

1 **Q. Are you the same Jeffrey K. Larsen who previously testified in this**  
2 **proceeding?**

3 A. Yes.

4 **Q. What is the purpose of your rebuttal testimony?**

5 A. I will respond to a number of assertions made in the direct testimony of Kevin  
6 Higgins, representing the Utah Association of Energy Users Intervention Group  
7 (“UAE”), who has been critical of PacifiCorp's (the “Company”) proposed  
8 forecast test year in this proceeding. Specifically, I will address allegations that  
9 the Company's forecast of capital additions does not reflect proper ratemaking  
10 principles. I will also respond to some of Mr. Higgins comments on "forecasting  
11 errors" in the Company's last general rate case.

## 12 **Prepayments**

13 **Q. Please describe the test years being supported by PacifiCorp and by Mr.**  
14 **Higgins in this case.**

15 A. The Company's filing in this proceeding supports the twelve months ended  
16 September 30, 2007 as the appropriate test year. Mr. Higgins has proposed a  
17 calendar year 2006 test period. Regardless of the test year chosen, the new rates  
18 resulting from this proceeding will become effective in December 2006.

19 **Q. What issue has Mr. Higgins raised with respect to “prepayments” of costs**  
20 **included in the Company’s test period?**

21 A. Because PacifiCorp's forecast test year extends beyond the rate effective date, Mr.  
22 Higgins alleges that under the Company's proposal, customers will pay for capital  
23 investment that has not yet occurred or been placed in service. Mr. Higgins

24 claims that this constitutes a "prepayment". He extends this argument to not only  
25 plant in service, but also to inflation that has not yet arrived, labor cost increases  
26 that have not been received, and the cost of equity infusions before they are  
27 provided.

28 **Q. Does the manner in which the Company has calculated its forecast capital**  
29 **additions constitute a “prepayment” as Mr. Higgins has testified?**

30 A. No. The Company has used the 13-month average method of calculating rate  
31 base in this case. Under this approach, asset additions are not included in rate  
32 base until the month in which they are actually placed in service. For example,  
33 the Lake Side Plant will be completed in May 2007. Therefore, for the forecast  
34 test year October 1, 2006 through September 30, 2007, there will be no Lake Side  
35 costs in rate base during the months of October 2006 through April 2007. The  
36 full investment will be added in May 2007 and continue through September 2007.  
37 Since the new rates will be based on the Company's 13-month average rate base,  
38 rates only reflect a partial recovery of the new plant investment. In other words,  
39 customers will pay nothing for Lake Side from December 2006 through April  
40 2007 and will bear the full cost of the new plant that will be serving them from  
41 May through September 2007. The situation described by Mr. Higgins would  
42 only exist if a year-end rate base level at September 2007 were used rather than  
43 the proper method utilized by the company in averaging rate base levels.

44 **Q. Do you believe that the approach used by the PacifiCorp to forecast test year**  
45 **rate base is conservative and beneficial to customers?**

46 A. Yes. During the first year the new rates are in effect, customers will bear the cost

47 of new assets only for the period of time they are actually in service during that  
48 period. After the first year, these assets will be fully in service, but cost recovery  
49 will continue to be based on their partial inclusion in the test year. Customers will  
50 continue to pay less than a full annual return on this investment until the  
51 Company files a new rate case.

52 **Q. Based on the preceding discussion is it your conclusion that PacifiCorp's**  
53 **forecast capital additions are consistent with proper ratemaking principles?**

54 A. Yes. Under the Company's forecasting approach, customers bear only the cost of  
55 new plant that is actually providing service to them.

56 **Q. Is Mr. Higgins' concern about "prepaying" for inflation, labor cost increases**  
57 **and capital infusions a legitimate regulatory issue?**

58 A. No. The same averaging principle that applies to capital additions is applicable to  
59 these other costs as well. Inflation is applied using monthly indices, labor  
60 increases are effective on contractually determined dates, and cost of capital takes  
61 into account the dates of equity infusions. Thus, customers do not begin to pay  
62 for these costs until they are incurred; and as with capital additions, after the first  
63 year they continue to pay a partial year amount until rates are reset in the next  
64 general rate case. I believe that this entire discussion is little more than an effort  
65 to distract the Commission from the central test year issue which is to provide  
66 PacifiCorp with an opportunity to fully recover its reasonable and prudent cost of  
67 service during the rate effective period.

68

69 **Q. Is the timing of the rate change in relation to the test year a legitimate basis**  
70 **for favoring one test year over another?**

71 A. No. The Commission must choose the test period that will best reflect the  
72 conditions expected during the rate-effective period. In making this selection, the  
73 Commission may choose from statutory options that include a forecast test period  
74 that extends up to 20 months from the date of filing.

75 **Q. Is Mr. Higgins attempting to create a presumption against a forecast test**  
76 **year that extends 20 months from the date of filing?**

77 A. Yes, apparently so. As Mr. Higgins correctly points out, the statute makes no  
78 presumption for or against an historical or future test period. However, his  
79 testimony would create such a presumption if the Commission were to give  
80 credence to his argument. Under Utah law, the Commission must issue an order  
81 within eight months of the filing of a general rate case. Therefore, if a utility uses  
82 the 20 month forecast test year allowed by statute, the effective date of the rate  
83 change would occur at the beginning of the forecast test year and would,  
84 according to Mr. Higgins, violate ratemaking principles. While I have previously  
85 explained that Mr. Higgin's criticism is without merit, his position would  
86 preclude the use of a test year that extends 20 months from the date of filing, even  
87 though that test year is explicitly available under statute. In effect, he seeks to  
88 deny the Company the use of its proposed test period regardless of whether or not  
89 it best reflects the rate effective period. Such an outcome is contrary to the clear  
90 intent of the statute.

91

92 **Forecasting Variances**

93 **Q. Does PacifiCorp continue to believe that the test year consisting of the 12**  
94 **months ending September 30, 2007 best reflects the conditions in the rate**  
95 **effective period?**

96 A. Yes, as Mr. Walje discusses at some length in his rebuttal testimony, PacifiCorp is  
97 currently in the midst of a major construction effort that is necessary to provide  
98 the resources to serve Utah's growing load. The resulting assets are not paper  
99 projections that can be scaled back because the calendar year 2006 test year  
100 proposed by Mr. Higgins does not allow for their recovery. These construction  
101 projects reflect concrete and steel that is already in the ground, and only the  
102 forecast test period proposed by the Company can provide an opportunity to fully  
103 align cost recovery of these investments with the onset of service to customers.

104 **Q. Does Mr. Higgins offer any evidence that PacifiCorp's proposed test year**  
105 **does not best reflect the rate-effective period or that his proposed test year**  
106 **best reflects the rate-effective period?**

107 A. No. Mr. Higgins offers only a "broad brush" effort to discredit the Company's  
108 proposed test year. This effort consists of two basic arguments. The first  
109 argument is the "prepayments" issue that I have just addressed. The second  
110 argument might be paraphrased as follows: "Since it is easier to do a shorter-term  
111 forecast than a longer-term forecast, the Commission should adopt the UAE  
112 proposed test year because it is shorter-term and therefore might be more  
113 accurate." In support of this contention he points to several alleged "forecasting  
114 errors" in the Company's last general rate case, which also used a 20-month

115 forecast.

116 **Q. What forecasting errors does Mr. Higgins point to?**

117 A. Mr. Higgins claims that PacifiCorp over-estimated Distribution capital additions  
118 by \$20 million and used load forecasts that over-stated Utah allocation factors.  
119 He indicates that these "errors" created additional costs for Utah customers.

120 **Q. What is your response to Mr. Higgins' criticism of the Company's previous**  
121 **test year forecast?**

122 A. His criticism is unfounded. First, I think it is more accurate to refer to the  
123 difference between forecast and actual costs as a "variance" rather than an "error".  
124 This may be a matter of semantics since the effect is the same, but "error" is an  
125 emotionally-charged term, and all forecasts will inevitably produce variances  
126 when compared to actual results. With respect to capital additions, the real issue  
127 is whether the \$20 million dollar variance in Distribution investment had a  
128 material effect on the total forecast rate base. Forecast variances go in both  
129 directions, and it is the net impact that is relevant. For example, the 13 month  
130 average rate base used in the last case, understates the actual net investment in  
131 both generation and transmission plant for that time period. Overall, the variance  
132 in the Company's forecast of rate base in the previous case compared to actual  
133 was less than 1 percent on a Utah basis, with actual net plant investment greater  
134 than the forecast.

135 **Q. What about the overstatement of allocation factors? Should that be an area**  
136 **of significant concern?**

137 A. The accuracy of allocation factors is always a concern. However, Mr. Higgins

138 offers a very one-sided analysis of their impact in determining overall revenue  
 139 requirement. He suggests that overstated Utah allocation factors would have  
 140 resulted in a significant amount of excess plant and expense being allocated to  
 141 Utah. However, he conveniently ignores the fact that the same forecast of Utah  
 142 load growth that drove the calculation of allocation factors is also used to project  
 143 kilowatt hour sales and other billing determinants that determine the Utah retail  
 144 revenue forecast. If the allocation factors are overstated then retail revenues  
 145 would have been proportionately high as well. Mr. Higgins offers no evidence  
 146 that the net effect of the cost and revenue differences produced a disadvantage for  
 147 Utah customers. Certainly PacifiCorp has no incentive to set future rates based on  
 148 revenue projections that will never materialize.

149 **Q. Has the Company done any analysis to determine the sensitivity of load**  
 150 **variances on revenue requirement?**

151 A. Yes. Using data from the current case, the Company reduced Utah’s loads at  
 152 input levels by 2 percent and made corresponding adjustments to reduce revenues  
 153 by 2 percent and re-forecast net power costs. As shown in the following table the  
 154 load reduction actually increases the amount of the rate increase supported in the  
 155 case.

	<b>Results As Filed</b>	<b>2% Load Reduction</b>	<b>Difference</b>
Revenue Requirement	1,416,518,430	1,393,793,317	(22,725,112)
Present Revenues	1,222,388,737	1,197,940,962	(24,447,775)
Capped Price Change	194,129,693	195,852,355	1,722,663
Revenue Requirement	1,416,518,430	1,393,793,317	(22,725,112)
Retail kWh	21,538,272,000	21,107,506,560	(430,765,440)
Average Price per kWh	6.577 ¢	6.603 ¢	0.027 ¢

(excludes impact of deferred tax balance reallocation)

156 While the revenue requirement does go down by \$22.7 million as a result of the  
157 reduction in the load forecast, projected present revenues go down by \$24.4  
158 million. The net result is a \$1.7 million increase to the rate increase in the current  
159 case and an increase to the average price per kWh.

160 **Q. How would you characterize Mr. Higgins concerns about forecast variances?**

161 A. Mr. Higgins is obviously concerned that forecasts may be inaccurate to the  
162 detriment of customers. His solution to this problem is to shorten the forecast  
163 period in the hope of improving accuracy. Implicit in this approach is the idea  
164 that if a forecast test year must be used, the first criterion in selecting the  
165 appropriate period is the degree of forecast accuracy.

166 **Q. Do you share Mr. Higgins' concern about forecast accuracy?**

167 A. Yes. I agree that every effort should be made to prepare the most accurate test  
168 year forecast possible, and PacifiCorp has done that in this case. However, I  
169 disagree with the idea that ease of forecast preparation should be a primary driver  
170 in the selection of a test year. It is necessary to select the test year that best  
171 reflects the conditions in the rate-effective period. The period that "best reflects"  
172 the rate-effective period may not be the period that is easiest to forecast, but it is  
173 the period that should be used for setting rates. There is little benefit in being able  
174 to forecast a test period with great precision if it does not properly reflect the  
175 conditions that will be experienced when the new rates become effective. The  
176 calendar year 2006 test year proposed by Mr. Higgins may require a shorter term  
177 forecast, but 2006 simply does not fairly reflect the rate-effective period. It fails  
178 to capture major capital additions that are already under construction and which

179 will be serving customers in 2007.

180 **Q. What basis does the Commission have for determining that PacifiCorp's**  
181 **forecast for the test year ending September 2007 provides a reasonable**  
182 **representation of the rate effective period?**

183 A. The Commission need not rely solely on my assurances that the Company has  
184 prepared an accurate forecast. The ratemaking process provides opportunity for  
185 thorough review of the Company projected costs and capital investments.  
186 PacifiCorp has not proposed a "take it or leave it" forecast. The Company is  
187 prepared to document and explain its forecasting assumptions and recognizes that  
188 some of these assumptions may be questioned by other parties in this case. We  
189 acknowledge that the Commission will weigh the evidence and will undoubtedly  
190 make some changes in the forecast. What PacifiCorp cannot accept is the notion  
191 that a calendar year 2006 test period would be likely to better reflect the  
192 conditions in the rate effective period and would provide the Company with a  
193 reasonable opportunity to fully recover its cost of service and earn a fair return on  
194 shareholder investment.

195 **Conclusion**

196 **Q. Please summarize your rebuttal testimony.**

197 A. I have explained that test year proposed by PacifiCorp does not require customers  
198 to "prepay" for capital additions and expense. I explained that the manner in  
199 which the Company prepared its forecast ensures that customers bear only the  
200 cost of assets that are actually in service and expenses that have actually been  
201 incurred. I also addressed the variances identified by Mr. Higgins and put them in

202 proper context within the overall revenue requirement calculation. Finally, I  
203 examined the calendar year 2006 test year proposed by Mr. Higgins. I discussed  
204 why 2006 does not fairly represent the conditions expected in the rate-effective  
205 period and explained that ease of forecast preparation is not the appropriate  
206 criterion for test year selection.

207 **Q. Does this conclude your rebuttal testimony?**

208 A. Yes.