in rebuttal testimony.

425

426 **G. Administrative**

427 Q. WHAT ADMINISTRATIVE ITEMS DOES THE COMMISSION NEED TO
428 ADDRESS IN THE AREA OF ECAM DESIGN?

429 A. The Commission must first determine whether an ECAM is in the public
430 interest. The Office has proposed several substantial changes and
431 additional analysis that would need to be completed in order for the public
432 interest to be met. If such criteria were met, the Commission would also
433 need to consider the following administrative items in the process of
434 establishing an ECAM:

- 435 • Whether the ECAM should initially be set up as a pilot program for
436 a specific period of time;
- 437 • ECAM accruals, interest and reconciliation period;
- 438 • Reporting and Auditing Requirements.

439

440 Q. IF THE COMMISSION DECIDES TO MOVE FORWARD AND
441 IMPLEMENT SOME TYPE OF ECAM, DOES THE OFFICE
442 RECOMMEND THAT THE MECHANISM BE INITIALLY DESIGNED AS A
443 PILOT PROGRAM?

444 A. Yes. Assuming an ECAM is implemented, a significant portion of
445 variations in the Company's net power costs will now flow through a new
446 reconciliation account that shifts risk associated with weather, loads and

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447 near-term market volatility to customers. This represents a major policy
448 change in the way net power costs are treated in setting rates.
449 Consequently, it is reasonable for the ECAM to undergo a trial run to see if
450 strong incentives remain for management to make optimal decisions in the
451 areas of resource planning and investment and utility operations. If
452 management incentives are found to be lacking under an ECAM and sub-
453 optimal outcomes result, then modifications may be required to the ECAM
454 design or the entire mechanism may need to be removed to protect
455 ratepayer interests.

456

457 Q. HOW LONG SHOULD THE ECAM PILOT RUN?

458 A. According its 2008 IRP Update, the Company's resource deficit
459 substantially increases in the 2012 – 2014 "bridging period."⁷ From a
460 policy standpoint, the ECAM should remain as a pilot until the first major
461 resource is acquired in 2015. This will provide the Commission with
462 experience of how the ECAM performs over a period when the Company
463 plans to rely heavily on market transactions to serve capacity
464 requirements.

465

466 Q. DOES THE OFFICE AGREE WITH THE COMPANY'S PROPOSAL THAT
467 ACCRUALS TO THE ACCOUNT SHOULD BE MADE MONTHLY AND
468 THAT A TRUE-UP OR RECONCILIATION OF THE ACCOUNT OCCUR
469 ANNUALLY?

470 A. Yes. The Office supports monthly accruals to the account with an annual
471 reconciliation. In particular, a true-up of the account on annual basis
472 should even out the seasonality in monthly accrual amounts.

473

⁷ Table 3.9 in the IRP Update (pg.33) shows a system resource deficit position of 1,264 MW in 2012 increasing to a deficit position of 2,198 MW in 2014.

474 Q. DOES THE OFFICE HAVE A RECOMMENDATION ON THE INTEREST
475 RATE THAT SHOULD BE APPLIED TO BALANCES IN THE ECAM
476 ACCOUNT?

477 A. The Office recommends that a 6.0% simple interest rate be applied to the
478 monthly accruals in the ECAM account. An interest rate of 6.0%
479 approximates the Company's current long-term debt rate of 5.98%, which
480 was used to set the interest assessed on the REC revenue and net power
481 cost deferred accounts in the Stipulation recently approved by the
482 Commission in Dockets 09-035-15 and 10-035-14. In addition, a simple
483 interest rate of 6.0% is currently applied to accruals in Questar Gas's 191
484 Account.⁸

485

486 Q. REGARDING REPORTING AND AUDITING REQUIREMENTS, DOES
487 THE OFFICE HAVE ANY SPECIFIC RECOMMENDATIONS?

488 A. Yes. Assuming the Commission implements an ECAM on trial basis, the
489 Office recommends that the information associated with the net power
490 cost accounts allowed by the Commission to flow through the ECAM be
491 identified with the same level of granularity as net power cost accounts
492 associated with base rates. The Office also recommends the Commission
493 make it clear in its order that the Office has same ability to audit the ECAM
494 account, and the same access to information included in the account, as
495 provided to the Division.

496

497 V. CONCLUSIONS AND RECOMMENDATIONS

498 Q. PLEASE SUMMARIZE THE OFFICE'S POSITION ON THE COMPANY'S
499 ECAM PROPOSAL.

500 A. The Company has not met its evidentiary burden to show that its ECAM
501 proposal is in the public interest. The Office and other parties have
502 identified several public interest concerns that must be remedied before

⁸ Questar Gas Tariff, pg. 2-13, April 1, 2009.

503 an ECAM could reasonably be found to be in the public interest. These
504 include:

- 505 • reduced incentives to plan and operate the system in an overall
506 least cost/risk manner,
- 507 • an inappropriate shifting of the risk of hydro variability to Utah
508 customers,
- 509 • the lack of appropriate recognition of the contribution of revenues
510 from load growth toward rate base, and
- 511 • concerns that wheeling costs and revenues have not been dealt
512 with on an equivalent and fair basis.

513

514 Q. WHAT DESIGN RECOMMENDATION DOES THE OFFICE PROPOSE?

515 A. In order for an ECAM to be in the public interest, the Office asserts that
516 the design must include the following elements:

- 517 • a significant sharing mechanism of 70/30 is needed to maintain
518 incentives to operate the system on a least cost/risk basis;
- 519 • base rates established on a rolled in basis in order to ensure that
520 Utah customers receive a fair share of the benefits of hydro
521 resources, since an ECAM would expose them to the risks of hydro
522 variability;
- 523 • contribution of revenues from load growth should offset generation
524 and transmission plant additions to rate base;
- 525 • variations in both wheeling costs and revenues should be included
526 in the ECAM;
- 527 • a true-up of the ECAM account should be performed annually;
- 528 • an 6.0% simple interest rate should be applied to accrual in the
529 ECAM account;
- 530 • accounts included in the ECAM should be maintained with the
531 same level of granularity as net power cost accounts in base rates
532 to facilitate proper review; and

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533 • if the Commission decides to implement an ECAM, implementation
534 should be done on a trial basis and the pilot should run until
535 January 1, 2015.
536

537 Q. IF THESE DESIGN ELEMENTS ARE ORDERED BY THE COMMISSION
538 WOULD THAT ENSURE THAT PUBLIC INTEREST IS MET?

539 A. No. As the Office has explained in this testimony and in the market
540 reliance of this case, two issues require examination outside of the design
541 process. Specifically, the Company's hedging policies and practices
542 should be analyzed and approved prior to including the costs of hedging
543 or natural gas fuel in an ECAM. Also, the issue of the level of reliance on
544 market purchases must be resolved prior to including the costs of those
545 purchases in an ECAM. Rather than implementing a partial ECAM which
546 could create unintended perverse incentives, the Office recommends
547 these two issues be addressed and resolved prior to the implementation of
548 any ECAM.
549

550 Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY ON ECAM
551 DESIGN ISSUES?

552 A. Yes it does.
553
554