

**BEFORE THE
PUBLIC SERVICE COMMISSION OF UTAH**

In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations.

Docket No. 09-035-23

Surrebuttal Testimony and Exhibits of

Maurice Brubaker

Phase I

On behalf of

Utah Industrial Energy Consumers

November 30, 2009



BRUBAKER & ASSOCIATES, INC.
CHESTERFIELD, MO 63017

Project 9168

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Surrebuttal Testimony of Maurice Brubaker

1 Q PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

2 A Maurice Brubaker. My business address is 16690 Swingley Ridge Road, Suite 140,
3 Chesterfield, MO 63017.

4 Q ARE YOU THE SAME MAURICE BRUBAKER WHO PROVIDED PHASE I DIRECT
5 TESTIMONY ON OCTOBER 8, 2009 AND PHASE I REBUTTAL TESTIMONY ON
6 NOVEMBER 12, 2009?

7 A Yes, I am.

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

9 A I am appearing on behalf of the Utah Industrial Energy Consumers (UIEC). Members
10 of UIEC purchase substantial quantities of electricity from Rocky Mountain Power
11 Company (RMP) in Utah, and are vitally interested in the outcome of this proceeding.

1 Q WHAT SUBJECTS ARE ADDRESSED IN YOUR SURREBUTTAL TESTIMONY?

2 A In this surrebuttal testimony, I address certain cost of service and revenue allocation
3 issues.

4 Q PLEASE SUMMARIZE YOUR FINDINGS AND RECOMMENDATIONS.

5 A My findings and recommendations may be summarized as follows:

- 6 1. RMP's adjustments to class load data reduce the disparities between the
7 jurisdictional peaks and the sum of the class loads in most months, but do not
8 eliminate these disparities, nor has RMP adequately explained the reason for the
9 remaining disparities.
- 10 2. While RMP's adjustments do reduce the disparities in most months, it is notable
11 that the class loads in the important summer months of July and August are still
12 between 350 and 400 MW lower than the jurisdictional peak. Also of note is the
13 fact that the disparity in October increased from 265 MW to 999 MW, indicating
14 that RMP has not yet found all the problems in its methods.
- 15 3. It is notable that Division witness Dr. Abdulle finds significant statistical support
16 for using summer peak demands, as opposed to 12 monthly peak demands, in
17 the class allocation study.
- 18 4. The "technology choice" argument for classifying part of the fixed cost of
19 generating units as energy related (75/25) only considers the capital cost side of
20 the issue and ignores the fuel side.
- 21 5. I demonstrate on UIEC ____ (MEB-3SR) that while the 12CP-75/25 method
22 allocates 119% of system average capital costs to transmission level customers,
23 and 87% of system average capital costs to residential customers, the method
24 charges all customers with the same ¢/kWh cost of fuel, which is inconsistent
25 with the higher allocation of capital costs to Schedule 9 and the lower allocation
26 of capital costs to the Residential class.
- 27 6. A symmetrical consideration of technology choices that resulted in higher
28 generation capital costs being allocated to high load factor customers would
29 correspondingly provide them with the benefits of lower than system average fuel
30 costs.
- 31 7. The technology argument that has been applied in the case of generation
32 resources does not even exist in the case of transmission resources, and no
33 other argument has been advanced. Furthermore, RMP uses a 100% demand
34 classification in developing the transmission charges applicable to wholesale
35 customers served under its OATT.
- 36 8. Division witness Mancinelli continues to be inconsistent in his position. On the
37 one hand, he argues for the 12CP-75/25 allocation method because of its use in

- 1 the jurisdictional allocations, but on the other hand is more than willing to deviate
2 from that methodology in the case of wind resources and allocate 100% of the
3 costs of wind resources on an energy basis, thereby placing additional costs on
4 high load factor customers like those on Schedule 9.
- 5 9. RMP's responses to data requests in this case make it clear that the 75/25
6 aspect of the allocation methodology is no more than a compromise that was
7 crafted in order to secure agreement among the states for jurisdictional allocation
8 purposes. It was not adopted with the intention of being applied at the class
9 level.
- 10 10. Considerable doubts about the fairness of the current jurisdictional allocation
11 remain, and it would be a mistake to extend the application of that methodology
12 to the class cost of service studies.
- 13 11. The modifications to class load data that RMP has made substantially reduce the
14 disparities among customer class rates of return and the indicated revenue
15 neutral adjustments needed to reach cost of service.
- 16 12. The most appropriate way to spread any increase or decrease in revenue
17 requirements from this case is an equal percentage across-the-board adjustment
18 to all customer classes.
- 19 13. RMP has adequately explained the apparent discrepancy in transmission
20 revenue requirement between the OATT filing and the cost of service in this
21 case. However, in reviewing the purchased transmission service that accounts
22 for the difference, it is noted that about 60% of the costs are associated with
23 payments to Bonneville Power Administration. In light of Utah's diminished share
24 of hydro resources, the Commission should direct the parties to give careful
25 consideration to the purpose and use of the purchased transmission services
26 when re-evaluating the jurisdictional allocation methodology.

1 **Adjustments of Class Load Data**

2 **Q IN YOUR PREVIOUS TESTIMONY, YOU POINTED OUT THE SUBSTANTIAL**
3 **DISPARITIES BETWEEN RMP'S ESTIMATES OF TOTAL UTAH**
4 **JURISDICTIONAL LOADS AT THE TIME OF THE SYSTEM PEAKS AND THE**
5 **SUM OF THE UTAH RETAIL CLASS LOADS (THAT ARE USED IN THE CLASS**
6 **COST OF SERVICE STUDY) AT THE SAME TIMES. HAS RMP MADE ANY**
7 **ADJUSTMENTS TO THE CLASS LOAD DATA IN RESPONSE TO YOUR**
8 **TESTIMONY?**

9 A Yes. As discussed in the testimony of RMP witnesses Paice and Thornton, RMP now
10 agrees that there were problems with its class load data and has made some
11 adjustments and prepared a new class cost of service study using these modified
12 loads.

13 **Q HOW DID THE RESULTS OF THE CLASS COST OF SERVICE STUDY CHANGE?**

14 A In his direct testimony, Mr. Paice's revenue neutral adjustment for the Residential
15 class was a decrease of 3.9%. In his new study, it is an increase of 0.7%. For
16 Schedule 9 customers, his original study had a revenue neutral increase of 7.36%
17 while his revised study has an increase of 4.92%. Schedule 8 went from an increase
18 of 1.40% to a decrease of 0.42%. Obviously, the corrections of errors that RMP
19 made substantially reduced the indicated disparities.

20 **Q HAVE YOU PREPARED AN EXHIBIT TO INDICATE THE EXTENT OF THE**
21 **CHANGES TO LOADS MADE BY RMP?**

22 A Yes. This appears on UIEC ____ (MEB-1SR).

1 **Q PLEASE EXPLAIN THIS EXHIBIT.**

2 A The solid bars (red in the case of class loads being less than the total jurisdictional
3 load and blue in the case of class loads being in excess of the jurisdictional load) are
4 the same data that I included in my direct testimony, in Exhibit UIEC ____ (MEB-1),
5 page 2 of 2. The data in the table, columns 1-4, also appeared on that exhibit.

6 The bars with diagonal stripes represent the disparities between the
7 jurisdictional peak demand and the sum of the class demands at the same time that
8 are reflected in RMP's rebuttal filing.

9 **Q WHAT WAS THE IMPACT OF RMP'S ADJUSTMENTS?**

10 A In most months, the disparity between the jurisdictional data and the class data is
11 reduced. However, there are still substantial remaining disparities in the critical
12 summer months. For example, in the month of July, there is still over 400 MW of
13 unexplained difference, and, in August, there is over 350 MW of unexplained
14 difference. In addition, I would note that in the months of February, April and
15 October, the disparity is larger after the adjustment than it was before the adjustment.

16 The month of October appears to be particularly problematic. In RMP's
17 original filing, the sum of the class loads exceeded the jurisdictional October peak by
18 265 MW, but after RMP's adjustments it now exceeds the jurisdictional peak by
19 999 MW, indicating that the "adjustments" which RMP made to its studies were not
20 uniformly applicable.

21 **Q WHAT DO YOU CONCLUDE FROM THIS ANALYSIS?**

22 A I conclude that it is a positive step for RMP to recognize that it has problems with its
23 load data. I am also encouraged by the fact that it was willing to make an effort to

1 correct these problems. However, I remain unconvinced that RMP's process for
2 developing class demands coincident with the jurisdictional peaks is appropriate.
3 There still remain very significant disparities between the two studies, and I think
4 additional analysis and work are required in order to understand the nature of the
5 problems, and then to develop an approach which will produce accurate load data.

6 **Q MR. THORNTON STATES IN HIS REBUTTAL TESTIMONY (PAGE 8) THAT AS A**
7 **RESULT OF THE ADJUSTMENTS THE DISPARITY BETWEEN JURISDICTIONAL**
8 **AND CLASS PEAKS HAS DECREASED TO ABOUT 2%. DO YOU AGREE?**

9 A Yes. This is shown on line 13 of column 7 of my Exhibit UIEC ____ (MEB-1SR).
10 However, note that a large part of the reason why the number is of this magnitude is
11 the fact that the October difference (38% above the jurisdictional load) is offsetting
12 the negatives of 6% to 10% during the critical summer months.

13 **Q IS THERE ANY OTHER WAY TO COMPARE THE DIFFERENCES BETWEEN THE**
14 **JURISDICTIONAL PEAKS AND THE SUM OF THE CLASS LOADS AT THE TIMES**
15 **OF THE JURISDICTIONAL PEAKS?**

16 A Yes. Line 14 on UIEC ____ (MEB-1SR) shows the sum of the absolute values of the
17 monthly differences. The absolute value is the summation of the differences without
18 regard to whether the class load data is less than, or more than, the jurisdictional load
19 data. That is, negatives and positives do not offset each other. They are both
20 recognized as disparities. From the perspective of determining the overall "goodness
21 of fit" between two sets of data, the absolute value comparison is more meaningful
22 because it does not allow errors in one direction to be offset by errors in the other
23 direction.

1 Q DOES MR. THORNTON HAVE AN EXPLANATION FOR THE REMAINING
2 DIFFERENCES BETWEEN CLASS DATA AND JURISDICTIONAL DATA?

3 A Yes. He discusses this at the top of page 6 of his rebuttal testimony. In addition to
4 the method employed to calculate the forecast class load data (for which he says he
5 has made adjustments) he cites losses and the exclusion of certain customer loads.

6 Q DO YOU BELIEVE THAT LOSSES AND THE EXCLUSION OF CERTAIN
7 CUSTOMER LOADS EXPLAIN THE REMAINING DIFFERENCES?

8 A No, I do not. The exclusion of certain customer loads certainly does not explain why
9 the sum of the class loads is higher than the jurisdictional loads in some months –
10 notably 207 MW higher in April and 999 MW higher in October. The difference
11 between average losses and peak losses also does not explain this discrepancy.
12 The exclusion of certain customer loads in other months does help to explain the
13 shortfalls in those months.

14 Q SUBSEQUENT TO FILING ITS REBUTTAL TESTIMONY, DID RMP PROVIDE ANY
15 QUANTIFICATION OF THESE DIFFERENCES?

16 A Yes. UIEC data request 10.22 requested a detail of the loads that RMP says were
17 excluded from the jurisdictional totals.

18 Q DOES THIS INFORMATION EXPLAIN THE LARGE DISCREPANCIES DURING
19 THE MONTHS OF JULY AND AUGUST?

20 A No. For the month of June, RMP's revised class loads fall short of the jurisdictional
21 load by 423 MW. The loads excluded were reported in response to UIEC data
22 request 10.22 as only 25 MW at the time of the July peak, still leaving 400 MW

1 unexplained. At the time of the August peak, where there is 325 MW of shortfall, data
2 provided in response to UIEC data request 10.22 shows that the excluded load was
3 only 31 MW, still leaving about 300 MW unexplained.

4 Thus, a substantial amount of the difference between the sum of the class
5 loads and the jurisdictional loads continues to be unexplained.

6 **Q BASED ON YOUR REVIEW OF ALL THE DATA AVAILABLE, WHAT IS YOUR**
7 **OPINION OF THE SUITABILITY OF RMP'S CLASS LOAD DATA FOR USE IN A**
8 **CLASS COST OF SERVICE STUDY?**

9 A Based on my review of all of the available information, it is my conclusion that the
10 class load data is not sufficiently reliable for use in a class cost of service study. Any
11 cost of service study that relies upon this data is subject to significant error.

12 **Q WHAT IS YOUR RECOMMENDATION WITH RESPECT TO THE**
13 **APPORTIONMENT OF ANY REVENUE INCREASE OR DECREASE THAT**
14 **RESULTS FROM THIS CASE?**

15 A It continues to be my recommendation that an across-the-board equal percentage
16 increase or decrease is appropriate.

17 **The 12CP-75/25 Methodology is Not Appropriate for RMP**

18 **Q HAVE YOU REVIEWED THE TESTIMONY OF DIVISION WITNESS**
19 **DR. ABDINASIR ABDULLE?**

20 A Yes, I have. Dr. Abdulle performed an analysis of monthly peak loads for the purpose
21 of determining if loads in particular months were significantly greater than the loads in
22 other months. On page 9 of his testimony he concluded that the peaks for June, July

1 and August are statistically significantly greater than the average coincident peaks for
2 the other months of the year. (His only reservation was that the month of September
3 appeared to be high as well.)

4 Therefore, I believe it is fair to conclude that Dr. Abdulle's analysis supports
5 the use of summer peak demands, as opposed to the use of all of the 12 monthly
6 peak demands for purposes of class cost of service allocations.

7 **Q DO RMP AND THE DIVISION CONTINUE TO SUPPORT A 25% ENERGY
8 COMPONENT IN THE ALLOCATION METHOD?**

9 A Yes. RMP and the Division (witnesses other than Dr. Abdulle) continue to support
10 the 12CP-75/25 methodology for allocating costs among customer classes.

11 However, there exists an inconsistency in Mr. Mancinelli's position. On the
12 one hand, he argues for 12CP-75/25 because of its use in the jurisdictional allocation.
13 However, when it comes to the allocation of wind resources, he is more than happy to
14 depart from this methodology and allocate 100% of the cost of wind resources on an
15 energy basis, thereby placing additional costs on high load factor customers like
16 those on Schedule 9.

17 **Q TO YOUR KNOWLEDGE, HAS THERE EVER BEEN AN ANALYTICAL STUDY
18 WHICH DEVELOPED THE 25% ENERGY COMPONENT FOR INCLUSION IN
19 EITHER THE JURISDICTIONAL OR THE CLASS COST ALLOCATION
20 METHODOLOGY?**

21 A To my knowledge there has never been such a study. As I have pointed out in
22 previous testimony in this and other cases, the current methodology has evolved over
23 time and represents a compromise among the various state interests. It is not a

1 rigorously determined methodology. Furthermore, as I pointed out in my rebuttal
2 testimony (page 5) this Commission in Docket No. 02-035-04 specifically stated that
3 the method currently in use for jurisdictional allocation was not adopted for purposes
4 of class cost of service allocation.

5 **Q HAS RMP RECENTLY CONFIRMED THAT THIS METHODOLOGY WAS**
6 **ADOPTED AS A “COMPROMISE” FOR JURISDICTIONAL ALLOCATION**
7 **PURPOSES?**

8 A Yes. In data request 10.18, UIEC asked about this:

9 **“UIEC Data Request 10.18**

10 **NPC:**

11 Reference is made to studies and analysis done to support utilization
12 of the various transmission assets of PacifiCorp for purpose of
13 determining how those costs should be classified for cost of service
14 studies. Please identify:

15 (a) The date of each study;

16 (b) The author of each study; and

17 (c) Please provide a copy of each study performed to support the
18 classification of the various increments of generation plant at 75%
19 capacity and 25% energy.

20 **Response to UIEC Data Request 10.18**

21 In response to part c, support for use of the 75% demand and 25%
22 energy classification of generation plant is provided in Attachment
23 UIEC 10.18. Other than this, the Company has no other studies
24 responsive to parts a and b.”

25 The following statement appears on page 3 of the referenced attachment:

26 “The choice of the 75% demand 25% energy classification for
27 generation and transmission plant was the last allocation decision
28 made by PITA after the merger. The PITA analysis indicated that a
29 wide range of demand and energy classification could be supported on
30 a technical basis. The demand energy classification was the swing
31 issue employed to balance the sharing of merger benefits between all
32 the states and 75% demand 25% energy was selected because it
33 produced an overall cost allocation result that was acceptable to all the
34 states.”

1 This further supports and confirms my previous testimony that the 75/25
2 aspect of the methodology was purely a compromise that was crafted to secure
3 agreement among the states for jurisdictional allocation purposes. It was not
4 intended to be applied at the class level. In fact, as I pointed out at page 5 of my
5 rebuttal testimony, the Commission found in Docket No. 02-035-04 that the Revised
6 Protocol Method (which includes the 12CP-75/25 methodology) was not applicable to
7 class cost of service studies.

8 **The Availability of Technology Choices**
9 **Does Not Support the 12CP-75/25 Methodology**

10 **Q RMP, THE DIVISION AND THE OCS CONTINUE TO ARGUE THAT THE**
11 **AVAILABILITY OF TECHNOLOGY CHOICES (I.E., BASE LOAD UNITS,**
12 **COMBINED CYCLE UNITS AND PEAKING UNITS) JUSTIFIES THE INCLUSION**
13 **OF AN ENERGY COMPONENT IN THE DEMAND ALLOCATION FORMULA.**
14 **(DIVISION WITNESS MANCINELLI REPEATS THIS ARGUMENT AT PAGES 5**
15 **AND 6 OF HIS REBUTTAL TESTIMONY.) DO YOU AGREE?**

16 **A No. As I have stated previously (see my rebuttal testimony at pages 14-16), this is an**
17 incomplete analysis and produces distorted results. In particular, I pointed out the
18 fact that including a 25% energy component in the allocation of fixed costs had the
19 effect of allocating more fixed costs to high load factor customers, but did not provide
20 them with the corresponding benefit associated with the lower fuel costs from these
21 more capital intense plants.

1 **Q** **HOW DO YOU RESPOND TO MR. MANCINELLI'S ARGUMENTS CONCERNING**
2 **THE TECHNOLOGY TRADEOFFS AND THE ALLEGED GREATER BENEFIT OF**
3 **BASE LOAD PLANT THAT IS RECEIVED BY HIGH LOAD FACTOR**
4 **CUSTOMERS?**

5 A To illustrate this point, I have prepared UIEC ____ (MEB-2SR) and UIEC ____
6 (MEB-3SR).

7 **Q** **PLEASE EXPLAIN THESE EXHIBITS.**

8 A Exhibit UIEC ____ (MEB-2SR) is a summary of the allocation of generation plant
9 investment and fuel costs to the Residential class and to Schedule 9 in my 3CP cost
10 of service study which was presented earlier as Exhibit UIEC ____ (MEB-8). To
11 illustrate the point, I have determined the net generation plant allocated and the fuel
12 cost allocated and then divided the plant investment by the 3CP kW and the fuel cost
13 by the MWhs. Note on line 9 that each class is allocated the same dollar investment
14 amount per kW of demand. Note also from line 11 that each class is allocated the
15 same amount of fuel cost per kWh. This is what happens with traditional cost
16 allocation methods which allocate fixed costs on a demand basis and variable costs
17 on an energy basis.

18 Please now look at UIEC ____ (MEB-3SR). This is derived from RMP's
19 rebuttal cost of service study which uses the 12CP-75/25 method. I have performed
20 exactly the same calculations here as I did with respect to my study. Note from
21 lines 9 and 10 that when the plant investment that is allocated using the 12CP-75/25
22 method is divided by the class demands, it turns out that Residential customers are
23 charged only 87% of the average investment cost per kW. Schedule 9 customers, on

1 the other hand, are charged 119% of the average. (If the 12CP were used, the
2 differences would be smaller, but would be directionally the same).

3 Note now on lines 11 and 12 that despite having been allocated a larger share
4 of capital costs, the Schedule 9 customers are allocated the same amount of fuel
5 costs per kWh as the Residential class which gets a lower allocation of capital costs.

6 **Q WHAT DO YOU CONCLUDE FROM THESE COMPARISONS?**

7 A I conclude that the inclusion of an energy component in the allocation of fixed costs
8 produces a result that is inconsistent with the basic underlying premise espoused by
9 the supporters of this method. Obviously, the other part of the theory, and the one
10 which is not being implemented, is the lower fuel costs that should be allocated to the
11 customers that are allocated the higher capital costs. The methods employed by
12 RMP, by the Division and OCS are one-sided and do not recognize this important
13 tradeoff. As a result, these studies should not be entitled to any weight. The more
14 traditional methodologies I have presented do not suffer from this infirmity and are
15 more appropriate.

16 **Classification of Transmission Plant**

17 **Q HAS ANY PARTY PROVIDED A RATIONALE FOR CLASSIFYING 25% OF THE**
18 **FIXED COSTS ASSOCIATED WITH THE TRANSMISSION SYSTEM AS**
19 **ENERGY-RELATED?**

20 A No. No studies have been provided, and no rationale has been expressed. Clearly,
21 the technology choice argument that has been made in the case of generation
22 investment does not even exist with respect to the transmission system.

1 Transmission systems must meet peak loads, and a 100% capacity-related
2 classification is typically used.

3 In fact, PacifiCorp uses a 100% demand-related classification of transmission
4 costs when developing transmission charges applicable to wholesale customers in its
5 OATT filings with the FERC. This is typical for other utilities, as well.

6 The 25% energy-related classification for transmission investment has no
7 basis and should be rejected.

8 **Mr. Mancinelli's Criticism of the 3CP Method**

9 **Q HAVE YOU REVIEWED THE REBUTTAL TESTIMONY OF DIVISION WITNESS**
10 **MANCINELLI IN TERMS OF HIS CRITICISM OF THE 3CP METHOD?**

11 A Yes.

12 **Q AT PAGE 7 OF HIS REBUTTAL TESTIMONY HE MAKES THE STATEMENT THAT**
13 **THE 3CP APPROACH "PENALIZES CUSTOMERS FOR CONTRIBUTING TO THE**
14 **SYSTEM PEAK." PLEASE RESPOND TO MR. MANCINELLI'S CRITICISM.**

15 A I was somewhat surprised by Mr. Mancinelli's criticism. Charging customers on the
16 basis of their contribution to the system peak ... which causes costs to be incurred ...
17 is not a penalty, but is part of the process of allocating costs to those who cause
18 them.

19 **Q PLEASE ADDRESS MR. MANCINELLI'S "FREE RIDER" CRITICISM ON PAGE 8**
20 **OF HIS REBUTTAL TESTIMONY.**

21 A Mr. Mancinelli expresses a concern that using contributions to summer peak
22 demands may be unfair in that certain classes do not pay any generation

1 demand-related costs. The only example he could come up with is the relatively
2 small "Outdoor Lighting" customer class which represents less than seven
3 one-hundredths of 1% of RMP's total jurisdictional revenues in Utah (0.0646%). This
4 is the classic case of the tail wagging the dog.

5 **Revised Protocol Allocation Method Contained in the JAM**

6 **Q DOES MR. MANCINELLI, IN HIS REBUTTAL TESTIMONY, CONTINUE TO BE**
7 **SUPPORTIVE OF USING ALLOCATION METHODS FOR CLASS COST OF**
8 **SERVICE PURPOSES BECAUSE THEY ARE USED FOR JURISDICTIONAL**
9 **PURPOSES?**

10 A Yes, although he softens this stance somewhat at page 13 of his rebuttal testimony,
11 indicating that classification of costs should be consistent, but that different allocation
12 methods, such as for generation demand, can be applied in the class cost of service
13 study.

14 While I appreciate Mr. Mancinelli modifying his position somewhat, I continue
15 to disagree with his view that the classification methods need to be the same. For
16 reasons expressed in my direct testimony, as well as my rebuttal testimony, there is
17 no need to apply the same methods at the jurisdictional level and at the class level.

18 While there are many reasons for not applying the jurisdictional allocation
19 method to the class cost of service studies, this Commission's Orders issued
20 October 19, 2009 and November 9, 2009 in this docket concerning doubts about the
21 fairness of the current jurisdictional allocation model should be reason enough not to
22 extend the use of this allocation methodology.

1 **Division Recommendations for Study of Cost of Service Issues**

2 **Q HAVE DIVISION WITNESSES MADE RECOMMENDATIONS FOR FURTHER**
3 **STUDY OF CLASS COST OF SERVICE ISSUES?**

4 A Yes. At page 9 of his rebuttal testimony, Dr. Abdulle references the “operational use”
5 of generation assets and refers us to Mr. Mancinelli’s rebuttal testimony for further
6 detail. He concludes by saying that further study is required.

7 **Q WHAT DOES MR. MANCINELLI SAY ABOUT THIS SUBJECT?**

8 A At page 12 of his rebuttal testimony he refers to developing classification and
9 allocation methods from “. . . a planning and operational perspective.” He does not
10 provide any guidance as to the specific questions to be asked, the analyses to be
11 performed, the point in time the questions would be asked, how the operational and
12 planning perspectives would be combined, how inflation and changes in available
13 options would be addressed, etc.

14 **Division Recommendation on**
15 **Allocation of Any Change in Revenue Requirements**

16 **Q WHAT IS YOUR UNDERSTANDING OF THE DIVISION’S POSITION ON THE**
17 **ALLOCATION OF ANY CHANGE IN REVENUE REQUIREMENTS?**

18 A From Dr. Brill’s direct testimony, I understand the recommendation to be that any
19 increase should be allocated only to Schedules 9 and 10. From his supplemental
20 testimony, wherein the Division recommends a rate decrease, I understand the
21 Division’s position to be that any rate decrease should go exclusively to the
22 Residential customer class.

1 **Q DO YOU AGREE WITH THESE POSITIONS?**

2 A No. Those recommendations rest upon the results of particular class cost of service
3 studies. I believe that there are significant reasons for not relying upon the results of
4 the class cost of service studies in this case for purposes of making a non-uniform
5 adjustment to class revenue requirements.

6 As discussed previously, one of the major concerns is the accuracy of the
7 customer class load data which is used in the cost of service study and which
8 substantially influences the results. We have seen in RMP's rebuttal testimony an
9 admission that there were significant errors. When the errors that they identified were
10 addressed, the results of the cost of service studies changed significantly. Despite
11 those changes, however, the evidence shows that there remains substantial
12 unexplained differences between the sum of the customer class loads and the
13 jurisdictional loads. I do not believe that the available class load data is sufficiently
14 accurate to be relied upon for purposes of performing a class cost of service study.

15 Second, the study preferred by the Division uses the same 12CP-75/25
16 methodology that is contained in the Revised Protocol jurisdictional allocation study,
17 the fairness of which has recently been questioned by the Commission.

18 For these reasons, I believe that the most appropriate way to adjust class
19 revenues, whether there is an increase or a decrease, is an equal percentage
20 across-the-board adjustment.

1 **Transmission Revenue Requirement**

2 **Q IN ITS REBUTTAL, DID RMP ADDRESS THE ISSUE WHICH YOU HAD RAISED IN**
3 **YOUR DIRECT TESTIMONY CONCERNING THE TRANSMISSION REVENUE**
4 **REQUIREMENT?**

5 A Yes. In my direct testimony I made a comparison between the transmission revenue
6 requirement that RMP has identified in this case and the revenue requirement
7 indicated as applicable to the Utah jurisdiction in PacifiCorp's 2009 OATT update
8 filing with the FERC. RMP witness Paice addresses this at pages 18-20 of his
9 rebuttal testimony. He points out that the reconciling factor is the cost of the
10 transmission service which RMP purchases from other entities, in other words
11 "transmission by others."

12 **Q DO YOU ACCEPT MR. PAICE'S EXPLANATION?**

13 A Yes, I do. In looking at the entries in Account 565 that Mr. Paice references on
14 page 20 of his rebuttal testimony, it is noted, however, that roughly 60% of the costs
15 are incurred for services rendered by the Bonneville Power Administration. In light of
16 Utah's diminished share of hydro resources, I would strongly recommend that the
17 Commission direct the parties to give consideration to the purpose and use of the
18 purchased transmission services when re-evaluating the jurisdictional allocation
19 methodology.

20 **Q DO YOU HAVE ANY OTHER COMMENTS CONCERNING TRANSMISSION**
21 **REVENUE REQUIREMENTS?**

22 A Yes. In response to UIEC data request 10.2, RMP stated that its current FERC OATT
23 rate that applies to wholesale transactions is based on a 1994 historic test period. I

1 find it somewhat ironic that RMP would be arguing before this Commission for a
2 forecasted test year, yet be content to operate with a 15-year old historic test year in
3 developing its FERC regulated transmission charges.

4 **Q DOES THIS CONCLUDE YOUR PHASE I SURREBUTTAL TESTIMONY?**

5 **A** Yes, it does.

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