

1 **Q. Please state your name, business address and present position with**  
2 **PacifiCorp (or the “Company”).**

3 A. My name is David L. Taylor. My business address is 210 South Main, Salt Lake  
4 City, Utah, where I am employed as a Regulation Manager.

5 **Qualifications**

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

7 A. I received a B.S. in Accounting from Weber State College in 1979 and a M.B.A.  
8 from Brigham Young University in 1986. I have been employed by PacifiCorp  
9 since the merger with Utah Power in 1989. Prior to the merger I was employed  
10 by Utah Power, beginning in 1979. At the Company I have worked in the  
11 Accounting, Budgeting, and Pricing and Regulatory areas. From 1987 to the  
12 present I have held several supervisory and management positions in Pricing and  
13 Regulation.

14 **Q. Have you appeared as a witness in previous regulatory proceedings?**

15 A. Yes. I have testified on numerous occasions in Utah as well as in California,  
16 Idaho, Montana, Oregon, Washington, and Wyoming.

17 **Purpose and Summary of Testimony**

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

19 A. In my testimony I give a brief overview of the work of the Cost of Service and  
20 Rate Design Taskforce that was established in the last rate case. I then describe  
21 and give the reasons for the seasonally weighted generation and transmission  
22 demand factor (F10) and the monthly allocation factors (F85 – F96) for the net  
23 power costs components in the cost of service study.

24 **Cost of Service and Rate Design Taskforce**

25 **Q. Please describe the work of the Utah Cost of Service and Rate Design**  
26 **Taskforce.**

27 A. As part of the stipulation in the last general rate case (Docket No. 04-035-42), the  
28 parties in the case agreed to the formation of a task force to discuss generation-  
29 related cost of service and cost allocation issues, customer charge and rate design  
30 issues raised but not resolved in the case. The task force involved eleven  
31 interested parties who met numerous times over seven months to discuss the  
32 assigned issues and other issues proposed by task force participants. The task  
33 force provided an opportunity to revisit the appropriateness of the current Utah  
34 cost of service methodologies, which have been established over a number of  
35 years. Eleven issues were discussed and nine specific proposals were made  
36 during the course of the taskforce work. While the task force was unable to reach  
37 consensus on most issues, the parties were able to achieve a general consensus  
38 that we should explore a cost of service methodology that better reflects seasonal  
39 and time differentiated load and cost differences. A report on the task force  
40 activities and results was filed with Utah Commission on December 15, 2005.

41 **Q. Is PacifiCorp's seasonal allocation methodology proposed in this case**  
42 **consistent with the Company's proposal in the task force?**

43 A. Yes. The Company's recommendation in this case is the same as discussed in  
44 Proposal Number 9 in the task force report.

45 **Q. Why is the Company proposing a change to the generation and transmission**  
46 **allocation procedures?**

47 A. Over the past several years, the Company's retail loads have grown faster during  
48 the summer than during other times of the year. As a result, the Company's load  
49 profile is becoming more seasonal in nature. This is particularly true for the state  
50 of Utah. This issue was one of the primary concerns that led to the establishment  
51 of the Cost of Service and Rate Design Task Force. As I previously mentioned,  
52 there was a general consensus among task force participants that we should  
53 explore a cost of service methodology that better reflects seasonal and time  
54 differentiated load and cost differences. Additionally, PacifiCorp currently has  
55 seasonal differences in our prices for most customers. Incorporating seasonal  
56 differentiation into the cost of service more closely aligns the allocation of costs  
57 with the seasonal pricing.

58 **Seasonally Weighted Demand Factor**

59 **Q. How have generation and transmission fixed costs been allocated in the past?**

60 A. From 1989 through 2004, the demand component of generation and transmission  
61 costs was allocated using a twelve coincident peak (12CP) allocation. Under this  
62 method, each class's contribution to the twelve monthly system peaks was added  
63 together and reflected as a percent of the total 12CP for all classes. In essence,  
64 each monthly peak kW was given an equal weight, a weighting of one. A  
65 kilowatt ("kW") during the peak hour of March has the same effect on the cost  
66 allocation as a kW during the peak hour in July.

67 Prior to 1989, Utah Power allocated generation and transmission fixed

68 costs using an eight coincident peak (8CP) methodology. Under this approach  
69 loads during four months of the year (March, April, May, and October) were  
70 excluded in the calculation of the allocation factor. Or, in other words, eight  
71 months were given a weighting of one and four months were given a weighting of  
72 zero.

73 **Q. Please describe the Company's proposed seasonally weighted demand**  
74 **allocation factor?**

75 A. PacifiCorp recommends that the 75 percent demand 25 percent energy  
76 classification be retained for Generation fixed costs, but that the following  
77 modifications be made to the allocation of Generation fixed costs: Rather than  
78 assigning all monthly loads an equal weight, or applying a weighting of one in  
79 some months and a weighting of zero in other months, the demand related  
80 component of Factor 10 is developed using a relative monthly peak demand  
81 weighted 12 CP allocation factor. Each monthly CP has a different weighting  
82 factor greater than one applied. The monthly CP weightings are calculated by  
83 dividing each month's system coincident retail peak by the annual system retail  
84 peak. For example, for the twelve months ending September 2007, the system  
85 retail peak is forecasted to be 9,123 MW during July 2007. Therefore, the month  
86 of July receives a weighting of 1.00 (9,123/9,123). The forecasted system retail  
87 peak in October 2006 is 6,793 so it receives a weighting of 0.7446 (6,793/9123).  
88 The twelve monthly class coincident peaks are then multiplied by the monthly  
89 weighting factors and summed to calculate the weighted generation allocation  
90 factor.

91                   The complete details of calculation of the weighted F10 are detailed in the  
92                   workpapers included with Mr. Anderberg’s testimony.

93   **Q.    Is the concept of applying a monthly weighting component to class loads**  
94                   **already used in the used in the development of other allocation factors in the**  
95                   **cost of service study?**

96   A.    Yes. The concept is not new. The process just described for applying a monthly  
97                   weighting factor to class coincident peaks is similar to the process used to  
98                   development of the Weighted Distribution Peaks Factor (F20) that has been used  
99                   in the cost of service study for nearly twenty years.

100   **Monthly Net Power Costs**

101   **Q.    Please describe the Company’s recommendation for the monthly allocation**  
102                   **of Net Power Costs (NPC)?**

103   A.    PacifiCorp recommends that fuel and other net power cost components be  
104                   allocated on a monthly basis. Monthly class CP and energy loads are already  
105                   included in the cost of service study and net power costs are also calculated and  
106                   summarized by month in the NPC study for the test period. The allocation works  
107                   as follows: The monthly value for each major component of system net power  
108                   costs (Firm and Non-firm Wholesale sales, Firm and Non-Firm Purchases, and  
109                   Fuel) is multiplied by the appropriate Utah interjurisdictional allocation factor  
110                   (SE, SG, etc). Utah’s share of this monthly amount is then allocated to customer  
111                   classes using a factor based on that month’s energy usage, or combined CP and  
112                   energy in the case of firm purchases and sales. The process is repeated for each  
113                   month of the test period and the monthly values summed for the year. The annual

114 summation for each class would then be used to calculate the allocation factor for  
115 that component of NPC in the cost of service study.

116 **Q. Did you also look at an hourly allocation of fuel and other NPC components?**

117 A. Yes. As part of our work with taskforce we explored the possibility of developing  
118 and using an hourly allocation method for the net power costs components.  
119 Drawing upon the analysis from the Industrial Rate Design Task Force (Docket  
120 No. 04-035-11, we found that: 1) the amount of data required do develop hourly  
121 allocations of costs was enormous; 2) some components of NPC, such as the fixed  
122 charges associated with purchases are not differentiated by hour; and 3) the  
123 impact on class cost of service results was minimal. For all of these reasons,  
124 PacifiCorp does not recommend that fuel and other NPC components be allocated  
125 on an hourly basis.

126 **Q. Do you feel the Company's proposed modification to the allocation  
127 procedures are a better reflection of cost causation?**

128 A. Yes. PacifiCorp feels that these modifications represent a good start toward  
129 meeting the objective of reflecting seasonal load and cost differences in the cost  
130 of service study.

131 **Q. What are the impacts of proposed allocation procedures of cost of service  
132 results?**

133 A. The following table shows the class cost of service impacts of the proposed  
134 seasonally weighted demand factor and the monthly NPC allocation. The  
135 information in the table is based on the cost of service study provided by Mr.  
136 Anderberg in his testimony. Column "C" reflects the percent rate increase needed

137 achieve the target rate of return using the pre-MSP, non-seasonal, class allocation  
 138 factors. Column “D” reflects the percent increase needed using the allocation  
 139 procedures proposed by the Company in this case. Column “E” shows the change  
 140 in cost of service results associated with the proposed allocation method.

**PacifiCorp**  
**Cost Of Service By Rate Schedule**  
**State of Utah**  
**12 Months Ending September 2007**  
**Impact of Proposed Change in Allocation Factors**  
**8.48% = Target Return on Rate Base**

A	B	C	D	E
Schedule No.	Description	Percent Change from Current Revenues Rolled-In Factors	Weighted Factors	Impact of Wtd Factors
1	Residential	16.25%	17.20%	0.95%
6	General Service - Large	12.14%	11.72%	-0.42%
8	General Service - Over 1 MW	17.37%	16.54%	-0.83%
7,11,12,13	Street & Area Lighting	24.95%	25.05%	0.10%
9	General Service - High Voltage	21.13%	19.92%	-1.20%
10	Irrigation	22.29%	29.70%	7.41%
12	Traffic Signals	24.67%	23.89%	-0.79%
12	Outdoor Lighting	-38.94%	-39.49%	-0.55%
21	Electric Furnace	-21.18%	-26.30%	-5.13%
23	General Service - Small	13.64%	14.11%	0.47%
25	Mobile Home Parks	25.78%	26.66%	0.87%
SpC	Customer A	27.06%	25.32%	-1.75%
SpC	Customer B	30.17%	24.76%	-5.41%
SpC	Customer C	51.32%	49.44%	-1.88%
	Total Utah Jurisdiction	16.47%	16.47%	0.00%

141

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

143 A. Yes.