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March 23, 2010

VIA ELECTRONIC AND U.S. MAIL

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

Re: UE 214 - In The Matter of IDAHO POWER COMPANY 2010 Annual Power Cost

Update, March Forecast

Attention Filing Center:

Enclosed for filing in the captioned docket are the original and five copies of Idaho Power Company's Direct Testimony of Scott L. Wright for the March Forecast. A copy of this filing was served on all parties to this proceeding as indicated on the attached Certificate of Service.

Very truly yours,
Wendy McInclor

Wendy McIndoo

cc: Service List

1 **CERTIFICATE OF SERVICE** 2 I hereby certify that I served a true and correct copy of the foregoing document in 3 UE 214 on the following named person(s) on the date indicated below by email and first-4 class mail addressed to said person(s) at his or her last-known address(es) indicated below. 5 Michael T. Weirich, Assistant AG Ed Durrenberger Public Utility Commission of Oregon Department of Justice 6 1162 Court Street NE P.O. Box 2148 Salem, OR 97301-4096 Salem, OR 97308-2148 7 michael.weirich@state.or.us ed.durrenberger@state.or.us 8 Gordon Feighner Robert Jenks Citizens' Utility Board of Oregon Citizens' Utility Board of Oregon 9 gordon@oregoncub.org bob@oregoncub.org 10 Gregory Marshall Adams Catriona McCracken Richardson & O'Leary Citizens' Utility Board of Oregon 11 greg@richardsonandoleary.com catriona@oregoncub.org 12 Don Reading Peter J. Richardson Ben Johnson Associates Richardson & O'Leary 13 dreading@mindspring.com peter@richardsonandoleary.com 14 DATED: March 23, 2010 15 16 Wendy McIndoo McIndoo 17 18 19 20 21 22 23 24 25

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BEFORE THE PUBLIC UTILITY COMMISSION

OF OREGON

UE 214

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.

MARCH FORECAST

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IDAHO POWER COMPANY
DIRECT TESTIMONY

OF

SCOTT L. WRIGHT

1	Q.	Are y	ou the same Scott L. Wright who previously submitted
2	testimony in	this p	roceeding?
3	A.	Yes.	I previously submitted testimony in this proceeding regarding the
4	October Upd	ate for	the 2010 Annual Power Cost Update (APCU). The October Update
5	is the Compa	ny's es	timate of what "normalized" power supply expenses will be for the
6	upcoming ye	ar.	
7	Q.	What	is the purpose of your testimony?
8	A.	The p	ourpose of my testimony is to describe the Company's March
9	Forecast for	the 201	0 APCU which is required as detailed in Order No. 08-238.
10	Q.	What	is the March Forecast?
11	A.	The N	March Forecast is the Company's estimate of the "expected" net
12	power supply	expen	se for an upcoming water year using the AURORA model. In this
13	case, the wat	er year	is April 2010 through March 2011.
14	Q.	Pleas	se describe the variables that are to be updated in the AURORA
15	model for th	e Marc	h Forecast as delineated in Order No. 08-238.
16	A.	The f	ollowing variables are delineated in Order No. 08-238 to be updated
17	in the March	Foreca	st:
18		a.	Fuel prices and transportation costs;
19		b.	Wheeling expenses;
20		C.	Planned outages and forced outage rates;
21		d.	Heat rates;
22		e.	Forecast of normalized sales and loads, updated only for known
23	signif	icant ch	nanges since the October APCU filing.
24		f.	Forecast Hydro generation from stream flow conditions using the
25	most	recent	water supply forecast from the Northwest River Forecast Center in
26	Portla	nd, Or	egon, and current reservoir levels;

1		g. Contracts for wholesale power and power purchases and sales;
2		h. Forward price curve as defined below;
3		i. PURPA contract expenses; and
4		j. The Oregon state allocation factor.
5	Q.	Which of the above variables were updated for the March Forecast?
6	A.	All of the above variables were reviewed for the March Forecast;
7	however, for	the April 2010 through March 2011 test period the only variables that have
8	changed from	the October APCU are: (1) fuel prices; (2) the forecast of hydro conditions
9	from the Nort	hwest River Forecast Center; (3) known power purchases and surplus
10	sales resultin	g from the Company's Risk Management Policy; and (4) the forward price
11	curve in acco	rdance with Order No. 08-238.
12	Q.	Please explain what variables of the fuel prices were changed?
13	A.	The coal price forecast and the gas price forecast used in the October
14	Update were	replaced with an updated forecast in accordance with Order No. 08-238 as
15	described ab	ove. These numbers were not updated in last year's March Forecast, since
16	the forecast f	or those two variables did not change.
17	Q.	How have the coal and gas prices changes as compared to those
18	included in t	he October Update?
19	A.	The coal and gas prices used in the March Forecast are lower than those
20	used in the C	ctober Update. The coal price for Bridger decreased by 2% for 2010 and
21	2011, the coa	al price for Valmy decreased by 7% for 2010 and 4% for 2011, the coal
22	price for Boa	dman decreased by 1% for 2010 and 2011, and the natural gas price
23	decreased by	, 12%.
24	Q.	What is the reason for the decrease in the coal prices since the
25	October Upo	late was filed?
26	A.	The Company updates this information for operational planning purposes.

1	Since the tim	ne the October Update was filed, newer operational forecasts have become
2	available, wh	nich include updated coal prices.
3	Q.	What water supply forecast from the Northwest River Forecast
4	Center was	used to create the hydro generation forecast for the March Forecast?
5	A.	The forecasted monthly hydro generation levels included in the March
6	Forecast ref	ect the Northwest River Forecast Center's March 5, 2010 Final Forecast
7	and current	reservoir levels of monthly hydro generation. The March 5th Final Forecast
8	has expecte	d inflows into Brownlee Reservoir for April through July to be 2.47 million
9	acre-feet (M.	AF), or 39% of the average level of 6.31 MAF.
10	Q.	How does the March 5, 2010 Northwest River Forecast Center's
11	forecast co	mpare to last year's March 6, 2009 Northwest River Forecast Center's
12	forecast?	
13	A.	The forecast for last year's March forecast was 3.35 MAF or 53% of
14	average. W	hile last year's forecast was for below average streamflows, this year's
15	forecast is fo	or even worse hydro conditions. The forecast for this year is significantly
16	lower than la	ast year's forecast by 0.88 MAF (3.35 MAF $-$ 2.47 MAF $=$ 0.88 MAF).
17	Q.	Please explain how a lower than average forecast from the
18	Northwest I	River Forecast Center impacts the Company's Net Power Supply
19	Expense.	
20	A.	Lower than average stream flows result in below average hydro
21	generation.	In this case a reduction of 655,450 MWh (7,520,311 MWh – 6,864,861
22	MVVh = 655,	450 MWh) in hydro generation as compared to last year's March Forecast.
23	Furthermore	, this decrease in generation results in increased purchased power costs
24	and decreas	sed surplus sales revenue, leading to an increased net power supply
25	expense.	
26	Q.	What forward price curve did the Company use to price purchased

power	and	surplu	s sales?
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2	A.	Exhibit Np. 501 shows the March 10, 2010 mid-Columbia price curve for
3	the April 2010	through March 2011 test period the Company used pursuant to Order No
4	08-238.	

- Q. What is the Company's March Forecast of net power supply expense as a result of updating fuel prices, updating water conditions to reflect the most current Northwest River Forecast, including known purchases and sales, and using the most current forward price curves as per Order No. 08-238?
- A. Exhibit Np. 502 shows the results of a single water condition for the April 2010 through March 2011 test period, with updated fuel prices, updated stream flow conditions and reservoir levels, updated power purchases and surplus sales from the Company's Risk Management Policy (Net Hedges), and market purchased power and surplus sales repriced pursuant to Order No. 08-238. The March Forecast for net power supply expense without PURPA is \$171.5 million. When you include the PURPA expense of \$117.6 million, the total net power supply expense for the March Forecast is \$289.1 million.

Q. What is the March Forecast unit cost per megawatt-hour (\$/MWh) as determined by the Company for this filing?

A. Exhibit Np. 502 shows the normalized annual sales at customer level for the April 2010 through March 2011 test period are 14,505,160 MWh. Based upon test period sales, the cost per unit for the March Forecast to become effective on June 1, 2010 is \$19.93 per MWh (\$289.1 million / 14.505 million MWh = \$19.93 per MWh).

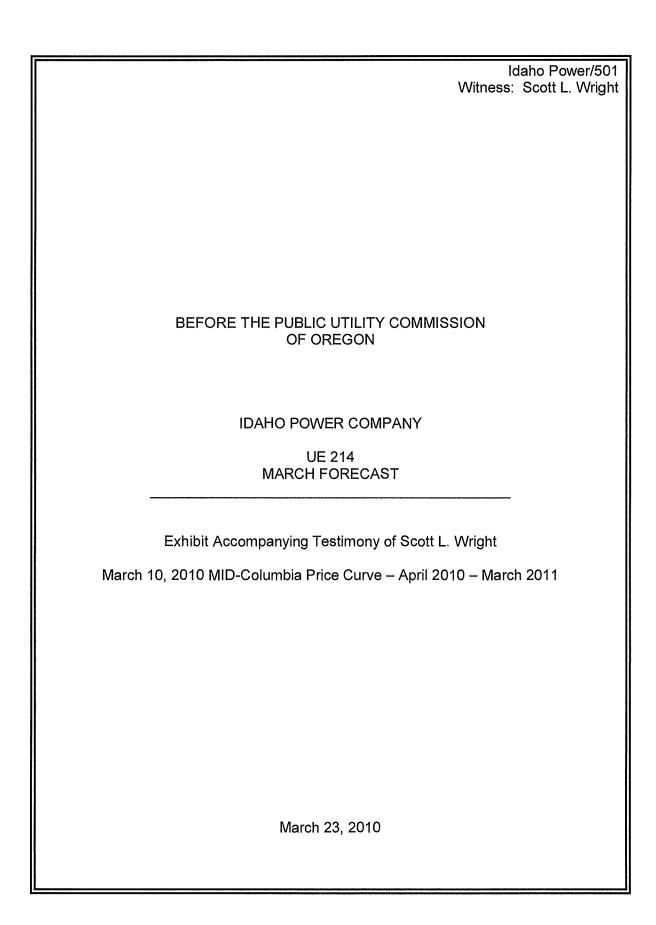
Q. How does this \$19.93 per MWh March Forecast compare to the March Forecast that resulted from last year's computation?

A. The March Forecast for last year's April 2009 through March 2010 test period was \$16.31 per MWh, as compared to this year's April 2010 through March 2011

1 test period of \$19.93 per MWh.

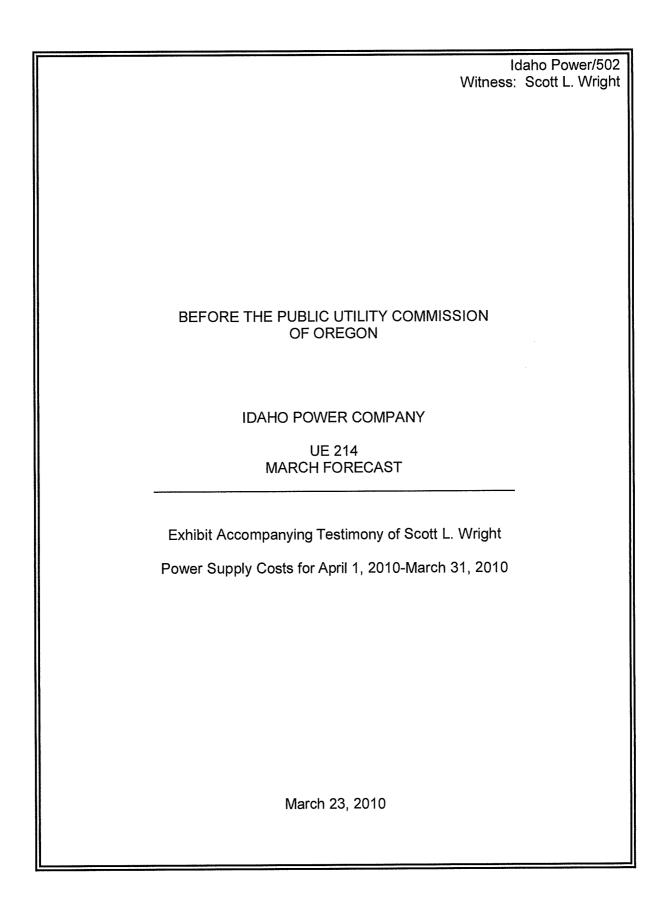
2	Q.	Please describe the calculation necessary to determine the
3	Combined F	ate which is the October APCU plus the March Forecast.
4	A.	Exhibit Np. 503 steps through the Commission specified method of
5	calculating th	e Combined Rate, pursuant to Order No. 08-238. Lines 1-3 show the
6	calculation fo	or the October APCU rate of \$14.86 per MWh. Lines 4-6 show the
7	calculation fo	or the March Forecast rate of \$19.93 per MWh. Line 7 is calculated by
8	subtracting th	ne March Forecast rate from the October APCU rate multiplied by the March
9	Forecast of N	Normalized Sales, line 6 minus line 3 multiplied by line 4. Line 8 is the
10	allocated am	ount (95%) that is allowed for the March Forecast rate. Line 9, the Forecast
11	Change Allov	wed, is calculated by multiplying line 7 by line 8. Line 10 is calculated by
12	dividing line	9 by line 4 to create the March Forecast Rate Adjustment. Line 11 is
13	calculated by	adding line 3 with line 10 to create the Combined Rate.
14	Q.	What rate adjustment is necessary to update the Company's current
15	base rate to	the level reflected in the Combined Rate?
16	Α.	The current base rate reflected in the net power supply expense
17	approved by	the Commission in Order No. 10-064 is \$10.94 per MWh. The rate
18	adjustment n	ecessary to update to the Combined Rate is \$8.74 per MWh (\$19.68 per
19	MWh - \$10.9	4 per MWh = \$8.74 per MWh) or 0.8740 cents per kWh.
20	Q.	How does this year's Combined Rate compare to last year's
21	Combined F	Rate?
22	Α.	The Combined Rate for last year was \$16.04 per MWh, while this year's
23	Combined R	ate is \$19.68 per MWh, a difference of \$3.64 per MWh.
24	Q.	Have you prepared or supervised the preparation of an exhibit
25	showing the	summary of revenue impact resulting from the Combine Rate
26	proposed by	y the Company?

1	A.	Yes. Exhibit Np. 504 provides a summary of the revenue change
2	resulting from	this year's Combined Rate.
3	Q.	What is the overall revenue impact of this year's Combined Rate
4	compared to	last year's Combined Rate?
5	A.	The overall revenue impact of the Combined Rate is a 5.96% increase
6	over last year	's Combined Rate.
7	Q.	Has the Company filed a tariff sheet that reflects the proposed
8	change?	
9	A.	Yes. The Company is concurrently filing Advice No.10-05 with this filing,
10	which contain	ns the proposed Schedule 55, with an effective date of June 1, 2010.
11	Q.	Does this conclude your testimony?
12	A.	Yes it does.



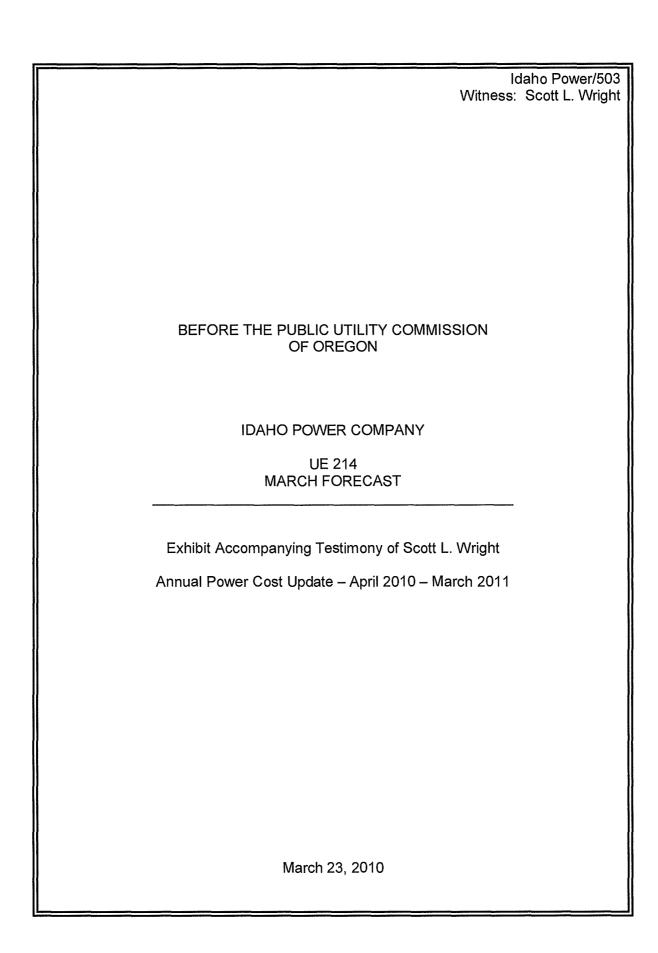
IDAHO POWER COMPANY Used to Re-Price Purchased Power and Surplus Sales for the March Forecast

	Mid-Columbia Forward												
<u>Line</u>	Price Curve on:												
1	3/10/2010	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
2	mcHL	40.35	37.2	39.9	51.15	54.15	50.8	47.75	49.35	55.1	51.4	49.25	44.4
3	mc LL	35.25	28	31	39.35	43.2	41.7	40.9	42.85	47.2	44.65	40.4	40.4
4	Reallocated Prices	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
5	HL PP												
6	103.9%	41.92	38.65	41.46	53.14	56.26	52.78	49.61	51.27	57.25	53.40	51.17	46.13
7	LL PP												
8	107.1%	37.75	29.99	33.20	42.14	46.27	44.66	43.80	45.89	50.55	47.82	43.27	43.27
9	HL SS												
10	96.4%	38.90	35.86	38.46	49.31	52.20	48.97	46.03	47.57	53.12	49.55	47.48	42.80
11	LL SS												
12	93.4%	32.92	26.15	28.95	36.75	40.35	38.95	38.20	40.02	44.08	41.70	37.73	37.73



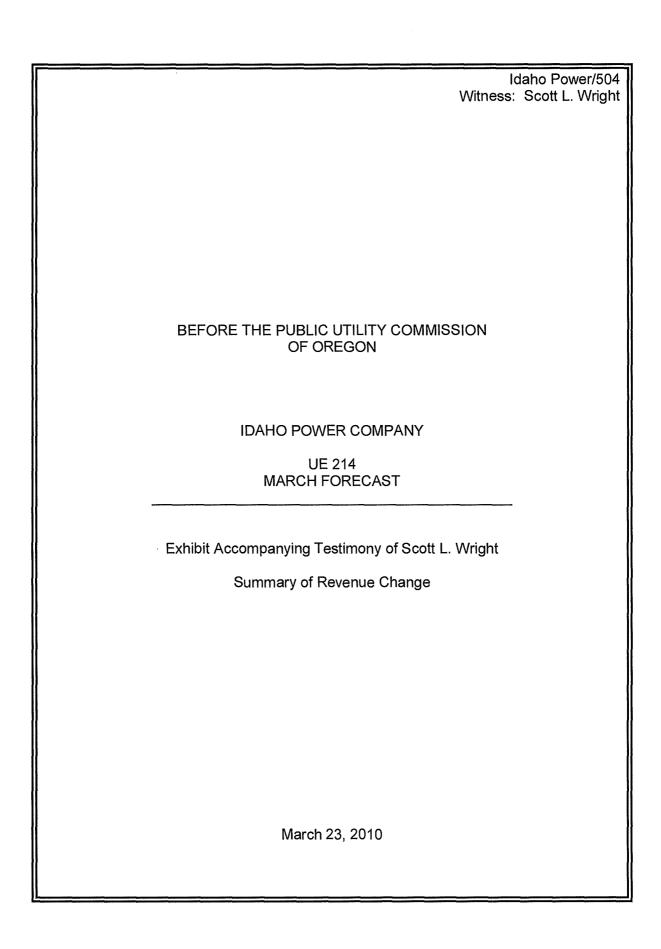
IPCO POWER SUPPLY COSTS FOR APRIL 1, 2010 – MARCH 31, 2011 NORMALIZED LOAD OVER ONE WATER CONDITION Repriced Using UE195 Settlement Methodology - March Forecast

		April		May		June		July	August	3	September	9	October	N	ovember	D	ecember	;	January	Ē	ebruary		<u>March</u>		Annual
Hydroelectric Generation (MWh)	:	588,216.1	:	593,980.8		482,549.8		543,203.3	494,644.6		368,012.7		426,371.3		409,607.7		501,608.4		573,099.8		857,260.1	1,/	026,306.3		6,864,860.9
Bridger Energy (MWh) Cost (\$ x 1000)	\$	299,198.4 6,284.3		300,509.1 6,326.9		343,425.8 7,251.9		453,965.6 9,462.6	\$ 459,465.5 9,568.6	\$	414,745.4 8,683.8		456,279.9 9,507.2		458,409.3 9,525.1	\$	473,090.0 9,831.1		453,826.1 9,460.0		391,889.8 8,197.3		414,745.6 8,678.1	\$	4,919,550.5 102,776.7
Boardman Energy (MWh) Cost (\$ x 1000)	\$	29,813.0 541.9	\$	934.3 17.2	\$	25,489.2 470.3	\$	36,481.9 646,3	\$ 36,830.9 651.6	\$	35,279.9 625.0	\$	37,160.2 656.6	\$	35,907.9 634.6	\$	36,883.5 652.4	\$	29,640.5 566.9	\$	28,069.2 532.6	\$	34,273.2 640.5	\$	366,763.9 6,635.6
Valmy Energy (MWh) Cost (\$ x 1000)	\$	97,919.5 2,796.6	\$	69,993.3 2,019.4	\$	124,648.8 3,597.1		168,874.7 4,795.4	170,712.0 4,843.6	\$	168,727.2 4,780.1	\$	176,404.7 4,993.2	\$	172,218.2 4,871.6	\$	175,873.9 4,979.2		147,639.5 4,674.9	\$	133,381.2 4,228.7	\$	140,052.2 4,442.9	\$	1,746,445.2 51,022.9
Danskin Energy (MWh) Cost (\$ x 1000) Fixed Capacity Charge - Gas Transportation (\$ x 1000) Total Cost	\$ \$ \$	- - 220.8 220.8	\$ \$ \$	- 220.8 220.8	\$ \$ \$	241.2	\$ \$ \$	11,690.0 565.6 234.4 800.0	\$ 10,839.5 536.8 241.2 778.0	\$	234.4	\$ \$ \$	241.2	\$ \$	241.2	\$ \$ \$	234.4	\$		\$	234.4	\$ \$ \$		\$ \$ \$	23,380.1 1,148.6 2,826.5 3,975.2
Bennett Mountain Energy (MWh) Cost (\$ x 1000) Fixed Capacity Charge - Gas Transportation (\$ x 1000 Total Cost	\$ \$ \$	-	\$ \$ \$	-	\$ \$ \$	-	\$ \$ \$	2,148.3 104.5 - 104.5	\$ 5,224.7 258.3 - 258.3	\$ \$	-	\$ \$ \$		\$ \$ \$	-	\$ \$ \$	- - -	\$ \$	-	\$	-	\$ \$ \$	- - -	\$ \$ \$	7,426.0 365.5 - 365.5
Purchased Power (Excluding CSPP) Market Energy (MWh) Contract Energy (MWh) Total Energy Excl. CSPP (MWh)		68,915.6 27,086.1 96,001.8		132,022.0 30,806.6 162,828.6		218,762.8 63,919.2 282,682.0		51,841.1 67,636.3 119,477.4	61,399.5 61,277.4 122,677.0		149,968.5 22,010.0 171,978.5		21,978.6 31,184.2 53,162.8		40,763.7 29,743.0 70,506.7		101,642.8 36,917.3 138,560.1		60,892.4 30,054.1 90,946.5		836.8 23,193.1 24,029.9		25,715.8 25,715.8		909,023.7 449,543.2 1,358,566.9
Market Cost (\$ x 1000) Contract Cost (\$ x 1000) Total Cost Excl. CSPP (\$ x 1000)	\$ \$ \$	2,800.0 1,062.9 3,862.9	\$	1,207.5	\$ \$ \$		\$ \$ \$	2,671.3 5,295.0 7,966.2	\$ 3,305.8 4,862.4 8,168.2	\$	1,180.4	\$ \$ \$	1,663.1	\$ \$	1,904.4	\$ \$ \$	2,357.5	\$		\$ \$.,	\$ \$	1,036.6	\$ \$ \$	41,344.2 28,178.3 69,522.5
Surplus Sales Energy (MWh) Revenue Including Transmission Costs (\$ x 1000) Transmission Costs (\$ x 1000) Revenue Excluding Transmission Costs (\$ x 1000)	\$ \$ \$	44,485.8 1,602.6 44.5 1,558.1		25.4	\$ \$	0.0	\$ \$ \$	110,801.5 4,482.7 110.8 4,371.9	104,314.8 4,731.5 104.3 4,627.2	\$ \$	34.4	\$ \$ \$	82.0	\$ \$ \$		\$ \$ \$			25.0	\$ \$			479.9	\$ \$ \$	1,374,353.6 57,375.8 1,374.4 56,001.4
Hoku First Block Revenues	\$	2,411.4	\$	2,487.3	\$	1,586.5	\$	785.5	\$ 1,309.1	\$	2,094.1	\$	2,487.3	\$	2,411.4	\$	2,487.3	\$	2,487.3	\$	2,259.6	\$	2,487.3	\$	25,294.3
Net Hedges Energy (MWh) Cost(\$ X 1000)	\$	150,400.0) (5,940.4)		(2,800.0) (100.1)	\$	-	\$	324,000.0 16,889.0	273,000.0 14,685.0	\$	(388.7)	\$	(59,600.0) (2,716.0)	\$	26.6	\$	39,000.0 2,025.9	\$	16,400.0 743.5	\$	(28,800.0) (1,674.4)		(97,200.0) (4,998.5)	\$	313,600.0 18,551.8
Net Power Supply Costs (\$ x 1000)	\$	3,796.7	\$	11,379.4	\$	22,934.5	\$	35,506.5	\$ 33,017.0	\$	19,303.6	\$	9,669.5	\$	13,284.2	\$	20,265.3	\$	16,720.8	\$	(2,891.5)	\$	(11,431.6)	\$	171,554.4
PURPA (\$ x 1000)	\$	7,400.4	\$	7,909.6	\$	8,068.3	\$	9,165.8	\$ 11,360.0	\$	12,580.0	\$	12,671.9	\$	12,070.9	\$	10,879.9	\$	9,023.3	\$	7,868.9	\$	8,562.3	\$	117,561.4
Total Net Power Supply Expense (\$ x 1000)	\$	11,197.1	\$	19,289.0	\$	31,002.9	\$	44,672.3	\$ 44,377.0	\$	31,883.6	\$	22,341.4	\$	25,355.1	\$	31,145.3	\$	25,744.1	\$	4,977.4	\$	(2,869.3)	\$	289,115.8
Sales at Customer Level (In 000s MWH)		1,004.1		1,018.0		1,204.2		1,407.0	1,498.6		1,391.6		1,120.3		1,049.1		1,176.6		1,302.4		1,211.5		1,121.9		14,505.160
Hours in Month		720		744		720		744	744		720		744		720		744		. 744		672		744		8760
Unit Cost / MWH (for PCAM)		\$11.15		\$18.95		\$25.75		\$31.75	\$29.61		\$22.91		\$19.94		\$24.17		\$26.47		\$19.77		\$4.11		(\$2.56)		\$19.93
Prices Used in Purchased Power & Surplus Sales Abov Heavy Load	æ:																								
AURORA HL Purchases Purchased Power HL Price		47,537.1 41.92		101,739.8 38,65		120,678.5 41.46		44,013.5 53.14	46,527.4 56.26		114,923.6 52.78		14,806.4 49.61		30,344.2 51.27		77,013.1 57.25		27,336.9 53.40		47.9 51.17		46.13		
AURORA HL Sales Surplus Sales HL Price		23,094.1 38.90		2,386.6 35.86		21.1 38.46		32,691.8 49.31	44,087.4 52.20		6,323.1 48.97		25,911.9 46.03		11,837.9 47.57		8,343,4 53.12		18,488.1 49.55		207,539.5 47.48		267,515.4 42.80		
Light Load AURORA LL Purchases Purchased Power LL Price		21,378.5 37.75		30,205.2 29.99		98,107.2 33.20		7,881.6 42.14	14,872.2 46.27		35,044.9 44.66		7,172.2 43.80		10,419.4 45.89		24,629.7 50.55		33,555.5 47.82		788.9 43.27		43.27		
AURORA LL Sales Surplus Sales LL Price		21,391.8 32,92		23,055.4 26.15		16.1 28.95		78,109.7 36.75	60,227.4 40.35		28,034.7 38.95		56,054.0 38.20		76,965.2 40.02		59,169.8 44.08		6,956.7 41.70		103,726.5 37.73		212,406.1 37.73		



ANNUAL POWER COST UPDATE April 2010 - March 2011

<u>Line</u>	OCTOBER APCU	
1	Forecast of Normalized Sales (MWh)	14,505,160
2	Total Net Power Supply Expense	\$215,578,002
3	October APCU Rate (\$/MWh)	\$14.86
	MARCH FORECAST	
4	Forecast of Normalized Sales (MWh)	14,505,160
5	Total Net Power Supply Expense	\$289,115,789
6	March Forecast Rate (\$/MWh)	\$19.93
7 8	Sales Adjusted Forecast Power Cost Change Portion of Change Allowed	\$73,537,787 95%
9	Forecast Change Allowed	\$69,860,898
10	March Forecast Rate Adjustment (\$/MWh)	\$4.82
11	Combined Rate (\$/MWh)	\$19.68



Idaho Power Company Before the Public Utilities Commission of Oregon State of Oregon Current and Proposed Rates 12-Months Ending March 31, 2011

	(1) Rate	(2) Average	(3)	(4) Current	(5)	(6) Proposed	(7)	(8)
	Schedule	•	Normalized	Revenues	Revenue	Revenues	Percent	Mills per
Tariff Description	<u>No</u>	Customers	<u>kWh</u>	Effective 6/1/09	<u>Difference</u>	Effective 6/1/10	<u>Change</u>	<u>kWh</u>
Uniform Tariff Rates:								
Residential Service	1	13,465	200,042,004	\$15,350,765	\$728,153	\$16,078,918	4.74%	80.3777
Small General Service	7	2,496	16,369,226	1,445,017	59,584	1,504,601	4.12%	91.9164
Large General Service	9	950	129,996,500	7,751,352	473,187	8,224,539	6.10%	63.2674
Dusk to Dawn Lighting	15	-	484,271	115,022	1,763	116,785	1.53%	241.1563
Large Power Service	19	7	251,493,885	11,434,133	915,438	12,349,571	8.01%	49.1049
Irrigation Service	24	1,551	61,322,820	4,102,363	223,215	4,325,578	5.44%	70.5378
Unmetered General Service	40	3	12,900	967	47	1,014	4.86%	78.6047
Municipal Street Lighting	41	12	777,913	127,565	2,831	130,396	2.22%	167.6229
Traffic Control Lighting	42	6	17,262	1,240	63	1,303	5.08%	75.4837
Total Uniform Tariffs		18,490	660,516,781	\$40,328,424	\$2,404,281	\$42,732,705	5.96%	64.6959