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IDAHO PUBLIC  
UTILITIES COMMISSION

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION )  
OF IDAHO POWER COMPANY FOR )  
AUTHORITY TO INCREASE ITS RATES ) CASE NO. IPC-E-07-08  
AND CHARGES FOR ELECTRIC SERVICE )  
TO ELECTRIC CUSTOMERS IN THE STATE )  
OF IDAHO. )  

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IDAHO POWER COMPANY  
DIRECT REBUTTAL TESTIMONY  
OF  
GREGORY W. SAID

1 Q. Please state your name.

2 A. My name is Gregory W. Said.

3 Q. Are you the same Gregory W. Said that  
4 previously submitted direct testimony in this proceeding?

5 A. Yes, I am.

6 Q. What is the purpose of your rebuttal  
7 testimony?

8 A. I will address what I believe are incorrect  
9 or inappropriate assumptions and conclusions related to the  
10 "matching" of test year 1) rate base, 2) expenses and 3)  
11 revenues contained in the testimonies of Commission Staff  
12 Witnesses Lobb and Carlock and Micron Witness Peseau. I  
13 will discuss how the directions given to other Staff  
14 witnesses by Mr. Lobb and Ms. Carlock were inconsistent,  
15 resulting in erroneous computations in the Staff's  
16 determination of the Company's revenue requirement as  
17 contained in the testimony of Staff Witnesses English and  
18 Stockton. I will respond to Ms. Carlock's contention that  
19 the Company did not adequately address the impact of  
20 regulatory lag. I will respond to Staff Witness Sterling's  
21 assertion that high gas prices benefit Idaho Power's  
22 customers. I will address Staff Witness Hessian's load  
23 growth adjustment recommendations. Finally, I will discuss  
24 how the combination of recommendations made by the Staff  
25 witnesses, if accepted by the Commission, will result in

1 rates that will preclude the Company from an opportunity to  
2 earn a fair rate of return as required by law.

3 Q. At page 15 of her testimony, Staff Witness  
4 Carlock states that "the matching principle is another long  
5 established, ratemaking concept where costs and revenues  
6 must match." Do you agree with Ms. Carlock's statement?

7 A. Yes. However, I believe the Staff has  
8 incorrectly matched revenues, expenses and rate base in its  
9 proposed July 1, 2006 through June 30, 2007 test year.

10 Q. Please describe how the Company went about  
11 matching costs and revenues in its filed 2007 test year.

12 A. The Company forecasted revenues for the 12  
13 months ending December 2007 and expenses for the 12 months  
14 ending December 2007 based upon plant forecasted to be in  
15 service by the end of December 2007 with annualization to  
16 reflect plant as if it was in service for the entire year.  
17 Normalized power supply expenses were determined for the  
18 2007 test year reflecting annualized generation plant in  
19 service and annualized power supply contracts, including the  
20 Horizon Wind project which was originally scheduled to be  
21 on-line on January 1, 2008. The Horizon Wind project  
22 actually began providing electricity on November 27, 2007  
23 and was fully operational on December 28, 2007. The Company  
24 also included an annualizing adjustment for a general wage  
25 adjustment of 3 percent which in reality became a 3.25

1 percent increase implemented on December 15, 2007. The  
2 Company included no investments, expenses, or revenues  
3 beyond January 1, 2008, so rates established in 2008 as a  
4 result of this proceeding will be ultimately based upon a  
5 period that is historic to the time the rates will be in  
6 effect.

7 Q. Please describe your understanding of how the  
8 Staff matched expenses, revenues and rate base in its July  
9 2006 through June 2007 test year.

10 A. The Staff accepted the Company's forecasted  
11 revenues for the 12 months ending December 2007, but  
12 "matched" those revenues with expenses for the 12 months  
13 ending June 2007. The only exception to this "matching" was  
14 in the area of power supply expenses. Staff's power supply  
15 expenses were initially similar to the Company's forecast of  
16 power supply expenses for a test year ending December 2007,  
17 but Staff reduced these expenses by \$6 million from the  
18 Company's estimate for reasons unrelated to matching. Other  
19 than power supply expenses, no other expenses were adjusted  
20 to reflect changes beyond June 2007. In fact, some expenses  
21 in Staff's test year were further reduced based upon Staff  
22 adjustments. Plant additions of greater than \$2 million  
23 beyond June 2007 were "proforma" adjusted into the test  
24 year, but again no corresponding expenses were included.  
25 The power supply expense associated with the purchase of

1 energy from the Horizon wind project was included in the  
2 Staff's test year expenses, but the general wage adjustment  
3 was not.

4 Q. Would you describe the Staff test year  
5 methodology as being consistent with the matching principal  
6 Ms. Carlock described in her testimony?

7 A. No. Staff reaches forward in time to capture  
8 the revenue growth envisioned in the Company's test year  
9 ending December 2007, but only reaches forward in time to  
10 capture a portion of expenses related to fuel and purchased  
11 power. This mismatch drives down the Company's revenue  
12 requirement by artificially understating expenses  
13 necessarily incurred to produce the additional revenues that  
14 Staff included.

15 Q. What percentage of total expenses are fuel  
16 and purchased power expenses?

17 A. From the data contained in the Company's  
18 filing, fuel and purchased power expenses in 2006 were  
19 approximately \$398.5 million out of \$753.8 million total  
20 operating expenses or 52.9 percent. Corresponding values  
21 from the Company's 2007 test year are normalized fuel and  
22 purchased power expenses of \$278.2 million out of \$672.3  
23 million total operating expenses or 41.4 percent.

24 Q. Mr. Lobb states on page 16 of his testimony  
25 that "including variable power supply costs in revenue

1 requirement more than offsets new customer revenue". Do you  
2 agree?

3 A. No. This statement suggests that "matching"  
4 has been achieved when only 41.4 percent of expenses are  
5 updated to year-end levels while 100 percent of revenue  
6 changes by year-end are captured. Ignoring increases in  
7 58.6 percent of total expenses while including 100 percent  
8 of revenue increases is counter to Staff's stated objective  
9 of proper matching.

10 Q. When referring to plant additions, Mr. Lobb  
11 states on page 10 of his testimony that "post-test year  
12 additions have been included in the test year as if they  
13 have been in service for the entire period." Is this a  
14 correct representation of what Staff has done?

15 A. No. What Mr. Lobb describes is usually  
16 referred to as "annualization" and is a common ratemaking  
17 convention that this Commission has regularly accepted in  
18 the past. However, the Staff did not annualize plant  
19 additions to represent those additions as if they had been  
20 in service for the entire period. Instead, as described in  
21 Ms. Carlock's testimony on page 15, "Plant placed in service  
22 beyond the test year ending June 30, 2007 has been proformed  
23 into the results of operations to match the in service date  
24 between July and December, 2007." As a result, plant  
25 additions are reflected in rate base for only a portion of a

1 year, for example 2 out of 12 months. Reflecting plant in  
2 service for only a portion of the test period is  
3 inconsistent with prior Commission direction<sup>1</sup> and counter to  
4 Mr. Lobb's stated direction (Lobb Direct page 13 lines 19-  
5 23) to continue using a methodology previously approved by  
6 the Commission to address the Company's desire to reduce  
7 regulatory lag.

8 Q. Dr. Peseau, at page 22 of his testimony  
9 states that "Idaho Power adds more to rate base than the  
10 total capital expenditures on those assets, by assuming they  
11 are in service for 15 months of a 12 months test period."  
12 Is he correct?

13 A. No. It is unclear how Dr. Peseau came to  
14 this conclusion, but the Company only reflected assets as if  
15 they were in service for the full 12 month period of the  
16 test year.

17 Q. Ms. Carlock states on page 17 of her  
18 testimony that "the need to further reduce regulatory lag in  
19 this case is also not adequately addressed in this case."  
20 Is Ms. Carlock accurately describing the record in this  
21 case?

22 A. No. Ms. Carlock ignores Exhibit 31 which is  
23 the Company's quantification of a 2008 revenue requirement,  
24 based on an assumption of Commission approval of the

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<sup>1</sup>Order No. 29505 issued in Case No. IPC-E-03-13, May 15, 2004.

1 Company's 2007 revenue requirement. I presented Exhibit 31  
2 in my direct testimony in this case. Restating the  
3 conclusion from my direct testimony, rates for 2008, based  
4 upon the 2007 test year, will be inadequate for the Company  
5 to earn its authorized rate of return under normal  
6 conditions with revenues falling \$23.3 million short of the  
7 2008 revenue requirement. Ms. Carlock does not address this  
8 quantification or the underlying analyses contained in  
9 Exhibit 31.

10 Q. Micron witness Peseau states that "Mr. Said  
11 acknowledges, if Idaho Power's proposed rates go into effect  
12 on January 1, 2008, those rates would produce annual  
13 revenues of \$695,423,270, roughly \$14,000,000 more than its  
14 claimed revenue requirement." Do you agree with this  
15 statement?

16 A. No. As I have just stated, 2008 revenues  
17 would fall short of the 2008 revenue requirement by \$23.3  
18 million. Dr. Peseau's characterization of my statements is  
19 a comparison of 2008 revenues to a 2007 revenue requirement,  
20 something that I did not do in my testimony.

21 Q. Dr. Peseau goes on to state that based upon  
22 this \$14 million difference between 2008 revenues and the  
23 2007 revenue requirement, the Company would be overearning  
24 from the first day rates would go into effect. Please  
25 comment.

1           A.       Dr. Peseau is wrong in his conclusion. He  
2 quotes from his Exhibit 502, the report to the Iowa  
3 legislature from the Iowa Utilities Board, as to the  
4 importance of matching costs and revenues, but then engages  
5 in the same mismatch behavior as Staff. He compares the  
6 revenues from one period (2008) to the revenue requirement  
7 of a different period (2007). Simply stated, revenue  
8 requirement is equal to the expenses associated with a  
9 particular test year plus a return component on assets held  
10 during the same test year. Comparing one year's revenue to  
11 a separate year's revenue requirement is a clear mismatch.  
12 Another error in Dr. Peseau's assessment set out on page 6  
13 of his direct testimony is his statement that increased  
14 revenues received throughout 2008 as a result of load growth  
15 in 2008 must be offset by an equal amount of expenses "in a  
16 single day" in order for the Company not to overearn its  
17 revenue requirement. Suggesting that an *annual* revenue  
18 change must be offset by a one-day expense change is another  
19 clear mismatch.

20           Q.       Have you reviewed the revenue requirement  
21 quantification performed by Staff Witness English?

22           A.       Yes, I have.

23           Q.       Please describe the differences between the  
24 Staff quantification of the Idaho jurisdictional revenue  
25 requirement and the Company quantification of the Idaho

1 jurisdictional revenue requirement.

2           A.       As an aid to my description of the  
3 differences between the Staff quantification of the Idaho  
4 jurisdictional revenue requirement and the Company  
5 quantification of Idaho jurisdictional revenue requirement,  
6 I prepared Exhibit 66 as a reference tool. I have  
7 simplified the Idaho jurisdictional revenue requirement  
8 quantification into four primary drivers: 1)rate base,  
9 2)rate of return, 3)expenses, and 4) revenues. Referring to  
10 row 1 of Exhibit 66, Staff has quantified test year Idaho  
11 jurisdictional rate base to be \$1.81 billion while the  
12 Company has quantified test year Idaho jurisdictional rate  
13 base to be \$1.88 billion, a difference of \$74.8 million.  
14 Row 2 of Exhibit 66 shows the Staff recommendation of a  
15 7.864 percent overall rate of return compared to the Company  
16 recommendation of an 8.561 percent overall rate of return.  
17 Multiplying the Idaho jurisdictional rate base by the  
18 recommended overall rate of return produces the recommended  
19 Idaho jurisdictional return component of revenue  
20 requirement. As shown on line 3 of Exhibit 66, the Staff  
21 quantifies an Idaho jurisdictional return of \$142.2 million  
22 based upon the rate base and rate of return drivers while  
23 the Company quantifies an Idaho jurisdictional return of  
24 \$161.2 million based upon the same two drivers of revenue  
25 requirement.

1                   Line 4 of Exhibit 66 shows the Staff  
2   quantification of the third revenue requirement driver,  
3   Idaho jurisdictional expenses, as \$669.4 million while the  
4   Company quantification of Idaho jurisdictional expenses is  
5   \$678.9 million, a difference of \$9.6 million. The final  
6   revenue requirement driver, revenues, is shown on line 5 of  
7   Exhibit 66. Staff and Company quantifications of revenues,  
8   because they are both based upon the same time frame,  
9   calendar year 2007, are essentially identical at \$801  
10  million. The revenue numbers reflect the Idaho  
11  jurisdictional allocation of 1) firm jurisdictional sales,  
12  2) system opportunity sales, 3) other operating revenues and  
13  4) IERCo operating income.

14                   The remainder of the rows on Exhibit 66 are  
15  entirely computational. Line 6, net income, is equal to  
16  line 5, revenues, minus line 4, expenses. Line 7, the  
17  earnings deficiency, is equal to line 3, return minus line  
18  6, net income. Line 8 is the constant, 1.642, which is the  
19  net-to-gross tax multiplier. Line 9, the Idaho  
20  jurisdictional revenue deficiency is equal to line 7, the  
21  earnings deficiency times line 8, the net-to-gross tax  
22  multiplier (the amount it takes to make the Company whole  
23  for income tax purposes). The Staff quantifies the Idaho  
24  jurisdictional revenue deficiency as \$17.5 million while the  
25  Company quantifies the Idaho jurisdictional revenue

1 deficiency as \$63.9 million.

2 Q. What are the primary reasons for the  
3 difference between the Staff's computation of Idaho  
4 jurisdictional rate base and the Company's computation of  
5 Idaho jurisdictional rate base?

6 A. I have identified three primary reasons that  
7 the Staff's computation of Idaho jurisdictional rate base is  
8 different from the Company's computation of Idaho  
9 jurisdictional rate base. The first reason, as I have  
10 previously discussed, is that while Mr. Lobb states that he  
11 directed his staff to include post-test year rate base  
12 additions in the test year as if they have been in service  
13 for the entire period, Ms. Stockton did not do so. The  
14 second reason is that the Staff has recommended the removal  
15 of previously capitalized pension benefits. The third  
16 reason, as I have also previously discussed, is the  
17 mismatching of rate base to revenues.

18 Q. Have you quantified the impact on Idaho  
19 jurisdictional rate base of Staff Witness Stockton's failure  
20 to annualize post test year rate base additions in a manner  
21 consistent with previous Commission orders and Mr. Lobb's  
22 stated direction?

23 A. Yes. Under my direction and supervision,  
24 Exhibit 67 was created to quantify the impact on Idaho  
25 jurisdictional rate base if Ms. Stockton had annualized post

1 test year rate base additions in a manner consistent with  
2 previous Commission orders and Mr. Lobb's stated direction.  
3 Correcting for the Staff's incorrect annualizing adjustments  
4 would add \$45.4 million to rate base.

5 Q. Have you quantified the impact on Idaho  
6 jurisdictional rate base of the Staff recommendation to  
7 exclude previously capitalized pension benefits from Idaho  
8 jurisdictional rate base?

9 A. Yes. Under my direction and supervision,  
10 Exhibit 68 was created to quantify the impact on Idaho  
11 jurisdictional rate base if Staff had followed prior  
12 practice and included previously capitalized pension  
13 benefits in Idaho jurisdictional rate base. Inclusion of  
14 previously capitalized pension benefits would add \$5.4  
15 million to Idaho jurisdictional rate base.

16 Q. After correcting for the Staff's incorrect  
17 annualizing of rate base additions and quantifying the  
18 impact of excluding previously capitalized pension benefits  
19 from rate base, what is the remaining difference in  
20 quantification of Idaho jurisdictional rate base that you  
21 attribute to mismatching?

22 A. Of the \$74.8 million difference between the  
23 Staff and Company quantifications of Idaho jurisdictional  
24 rate base, \$45.4 million is the result of the Staff's  
25 annualization error, \$5.4 million is the result of the Staff

1 recommendation to exclude previously capitalized pension  
2 benefits, and the remainder, \$24.0 million is the result of  
3 Staff mismatching rate base with revenues.

4 Q. Has the Company completed its accounting for  
5 electric plant in service as of November 2007?

6 A. Yes. Ms. Smith has informed me that the  
7 electric plant in service balance as of November, 2007 is  
8 greater than the amount the Company constructed as the end-  
9 of-test year 2007 electric plant in service balance in  
10 Exhibit 30.

11 Q. Does the end-of November 2007 electric plant  
12 in service balance suggest that the Company's 2007 test year  
13 rate base amount is appropriate?

14 A. Yes, the higher level for the actual November  
15 2007 electric plant in service balance suggests that the  
16 Company's forecast of 2007 rate base is appropriate. In  
17 fact, the Company's forecasted test year rate base is  
18 probably too low.

19 Q. Based on this information what should the  
20 Commission conclude with regard to the appropriate Idaho  
21 jurisdictional rate base?

22 A. At a minimum, the Commission should correct  
23 for the Staff error in annualization of rate base additions.  
24 In addition, the Commission should consider Company witness  
25 Smith's testimony supporting the inclusion of previously

1 capitalized pension benefits in rate base and finally, the  
2 Commission should consider Company witness Smith's rebuttal  
3 testimony describing the accuracy of the Company's  
4 forecasted 2007 test year rate base when compared to actuals  
5 to date in 2007 to appropriately match test year rate base  
6 to test year revenues. Simply by correcting these three  
7 errors in the differences between the Staff's quantification  
8 of the Idaho jurisdictional rate base, the Commission should  
9 arrive at a value near \$1.88 billion for Idaho  
10 jurisdictional rate base.

11 Q. What should the Commission conclude with  
12 regard to the appropriate rate of return for the Company?

13 A. Staff's quantification of the appropriate  
14 overall rate of return is 7.864 percent. The Company's  
15 application requested an overall rate of return of 8.561  
16 percent. Mr. Steve Keen and Mr. Avera have pointed out the  
17 shortcomings of Staff's proposed rate and the Commission  
18 should conclude that an overall rate of return closer to  
19 8.561 is appropriate.

20 Q. Has Mr. Steve Keen identified additional  
21 Staff mismatching with regard to the overall rate of return?

22 A. Yes. Mr. Steve Keen has informed me the  
23 Staff has mismatched capital structure costs. Those  
24 mismatches are discussed by Mr. Steve Keen.

25 Q. What are the primary reasons for the \$9.6

1 million difference between the Staff's computation of Idaho  
2 jurisdictional test year expenses and the Company's  
3 computation of Idaho jurisdictional test year expenses?

4           A.       I have identified two primary reasons for the  
5 \$9.6 million difference between the Staff's computation of  
6 Idaho jurisdictional test year expenses and the Company's  
7 computation of Idaho jurisdictional test year expenses. The  
8 first is the Staff recommendation that test year normalized  
9 power supply expenses be reduced by \$6 million. The  
10 remaining \$3.6 million is related to Staff's mismatch of  
11 expenses to rate base and revenues.

12           Q.       Mr. Sterling states on page 4 of his  
13 testimony that "High gas price actually benefit Idaho Power  
14 and its ratepayers in most years." Is he correct?

15           A.       No. It is inappropriate to suggest that the  
16 Company or its customers benefit from rising gas costs at  
17 the same time that the Company is adding natural gas-fired  
18 generation resources to its system in order to provide  
19 adequate service in the future. Mr. Sterling does, however,  
20 recognize that gas price assumptions included in AURORA  
21 power supply simulations are a primary driver of modeled  
22 market prices for electricity. The Company has repeatedly  
23 stated and the Commission has repeatedly recognized that  
24 within the Northwest, hydro conditions are also a primary

1 driver of market prices for electricity.<sup>2</sup> Low water  
2 conditions, droughts, tend to drive electricity prices in  
3 the Northwest up while abundant water tends to drive  
4 electricity prices in the Northwest down. The Company  
5 believes that AURORA modeling considers the gas price  
6 influence on electric market prices too heavily and the  
7 water condition influence on electric market price too  
8 lightly. In order to correct for this modeling deficiency,  
9 the Company differentiates gas price assumptions by water  
10 condition. Mr. Sterling has removed this differentiation  
11 suggesting that "Idaho Power assumed high gas prices are  
12 associated with low water conditions and that low gas prices  
13 occur when water conditions are high." The Company has been  
14 open and forthright in stating that this is not the Company  
15 assumption, but rather a means of correcting for a modeling  
16 deficiency.<sup>3</sup> Because AURORA modeling does not adequately  
17 reflect water condition impacts on electric market prices,  
18 higher gas price assumptions result in higher projected  
19 market prices under all conditions. This results in  
20 artificially high surplus sales revenues which reduce the  
21 Company's revenue requirement. This may be why Mr. Sterling  
22 believes that high gas prices are a benefit to Idaho Power's  
23 customers. In my opinion, by taking advantage of this

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<sup>2</sup> Order No. 24806 issued in Case No. IPC-E-92-25 and Order No. 30047 issued in Case No. IPC-E-06-07 are two examples.

<sup>3</sup> See pages 6 and 7 of Greg Said's direct testimony in Case No. IPC-E-03-13.

1 AURORA modeling deficiency, Staff is looking solely for an  
2 opportunity to reduce the quantification of normalized power  
3 supply expenses rather than to properly quantify normalized  
4 power supply expenses.

5 Q. Please describe the remaining \$3.6 million  
6 difference in quantification of test year expenses that you  
7 characterize as a result of mismatching expenses to rate  
8 base and revenues.

9 A. Some of the mismatching of expenses are  
10 related to Staff witness Vaughn's removal of expense items  
11 which are addressed by other Company rebuttal witnesses and  
12 the remainder of the mismatching results from necessary  
13 adjustments to expenses that would result from correction to  
14 the annualization of plant additions that I discussed  
15 earlier in my rebuttal testimony.

16 Q. Please explain how a change in rate base  
17 effects a change in expenses as well.

18 A. An example of how a change in rate base  
19 effects a change in expenses is the effect of annualization  
20 on depreciation. As a result of annualizing post-test  
21 year rate base additions in the test year as if they have  
22 been in service for the entire period, monthly depreciation  
23 expenses change to correspond to the annualization of rate  
24 base.

25 Q. What should the Commission conclude with

1 regard to the appropriate level of test year expenses?

2 A. Staff quantified the appropriate level of  
3 test year expenses to be \$669.3 million. The Company  
4 quantified the appropriate level of test year expenses to be  
5 \$678.9 million. The Commission should reject Mr. Sterling's  
6 adjustment to the power supply expenses as filed by the  
7 Company and should approve expenses equal to the Company  
8 proposed level to correct for incorrect annualization and  
9 matching problems contained in Staff recommendations.

10 Q. Are there any mismatches of expenses and  
11 revenues related to taxes that have not been addressed by  
12 you or any other Company witnesses?

13 A. Yes, I consulted with Idaho Power's Corporate  
14 Tax Director, Gene Marchioro. He informed me that Ms.  
15 Stockton utilized many of the Company's test year tax  
16 computations which are specific to the Company's filed test  
17 year and matched them inappropriately with Staff's proposed  
18 test year. Mr. Marchioro informed me that federal income  
19 taxes, interest charges, IERCO taxable income, the Idaho  
20 Investment Tax Credit Adjustment were all based upon the  
21 Idaho Power filed test year and are inappropriately used by  
22 Staff.

23 Q. Are there any other errors contained within  
24 the Staff quantification of expenses that you would like to  
25 mention?

1           A.        Yes.    Review of Staff Exhibit 113 revealed  
2 that Staff removed \$15.7 million of DSM related expenses.  
3 However, in Staff's 13 month beginning balance, there was  
4 only \$4.7 million of Demand Side Management (DSM) expense.  
5 In short, Staff removed \$11.0 million more than what  
6 existed.

7           Q.        What should the Commission conclude with  
8 regard to the appropriate level of test year revenues?

9           A.        Provided that the Commission adjusts rate  
10 base and test year expenses to match, the \$801.2 million of  
11 revenues proposed by the Company are appropriate for the  
12 revenue requirement determination.

13          Q.        At page 16 of his testimony, Staff Witness  
14 Hessing states the Company proposes "use of an incremental  
15 cost approach" to the load growth adjustment rate  
16 determination "instead of the marginal cost approach  
17 required by the Commission in its final order in Case No.  
18 IPC-E-06-08." Have you reviewed the final order Mr. Hessing  
19 is referring to?

20          A.        Yes.    That order is Order No. 30215.

21          Q.        What was the Company's request in Case No.  
22 IPC-E-06-08?

23          A.        The Company requested a change in the  
24 methodology used to determine the load growth adjustment  
25 rate (LGAR) within the power cost adjustment (PCA).

1 Specifically, the Company requested that the LGAR be based  
2 upon embedded costs.

3 Q. Did the Commission approve a change in  
4 methodology to determine the load growth adjustment rate  
5 based upon embedded costs?

6 A. No. As Mr. Hessing has pointed out in his  
7 testimony, the Commission ordered that the load growth  
8 adjustment rate should be determined using updated marginal  
9 cost analysis studies.

10 Q. Does Order No. 30215 definitively establish  
11 what the Commission meant by the term "marginal cost  
12 analysis studies"?

13 A. No. On page 3 of Order No. 30215, the  
14 Commission states "The current load growth adjustment  
15 multiplier of \$16.84/MWh used in the PCA true-up calculation  
16 is a marginal cost based rate determined in 1993 when the  
17 PCA was instituted. It was calculated by averaging the fuel  
18 costs of the Company's two highest operating cost base-load  
19 resources, Boardman and Valmy, which were the Company-owned  
20 resources deemed in 1993 most likely to be dispatched to  
21 meet additional loads."

22 Later on page 3, the Commission states  
23 "Alternatively, the Company proposes a load adjustment  
24 factor of \$17.15, a number that reflects the marginal cost  
25 of Company-owned resources and the occasional operation of

1 the Company's combustion turbine units."

2 On page 5 of Order No. 30215, the Commission  
3 discusses "a marginal cost approach that compares two AURORA  
4 runs of power supply expenses".

5 Based upon my reading of Commission Order No.  
6 30215, the Commission recognized a number of "marginal" cost  
7 analysis study methodologies.

8 Q. Do you believe that the Company's  
9 recommendation of a \$29.16 per megawatt-hour load growth  
10 adjustment rate based upon what you have referred to as an  
11 "incremental cost analysis" is consistent with the  
12 Commission intent when it directed the Company to use a  
13 "marginal cost analysis"?

14 A. Yes. Mr. Hessing assumes that only one  
15 marginal cost analysis method exists even though a number of  
16 marginal cost analysis methodologies are referenced in Order  
17 No. 30215. The specific marginal cost analysis methodology  
18 that I described in my direct testimony in this case is the  
19 marginal cost analysis method recommended by Mr. Hessing.  
20 However, in my opinion, the incremental cost methodology  
21 that I also described in my direct testimony should also be  
22 considered a marginal cost analysis consistent with the  
23 intent of Order No. 30215.

24 Q. Does Mr. Hessing discuss the revenue impact  
25 on the Company of serving additional load?

1           A.       Yes, at page 10 of his testimony, Mr. Hessing  
2 points out that residential revenues "near 6¢/kWh" and high  
3 load factor class revenues at "about 3¢/kWh" would not  
4 offset marginal power supply costs at over 6¢/kWh (\$60/MWh).  
5 If the Commission adopts Mr. Hessing's recommendation for  
6 the load growth adjustment rate, the Company will find  
7 itself in the bizarre situation of crediting customers  
8 through the PCA at a rate that is *greater* than the revenue  
9 that it receives from any customer class other than small  
10 general service customers. Crediting customers at a rate  
11 that is greater than what they pay while at the same time  
12 requiring the Company to serve those same customers using  
13 power supply resources that are more expensive than average  
14 system cost is irrational and severely damages the Company's  
15 opportunity to earn its authorized overall rate of return.

16           Q.       Based upon Mr. Hessing's recommendation of a  
17 \$62.79 per megawatt-hour load growth adjustment rate, what  
18 would the Company estimate the impact to be given a "normal"  
19 2008 condition?

20           A.       As per my direct testimony in this case,  
21 based upon the information contained in Exhibit 36, the  
22 Company expects that a "normal" 2008 condition would result  
23 in load growth of 273,425 megawatt-hours served at an  
24 additional expense of \$7.9 million. A load growth  
25 adjustment rate of \$62.79 per megawatt-hour would remove

1 \$17.2 million (273,425 megawatt-hours \* \$62.79 per megawatt-  
2 hour = \$17,168,356) from PCA consideration. This \$17.2  
3 million adjustment would remove \$9.3 million more than the  
4 incremental cost of serving load growth.

5 Q. How does this \$17.2 million PCA adjustment  
6 compare to the Staff recommendation for a revenue increase  
7 in this case?

8 A. Staff recommends a general rate increase in  
9 Idaho that would increase jurisdictional revenues by \$17.5  
10 million, but a load growth adjustment rate that will  
11 immediately remove \$17.2 million of recovery from the PCA  
12 mechanism in 2008. This is not a rational result.

13 Q. Looking at the combination of Staff's  
14 recommendations in this case, in your judgment will the  
15 Company be able to earn a fair rate of return as required by  
16 law?

17 A. In my opinion, no. I have stated in my  
18 direct testimony, based upon anticipated growth in rate base  
19 and expenses, even with approval of Company proposed rates,  
20 the Company would expect to fall short of its authorized  
21 overall rate of return under normal conditions. As shown on  
22 page 1 of Exhibit 31, the Company would expect to earn a  
23 7.86 percent overall rate of return, 0.7 percentage points  
24 below an authorized 8.56 percent overall rate of return.  
25 Establishing a test year revenue requirement based on

1 inappropriate annualization and mismatched rate base,  
2 expenses and revenues as proposed by Staff results in  
3 further erosion of the Company's ability to recover its  
4 authorized overall rate of return. Add to that the Staff's  
5 proposed load growth adjustment rate, which removes power  
6 supply expenses at a rate that is greater than the rate at  
7 which the Company receives additional revenues from load  
8 growth, and it is virtually certain that the Company will  
9 not have an opportunity to earn a fair overall rate of  
10 return.

11 Q. Does this conclude your rebuttal testimony?

12 A. Yes, it does.

1	2 Staff	3 Company	4 Gap
1 Rate Base	1,807,849,061	1,882,670,920	74,821,859
2 Rate of Return	<u>7.864%</u>	<u>8.561%</u>	
3 Return	142,171,058	161,175,457	19,004,399
4 Expenses	669,364,817	678,949,369	9,584,552
5 Revenues	800,906,946	801,181,308	274,362
6 Net Income	131,542,129	122,231,939	
7 Earnings Deficiency	10,628,929	38,943,518	28,314,589
8 Tax Multiplier	1.642	1.642	
9 Revenue Deficiency	17,452,701	63,945,257	46,492,556

**Idaho Power Company  
Rate Base Additions**

Line No.	Description	1	2	3	4	5	6	7	8	9
		IPUC Adjustment	Corrected Annualization	Difference	Annual Reserve Adjustment	Net System Correction	Allocation Source	Allocation % Idaho	Idaho Jurisdictional Correction	
<b>Distribution</b>										
Stations:										
1	Cartwright Substation		1,698,978	1,698,978	(22,936)	1,676,042	DA362S	95.75%	1,604,810	
2	Pole Line Substation- New 138k	182,121	2,185,454	2,003,333	(27,045)	1,976,288	"			
<b>Transmission</b>										
Lines:										
3	HRFT-STKY 138 KV Right of way and build 95 miles of new line		99,336	99,336	(1,341)	97,995	D11	86.26%	84,530	
4	Starkey-Jump 138 KV, 28 miles	1,863,170	11,179,019	9,315,849	(125,764)	9,190,085	"	86.26%	7,927,367	
5	STKY-JUMP Build 28 miles 138 k	2,135,314	8,541,255	6,405,941	(86,480)	6,319,461	"	86.26%	5,451,167	
6	JUMP-LKFK CONSTRUCT NEW 138 KV	1,253,916	5,015,665	3,761,749	(50,784)	3,710,965	"	86.26%	3,201,079	
7	Construct new 3 mile tap to N.		1,025,034	1,025,034	(13,838)	1,011,196	"	86.26%	872,258	
Stations:										
8	BUILD 230/138-13KV STATION	898,275	3,593,100	2,694,825	(36,380)	2,658,445	D11	86.26%	2,293,175	
9	Brownlee 75 Mvar 230 KV Shunt		583,040	583,040	(7,871)	575,169	"	86.26%	496,141	
10	Eikhorn Wind Generation - Tran	328,685	3,944,219	3,615,534	(48,810)	3,566,724	"	86.26%	3,076,656	
11	EMS/Advances application project	779,133	3,116,530	2,337,397	(127,154)	2,210,243	"	86.26%	1,906,556	
12	EMS workstations for Banner bank building		231,043	231,043	(3,119)	227,924	"	86.26%	196,607	
<b>Production</b>										
Thermal:										
13	Other Projects (under \$500,000) - Bridger	2,135,580	8,542,320	6,406,740	(86,491)	6,320,249	D10	94.97%	6,002,340	
14	Other Projects (under \$250,000) - Valmy	176,801	707,206	530,404	(7,160)	523,244	"	94.97%	496,925	
15	Evaporation Pond Liners	350,000	2,100,000	1,750,000	(23,625)	1,726,375	"	94.97%	1,639,538	
Hydro:										
16	Compliance - Upper Pahsimeral Hatchery Rebuild - 2007 in-service	2,261,660	9,046,640	6,784,980	(91,597)	6,693,383	D10	94.97%	6,356,706	
<b>Licenses:</b>										
17	Transmission: Install a 230/138 kv tie bank		160,759	160,759	(2,170)	158,589	D11	86.26%	136,799	
18	Compliance - Lower Malad Fish Passage	248,063	2,976,750	2,728,688	(36,837)	2,691,850	D10	94.97%	2,556,450	
<b>General Land:</b>										
19	Purchase Star property for North River Operations Center	2,777,000	2,777,000	-		-	PTD	92.65%	-	
<b>Communication Equipment:</b>										
20	Install Comm equipment and rel		94,850	94,850	(1,280)	93,570	PTD	92.65%	86,692	
21	Microwave Improvements for Elk		102,478	102,478	(1,383)	101,095	"	92.65%	93,664	
22	Install Microwave Reflector at		228,000	228,000	(3,078)	224,922	"	92.65%	208,390	
<b>Other Distribution &amp; Power Supply</b>										
23		810,098	1,620,196	810,098	(10,936)	799,162	PTD	92.65%	740,424	
<b>TOTAL</b>		16,199,816	69,568,872	53,369,057	(816,082)	52,552,975			45,428,274	

**Idaho Power Company  
Capitalized Pension**

Line No.	1 Description	2 IPUC Adjustment	3 Annual Depreciation Reserve Adjustment	4 Net System Correction	5 Allocation Source	6 Allocation % Idaho	7 Idaho Jurisdictional Correction
	Intangible Plant	126,344.00	(8,300.53)	118,043	L96	93.4%	110,200
	Production Plant	2,768,005	(181,852.08)	2,586,153	D10	95.0%	2,456,069
	Transmission Plant	1,054,238	(69,261.21)	984,977	L134	85.3%	840,051
	Distribution Plant	1,905,654	(125,197.44)	1,780,457	L166	93.7%	1,668,179
	General Plant	389,141	(25,565.74)	363,575	PTD	92.7%	336,852
24	<b>TOTAL</b>	<u>6,243,382</u>	<u>(410,177)</u>	<u>5,833,205</u>			<u>5,411,351</u>