

McDowell Rackner & Gibson PC



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February 25, 2013

VIA ELECTRONIC AND U.S. MAIL

PUC Filing Center
Public Utility Commission of Oregon
PO Box 2148
Salem, OR 97308-2148

Re: UE ____ -Idaho Power Company's 2012 Annual Power Supply Expense True-Up

Attention Filing Center:

Enclosed in the above-captioned docket are an original and five copies of Idaho Power Company's 2012 Annual Power Supply Expense True-Up and Direct Testimony and Exhibits of Courtney Waites.

A copy of this filing has been served on all parties to this proceeding as indicated on the attached certificate of service. Please contact me with any questions.

Very truly yours,

Wendy McIndoo
Office Manager

Enclosures

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

UE ____

In The Matter of the Application of IDAHO
POWER COMPANY for Authority to
Implement a Power Cost Adjustment Tariff
Schedule for Electric Service to Customers in
the State of Oregon.

**2012 ANNUAL POWER SUPPLY
EXPENSE TRUE-UP**

In compliance with Order No. 08-238 as amended by Order No. 09-373 (hereinafter "Order No. 08-238"), Idaho Power Company ("Idaho Power" or "Company") hereby files its 2012 Annual Power Supply Expense True-Up ("True-Up"), which implements the power cost adjustment mechanism ("PCAM") by calculating the deviation between actual net power supply expenses ("NPSE") and those expenses recovered through rates. Accordingly, Idaho Power requests that the Public Utility Commission of Oregon ("Commission") issue an order confirming that the Company has correctly calculated the amount of the True-Up for later inclusion in rates as \$0.00 and confirming that the Company will not add any amounts to the Annual Power Supply Expense True-Up Balancing Account ("True-Up Balancing Account") for 2012. This filing is based upon the following:

1. In Order No. 08-238, the Commission approved a PCAM for Idaho Power that requires the Company to file, in February of each year, a True-Up that will implement the PCAM by calculating the deviation between actual NPSE and those expenses recovered through rates. Order No. 08-238 further requires that eligible power supply expense deviations will be added to the True-Up Balancing Account at the end of each 12-month period ending December along with 50 percent of the annual interest calculated at the Company's authorized cost of capital. The required calculations are detailed in the Stipulation attached as Exhibit A to Order No. 08-238.

1 2. As described in the Testimony of Courtney Waites filed herewith, Idaho
2 Power has calculated its True-Up in accordance with the methodology approved by the
3 Commission in Order No. 08-238, and has determined that the amount of \$0.00 should be
4 added to the True-Up Balancing Account because the Oregon Allocated Power Cost
5 Deviation is within the deadbands as calculated using the Company's 2011 Report of
6 Operations ("ROO"). Consistent with Order No. 09-373, the Company will recalculate the
7 deadbands using the 2012 ROO as required under Order No. 09-373, and will make any
8 appropriate supplemental filings.

9 3. Idaho Power wishes to waive paper service in this docket. Communications
10 regarding this Application should be address to:

11

12 Lisa Rackner
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 Idaho Power Company
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15 Christa Bearry
16 Idaho Power Company
17 P.O. Box 70
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 dockets@idahopower.com

18 For all of the above reasons, Idaho Power requests that the Commission issue its
19 order confirming that the Company has correctly calculated the amount of the True-Up and
20 confirming that the Power Cost Adjustment amount of \$0.00 requires no adjustment to the
21 True-Up Balancing Account.

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1 Respectfully submitted this 25th day of February 2013.

2 McDOWELL & RACKNER PC

3 
4 _____
5 Lisa F. Rackner
6 Adam Lowney

7 IDAHO POWER COMPANY

8 Lisa D. Nordstrom
9 Lead Counsel
10 PO Box 70
11 Boise, ID 83707

12 Attorneys for Idaho Power Company

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CERTIFICATE OF SERVICE

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I hereby certify that I served a true and correct copy of the foregoing document in
Idaho Power Company's 2012 Annual Power Supply Expense True-Up on the following
named person(s) on the date indicated below by email addressed to said person(s) at his or
her last-known address(es) indicated below.

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DATED: February 25, 2013


Wendy McIndoo
Office Manager

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

DOCKET NO. UE _____

IN THE MATTER OF THE APPLICATION)
OF IDAHO POWER COMPANY FOR)
AUTHORITY TO IMPLEMENT A POWER)
COST ADJUSTMENT TARIFF SCHEDULE)
FOR ELECTRIC SERVICE TO CUSTOMERS)
IN THE STATE OF OREGON.)
2012 ANNUAL POWER SUPPLY EXPENSE)
TRUE-UP)
_____)

IDAHO POWER COMPANY

DIRECT TESTIMONY

OF

COURTNEY WAITES

February 25, 2013

1 **Q. Please state your name, business address, and present position with Idaho**
2 **Power Company ("Idaho Power" or the "Company").**

3 A. My name is Courtney Waites. I am employed by Idaho Power as a Regulatory
4 Analyst in the Regulatory Affairs Department. My business address is 1221 West
5 Idaho Street, Boise, Idaho 83702.

6 **Q. Please describe your educational background.**

7 A. In December of 1998, I received a Bachelor of Arts degree in Accounting from the
8 University of Alaska in Anchorage, Alaska. In 2000, I earned a Master of Business
9 Administration degree from Alaska Pacific University. I have attended New Mexico
10 State University's Center for Public Utilities and the National Association of
11 Regulatory Utility Commissioners "Practical Skills for the Changing Electric Industry"
12 conference, the Electric Utility Consultants, Inc., "Introduction to Rate Design and
13 Cost of Service Concepts and Techniques for Electric Utilities" conference, Edison
14 Electric Institute's "Introduction to Public Utility Accounting" course, and Edison
15 Electric Institute's Electric Rates Advanced course.

16 **Q. Please describe your work experience.**

17 A. I became employed with Idaho Power in December 2004 in the Accounts Payable
18 Department. In 2005, I accepted a Regulatory Accountant position in the Finance
19 Department where one of my tasks was to assist in responding to regulatory data
20 requests pertaining to financial issues. In 2006, I accepted my current position,
21 Regulatory Analyst, in the Regulatory Affairs Department. My duties as a Regulatory
22 Analyst include providing support for the Company's various regulatory activities,
23 including tariff administration, regulatory ratemaking and compliance filings, and the
24 development of various pricing strategies and policies.

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

2 A. The purpose of my testimony is to describe the quantification of the Company's
3 Annual Power Supply Expense True-Up ("True-Up Rate"), which is detailed in Order
4 Nos. 08-238 and 09-373. In order to determine the True-Up Rate, I will first describe
5 the quantification of the dollar balance in the Annual Power Supply Expense True-Up
6 Balancing Account ("True-Up Balancing Account"), including the credit for the sale of
7 SO2 Allowances and Renewable Energy Credits ("RECs") made during the deferral
8 year.

9 **Q. What is the True-Up Balancing Account?**

10 A. The True-Up Balancing Account is a Company account where the Power Cost
11 Adjustment ("PCA") is quantified at the end of each 12-month period ending
12 December, along with 50 percent of the annual interest calculated at the Company's
13 authorized cost of capital. Subject to an earnings test, the PCA is 90 percent of the
14 amount that the Oregon Allocated Power Cost Deviation is above or below the
15 Power Supply Expense Deadband.

16 **Q. How does Order No. 09-373 impact the Annual Power Supply Expense True-Up
17 Balancing Account?**

18 A. Order No. 09-373 clarifies which year's Results of Operations ("ROO") should be
19 relied upon in calculating the deferral deadbands and the earnings test components
20 of the Power Cost Adjustment mechanism. Idaho Power, the Citizens' Utility Board
21 of Oregon, and the Staff of the Public Utility Commission of Oregon ("Commission")
22 agreed that for its initial calculation of the Annual Power Supply Expense True-Up
23 filed in February each year, the Company will use the most recent ROO report
24 available, the ROO for the year preceding the deferral period. Once the ROO report
25 for the year of the deferral period becomes available, the Company will file an
26

1 updated calculation of the Annual Power Supply Expense True-Up. The updated
2 calculation is expected to occur in April of each year.

3 **Q. Have you prepared an exhibit that quantifies the initial estimate of the amount**
4 **to be added to the True-Up Balancing Account for 2012?**

5 A. Yes. Exhibit 101 is the Company's quantification of the net power supply expenses
6 to be trued-up for 2012.

7 **Q. Please describe Exhibit 101 and the Company's quantification of the estimated**
8 **amount to be included in the True-Up Balancing Account.**

9 A. In Exhibit 101, the columns detail the monthly and year-to-date deviations between
10 actual net power supply expenses incurred and the power costs collected through
11 rates. The last column represents the annual amounts used in determining the
12 amount to be included in the True-Up Balancing Account.

13 **Q. Please describe the calculations used to determine the amount to be included**
14 **in the True-Up Balancing Account.**

15 A. First, the Actual Unit Cost is calculated.

16 **Q. How is the Actual Unit Cost calculated?**

17 A. The Actual Unit Cost for net power supply expenses incurred is the total Actual Net
18 Power Supply Expense ("Actual NPSE") incurred divided by the Actual Sales. The
19 Actual NPSE is determined on a system-wide basis and includes amounts booked to
20 Federal Energy Regulatory Commission (FERC) Accounts 501 (Fuel-Coal), 547
21 (Fuel-Gas), 555 (Purchased Power), 442.3 (Hoku 1st Block Energy Sales), and 447
22 (Sales for Resale). In short, Actual NPSE is calculated by adding fuel plus
23 purchased power less off-system sales. The Actual NPSE for 2011 was
24 \$290,901,761.62. Actual Sales for 2012 were 14,084,532 megawatt-hours ("MWh").
25 Dividing Actual NPSE by Actual Sales results in the Actual Unit Cost of \$20.65 per
26 MWh ($\$290,901,761.62 \div 14,084,532 \text{ MWh} = \20.65 per MWh).

1 **Q. What is the next step in the true-up calculation?**

2 A. The next step in the true-up calculation is to compare the Actual Unit Cost to the
3 Combined Rate. The Combined Rate is comprised of two components: (1) The
4 October Power Cost Update, and (2) the March Power Cost Forecast. The
5 Combined Rate in effect from January through May 2012 was \$17.98/MWh and the
6 Combined Rate in effect from June through December 2012 was \$20.76/MWh. The
7 Combined Rate reflects the Commission-approved amounts reflected in rates during
8 the months of the true-up period. The Annual Combined Rate, which is based on the
9 five months of \$17.98/MWh and the seven months of \$20.76/MWh, is \$19.68/MWh.

10 **Q. What is the deviation between the Actual Unit Cost and the Combined Rate for**
11 **2012?**

12 A. For 2012, the deviation between the Actual Unit Cost (\$20.65/MWh) and the
13 Combined Rate (\$19.68/MWh) is \$0.98 per MWh ($\$20.65 - \$19.68 = \$0.98$). This
14 amount is multiplied by the Actual Sales (14,084,532 MWh) to determine the
15 deviation from the forecast on a system-wide basis, or \$13,750,936.31.

16 **Q. How is the Oregon jurisdictional portion of the deviation from the forecast on a**
17 **system-wide basis calculated?**

18 A. The Oregon Allocated Power Cost Deviation is calculated by multiplying the system-
19 wide deviation from the forecast by the Oregon allocation factor. The Oregon
20 allocation factor is the energy allocator used in the ROO. Currently, using the 2011
21 ROO, the Oregon allocation factor is 4.60 percent. This results in an Oregon
22 Allocated Power Cost Deviation of \$632,543.07, meaning the amount of the Oregon
23 allocated power supply costs recovered in rates was less than the actual Oregon
24 allocated power supply costs ($(\$13,750,936.31) \times 4.60 \text{ percent} = \$632,543.07$).

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1 **Q. You stated earlier that as a result of Order No. 09-373 you will use the previous**
2 **year's ROO to calculate the Annual Power Supply Expense True-Up filed in**
3 **February, but once the ROO for the year of the deferral is available, you will**
4 **update the calculation of the Annual Power Supply Expense True-Up. Will the**
5 **Oregon Allocated Power Cost Deviation change?**

6 A. If the Oregon allocation factor in the 2012 ROO is different than the Oregon
7 allocation factor in the 2011 ROO, then the Oregon Allocated Power Cost Deviation
8 will change.

9 **Q. Is the Oregon Allocated Power Cost Deviation of \$632,543.07 the amount of**
10 **dollars to be added to the True-Up Balancing Account?**

11 A. No. Once the Oregon Allocated Power Cost Deviation is calculated, a Power Supply
12 Expense Deadband is applied.

13 **Q. Please explain how the Power Supply Expense Deadband is applied.**

14 A. The Power Supply Expense Deadband is based upon the Company's authorized
15 Return on Equity ("ROE") from its last general rate case and the rate base measured
16 on an Oregon basis from the most recent Oregon ROO report. The Oregon
17 Allocated Power Cost Deviation is compared to the positive and/or negative
18 deadbands. A positive deviation (Actual NPSE greater than those recovered through
19 the Combined Rate) constitutes an excess power supply expense. This expense is
20 first reduced by a deadband that is the dollar equivalent of 250 basis points of ROE
21 (Oregon basis). A negative deviation (Actual NPSE less than those recovered
22 through the Combined Rate) is a power supply expense savings. This savings is
23 reduced by a deadband that is the dollar equivalent of 125 basis points of ROE
24 (Oregon basis).

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1 **Q. What are the deadbands used for the calendar year 2011?**

2 A. Using the Company's authorized ROE from its last general rate case and the
3 Company's Oregon rate base of \$106,512,527, the Upper Deadband of 250 Basis
4 Points equals \$2,229,150 and the Lower Band of 125 Basis Points equals negative
5 \$1,114,575. See Exhibit 102.

6 **Q. Will the deadbands change as a result of the 2012 ROO?**

7 A. Yes, they will. A final determination of the deadbands will be made once the 2012
8 ROO is available.

9 **Q. Based upon the initial estimate of deadbands, what is the amount of the net
10 power supply expense deviation to be added to the True-Up Balancing
11 Account for the calendar year 2012?**

12 A. The amount of the Oregon Allocated Power Cost Deviation, \$632,543.07, is less
13 than the Upper Deadband of \$2,229,150. Therefore, the dollar amount to be
14 considered to add to the True-Up Balancing Account is zero.

15 **Q. Once the deferral is calculated, an earnings test must be applied. Has the
16 Company performed the earnings test described above?**

17 A. No.

18 **Q. Why was an earnings test not performed?**

19 A. Order No. 08-238 states that before any amounts of a deferral are approved for
20 inclusion in the Annual Power Supply Expense True-Up Balancing Account for
21 subsequent recovery or refund, the Commission will apply an earnings test. Since
22 the Company is not proposing any deferral amounts be added to the Annual Power
23 Supply Expenses True-Up Balancing Account, the Company was not required to
24 perform an earnings test.

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1 **Q. In previous years the Company has proposed to offset its Oregon Allocated**
2 **Power Cost Deviation by the sale of SO2 Allowances made during the deferral**
3 **year. Were any sales of SO2 Allowances made during the calendar year 2012?**

4 A. Yes. The total customer benefit of SO2 Allowance sales made in 2012 was \$152.82
5 (see Exhibit 103). Adding this customer benefit to the Oregon Allocated Power Cost
6 Deviation of \$632,543.07 creates a deviation of \$632,390.25. This amount is still
7 less than the Upper Deadband of \$2,229,150; therefore, the amount to be added to
8 the True-Up Balancing Account is still zero. Again, no earnings test is required.

9 **Q. Order No. 11-086 requires Idaho Power to apply the net proceeds from the sale**
10 **of RECs as a credit to the power cost deferral currently in amortization. Were**
11 **any sales of RECs made during the calendar year 2012?**

12 A. Yes. The total Oregon jurisdictional customer benefit of REC sales made in 2012
13 was \$154,393.35 (see Exhibit 104).

14 **Q. Does the customer benefit of \$154,393.35 from the sale of RECs change the**
15 **amount you propose to be added to the True-Up Balancing Account?**

16 A. No. The customer benefit of \$154,393.35 from the sale of RECs will be applied as a
17 credit to the power cost deferral currently in amortization. As a result, there will be
18 no impact to the amount proposed to be added to the True-Up Balancing Account.
19 By offsetting the 2007 excess power cost deferral currently in amortization,
20 customers will receive the benefits of 2012 REC sales immediately in the form of a
21 reduced amortization period.

22 **Q. Does this conclude your testimony?**

23 A. Yes, it does.
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BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

IDAHO POWER COMPANY

Exhibit Accompanying Direct Testimony of Courtney Waites

Oregon PCAM Quantification
January 2012 through December 2012

February 25, 2013

2012 PCAM Twelve Months Ended December 31, 2012										
OREGON PCAM (Schedule 56)										
ACTUAL POWER COSTS										
Actual NPSE Costs										
Actual Sales - Includes Unbilled	MWh	January	January YTD	February	February YTD	March	March YTD	April	April YTD	May
Fuel			1,142,522	1,030,449	2,172,971	1,005,042	3,178,013	971,945	4,149,958	1,154,493
Purchased Power	\$	13,239,650.04	13,239,650.04	11,311,816.97	24,551,467.01	8,199,738.57	32,751,205.58	6,671,304.12	39,422,509.70	6,211,778.58
Oregon Solar Pilot	\$	4,169,316.04	4,169,316.04	2,520,642.50	6,689,958.54	2,902,765.45	9,592,723.99	2,182,940.11	11,775,664.10	5,739,145.20
Surplus Sales	\$	315.26	315.26	310.25	625.51	315.35	940.86	141.69	1,082.55	311.24
Total Non-QF	\$	(8,710,718.43)	(8,710,718.43)	(9,376,963.55)	(18,086,681.98)	(11,193,335.28)	(29,280,017.26)	(5,692,463.01)	(34,972,480.27)	(5,095,994.07)
QF - Includes Net Metering and Liquidated Damages	\$	8,698,562.91	8,698,562.91	4,456,806.17	13,155,369.08	(90,515.91)	13,064,853.17	3,161,922.91	16,226,776.08	6,855,240.95
Total Actual Power Costs Incurred	\$	9,770,379.29	9,770,379.29	8,239,615.98	18,009,995.27	8,012,004.76	26,022,000.03	11,151,781.81	37,173,781.84	13,388,426.08
	\$	18,468,942.20	18,468,942.20	12,696,422.15	31,165,364.35	7,921,488.85	39,086,853.20	14,313,704.72	53,400,557.92	20,243,667.03
Actual Power Cost per Unit	\$/MWh	\$16.17	\$16.17	\$12.32	\$14.34	\$7.88	\$12.30	\$14.73	\$12.87	\$17.53
POWER COSTS COLLECTED IN RATES										
Actual Sales	MWh	1,142,522	1,142,522	1,030,449	2,172,971	1,005,042	3,178,013	971,945	4,149,958	1,154,493
Combined Rate (Recoverd in Rates)	\$/MWh	\$17.44	\$17.44	\$17.42	\$17.43	\$17.43	\$17.43	\$17.13	\$17.36	\$17.57
Total Power Costs Collected in Rates	\$	19,925,583.68	19,925,583.68	17,950,421.58	37,876,005.26	17,517,882.06	55,393,887.32	16,649,417.85	72,043,305.17	20,284,442.01
CHANGE FROM FORECAST										
Actual Power Cost per Unit	\$/MWh	\$16.17	\$16.17	\$12.32	\$14.34	\$7.88	\$12.30	\$14.73	\$12.87	\$17.53
Combined Rate (Recoverd in Rates)	\$/MWh	\$17.44	\$17.44	\$17.42	\$17.43	\$17.43	\$17.43	\$17.13	\$17.36	\$17.57
Actual Increase (Decrease) Over Forecast Rate	\$/MWh	(\$1.27)	(\$1.27)	(\$5.10)	(\$3.09)	(\$9.55)	(\$5.13)	(\$2.40)	(\$4.49)	(\$0.04)
Deviation from Forecast	\$	(1,456,641.48)	(1,456,641.48)	(5,253,999.43)	(6,710,640.91)	(9,596,393.21)	(16,307,034.12)	(2,335,713.13)	(18,642,747.25)	(40,774.98)
Oregon Allocation	%	4.60%	4.60%		4.60%		4.60%		4.60%	
Oregon Allocated Power Cost Deviation (before DB)	\$	(67,005.51)	(67,005.51)		(308,689.48)		(750,123.57)		(857,566.37)	
Deadband - Over 250 Basis Points	\$	2,229,149.70	2,229,149.70		2,229,149.70		2,229,149.70		2,229,149.70	
Deadband - Under 125 Basis Points	\$	(1,114,574.85)	(1,114,574.85)		(1,114,574.85)		(1,114,574.85)		(1,114,574.85)	
True-Up (+)	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
True-Up (-)	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OREGON DEFERRAL before sharing	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Portion of True-up Change Allowed	%	90%	90%	90%	90%	90%	90%	90%	90%	90%
OREGON DEFERRAL w/ SHARING (90/10)	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interest Rate	%	8.061%	8.061%		8.061%		7.757%		7.757%	
Interest Accrued to date	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Deferred Balance	\$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2012 PCAM Twelve Months Ended December 31, 2012											
OREGON PCAM (Schedule 56)											
ACTUAL POWER COSTS											
Actual NPSE Costs		May YTD	June	June YTD	July	July YTD	August	August YTD	September	September YTD	October
Actual Sales - Includes Unbilled		MWh		6,636,334	1,604,379	8,240,713	1,537,184	9,777,897	1,162,253	10,940,150	1,034,262
Fuel				54,036,366.65	18,346,018.79	72,382,385.44	20,615,896.83	92,998,282.27	17,015,830.15	110,014,112.42	15,662,051.75
Purchased Power	\$	\$		22,307,628.51	10,331,420.89	32,639,049.40	8,583,567.86	41,222,617.26	1,539,777.32	42,762,394.58	3,555,727.05
Oregon Solar Pilot				1,777.95	1,116.74	2,894.69	1,267.17	4,161.86	1,216.59	5,378.45	997.13
Surplus Sales	\$	\$		(41,659,887.21)	(153,567.49)	(41,813,454.70)	(717,282.96)	(42,530,737.66)	(3,595,475.91)	(46,116,213.57)	(5,189,928.28)
Total Non-QF	\$	\$		34,685,885.90	28,524,988.93	63,210,874.83	28,483,448.90	91,694,323.73	14,971,348.15	106,665,671.88	14,018,847.67
QF - Includes Net Metering and Liquidated Damages	\$	\$		64,730,211.28	14,997,114.39	79,727,325.67	13,720,430.91	93,447,806.58	10,314,401.66	103,762,208.24	9,818,818.18
Total Actual Power Costs Incurred	\$	\$		99,416,097.18	43,522,103.32	142,938,200.50	42,203,929.81	185,142,130.31	25,285,749.81	210,427,880.12	23,837,665.85
Actual Power Cost per Unit	\$/MWh	\$13.88	\$19.35	\$14.98	\$27.13	\$17.35	\$27.46	\$18.93	\$21.76	\$19.23	\$23.05
POWER COSTS COLLECTED IN RATES											
Actual Sales	MWh	5,304,451	1,331,883	6,636,334	1,604,379	8,240,713	1,537,184	9,777,897	1,162,253	10,940,150	1,034,262
Combined Rate (Recoverd in Rates)	\$/MWh	\$17.41	\$21.24	\$18.18	\$21.44	\$18.81	\$21.56	\$19.24	\$21.64	\$19.50	\$20.83
Total Power Costs Collected in Rates	\$	\$92,327,747.18	\$28,289,194.92	\$120,616,942.10	\$34,397,047.13	\$155,013,989.23	\$33,134,252.67	\$188,148,241.90	\$25,148,212.16	\$213,296,454.05	\$21,544,591.43
CHANGE FROM FORECAST											
Actual Power Cost per Unit	\$/MWh	\$13.88	\$19.35	\$14.98	\$27.13	\$17.35	\$27.46	\$18.93	\$21.76	\$19.23	\$23.05
Combined Rate (Recoverd in Rates)	\$/MWh	\$17.41	\$21.24	\$18.18	\$21.44	\$18.81	\$21.56	\$19.24	\$21.64	\$19.50	\$20.83
Actual Increase (Decrease) Over Forecast Rate	\$/MWh	(\$3.52)	(\$1.89)	(\$3.19)	\$5.69	(\$1.47)	\$5.90	(\$0.31)	\$0.12	(\$0.26)	\$2.22
Deviation from Forecast	\$	(18,683,522.23)	(2,517,322.69)	(21,200,844.92)	9,125,056.19	(12,075,788.73)	9,069,677.14	(3,006,111.59)	137,537.65	(2,868,573.93)	2,293,074.42
Oregon Allocation	%	4.60%		4.60%		4.60%		4.60%		4.60%	
Oregon Allocated Power Cost Deviation (before DB)	\$	(859,442.02)		(975,238.87)		(555,486.28)		(138,281.13)		(131,954.40)	
Deadband - Over 250 Basis Points	\$	2,229,149.70		2,229,149.70		2,229,149.70		2,229,149.70		2,229,149.70	
Deadband - Under 125 Basis Points	\$	(1,114,574.85)		(1,114,574.85)		(1,114,574.85)		(1,114,574.85)		(1,114,574.85)	
True-Up (+)	\$	0.00		0.00		0.00		0.00		0.00	
True-Up (-)	\$	0.00		0.00		0.00		0.00		0.00	
OREGON DEFERRAL before sharing	\$	0.00		0.00		0.00		0.00		0.00	
Portion of True-up Change Allowed	%	90%		90%		90%		90%		90%	
OREGON DEFERRAL w/ SHARING (90/10)	\$	0.00		0.00		0.00		0.00		0.00	
Interest Rate	%	7.757%		7.757%		7.757%		7.757%		7.757%	
Interest Accrued to date	\$	0.00		0.00		0.00		0.00		0.00	
Total Deferred Balance	\$	0.00		0.00		0.00		0.00		0.00	

2012 PCAM Twelve Months Ended December 31, 2012									
OREGON PCAM (Schedule 56)									
ACTUAL POWER COSTS									
			October YTD	November	November YTD	December	December YTD	Annual	
Actual NPSE Costs									
Actual Sales - Includes Unbilled	MWh		11,974,412	988,310	12,962,722	1,121,810	14,084,532	14,084,532	
Fuel									
Purchased Power	\$		125,666,164.17	15,780,005.59	141,446,169.76	17,967,143.46	159,413,313.22	159,413,313.22	
Oregon Solar Pilot	\$		46,318,121.63	5,760,780.05	52,078,901.68	6,646,943.08	58,724,844.76	58,724,844.76	
Surplus Sales	\$		6,375.58	1,095.16	7,470.74	483.65	7,954.39	7,954.39	
Total Non-QF	\$		(51,306,141.83)	(4,547,401.47)	(55,853,543.30)	(7,700,390.16)	(63,553,933.46)	(63,553,933.46)	
QF - Includes Net Metering and Liquidated Damages	\$		120,684,519.55	16,994,479.33	137,678,998.88	16,913,180.03	154,592,178.91	154,592,178.91	
Total Actual Power Costs Incurred	\$		113,581,026.42	10,253,523.61	123,834,550.03	12,475,032.68	136,309,582.71	136,309,582.71	
	\$		234,265,545.97	27,248,002.94	261,513,548.91	29,388,212.71	290,901,761.62	290,901,761.62	
Actual Power Cost per Unit	\$/MWh		\$19.56	\$27.57	\$20.17	\$26.20	\$20.65	\$20.65	
POWER COSTS COLLECTED IN RATES									
Actual Sales	MWh		11,974,412	988,310	12,962,722	1,121,810	14,084,532	14,084,532	
Combined Rate (Recoverd in Rates)	\$/MWh		\$19.61	\$20.07	\$19.65	\$20.03	\$19.68	\$19.68	
Total Power Costs Collected in Rates	\$		234,841,045.48	19,836,453.98	254,677,499.46	22,473,325.85	277,150,825.31	277,150,825.31	
CHANGE FROM FORECAST									
Actual Power Cost per Unit	\$/MWh		\$19.56	\$27.57	\$20.17	\$26.20	\$20.65	\$20.65	
Combined Rate (Recoverd in Rates)	\$/MWh		\$19.61	\$20.07	\$19.65	\$20.03	\$19.68	\$19.68	
Actual Increase (Decrease) Over Forecast Rate	\$/MWh		(\$0.05)	\$7.50	\$0.53	\$6.16	\$0.98	\$0.98	
Deviation from Forecast	\$		(575,499.51)	7,411,548.96	6,836,049.45	6,814,886.86	13,750,936.31	13,750,936.31	
Oregon Allocation	%		4.60%		4.60%		4.60%	4.60%	
Oregon Allocated Power Cost Deviation (before DB)	\$		(26,472.98)		314,458.27		632,543.07	632,543.07	
Deadband - Over 250 Basis Points	\$		2,229,149.70		2,229,149.70		2,229,149.70	2,229,149.70	
Deadband - Under 125 Basis Points	\$		(1,114,574.85)		(1,114,574.85)		(1,114,574.85)	(1,114,574.85)	
True-Up (+)	\$		0.00	0.00	0.00	0.00	0.00	0.00	
True-Up (-)	\$		0.00	0.00	0.00	0.00	0.00	0.00	
OREGON DEFERRAL before sharing	\$		0.00	0.00	0.00	0.00	0.00	0.00	
Portion of True-up Change Allowed	%		90%	90%	90%	90%	90%	90%	
OREGON DEFERRAL w/ SHARING (90/10)	\$		0.00	0.00	0.00	0.00	0.00	0.00	
Interest Rate	%		7.757%		7.757%		7.757%	7.757%	
Interest Accrued to date	\$		0.00		0.00		0.00	0.00	
Total Deferred Balance	\$		0.00	0.00	0.00	0.00	0.00	0.00	

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

IDAHO POWER COMPANY

Exhibit Accompanying Direct Testimony of Courtney Waites

Determination of Power Supply Expense Deadbands
Based on Idaho Power 2011 Results of Operation

February 25, 2013

**Determination of Oregon PCAM Deadbands
Based on Idaho Power 2011 Results of Operations**

	(A)	(B)
	Total System	Oregon
(1) Rate Base	\$2,462,148,292	\$106,512,527
(2) % Equity in cap structure	50.983%	50.983%
(3) Equity in rate base	\$1,255,277,064	\$54,303,281
(4) 100 basis points	1.000%	1.000%
(5) Resulting return (NOI Effect)	\$12,552,771	\$543,033
(6) Net-to Gross Factor	1.64200	1.64200
(7) Revenue requirement	\$20,611,649	\$ 891,660
(8) Upper Band of Basis Points	250	\$2,229,149.70
(9) Lower Band of Basis Points	125	(\$1,114,574.85)

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

IDAHO POWER COMPANY

Exhibit Accompanying Direct Testimony of Courtney Waites

Oregon SO2 Emission Sales
January 2012 through December 2012

February 25, 2013

[illegible]

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

IDAHO POWER COMPANY

Exhibit Accompanying Direct Testimony of Courtney Waites

Oregon Renewable Energy Credit Sales
January 2012 through December 2012

February 25, 2013

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1															
2															
3															
4															
5	Prior Month Sale(s)	\$	327,075.00	February	March	April	May	June	July	August	September	October	November	December	Totals
6	Brokerage Fees Paid in Prior Month	\$	0.00	280,630.00	283,392.50	913,454.75	234,185.00	267,575.00	365,207.50	847,840.00	40,610.00	-	32,812.50	-	3,592,782.25
7	Western Electric Coordinating Council Fees	\$	(290.49)	0.00	-	(6,367.08)	-	-	-	(9,625.00)	(507.63)	-	-	-	(16,699.66)
8	Net Proceeds	\$	326,784.51	280,350.85	282,891.42	906,557.04	(1,045.40)	(274.23)	(186.15)	(544.52)	(768.63)	(242.88)	(1,928.81)	(496.36)	(6,888.38)
9							233,139.60	267,300.77	365,021.35	837,670.48	39,333.74	(242.88)	30,883.69	(496.36)	3,569,194.21
10	Oregon Allocation		4.60%	4.60%	4.60%	4.60%	4.60%	4.60%	4.60%	4.60%	4.60%	4.60%	4.60%	4.60%	4.60%
11	Sharing Percentage		90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
12															
13	Total Customer Benefit	\$	13,528.88	11,606.53	11,711.70	37,531.46	9,651.98	11,066.25	15,111.88	34,679.56	1,628.42	(10.06)	1,278.58	(20.55)	147,764.64
14															
15															
16															
17	Principle														
18	Beginning Balance	\$	-	13,528.88	25,135.40	36,847.11	74,376.57	84,030.55	95,096.80	110,208.69	144,888.24	146,516.66	146,506.60	147,785.19	-
19															
20	Amount Deferred		13,528.88	11,606.53	11,711.70	37,531.46	9,651.98	11,066.25	15,111.88	34,679.56	1,628.42	(10.06)	1,278.58	(20.55)	147,764.64
21															
22	Ending Balance	\$	13,528.88	25,135.40	36,847.11	74,376.57	84,030.55	95,096.80	110,208.69	144,888.24	146,516.66	146,506.60	147,785.19	147,764.64	147,764.64
23															
24															
25	Interest														
26	Beginning Balance	\$	-	-	90.88	253.36	491.55	972.35	1,515.54	2,130.26	2,842.67	3,779.25	4,726.36	5,673.40	-
27															
28	Monthly Interest Rate		8.061%	8.061%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%	7.757%
29															
30	Monthly Interest	\$	-	90.88	162.48	238.19	480.80	543.19	614.72	712.41	936.58	947.11	947.04	955.31	6,628.71
31															
32	Interest Accrued to Date	\$	-	90.88	253.36	491.55	972.35	1,515.54	2,130.26	2,842.67	3,779.25	4,726.36	5,673.40	6,628.71	\$6,628.71
33															
34	Deferral Balance Including Interest	\$	13,528.88	25,226.28	37,100.47	74,870.12	85,002.90	96,612.34	112,338.95	147,730.91	150,295.91	151,232.96	153,456.59	154,393.35	154,393.35
35															
36															
37	Total Customer Benefit														154,393.35