

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

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IN THE MATTER OF IDAHO POWER )  
COMPANY'S 2013 ANNUAL POWER )  
COST UPDATE )  
OCTOBER UPDATE )  
\_\_\_\_\_  
)

**IDAHO POWER COMPANY  
DIRECT TESTIMONY  
OF  
SCOTT WRIGHT**

**October 24, 2012**

- 1   **Q. Please state your name, business address, and present occupation.**
- 2   A. My name is Scott Wright. I am employed by Idaho Power Company ("Idaho Power")  
3       or ("Company") as a Regulatory Analyst II in the Regulatory Affairs Department. My  
4       business address is 1221 West Idaho Street, Boise, Idaho 83702.
- 5   **Q. Please describe your educational background.**
- 6   A. I received a Bachelor of Science degree in Business Economics from Eastern  
7       Oregon University. I have also attended the Center for Public Utilities "Practical  
8       Skills for a Changing Electric Industry" course at New Mexico State University in  
9       Albuquerque, New Mexico, as well as the Edison Electric Institute "Electric Rate  
10      Advanced Course" in Madison, Wisconsin.
- 11   **Q. Please describe your work experience.**
- 12   A. In May 1998, I accepted a position as Research Assistant with Idaho Power in the  
13      Regulatory Affairs Department. In March 2007, I was promoted to a Regulatory  
14      Analyst I. In March 2010, I was promoted to a Regulatory Analyst II. As a  
15      Regulatory Analyst II, I am responsible for running the AURORA model to calculate  
16      net power supply expenses ("NPSE") for ratemaking purposes, as well as the  
17      determination of the marginal cost of energy used in the Company's marginal cost  
18      analyses. My duties also include providing analytical support for other regulatory  
19      activities within the Regulatory Affairs Department. In my current role, I have served  
20      as the Company's power supply expense witness in the last four Annual Power Cost  
21      Update ("APCU") filings before the Public Utility Commission of Oregon  
22      ("Commission"), UE 203, UE 214, UE 222, and UE 242.
- 23   **Q. What is the purpose of your testimony?**
- 24   A. The purpose of my testimony is to describe the Company's October Update for the  
25      2013 APCU, which has been prepared in accordance with Order No. 08-238.
- 26   **Q. What is the October Update?**

1 A. The October Update is the Company's estimate of what "normal" power supply  
2 expenses will be for an upcoming water year. In this case, the water year is April  
3 2013 through March 2014.

4 **Q. Was the AURORA model used for this October Update?**

5 A. Yes.

6 **Q. Please describe the AURORA model and how it is used by the Company.**

7 A. The AURORA model is a comprehensive electric market resource dispatch model.  
8 The Company uses AURORA to simulate the economic dispatch of its resources to  
9 determine NPSE under "normal" conditions.

10 **Q. Please describe the variables that are to be updated in the AURORA model as  
11 delineated in Order No. 08-238.**

12 A. Order No. 08-238 identifies a number of variables to be updated in the AURORA  
13 model annually in October: fuel prices, transportation costs, maintenance rates, heat  
14 rates, and forced outage rates for the thermal plants. This year's NPSE modeling  
15 results for the April 2013 through March 2014 test year reflect updates to all of the  
16 variables listed above for all Company-owned resources as well as an updated sales  
17 and load forecast.

18 Natural gas prices were updated using the forecast methodology applied in  
19 the Company's Integrated Resource Plan which is consistent with the methodology  
20 used in prior APCU filings. This methodology uses the Northwest Power and  
21 Conservation Council (NPCC), New York Mercantile Exchange (NYMEX), Natural  
22 Gas Exchange (NGX), Energy Information Administration (EIA) and Moody's forecast  
23 data to develop a normalized gas price to be applied for ratemaking purposes. The  
24 normalization process is intended to reduce volatility that may occur in the short-term  
25 market.

26

1                   Public Utility Regulatory Policies Act of 1978 (“PURPA”) contracts and other  
2                   Purchased Power Agreements (“PPA”) were updated to reflect expected costs during  
3                   the April 2013 through March 2014 test year.

4       **Q. Have any additional resources been added to the Company's resource  
5                   portfolio, since last year's 2012 October Update?**

6       A. Yes. The Langley Gulch power plant (“Langley Gulch”) is a combined-cycle plant  
7                   with 300 megawatts (“MW”) of capacity during the summer and 330 MW of capacity  
8                   during the winter. Langley Gulch became commercially operational on June 29,  
9                   2012, and therefore has been included in the 2013 October Update. Langley Gulch  
10                  was initially included in last year's 2012 October Update, but was later removed  
11                  because Langley Gulch was not included in the Oregon rate base at the time rates  
12                  went into effect. On September 20, 2012, per Order No. 12-358, Langley Gulch was  
13                  approved for inclusion in the Oregon rate base with the corresponding rate change  
14                  being effective on October 1, 2012.

15                  The Company also included the Neil Hot Springs geothermal PPA in this  
16                  year's APCU filing, which will become commercially operational in 2012 and will be  
17                  online during the APCU test year. The Neil Hot Springs geothermal PPA is for 21  
18                  average megawatts (“aMW”) over the test year forecast.

19       **Q. Have you prepared an exhibit to demonstrate the normalization of variable  
20                   power supply expenses for this scenario?**

21       A. Yes. Exhibit 101 shows the results of the variable power supply expense  
22                  normalization modeling for the April 2013 through March 2014 test year. Exhibit 101  
23                  shows the summary of results containing average variable power supply generation  
24                  sources and expenses based on 84 historical water conditions.

25       **Q. Please summarize the sources and disposition of energy shown on Exhibit  
26                  101.**

1 A. Hydro generation supplies 8.5 million megawatt-hours ("MWh"), approximately 47  
2 percent (8.5 million MWh / 18.2 million MWh = 47 percent) of the generation mix.  
3 Thermal generation supplies 6.4 million MWh (Bridger 4.0, Boardman 0.3, Valmy 0.8,  
4 Langley Gulch 1.3), approximately 35 percent (6.4 million MWh / 18.2 million MWh =  
5 35 percent) of the generation mix. Danskin and Bennett Mountain are peaking units  
6 supplying energy at times when resources and/or transmission lines are constrained.  
7 Purchases of power are made up of short-term and longer-term market purchases,  
8 PPAs and PURPA. PURPA purchases are normalized and account for nearly 2.4  
9 million MWh. PURPA purchases are not included on Exhibit 101; however, when  
10 combined with market purchases of 0.9 million MWh, total purchases amount to 3.3  
11 million MWh (2.4 million MWh + 0.9 million MWh = 3.3 million MWh) or  
12 approximately 18 percent (3.3 million MWh / 18.2 million MWh = 18 percent) of the  
13 generation mix. Of the 18.2 million MWh generated, 15.4 million MWh are utilized for  
14 system loads while nearly 2.8 million MWh are sold as surplus.

15 Q. **Please explain any changes in coal prices from last year's October filing.**

16 A. Coal prices for each of the Company's coal-fired thermal generation plants have  
17 been updated to reflect current operating costs. The coal prices at the Bridger plant  
18 have increased slightly from \$22.53 per MWh to \$22.92 per MWh. The coal prices at  
19 the Boardman plant have increased from \$20.40 per MWh to \$22.73 per MWh. The  
20 coal prices at the Valmy plant increased from \$34.75 per MWh to \$37.58 per MWh.

21 Q. **Please explain the changes in coal prices described above.**

22 A. The coal prices shown above are in dollars per MWh, so these costs include any  
23 start-up costs over the period of the forecast year, as well as any fixed costs related  
24 to the variable cost of production. The increase in the per-unit cost of coal for the  
25 Boardman and Valmy plants can be attributed to lower output for the plants. That is,  
26 costs that do not vary with annual fluctuations in output or "fixed costs" are spread

1 over fewer units of output, resulting in a higher per-unit cost of output. In last year's  
2 October filing, a concern over including fixed costs with variable costs in the APCU  
3 was raised. The fixed costs described above are included in the Federal Energy  
4 Regulatory Commission ("FERC") Account 501, Fuel. These costs include: oil  
5 consumption, administrative and general, and fuel handling costs. According to the  
6 FERC Uniform System of Accounts, each of these cost categories are associated  
7 with the variable cost of fuel used in the production of steam for the generation of  
8 electricity. While the Company may characterize some of these costs as being  
9 "fixed" in nature in the context of the annual APCU filing, they are actually variable  
10 costs over time and considered to be variable by the FERC.

11 The increase in the Boardman plant per-unit cost can also be attributed to a  
12 revised rail contract. The current rail contract expires at the end of 2013, so this  
13 year's APCU includes several months using the new rail contract. The new rail  
14 contract reflects current market prices for rail transportation.

15 Q. **Please describe the change in PURPA generation and expenses since last  
16 year's October filing.**

17 A. PURPA generation has decreased from 313 aMW to 273 aMW, a decrease of 40  
18 aMW. PURPA expenses have also decreased from \$192.0 million to \$177.4 million,  
19 a decrease of \$14.6 million.

20 Q. **Please explain the reason for the decrease in PURPA since the 2012 October  
21 Update.**

22 A. The decrease in PURPA generation and expenses since the 2012 October Update is  
23 primarily driven by the removal of several wind projects that were expected to come  
24 on-line during the April 2012 through March 2013 test year. On August 29, 2012, per  
25 Final Order No. 32628, the Idaho Public Utilities Commission approved the  
26 termination of six wind project contracts with a combined nameplate capacity of 116

1 MW. The removal of these projects, as well as several other projects that failed to  
2 materialize, resulted in the 40 aMW reduction in this year's October Update filing.

3 **Q. Please explain the regulatory treatment of PURPA expense in Oregon.**

4 A. Many of the PURPA contracts have payment provisions that require the Company to  
5 provide leveled monthly payments over the length of the contract. Based on Order  
6 No. 85-010, Oregon regulation requires the Company to reflect a non-levelized  
7 payment stream in rates, rather than the leveled monthly payment stream. The  
8 non-levelized method provides benefits in the early years of the contract by paying  
9 less than the actual contract levels. As time passes, the non-levelized method  
10 required in Oregon begins to exceed the leveled monthly payment stream,  
11 therefore reflecting the higher re-priced costs. This is the case with the majority of  
12 the PURPA contracts being impacted by this repricing methodology resulting in  
13 higher PURPA expenses in the Oregon jurisdiction.

14 **Q. Please describe the change in the Company's system loads since last year's  
15 October Update.**

16 A. The Company's annual normalized system load used in last year's April 2012  
17 through March 2013 filing was 1,841 aMW. The Company's April 2013 through  
18 March 2014 annual normalized system load used in this filing is 1,764 aMW, a  
19 decrease of 77 aMW.

20 **Q. Please explain the change in loads from last year's 2012 October Update and  
21 this year's 2013 October Update forecasted loads.**

22 A. The large deviation seen between the two load forecasts is attributed to the removal  
23 of the Special Contract customer Hoku Materials, Inc. ("Hoku"). The 2012 October  
24 Update included the Hoku load, while the 2013 October Update does not include the  
25 Hoku load.

- 1   **Q. Please explain why the Hoku load was removed from the load forecast for the**  
2   **2013 October Update.**
- 3   A. Electric service to Hoku under its Special Contract terminated on April 26, 2012;  
4   therefore, any future Hoku load has been removed from any future load forecasts.  
5   Hoku has given the Company no indication that it intends to take service under its  
6   Special Contract during the April 2013 to March 2014 test year.
- 7   **Q. What forward price curve did the Company use to re-price purchased power**  
8   **and surplus sales?**
- 9   A. For the October Update, the Company used the methodology approved in Order No.  
10   08-238. This methodology uses a one-year average of the daily forward price curves  
11   for April 2014 through March 2015 shown in Exhibit 102, which is then discounted for  
12   inflation back to April 2013 through March 2014 according to the quarterly inflation  
13   indices provided in Exhibit 103.
- 14   **Q. What are the average forward price curves the Company used to re-price**  
15   **purchased power and surplus sales for the normalized test year?**
- 16   A. Exhibit 104 shows the revised monthly prices for April 2013 through March 2014.  
17   These are considered the “normal” forward prices used to re-price the Company’s  
18   purchased power and surplus sales estimates for the normalized test year as set  
19   forth in Order No 08-238.
- 20   **Q. How does the re-pricing of purchased power and surplus sales, using a**  
21   **“normal” forward price curve, change the purchased power expenses and**  
22   **surplus sales revenues as modeled by AURORA?**
- 23   A. Exhibit 101 shows the purchased power expenses and surplus sales revenues  
24   before re-pricing. Exhibit 105 shows the same normalized generation dispatch, with  
25   purchased power and surplus sales re-priced using the normalized forward price  
26   curve shown in Exhibit 104. A comparison of Exhibit 101 and Exhibit 105

1 demonstrates the changes due to re-pricing. Purchased power expenses decrease  
2 by \$15.3 million, moving from \$29.6 million to \$14.3 million. Surplus sales revenues  
3 decrease by \$25.2 million, moving from \$110.3 million to \$85.1 million. In this case,  
4 the NPSE resulting from the re-pricing methodology shown on Exhibit 105 is an  
5 increase in NPSE of \$9.9 million or approximately \$0.71/MWh as compared to the  
6 AURORA generated expectation shown on Exhibit 101.

7 **Q. Does the methodology used to estimate the power supply expenses  
8 represented in Exhibit 104 conform with the methodology detailed in Order No.  
9 08-238?**

10 A. Yes, it does.

11 Q. **What is the October Update unit cost per megawatt-hour represented by this  
12 filing?**

13 A. Exhibit 105 shows the normalized annual sales at customer level for the April 2013  
14 through March 2014 test year are 14,061,686 MWh. Based upon test year sales, the  
15 cost per unit for the October Update to become effective on June 1, 2013, is \$23.41  
16 per MWh (\$329.2 million / 14.062 million MWh = \$23.41 per MWh).

17 Q. **How does this \$23.41 per MWh October Update compare to the October Update  
18 that resulted from last year's computation?**

19 A. The October Update unit cost which became effective June 1, 2012, was \$19.47 per  
20 MWh based upon a determination of total net power supply expenses of \$286.5  
21 million. This year's October Update per-unit cost of \$23.41 per MWh equates to an  
22 increase of \$3.94 per MWh (\$23.41 – \$19.47 = \$3.94) or a \$42.7 million increase  
23 over last year's October Update.

24 Q. **Please explain how the revenue deficiency for the October Update is  
25 calculated using the unit cost of \$3.94 per MWh.**

26

1 A. The revenue deficiency for the October Update is calculated by multiplying the unit  
2 cost of \$3.94 per MWh by the loss adjusted sales for the April 2013 through March  
3 2014 test period of 658,340.684 MWh creating a revenue deficiency of \$2.6 million.

4 Q. **What are the main factors contributing to the increase in this year's October  
5 Update as compared to last year's October Update?**

6 A. There are several distinct differences between this year's October Update and last  
7 year's October Update that must be considered when comparing the results of the  
8 two studies. I will address the issues that I believe are the main factors that are  
9 affecting this year's increase over last year's results in the following bullet points:

- 10 • The Hoku first block revenue credit of \$23.9 million was removed from this year's  
11 APCU filing because electric service to Hoku under its Special Contract was  
12 terminated.
- 13 • The Neil Hot Springs geothermal PPA, which accounts for 21 aMW, was included  
14 in this year's October Update. The Neil Hot Springs geothermal PPA is modeled  
15 as a must-run resource in the AURORA model, which means that it "must-run"  
16 regardless of economics. As mentioned previously, the AURORA model is an  
17 economic dispatch model; therefore, resources are stacked in a resource stack  
18 based upon dispatch cost. Must-run resources are placed at the bottom of the  
19 resource stack regardless of dispatch cost, since contractual obligations require  
20 must-run resources to be dispatched, regardless of economics. The average  
21 per-unit cost in the total contract portion of Exhibit 105 increased from  
22 \$56.96/MWh in last year's October Update to \$72.20/MWh in this year's October  
23 Update, which includes the Neil Hot Springs geothermal PPA.
- 24 • Lower gas prices and surplus generation in the Northwest have contributed to  
25 lower market energy prices. Lower market energy prices resulted in a 6 percent

1 increase in surplus sales revenue over last year's October Update, even though  
2 surplus sales volumes increased by 29 percent over the same period.

- 3 • Hydro generation has also been reduced by 15 aMW from last year's October  
4 Update. This reduction is a direct result of lower loads in combination with the  
5 additional must-run resources described above. As mentioned earlier, the  
6 AURORA model is a dispatch model that factors in all of the available resources  
7 in the resource stack and dispatches them economically, with the exception of  
8 must-run resources, which are dispatched first. In some instances, the sum of  
9 hydro generation and must-run generation exceeds system loads, with no ability  
10 to sell surplus generation; therefore, hydro generation must be reduced. Even  
11 though it is not economical to reduce hydro generation, the model must reduce  
12 hydro generation, as must-run resources must remain on due to contractual  
13 obligations.
- 14 • Finally, the per-unit cost per MWh has been impacted by a reduction in the  
15 system load of 77 aMW as compared to last year's October Update. This  
16 equates to more expense being spread across fewer units, thereby creating a  
17 larger per-unit cost.

18 Q. **Please provide an example describing how system generation can exceed  
19 system load.**

20 A. In May 2013, the total system forecast load is 1,655 MW, the hydro capability at that  
21 time is expected to be 1,308 MW and the resources that are classified as must-run  
22 resources total 401 MW. The total Company generation for hydro and must-run  
23 resources is 1,709 MW, which exceeds the system load by 54 MW, resulting in a  
24 hydro resource that must be backed down.

25 Q. **Does the example above, which shows system generation exceeding system  
26 load, include any of the Company's thermal resources?**

- 1 A. No. The above example only includes hydro, PURPA, and PPA resources.
- 2 Q. **How do thermal resources play into the resource mix described earlier?**
- 3 A. Thermal resources are dispatched in the AURORA model the same way other  
4 resources are; however, due to the nature of the resource type, they have some  
5 limitations. For example, once the Bridger plant is dispatched and brought on-line, it  
6 is required to remain on-line for 48 hours before it can be brought off-line due to the  
7 operational requirements of the plant. Once the Bridger plant is off-line, it has to  
8 remain off-line for 12 hours before it can be brought back on-line. The operational  
9 requirements vary by plant, ranging from the peaking units having virtually no  
10 operational requirements for start-up times or run times, to the Boardman plant  
11 having operational requirements of 96 hours on-line and 24 hours off-line.
- 12 Q. **Please explain how the thermal resources affect the hydro generation.**
- 13 A. On an hourly basis there are times when all of the Company's generation resources  
14 are needed to serve system load, but then the next hour the load declines and  
15 generation resources need to be reduced. When thermal generation resources are  
16 required to remain on-line due to the operational requirements described earlier,  
17 hydro generation is the only resource that can back down on an hour-to-hour basis.  
18 These factors have contributed to lower hydro generation for this year's October  
19 Update when compared to last year's October Update.
- 20 Q. **Based on all of the information described above, does a reduction in hydro**  
**generation compared to last year's October Update seem logical?**
- 21 A. Yes. As described previously, hydro generation is shaped on an hourly basis as  
22 needed to serve load or make additional surplus sales.
- 23 Q. **Please explain why hydro generation was reduced instead of being sold as**  
**surplus sales.**
- 24
- 25
- 26

1 A. The surplus sales volume for this year's October Update is 72 aMW larger than last  
2 year's October Update. The increase in surplus sales combined with the decrease in  
3 total purchased power of 47 aMW leads me to believe that hydro generation was  
4 maximized in the AURORA model to meet system load as well as making surplus  
5 sales. It is also worth mentioning that since the AURORA model is an economic  
6 model, market prices never reach a negative price in the model. Rather than selling  
7 additional surplus sales from hydro generation into a negative market, the AURORA  
8 model will shut off the generating unit.

9 Q. **What method of allocation are you proposing to spread the incremental  
10 revenue requirement associated with the October Update to the various  
11 customer classes?**

12 A. I am proposing to allocate the revenue deficiency associated with the 2013 October  
13 Update according to the revenue spread methodology approved by the Commission  
14 in UE 214, Order No. 10-191. Order No. 10-191 established a revenue spread  
15 methodology whereby the revenue deficiency for the October Update is allocated to  
16 individual customer classes on the basis of the total generation-related revenue  
17 requirement approved in the Company's last general rate case (UE 233). In this  
18 instance, the Company's last general rate case was a settled case in which parties  
19 did not adopt the Company's class cost-of-service methodology, but rather agreed to  
20 a revenue spread methodology that was set forth in Exhibit B to the Partial  
21 Stipulation filed on February 1, 2012. In light of the stipulated revenue spread, the  
22 Company has utilized the total generation-related revenue requirement detailed on  
23 Exhibit B to the Partial Stipulation to apportion the October Update revenue  
24 requirement to each customer class. The proposed revenue spread resulting from  
25 the application of the stipulated methodology in UE 233 is shown on Exhibit 106.  
26

- 1   **Q. Was the incremental spread of the revenue requirement mentioned above**
- 2   **approved in last year's APCU filing?**
- 3   A. Yes. The Company used this same methodology in its March Forecast filing last
- 4   year in UE 242, which also updated the October Update. This methodology was
- 5   approved in Order No. 12-176 on May 18, 2012.
- 6   **Q. What is the overall revenue impact of this year's October Update compared to**
- 7   **last year's October Update using the rate spread methodology described**
- 8   **above?**
- 9   A. The overall revenue impact of the October Update compared to last year's October
- 10   Update is a 5.17 percent increase.
- 11   **Q. Have you supervised the preparation of an exhibit showing the summary of**
- 12   **revenue impact resulting from the October Update proposed by the Company?**
- 13   A. Yes. Exhibit 107 provides a summary of the revenue change resulting from this
- 14   year's October Update as compared to current revenue.
- 15   **Q. Does this conclude your testimony?**
- 16   A. Yes, it does.

Idaho Power/101  
Witness: Scott Wright

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**IDAHO POWER COMPANY**

Exhibit Accompanying Testimony of Scott Wright

Idaho Power Company's Power Supply Costs for April 1, 2013 – March 31, 2014  
Normalized Loads Over 84 Water Year Conditions

October 24, 2012

**IPCO POWER SUPPLY COSTS FOR APRIL 2013 - MARCH 2014 NORMALIZED LOADS OVER 84 WATER YEAR CONDITIONS**

**AVERAGE**

	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>Annual</u>
Hydroelectric Generation (MWh)	854,685.3	951,495.4	895,492.0	668,812.4	502,598.6	535,604.0	549,191.3	463,973.3	671,876.1	755,385.7	825,760.5	836,195.1	8,511,069.7
Bridger													
Energy (MWh)	153,135.1	230,616.9	258,016.4	406,273.4	433,024.2	390,192.3	396,023.6	395,116.2	403,596.1	356,512.4	279,677.7	285,408.7	3,987,593.0
Cost (\$ x 1000)	\$ 3,665.7	\$ 5,496.3	\$ 6,052.5	\$ 9,100.9	\$ 9,644.1	\$ 8,746.9	\$ 8,892.8	\$ 8,846.9	\$ 9,046.6	\$ 8,396.2	\$ 6,691.7	\$ 6,819.6	91,400.2
Boardman													
Energy (MWh)	13,161.5	9,911.2	28,327.5	40,448.9	41,663.5	40,279.5	41,108.6	40,096.1	40,556.1	17,375.8	13,295.9	14,342.8	340,567.4
Cost (\$ x 1000)	\$ 303.5	\$ 221.3	\$ 618.2	\$ 847.1	\$ 869.6	\$ 840.8	\$ 859.3	\$ 837.4	\$ 849.1	\$ 562.6	\$ 447.8	\$ 484.6	7,741.3
Valmy													
Energy (MWh)	20,837.5	39,477.1	50,371.8	96,026.9	103,564.2	76,159.0	69,977.5	70,603.9	79,818.1	65,686.3	52,094.6	48,787.6	773,404.5
Cost (\$ x 1000)	\$ 795.0	\$ 1,502.5	\$ 1,914.3	\$ 3,444.6	\$ 3,677.5	\$ 2,811.3	\$ 2,638.9	\$ 2,644.7	\$ 2,944.9	\$ 2,630.0	\$ 2,098.9	\$ 1,966.8	29,069.4
Langley Gulch													
Energy (MWh)	93,365.2	88,346.0	88,307.4	135,292.5	140,509.7	114,482.5	117,118.2	114,734.9	122,923.8	107,142.1	78,329.3	81,480.9	1,282,032.3
Cost (\$ x 1000)	\$ 3,090.0	\$ 2,885.1	\$ 2,910.0	\$ 4,484.3	\$ 4,665.7	\$ 3,897.2	\$ 3,999.0	\$ 4,619.7	\$ 5,150.3	\$ 4,613.5	\$ 3,415.6	\$ 3,526.5	47,256.8
Danskin													
Energy (MWh)	-	-	-	-	1,766.5	1,093.7	7.7	-	-	1.7	-	-	2,869.6
Cost (\$ x 1000)	\$ -	\$ -	\$ -	\$ -	\$ 91.9	\$ 56.7	\$ 0.4	\$ -	\$ -	\$ 0.1	\$ -	\$ -	149.0
Fixed Capacity Charge - Gas Transportation (\$ x 1000)	\$ 466.9	\$ 478.2	\$ 476.2	\$ 498.4	\$ 499.8	\$ 484.4	\$ 481.3	\$ 738.2	\$ 759.6	\$ 760.8	\$ 714.1	\$ 760.8	7,118.5
Total Cost	\$ 466.9	\$ 478.2	\$ 476.2	\$ 590.2	\$ 556.4	\$ 484.8	\$ 481.3	\$ 738.2	\$ 759.8	\$ 760.8	\$ 714.1	\$ 760.8	7,267.6
Bennett Mountain													
Energy (MWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost (\$ x 1000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Purchased Power (Excluding CSPP)													
Market Energy (MWh)	476.9	2,549.2	32,875.0	141,870.2	140,062.6	35,491.8	5.6	47.4	15,098.2	14,475.9	82.0	171.9	383,206.7
Contract Energy (MWh)	46,687.5	46,823.3	43,472.0	46,370.2	44,592.7	40,051.4	45,541.0	51,536.6	53,680.7	39,954.2	44,964.2	46,915.5	550,589.3
Total Energy Excl. CSPP (MWh)	47,164.4	49,372.4	76,347.0	188,240.5	184,655.2	75,543.2	45,546.6	51,583.9	68,778.9	54,430.1	45,046.3	47,087.4	933,796.0
Market Cost (\$ x 1000)	\$ 19.7	\$ 116.8	\$ 1,807.8	\$ 12,123.0	\$ 11,289.6	\$ 2,786.6	\$ 0.3	\$ 2.1	\$ 803.3	\$ 663.9	\$ 3.5	\$ 7.3	29,624.0
Contract Cost (\$ x 1000)	\$ 2,457.1	\$ 2,479.5	\$ 3,162.3	\$ 4,021.0	\$ 3,899.7	\$ 2,966.7	\$ 3,304.8	\$ 4,352.3	\$ 4,526.8	\$ 2,710.6	\$ 3,310.0	\$ 2,565.9	39,756.4
Total Cost Excl. CSPP (\$ x 1000)	\$ 2,476.8	\$ 2,596.2	\$ 4,970.1	\$ 16,144.0	\$ 15,189.3	\$ 5,753.3	\$ 3,305.1	\$ 4,354.4	\$ 5,330.1	\$ 3,374.5	\$ 3,313.4	\$ 2,573.2	69,380.4
Surplus Sales													
Energy (MWh)	352,281.9	388,944.5	206,158.9	20,757.8	14,558.5	187,670.4	364,965.0	218,078.3	140,942.0	157,424.5	338,874.3	378,249.5	2,768,905.5
Revenue Including Transmission Costs (\$ x 1000)	\$ 11,322.5	\$ 12,093.5	\$ 6,634.2	\$ 928.9	\$ 723.1	\$ 7,675.0	\$ 17,700.6	\$ 10,495.8	\$ 8,449.3	\$ 7,142.5	\$ 14,498.3	\$ 15,383.0	113,046.7
Transmission Costs (\$ x 1000)	\$ 352.3	\$ 388.9	\$ 206.2	\$ 20.8	\$ 14.6	\$ 187.7	\$ 365.0	\$ 218.1	\$ 140.9	\$ 157.4	\$ 338.9	\$ 378.2	2,768.9
Revenue Excluding Transmission Costs (\$ x 1000)	\$ 10,970.2	\$ 11,704.5	\$ 6,428.1	\$ 908.1	\$ 708.5	\$ 7,487.3	\$ 17,335.6	\$ 10,277.7	\$ 8,308.3	\$ 6,985.1	\$ 14,159.4	\$ 15,004.8	110,277.8
Net Power Supply Costs (\$ x 1000)	\$ (172.3)	\$ 1,475.1	\$ 10,513.1	\$ 33,703.0	\$ 33,894.1	\$ 15,047.0	\$ 2,840.8	\$ 11,763.6	\$ 15,772.4	\$ 13,352.4	\$ 2,522.1	\$ 1,126.7	141,837.8

Idaho Power/102  
Witness: Scott Wright

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**IDAHO POWER COMPANY**

Exhibit Accompanying Testimony of Scott Wright

Mid Columbia Heavy and Light Load  
Forward Market Prices

October 24, 2012

Mid-Columbia Heavy Load and Light Load Daily Forward Curves  
April 2013 - March 2014

Idaho Power/102  
Wright/1

<b>MidC HL</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
<b>10/3/2011</b>	37.4781	30.3553	25.8952	44.9338	52.3229	51.391	47.7297	50.3924	55.9842	53.9206	53.9206	42.0953
<b>10/4/2011</b>	38.232	30.7622	26.3482	44.2079	53.1038	52.2889	47.6712	50.3875	56.0917	54.462	54.462	43.0494
<b>10/5/2011</b>	37.9944	30.491	26.0572	44.27	52.6601	51.8416	47.2713	49.9998	56.0025	54.0926	54.0926	43.3391
<b>10/6/2011</b>	37.2642	29.8383	25.4504	43.4749	51.7108	51.0357	47.0528	49.348	54.7486	53.196	53.196	43.2436
<b>10/7/2011</b>	36.2489	28.9856	24.4798	42.5706	50.7753	50.1028	45.7314	48.018	53.3981	51.5151	51.5151	41.775
<b>10/10/2011</b>	36.4346	29.1746	23.7296	42.2158	50.9547	50.4438	45.7786	48.0641	53.5764	51.6269	51.6269	41.4568
<b>10/11/2011</b>	36.2862	29.1227	23.6998	41.776	50.4793	49.9705	45.1903	47.4666	52.9564	51.0149	51.0149	41.3276
<b>10/12/2011</b>	36.9427	28.763	23.5333	41.3677	50.0838	49.5742	44.653	46.9326	52.4304	50.7542	50.7542	40.9102
<b>10/13/2011</b>	36.3182	29.5379	24.7044	41.7558	50.4829	49.9727	45.3138	47.1264	52.8325	50.4829	50.4829	40.4304
<b>10/14/2011</b>	36.7328	30.4338	25.6599	41.9708	51.8502	50.5904	46.3469	48.0709	53.0437	51.1872	51.1872	41.3938
<b>10/17/2011</b>	35.9883	29.8908	25.9142	41.3567	51.2319	49.9064	45.6647	47.7193	52.6237	50.6354	50.6354	40.8951
<b>10/18/2011</b>	35.6526	29.4117	25.2229	42.0262	50.8564	49.263	45.7442	47.6696	52.5826	50.3253	50.3253	40.5625
<b>10/19/2011</b>	36.0769	30.1538	26.3173	43.6154	50.8846	49.8077	46.4423	48.3269	53.3077	51.2212	51.2212	41.495
<b>10/20/2011</b>	36	30.4207	26.2362	43.7712	50.9446	49.5498	45.4982	47.9557	52.8708	50.6125	50.6125	41.4098
<b>10/21/2011</b>	26.877	44.8407	52.5198	51.08	46.6233	49.1602	54.2339	46.7555	44.5251	42.6205	40.5873	34.488
<b>10/24/2011</b>	26.5909	43.7727	51.4091	51.0682	45.9545	48.5455	54	45.9983	43.7962	42.2775	40.2536	34.1818
<b>10/25/2011</b>	27.1418	44.5561	52.1748	51.8347	46.5968	49.1817	54.2156	46.4076	44.3615	42.36	40.4923	34.4409
<b>10/26/2011</b>	26.6124	43.9683	51.8636	50.6384	46.1463	48.7327	53.8374	45.9792	44.0157	42.0538	40.2579	33.8975
<b>10/27/2011</b>	26.3244	44.1001	51.9703	50.2742	46.2712	48.9851	54.3449	46.013	43.4929	42.2187	39.9064	33.5661
<b>10/28/2011</b>	27.1012	45.1459	53.0447	51.3424	47.393	49.9805	55.3599	47.8853	44.7641	43.5549	40.716	34.3658
<b>10/31/2011</b>	27.4823	45.2215	53.016	51.3362	46.9686	49.522	54.8303	47.0533	43.9743	43.938	41.0628	34.7228
<b>11/1/2011</b>	36.3459	30.5788	26.4212	43.9235	51.7024	50.0259	46.1365	48.6847	53.9824	48.36	45.9529	41.8682
<b>11/2/2011</b>	36.7102	30.1091	26.5391	44.3217	52.0005	50.4513	45.9383	48.6326	53.8192	48.1363	45.572	41.6888
<b>11/3/2011</b>	36.3999	30.2554	25.9809	43.8135	51.4274	49.8913	45.884	48.5555	53.6983	48.0428	45.4263	41.5741
<b>11/4/2011</b>	36.1275	30.1063	25.9583	43.8882	51.5152	49.9764	45.8953	48.5714	53.7229	47.8335	45.7222	41.645
<b>11/7/2011</b>	35.8805	29.8451	25.6668	43.1759	50.7367	48.6144	45.2983	47.9512	53.058	46.6926	44.3797	40.5488
<b>11/8/2011</b>	36.1042	29.8078	25.5878	43.7404	51.3765	49.2331	45.8839	48.5632	53.721	47.6227	45.216	41.0591
<b>11/9/2011</b>	35.3051	29.1449	24.9057	42.3926	49.9438	47.8904	45.1084	47.6917	52.8583	46.68	44.2232	39.7431
<b>11/10/2011</b>	35.1618	28.3413	23.7061	42.3795	49.9284	47.8756	45.0945	47.677	52.842	46.2557	44.232	39.3896
<b>11/11/2011</b>	35.7059	28.3765	23.6695	42.9009	50.5666	48.482	45.5906	48.2131	53.458	48.111	45.8628	40.9168
<b>11/14/2011</b>	35.5319	29.4486	24.264	41.5461	50.6019	48.8737	45.9703	48.4589	54.1274	46.4867	44.3529	40.5425
<b>11/15/2011</b>	35.7638	28.3072	23.6814	42.737	50.6078	48.8127	45.6368	48.3294	53.7837	47.1137	44.602	40.9486
<b>11/16/2011</b>	35.3324	27.9743	23.6012	41.7186	50.6731	48.7989	45.6752	48.3824	53.8662	46.2465	44.1027	40.8868
<b>11/17/2011</b>	35.746	29.626	24.4102	41.7964	50.9067	49.1681	46.2472	48.7508	54.4535	46.7407	44.5952	40.764
<b>11/18/2011</b>	35.5996	29.0891	24.3795	41.7637	50.0749	48.6897	45.7115	48.2741	53.4686	46.0666	43.6219	40.4133
<b>11/21/2011</b>	34.865	29.4216	24.5984	42.0309	50.506	48.6456	45.7517	48.4389	53.5377	45.5253	43.7013	40.0532
<b>11/22/2011</b>	35.0447	29.0665	24.1877	41.7101	50.2994	48.3754	45.833	48.1006	53.3916	45.2753	43.1518	39.5874
<b>11/23/2011</b>	34.9912	28.623	24.5829	41.9073	50.2614	47.9332	44.9203	48.481	53.7537	45.4956	43.304	39.8276
<b>11/25/2011</b>	34.9912	28.623	24.5829	41.9073	50.2614	47.9332	44.9203	48.481	53.7537	45.4956	43.304	39.8276
<b>11/28/2011</b>	35.4456	28.7488	25.0284	41.6012	49.7185	47.9597	44.7805	47.8921	52.4243	45.0436	42.7279	39.6652
<b>11/29/2011</b>	36.1314	29.3735	25.5596	42.2202	49.9148	48.1752	45.0973	48.4428	52.5912	46.1273	43.249	40.223
<b>11/30/2011</b>	36.2962	29.0236	25.2872	41.7673	49.4402	47.7055	44.703	48.0391	52.1758	45.655	43.3723	40.7213
<b>12/1/2011</b>	36.1078	28.7295	25.0077	41.919	49.4931	47.7302	44.6613	47.9261	52.3661	47.5343	43.7645	40.5974
<b>12/2/2011</b>	36.8055	29.7886	25.4858	42.4985	50.0449	48.2576	45.2787	48.5886	53.09	45.6101	43.7127	40.9397
<b>12/5/2011</b>	36.603	29.7931	25.537	42.6271	48.7167	46.8178	43.8057	47.2761	51.5978	44.6867	42.879	40.782
<b>12/6/2011</b>	36.197	29.7101	25.4287	42.1001	48.1978	46.122	43.5921	47.2248	51.571	45.0845	42.6475	40.2822
<b>12/7/2011</b>	35.4146	29.3509	24.9644	41.6718	47.7355	45.6713	43.478	46.3164	50.8319	44.9964	42.6281	39.8293
<b>12/8/2011</b>	35.4324	29.4204	25.0073	41.8281	47.7122	45.4097	43.6189	46.0493	51.038	45.253	42.3358	39.7743
<b>12/9/2011</b>	34.5653	28.7726	24.3166	40.549	46.66	44.1137	42.1404	45.1322	49.5245	44.9437	41.6776	38.5536
<b>12/12/2011</b>	34.1709	28.6228	24.2096	40.4124	45.5822	43.3125	41.5472	44.1951	48.9866	44.0797	41.4743	38.3761
<b>12/13/2011</b>	34.0172	28.9178	24.6267	39.863	45.46	43.159	41.4177	43.7187	48.756	44.8001	41.3967	38.9657
<b>12/14/2011</b>	34.0687	29.8101	26.1778	40.7071	45.2162	43.4626	41.2707	43.4626	48.4101	44.7547	41.28	38.7087
<b>12/15/2011</b>	35.1768	30.9968	27.2026	41.9293	46.6881	44.8875	42.5723	44.8232	49.9035	44.0559	41.1005	38.6262
<b>12/16/2011</b>	34.9892	30.6479	27.0194	42.6998	47.5594	44.3197	42.4406	45.162	50.2808	43.3502	41.1342	38.295

Mid-Columbia Heavy Load and Light Load Daily Forward Curves  
April 2013 - March 2014

Idaho Power/102  
Wright/2

<b>MidC HL</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
12/19/2011	35.6197	30.0833	26.4146	43.2906	47.6263	45.2917	43.3573	45.6919	50.628	43.9373	41.7622	39.2971
12/20/2011	35.5121	30.9212	27.0729	43.7487	48.3396	45.9092	44.0188	46.5843	51.1752	44.5307	42.1715	39.6648
12/21/2011	36.1406	30.3093	27.0546	44.2773	49.1593	46.5149	45.2944	46.3793	51.2613	44.1826	42.0364	39.9642
12/22/2011	35.7299	31.1109	27.239	44.0171	48.6362	46.1908	44.2888	46.8701	51.4892	44.7809	42.4084	39.8876
12/23/2011	35.9296	30.6998	27.2359	44.2838	49.174	46.5251	45.7101	47.4081	51.687	44.6789	42.382	39.8628
12/27/2011	35.9296	30.6998	27.2359	44.2838	49.174	46.5251	45.7101	47.4081	51.687	44.6789	42.382	39.8628
12/28/2011	34.776	29.7596	25.8956	43.4531	47.9272	45.8935	44.4699	46.7069	50.6387	43.1293	41.9436	38.9794
12/29/2011	34.4758	29.9966	26.1283	43.7734	48.2525	46.2165	44.3842	46.6237	50.5599	42.881	41.5456	38.6522
12/30/2011	34.5532	30.2924	26.3947	43.353	48.3448	46.4028	44.3787	46.6353	50.6013	43.3763	41.3286	39.0865
1/3/2012	34.8949	30.2197	27.0351	42.8903	47.8365	45.9122	44.1099	46.2104	50.1403	42.8717	41.9236	39.5533
1/4/2012	34.9903	30.2493	26.9773	43.0701	47.9448	46.0483	44.0718	46.1418	50.4822	41.7249	41.9731	39.8562
1/5/2012	34.1814	30.3982	26.8142	42.6106	47.9867	45	43.5398	45.0664	49.2478	39.982	39.8671	38.2868
1/6/2012	33.6568	30.0803	26.7594	41.8315	47.0045	44.1306	42.5979	44.0667	48.2818	38.4644	38.8084	37.5698
1/9/2012	34.6027	29.9196	26.9927	42.6029	47.3511	44.6843	42.6029	44.7494	48.3917	40.006	39.558	37.8776
1/10/2012	33.4669	28.4436	25.4427	41.7521	46.2535	43.5135	42.0783	44.4268	48.5368	40.6315	38.7469	37.1295
1/11/2012	32.8207	27.941	24.8662	39.9062	45.4543	43.5826	42.1789	44.4516	48.7297	39.8814	36.9747	36.191
1/12/2012	32.1029	27.3114	24.2996	40.3169	45.7244	43.4655	41.9597	44.2869	48.6677	39.9492	36.8649	35.6899
1/13/2012	31.3386	26.0928	23.3677	39.7183	44.5553	42.1709	41.2171	43.4653	47.8254	39.4182	37.3412	35.9418
1/17/2012	31.9156	26.9838	23.5316	39.5246	44.6677	42.3427	40.7223	43.3291	47.6268	39.1319	36.5584	35.3474
1/18/2012	31.7459	27.2717	23.8627	39.2741	44.6716	42.683	40.6945	43.3222	47.8675	40.1144	37.674	35.6149
1/19/2012	31.4718	27.3085	23.9214	38.5282	44.0323	42.127	39.9395	42.4093	46.996	39.6584	37.8571	35.2621
1/20/2012	29.9498	26.1804	22.548	37.146	42.8344	40.7098	38.9964	41.7378	45.8499	36.9492	35.0938	32.9364
1/23/2012	30.4442	26.2289	23.4855	38.2727	43.0903	41.9528	39.7447	42.4212	46.4358	36.3023	35.1516	33.3274
1/24/2012	30.8019	26.9601	24.0619	39.1596	44.4842	42.8666	40.7098	43.4058	47.4498	36.8845	36.0316	33.6864
1/25/2012	30.9575	27.1545	23.5517	39.5642	45.2353	43.8342	41.1655	43.8342	47.8374	36.4604	35.6359	33.5397
1/26/2012	30.2205	26.6181	22.8822	38.8931	43.8965	41.8951	39.4935	42.3621	46.8318	36.9718	35.0863	33.0308
1/27/2012	31.5594	27.5151	24.6641	38.8526	44.2893	42.3003	39.7808	42.6318	47.074	36.6864	35.1238	33.6457
1/30/2012	30.773	27.4569	23.8756	39.1294	44.1698	42.1802	39.3947	42.5781	46.4248	36.9363	35.093	33.8169
1/31/2012	30.4178	26.8192	24.1713	38.4975	43.7934	41.6207	38.9727	42.096	46.5093	37.5851	34.7428	32.9681
2/1/2012	29.5814	26.5213	23.6652	37.9459	43.3181	41.074	38.0139	40.87	45.9702	37.9248	34.9694	33.1205
2/2/2012	31.1804	27.7235	24.8766	39.5856	44.1271	42.1614	39.9245	42.9748	47.5841	37.4774	35.6071	33.9527
2/3/2012	31.9822	28.6376	26.1292	41.2493	46.1268	44.0364	40.7616	44.1758	48.9139	38.4517	36.1195	35.5733
2/6/2012	32.0795	28.9344	26.4184	41.3748	47.3853	45.3585	41.4447	44.8693	49.6218	38.5406	36.425	35.6556
2/7/2012	31.3473	27.8103	25.2443	39.8776	46.1193	44.1081	40.0163	43.4146	48.2693	38.3006	36.6539	35.066
2/8/2012	30.1485	27.9307	24.1881	38.6733	44.9109	42.901	39.1584	42.6238	48.1683	38.5653	36.1966	34.4941
2/9/2012	30.0488	27.3423	24.3582	39.1397	45.3854	43.3729	39.5561	42.9565	48.5777	38.5986	36.5242	35.1166
2/10/2012	29.7759	27.9713	25.0562	39.4236	45.6703	43.3799	40.1177	43.5187	49.1407	38.5884	36.3072	34.9592
2/13/2012	29.3996	27.9296	24.9197	39.5495	45.8494	43.5394	39.8295	43.2594	48.9293	38.9171	36.5866	35.257
2/14/2012	30.3602	28.6538	26.023	40.2433	46.1447	43.7272	40.741	44.2249	49.9841	36.3129	37.0862	36.3129
2/15/2012	30.1145	27.9075	25.487	39.2271	45.0649	42.146	40.0103	43.3563	49.1229	35.7214	36.983	35.7214
2/16/2012	31.1654	28.2144	25.8392	39.7305	45.9924	43.3293	40.7382	44.8408	50.095	35.9239	36.6667	35.9239
2/17/2012	31.486	28.4942	26.0721	39.963	45.7331	43.1686	40.6042	44.5221	49.7223	36.0795	36.5446	36.0795
2/21/2012	30.3326	27.2574	24.8112	37.9507	44.4506	42.2839	39.4883	43.3323	48.2247	47.4206	35.8926	34.9957
2/22/2012	30.5056	27.2096	24.5448	37.8691	43.9702	42.0066	39.3418	42.778	49.3701	47.729	35.8816	35.2619
2/23/2012	30.3778	26.829	23.99	37.6884	44.0053	42.3019	39.1789	43.2955	49.5414	48.3064	36.2559	34.7179
2/24/2012	28.9997	25.8256	22.7958	37.5121	44.0046	41.624	38.5942	43.6439	49.7757	48.5856	37.2287	34.3895
2/27/2012	28.366	25.2464	21.6916	36.5638	43.1656	41.497	38.6677	43.3107	49.2596	47.7479	37.5719	33.9201
2/28/2012	28.5896	24.9148	21.5341	36.3066	42.9946	41.4512	38.5849	43.2886	49.3887	47.4288	37.5273	34.4167
2/29/2012	28.7069	25.3254	22.2317	35.9016	42.4488	40.866	38.2759	43.1683	48.4204	46.8967	36.9293	34.2301
3/1/2012	27.7923	24.8093	22.1902	35.6498	42.416	40.7426	38.0507	42.9252	48.4546	46.8986	37.1098	32.5942
3/2/2012	27.6912	25.1407	22.5902	35.9257	42.4842	40.881	38.1119	42.8485	48.3139	46.9741	37.1695	31.4628
3/5/2012	26.7679	25.1411	22.553	35.863	42.7399	40.8173	38.0814	42.8877	48.3596	47.0495	37.7166	31.6487
3/6/2012	25.3455	24.2306	21.8521	35.6026	42.069	40.6568	37.9067	42.738	48.2382	47.7189	38.6966	30.8909
3/7/2012	24.9921	23.7238	21.6349	34.8397	41.1063	39.8381	37.0032	42.3	47.9698	47.5397	38.873	30.1746

Mid-Columbia Heavy Load and Light Load Daily Forward Curves  
April 2013 - March 2014

Idaho Power/102  
Wright/3

<b>MidC HL</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
<b>3/8/2012</b>	24.8197	24.3041	21.6528	34.2467	40.5069	38.9603	36.4562	41.1697	46.767	46.2663	38.4089	30.4417
<b>3/9/2012</b>	24.7579	24.9816	22.3716	35.1234	41.462	40.0452	37.5097	42.2823	47.9498	47.1032	38.8404	30.514
<b>3/12/2012</b>	24.3033	24.2285	21.9103	34.3985	41.0538	40.0817	37.0157	42.3999	47.1109	47.0235	38.9714	30.2987
<b>3/13/2012</b>	24.6681	24.3691	22.4255	34.7595	40.7397	39.8427	36.7778	42.0105	47.3178	46.4025	46.4025	30.5907
<b>3/14/2012</b>	23.9493	23.7982	22.0605	35.0551	41.8545	40.9479	37.6237	42.8367	49.1828	47.4212	47.4212	30.1538
<b>3/15/2012</b>	24.2671	23.819	22.1764	35.0939	42.1127	41.2167	38.0806	42.3367	48.4594	47.2642	47.2642	30.1984
<b>3/16/2012</b>	24.4896	23.8995	22.2767	35.1853	41.7503	41.529	38.5785	42.0454	48.3891	47.162	47.162	29.7857
<b>3/19/2012</b>	24.3834	23.5706	21.8712	35.6146	42.1907	41.8951	38.4962	42.7818	49.1363	47.6939	47.6939	29.9499
<b>3/20/2012</b>	23.7171	22.9069	21.2865	34.6182	40.9525	40.7316	37.7117	42.131	48.3181	48.2213	48.2213	29.9706
<b>3/21/2012</b>	22.9088	22.761	21.283	34.0675	41.0141	40.6446	37.9842	42.5659	48.7735	51.0818	49.7121	30.0367
<b>3/22/2012</b>	26.8908	25.1817	21.7633	42.3873	42.3873	42.3873	40.7351	41.8745	42.7861	39.2175	38.161	34.5562
<b>3/23/2012</b>	27.0108	25.2903	21.8495	42.6667	42.6667	42.6667	41.0036	42.1505	43.0681	39.5783	38.5153	34.8889
<b>3/26/2012</b>	27.0124	25.2991	21.8726	42.3175	42.3175	42.3175	40.6042	41.7464	42.6601	39.3115	38.2524	34.639
<b>3/27/2012</b>	27.1266	25.4133	21.9868	42.2033	42.2033	42.2033	40.6042	41.7464	42.6601	39.3115	38.2524	34.639
<b>3/28/2012</b>	26.9061	25.1777	21.7208	42.3469	42.3469	42.3469	40.6761	41.8284	42.7502	39.3457	38.2772	34.6317
<b>3/29/2012</b>	26.4735	24.7469	21.2939	42.0122	42.0122	42.0122	40.1131	41.2641	42.1849	38.6571	37.5886	33.9429
<b>3/30/2012</b>	26.8343	25.1499	21.3745	42.5167	42.5167	42.5167	40.9484	42.1101	43.0394	39.0317	37.9545	34.2794
<b>4/2/2012</b>	27.4189	25.7199	21.9117	43.3547	43.3547	43.3547	41.7729	42.9446	43.882	39.8138	38.7291	35.0285
<b>4/3/2012</b>	27.2452	25.5713	21.8193	43.0613	43.0613	43.0613	41.4451	42.5995	43.5231	39.8133	38.7373	35.0661
<b>4/4/2012</b>	27.2452	25.5713	21.8193	43.0613	43.0613	43.0613	41.4451	42.5995	43.5231	39.8133	38.7373	35.0661
<b>4/5/2012</b>	27.3063	25.6357	21.8911	43.091	43.091	43.091	41.3051	42.4573	43.379	39.8605	38.7867	35.1228
<b>4/9/2012</b>	27.1657	25.4017	21.8737	44.6881	44.6881	44.6881	42.3361	43.5121	44.4529	40.3552	39.261	35.528
<b>4/10/2012</b>	27.4127	25.6592	22.1523	44.4215	44.4215	44.4215	41.7913	42.9602	43.8954	39.8819	38.7936	35.0807
<b>4/11/2012</b>	26.7585	25.0284	21.5683	43.5402	43.5402	43.5402	40.9451	42.0985	43.0212	39.4794	38.3969	34.7036
<b>4/12/2012</b>	26.2186	24.5012	21.0665	43.4496	43.4496	43.4496	40.8735	42.0184	42.9343	39.1521	38.0769	34.4083
<b>4/13/2012</b>	26.1451	24.4136	20.9507	43.806	43.806	43.806	41.3242	42.4786	43.402	39.1992	38.1226	34.4497
<b>4/16/2012</b>	26.6826	24.9156	21.3815	44.53	44.53	44.53	42.4095	43.5876	44.53	40.5703	38.8826	35.0528
<b>4/17/2012</b>	27.0004	25.2279	21.683	44.6659	44.6659	44.6659	42.598	43.7796	44.725	40.994	39.3022	35.3329
<b>4/18/2012</b>	26.9145	25.1321	21.5672	44.6198	44.6198	44.6198	42.6592	43.8475	44.7981	40.3372	38.6672	34.7491
<b>4/19/2012</b>	32.7171	29.9151	24.9331	40.6492	40.8811	36.6617	36.0115	37.41	41.7116	43.7121	42.1663	35.2619
<b>4/20/2012</b>	32.4899	29.7073	24.7599	40.3669	40.5972	36.4071	35.7614	37.1502	41.422	43.7121	42.1663	35.2619
<b>4/23/2012</b>	33.1715	30.3306	25.2794	41.2138	41.4489	37.1709	36.5117	37.9296	42.2909	44.5473	42.972	35.9357
<b>4/24/2012</b>	32.9443	30.1228	25.1062	40.9315	41.165	36.9163	36.2616	37.6698	42.0013	45.3826	43.7778	36.6095
<b>4/25/2012</b>	33.6259	30.7461	25.6257	41.7783	42.0167	37.6801	37.0118	38.4492	42.8703	45.9394	44.3149	37.0587
<b>4/26/2012</b>	33.1715	30.3306	25.2794	41.2138	41.4489	37.1709	36.5117	37.9296	42.2909	43.9905	42.4349	35.4865
<b>4/27/2012</b>	33.6259	30.7461	25.6257	41.7783	42.0167	37.6801	37.0118	38.4492	42.8703	44.5473	42.972	35.9357
<b>4/30/2012</b>	33.7168	30.8292	25.6949	41.8912	42.1303	37.7819	37.1119	38.5531	42.9861	44.6587	43.0795	36.0256
<b>5/1/2012</b>	33.1715	30.3306	25.2794	41.2138	41.4489	37.1709	36.5117	37.9296	42.2909	44.8257	43.2406	36.1603
<b>5/2/2012</b>	31.8083	29.0841	24.2405	39.52	39.7455	35.6433	35.0112	36.3708	40.553	43.1552	41.6292	34.8127
<b>5/3/2012</b>	32.9443	30.1228	25.1062	40.9315	41.165	36.9163	36.2616	37.6698	42.0013	44.5473	42.972	35.9357
<b>5/4/2012</b>	32.9443	30.1228	25.1062	40.9315	41.165	36.9163	36.2616	37.6698	42.0013	43.4336	41.8977	35.0373
<b>5/7/2012</b>	33.1715	30.3306	25.2794	41.2138	41.4489	37.1709	36.5117	37.9296	42.2909	43.7121	42.1663	35.2619
<b>5/9/2012</b>	34.0803	31.1616	25.9719	42.3429	42.5845	38.1893	37.512	38.9688	43.4496	43.7121	42.1663	35.2619
<b>5/10/2012</b>	34.3984	31.4524	26.2144	42.7381	42.982	38.5457	37.8621	39.3325	43.8551	44.1018	42.5423	35.5764
<b>5/11/2012</b>	33.6259	30.7461	25.6257	41.7783	42.0167	37.6801	37.0118	38.4492	42.8703	45.3826	43.7778	36.6095
<b>5/14/2012</b>	33.7622	30.8707	25.7295	41.9477	42.1871	37.8329	37.1619	38.6051	43.0441	43.8791	42.3275	35.3967
<b>5/15/2012</b>	34.0803	31.1616	25.9719	42.3429	42.5845	38.1893	37.512	38.9688	43.4496	44.2689	42.7035	35.7111
<b>5/16/2012</b>	34.3075	31.3693	26.1451	42.6252	42.8684	38.4439	37.7621	39.2286	43.7393	44.5473	42.972	35.9357
<b>5/17/2012</b>	34.2621	31.3278	26.1105	42.5687	42.8116	38.393	37.712	39.1766	43.6813	44.7701	43.1869	36.1154
<b>5/18/2012</b>	34.2621	31.3278	26.1105	42.5687	42.8116	38.393	37.712	39.1766	43.6813	44.7701	43.1869	36.1154
<b>5/21/2012</b>	33.8531	30.9538	25.7988	42.0606	42.3006	37.9347	37.2619	38.709	43.1599	44.2689	42.7035	35.7111
<b>5/22/2012</b>	34.2166	31.2862	26.0758	42.5123	42.7549	38.342	37.662	39.1246	43.6234	44.7144	43.1332	36.0705
<b>5/23/2012</b>	34.5802	31.6186	26.3529	42.9639	43.2091	38.7494	38.0622	39.5403	44.0869	45.1598	43.5629	36.4298
<b>5/24/2012</b>	34.1257	31.2031	26.0066	42.3994	42.6413	38.2402	37.562	39.0207	43.5075	44.603	43.0258	35.9806

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<b>MidC HL</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
<b>5/25/2012</b>	33.535	30.663	25.5564	41.6654	41.9032	37.5783	36.9118	38.3453	42.7544	44.1575	42.596	35.6213
<b>5/29/2012</b>	33.2624	30.4137	25.3486	41.3267	41.5625	37.2727	36.6117	38.0335	42.4068	44.1018	42.5423	35.5764
<b>5/30/2012</b>	33.944	31.0369	25.8681	42.1735	42.4142	38.0365	37.3619	38.8129	43.2758	44.1018	42.5423	35.5764
<b>5/31/2012</b>	34.3075	31.3693	26.1451	42.6252	42.8684	38.4439	37.7621	39.2286	43.7393	44.5473	42.972	35.9357
<b>6/1/2012</b>	34.0349	31.12	25.9373	42.2864	42.5277	38.1384	37.462	38.9168	43.3917	44.2132	42.6498	35.6662
<b>6/4/2012</b>	34.0349	31.12	25.9373	42.2864	42.5277	38.1384	37.462	38.9168	43.3917	44.2132	42.6498	35.6662
<b>6/5/2012</b>	33.5805	30.7045	25.591	41.7219	41.9599	37.6292	36.9618	38.3972	42.8123	43.6564	42.1126	35.217
<b>6/6/2012</b>	33.3533	30.4968	25.4179	41.4396	41.676	37.3746	36.7117	38.1374	42.5227	43.378	41.844	34.9924
<b>6/7/2012</b>	33.3987	30.5383	25.4525	41.496	41.7328	37.4255	36.7617	38.1894	42.5806	43.9905	42.4349	35.4865
<b>6/8/2012</b>	33.8531	30.9538	25.7988	42.0606	42.3006	37.9347	37.2619	38.709	43.1599	44.5473	42.972	35.9357
<b>6/11/2012</b>	33.3987	30.5383	25.4525	41.496	41.7328	37.4255	36.7617	38.1894	42.5806	43.9905	42.4349	35.4865
<b>6/12/2012</b>	33.3987	30.5383	25.4525	41.496	41.7328	37.4255	36.7617	38.1894	42.5806	43.9905	42.4349	35.4865
<b>6/13/2012</b>	33.3987	30.5383	25.4525	41.496	41.7328	37.4255	36.7617	38.1894	42.5806	43.9905	42.4349	35.4865
<b>6/14/2012</b>	34.3075	31.3693	26.1451	42.6252	42.8684	38.4439	37.7621	39.2286	43.7393	45.1042	43.5092	36.3849
<b>6/15/2012</b>	34.3075	31.3693	26.1451	42.6252	42.8684	38.4439	37.7621	39.2286	43.7393	44.8257	43.2406	36.1603
<b>6/18/2012</b>	34.0803	31.1616	25.9719	42.3429	42.5845	38.1893	37.512	38.9688	43.4496	44.5473	42.972	35.9357
<b>6/19/2012</b>	34.0803	31.1616	25.9719	42.3429	42.5845	38.1893	37.512	38.9688	43.4496	44.5473	42.972	35.9357
<b>6/20/2012</b>	34.3075	31.3693	26.1451	42.6252	42.8684	38.4439	37.7621	39.2286	43.7393	44.8257	43.2406	36.1603
<b>6/21/2012</b>	33.9894	31.0785	25.9027	42.23	42.471	38.0874	37.4119	38.8648	43.3337	44.8257	43.2406	36.1603
<b>6/22/2012</b>	34.5347	31.577	26.3182	42.9075	43.1523	38.6985	38.0121	39.4883	44.0289	45.4939	43.8852	36.6994
<b>6/25/2012</b>	34.7619	31.7848	26.4914	43.1898	43.4362	38.9531	38.2622	39.7481	44.3186	45.9394	44.3149	37.0587
<b>6/26/2012</b>	35.1709	32.1587	26.8031	43.6979	43.9472	39.4113	38.7124	40.2158	44.84	46.719	45.0669	37.6876
<b>6/27/2012</b>	34.8074	31.8263	26.526	43.2462	43.493	39.004	38.3122	39.8001	44.3765	46.8304	45.1744	37.7774
<b>6/28/2012</b>	35.2163	32.2003	26.8377	43.7543	44.004	39.4623	38.7624	40.2677	44.8979	47.3315	45.6578	38.1817
<b>6/29/2012</b>	34.9891	31.9925	26.6645	43.472	43.7201	39.2077	38.5123	40.0079	44.6083	47.0531	45.3892	37.9571
<b>7/2/2012</b>	35.2163	32.2003	26.8377	43.7543	44.004	39.4623	38.7624	40.2677	44.8979	47.3315	45.6578	38.1817
<b>7/3/2012</b>	35.0346	32.0341	26.6992	43.5285	43.7769	39.2586	38.5623	40.0599	44.6662	47.1088	45.4429	38.002
<b>7/5/2012</b>	35.6707	32.6158	27.184	44.3189	44.5718	39.9715	39.2625	40.7873	45.4773	47.8884	46.1949	38.6309
<b>7/6/2012</b>	34.9437	31.951	26.6299	43.4156	43.6633	39.1568	38.4623	39.956	44.5503	46.9974	45.3355	37.9122
<b>7/9/2012</b>	35.4435	32.408	27.0108	44.0366	44.2879	39.7169	39.0125	40.5275	45.1876	46.2178	44.5835	37.2833
<b>7/10/2012</b>	35.2163	32.2003	26.8377	43.7543	44.004	39.4623	38.7624	40.2677	44.8979	46.2178	44.5835	37.2833
<b>7/11/2012</b>	35.6253	32.5742	27.1493	44.2624	44.515	39.9205	39.2125	40.7353	45.4193	46.4406	44.7984	37.463
<b>7/12/2012</b>	35.8525	32.782	27.3225	44.5447	44.7989	40.1751	39.4626	40.9951	45.709	46.9974	45.3355	37.9122
<b>7/13/2012</b>	35.6253	32.5742	27.1493	44.2624	44.515	39.9205	39.2125	40.7353	45.4193	46.719	45.0669	37.6876
<b>7/16/2012</b>	35.08	32.0756	26.7338	43.585	43.8337	39.3095	38.6123	40.1118	44.7241	46.0508	44.4224	37.1485
<b>7/17/2012</b>	34.9891	31.9925	26.6645	43.472	43.7201	39.2077	38.5123	40.0079	44.6083	45.9394	44.3149	37.0587
<b>7/18/2012</b>	35.3981	32.3665	26.9762	43.9802	44.2311	39.6659	38.9624	40.4756	45.1297	46.4406	44.7984	37.463
<b>7/19/2012</b>	35.3981	32.3665	26.9762	43.9802	44.2311	39.6659	38.9624	40.4756	45.1297	46.4406	44.7984	37.463
<b>7/20/2012</b>	35.1254	32.1172	26.7684	43.6414	43.8904	39.3604	38.6623	40.1638	44.7821	46.1065	44.4761	37.1935
<b>7/23/2012</b>	35.2163	32.2003	26.8377	43.7543	44.004	39.4623	38.7624	40.2677	44.8979	46.2178	44.5835	37.2833
<b>7/24/2012</b>	35.6707	32.6158	27.184	44.3189	44.5718	39.9715	39.2625	40.7873	45.4773	46.7747	45.1206	37.7325
<b>7/25/2012</b>	34.9891	31.9925	26.6645	43.472	43.7201	39.2077	38.5123	40.0079	44.6083	46.2178	44.5835	37.2833
<b>7/26/2012</b>	35.6707	32.6158	27.184	44.3189	44.5718	39.9715	39.2625	40.7873	45.4773	46.7747	45.1206	37.7325
<b>7/27/2012</b>	35.6707	32.6158	27.184	44.3189	44.5718	39.9715	39.2625	40.7873	45.4773	46.7747	45.1206	37.7325
<b>7/30/2012</b>	35.6707	32.6158	27.184	44.3189	44.5718	39.9715	39.2625	40.7873	45.4773	46.7747	45.1206	37.7325
<b>7/31/2012</b>	34.1257	31.2031	26.0066	42.3994	42.6413	38.2402	37.562	39.0207	43.5075	44.8814	43.2943	36.2052
<b>8/1/2012</b>	34.2166	31.2862	26.0758	42.5123	42.7549	38.342	37.662	39.1246	43.6234	44.9928	43.4018	36.2951
<b>8/2/2012</b>	34.6256	31.6601	26.3875	43.0204	43.2659	38.8003	38.1122	39.5923	44.1448	45.7724	44.1538	36.924
<b>8/3/2012</b>	34.6256	31.6601	26.3875	43.0204	43.2659	38.8003	38.1122	39.5923	44.1448	45.7724	44.1538	36.924
<b>8/6/2012</b>	35.08	32.0756	26.7338	43.585	43.8337	39.3095	38.6123	40.1118	44.7241	46.6076	44.9595	37.5977
<b>8/7/2012</b>	34.5347	31.577	26.3182	42.9075	43.1523	38.6985	38.0121	39.4883	44.0289	45.3826	43.7778	36.6095
<b>8/8/2012</b>	34.3075	31.3693	26.1451	42.6252	42.8684	38.4439	37.7621	39.2286	43.7393	44.2689	42.7035	35.7111
<b>8/9/2012</b>	34.9891	31.9925	26.6645	43.472	43.7201	39.2077	38.5123	40.0079	44.6083	45.3826	43.7778	36.6095
<b>8/10/2012</b>	34.7619	31.7848	26.4914	43.1898	43.4362	38.9531	38.2622	39.7481	44.3186	45.1042	43.5092	36.3849

Mid-Columbia Heavy Load and Light Load Daily Forward Curves  
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Idaho Power/102  
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<b>MidC HL</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
<b>8/13/2012</b>	34.7619	31.7848	26.4914	43.1898	43.4362	38.9531	38.2622	39.7481	44.3186	45.1042	43.5092	36.3849
<b>8/14/2012</b>	35.4435	32.408	27.0108	44.0366	44.2879	39.7169	39.0125	40.5275	45.1876	45.9394	44.3149	37.0587
<b>8/15/2012</b>	34.7619	31.7848	26.4914	43.1898	43.4362	38.9531	38.2622	39.7481	44.3186	45.1042	43.5092	36.3849
<b>8/16/2012</b>	35.2163	32.2003	26.8377	43.7543	44.004	39.4623	38.7624	40.2677	44.8979	45.3826	43.7778	36.6095
<b>8/17/2012</b>	34.3984	31.4524	26.2144	42.7381	42.982	38.5457	37.8621	39.3325	43.8551	45.4939	43.8852	36.6994
<b>8/20/2012</b>	34.3984	31.4524	26.2144	42.7381	42.982	38.5457	37.8621	39.3325	43.8551	45.4939	43.8852	36.6994
<b>8/21/2012</b>	35.2163	32.2003	26.8377	43.7543	44.004	39.4623	38.7624	40.2677	44.8979	45.9394	44.3149	37.0587
<b>8/22/2012</b>	34.5347	31.577	26.3182	42.9075	43.1523	38.6985	38.0121	39.4883	44.0289	45.1042	43.5092	36.3849
<b>8/23/2012</b>	34.5347	31.577	26.3182	42.9075	43.1523	38.6985	38.0121	39.4883	44.0289	44.8257	43.2406	36.1603
<b>8/24/2012</b>	33.6259	30.7461	25.6257	41.7783	42.0167	37.6801	37.0118	38.4492	42.8703	43.7121	42.1663	35.2619
<b>8/27/2012</b>	33.8531	30.9538	25.7988	42.0606	42.3006	37.9347	37.2619	38.709	43.1599	45.1042	43.5092	36.3849
<b>8/28/2012</b>	33.8531	30.9538	25.7988	42.0606	42.3006	37.9347	37.2619	38.709	43.1599	44.5473	42.972	35.9357
<b>8/29/2012</b>	33.8531	30.9538	25.7988	42.0606	42.3006	37.9347	37.2619	38.709	43.1599	44.5473	42.972	35.9357
<b>8/30/2012</b>	33.8531	30.9538	25.7988	42.0606	42.3006	37.9347	37.2619	38.709	43.1599	44.5473	42.972	35.9357
<b>8/31/2012</b>	34.0803	31.1616	25.9719	42.3429	42.5845	38.1893	37.512	38.9688	43.4496	44.5473	42.972	35.9357
<b>9/4/2012</b>	33.6259	30.7461	25.6257	41.7783	42.0167	37.6801	37.0118	38.4492	42.8703	44.5473	42.972	35.9357
<b>9/5/2012</b>	33.6259	30.7461	25.6257	41.7783	42.0167	37.6801	37.0118	38.4492	42.8703	44.2689	42.7035	35.7111
<b>9/6/2012</b>	33.7168	30.8292	25.6949	41.8912	42.1303	37.7819	37.1119	38.5531	42.9861	44.3803	42.8109	35.801
<b>9/7/2012</b>	33.1715	30.3306	25.2794	41.2138	41.4489	37.1709	36.5117	37.9296	42.2909	43.7121	42.1663	35.2619
<b>9/10/2012</b>	33.8531	30.9538	25.7988	42.0606	42.3006	37.9347	37.2619	38.709	43.1599	44.5473	42.972	35.9357
<b>9/11/2012</b>	34.2166	31.2862	26.0758	42.5123	42.7549	38.342	37.662	39.1246	43.6234	44.7144	43.1332	36.0705
<b>9/12/2012</b>	34.5347	31.577	26.3182	42.9075	43.1523	38.6985	38.0121	39.4883	44.0289	44.8257	43.2406	36.1603
<b>9/13/2012</b>	34.5347	31.577	26.3182	42.9075	43.1523	38.6985	38.0121	39.4883	44.0289	44.8257	43.2406	36.1603
<b>9/14/2012</b>	34.5347	31.577	26.3182	42.9075	43.1523	38.6985	38.0121	39.4883	44.0289	44.8257	43.2406	36.1603
<b>9/17/2012</b>	34.671	31.7017	26.4221	43.0768	43.3226	38.8512	38.1622	39.6442	44.2027	44.9928	43.4018	36.2951
<b>9/18/2012</b>	34.7619	31.7848	26.4914	43.1898	43.4362	38.9531	38.2622	39.7481	44.3186	45.1042	43.5092	36.3849
<b>9/19/2012</b>	34.9891	31.9925	26.6645	43.472	43.7201	39.2077	38.5123	40.0079	44.6083	45.3826	43.7778	36.6095
<b>9/20/2012</b>	34.5347	31.577	26.3182	42.9075	43.1523	38.6985	38.0121	39.4883	44.0289	44.5473	42.972	35.9357
<b>9/21/2012</b>	34.5347	31.577	26.3182	42.9075	43.1523	38.6985	38.0121	39.4883	44.0289	44.5473	42.972	35.9357
<b>9/24/2012</b>	34.9891	31.9925	26.6645	43.472	43.7201	39.2077	38.5123	40.0079	44.6083	45.1042	43.5092	36.3849
<b>9/25/2012</b>	35.2163	32.2003	26.8377	43.7543	44.004	39.4623	38.7624	40.2677	44.8979	45.3826	43.7778	36.6095
<b>9/26/2012</b>	34.671	31.7017	26.4221	43.0768	43.3226	38.8512	38.1622	39.6442	44.2027	44.9371	43.3481	36.2502
<b>9/27/2012</b>	34.7619	31.7848	26.4914	43.1898	43.4362	38.9531	38.2622	39.7481	44.3186	45.2712	43.6703	36.5197
<b>9/28/2012</b>	35.08	32.0756	26.7338	43.585	43.8337	39.3095	38.6123	40.1118	44.7241	45.661	44.0463	36.8341
<b>Average HL</b>	32.83	29.86	25.88	41.96	44.84	42.12	40.56	42.44	46.72	44.41	42.35	36.59
<b>Max HL</b>	38.23	45.22	53.04	51.83	53.10	52.29	55.36	50.39	56.09	54.46	54.46	43.34
<b>Min HL</b>	22.91	22.76	20.95	34.07	39.75	35.64	35.01	36.37	40.55	35.72	34.74	29.79
<b>Spread</b>	15.32	22.46	32.09	17.77	13.36	16.65	20.35	14.02	15.54	18.74	19.72	13.55

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Idaho Power/102  
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MidC LL	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15
10/3/2011	23.0172	10.8081	5.13717	25.5524	34.7593	39.2293	41.2975	43.4325	47.4088	45.1004	45.1004	33.9695
10/4/2011	23.4869	10.8244	5.17393	24.44	35.1963	39.8937	41.0511	43.2296	47.287	45.6123	45.6123	34.4095
10/5/2011	23.5853	10.733	4.78542	24.4057	34.6601	39.3772	40.6077	42.7954	47.1433	45.2564	45.2564	34.6479
10/6/2011	23.5977	10.3885	4.40308	24.0793	34.3302	39.2149	41.1412	42.93	46.7552	45.0627	45.0627	33.6481
10/7/2011	24.0585	10.331	4.03334	23.917	34.4603	39.4843	41.8194	43.6592	47.5934	44.8621	44.8621	32.0125
10/10/2011	23.3108	9.92097	3.95451	23.1027	33.7174	39.8504	41.0714	42.8752	46.8714	44.124	44.124	31.7132
10/11/2011	22.8357	9.76706	3.92058	22.5605	33.0842	39.1645	40.3063	42.0946	46.0565	43.3327	43.3327	30.9652
10/12/2011	23.5736	9.44322	3.79108	22.4018	32.9479	39.0412	39.9786	41.7708	45.741	43.0115	43.0115	31.5625
10/13/2011	22.9552	10.4467	3.57387	22.7491	33.2645	39.3401	40.8246	42.1304	46.2954	42.4741	42.4741	31.5334
10/14/2011	22.8844	11.142	3.60279	22.9511	34.1598	40.4313	41.0317	42.2327	45.6086	42.7664	42.7664	32.1071
10/17/2011	22.8837	11.4752	4.73685	21.149	34.3589	39.8296	40.7636	42.2981	45.9008	42.0979	42.0979	31.6269
10/18/2011	23.35	11.5746	4.01432	21.8111	33.9879	39.2065	40.4108	41.8158	45.4287	41.9496	41.9496	30.754
10/19/2011	23.5999	12.2985	5.18532	23.7993	33.7046	38.9564	40.2195	41.549	45.1389	42.0144	42.0144	30.755
10/20/2011	23.6229	13.4801	4.7115	24.0156	35.009	38.6081	39.2625	41.1602	44.6938	41.4874	41.4874	31.0387
10/21/2011	4.84415	25.0632	37.1385	40.9998	41.772	43.808	47.5991	38.9978	31.9478	33.2404	27.2312	15.6694
10/24/2011	4.96369	24.393	36.5895	41.6241	41.7659	43.8932	48.1478	39.4338	33.0588	33.2586	27.8819	15.8996
10/25/2011	4.93068	25.1465	37.2619	42.263	42.1221	44.2352	48.0389	39.0331	32.8274	33.239	27.9545	16.0068
10/26/2011	4.50204	24.8684	37.4456	41.5903	42.3049	44.4487	48.3791	40.0772	33.2751	33.976	28.2094	15.7412
10/27/2011	3.49762	25.1258	37.6886	41.329	42.4711	44.7553	48.9667	40.6284	31.824	34.4823	27.0099	16.1125
10/28/2011	4.07375	25.7068	38.0685	41.6506	43.1958	45.3029	49.4469	40.6513	31.845	34.9571	27.3843	16.6754
10/31/2011	3.45863	26.2574	38.6802	42.28	43.6211	45.7387	49.9032	41.8084	31.8283	35.7223	27.195	16.0558
11/1/2011	24.1384	13.2727	2.26942	24.2072	36.3108	39.8181	41.8124	43.8755	47.933	41.6849	40.2604	33.138
11/2/2011	24.6306	12.9671	2.60714	24.3562	36.2941	39.9304	41.3025	43.498	47.4087	41.085	39.5135	32.6286
11/3/2011	24.3458	13.2241	2.23792	23.9389	35.7389	39.3331	41.1641	43.3342	47.1997	40.9332	39.3048	32.4949
11/4/2011	24.1425	13.0943	2.18238	24.0743	35.941	39.5556	41.0559	43.2383	47.1257	40.7181	39.6015	32.5298
11/7/2011	23.157	12.4639	2.86057	23.7018	35.5527	38.5495	40.7971	42.9766	46.8588	39.8953	38.5555	32.4521
11/8/2011	23.3533	12.5644	3.20938	24.3776	36.2591	39.2637	40.6976	42.8827	46.775	40.3437	38.6286	32.4391
11/9/2011	23.202	12.4247	2.95174	24.163	35.8327	38.9217	40.3633	42.4913	46.4727	39.617	37.6809	32.2447
11/10/2011	23.4123	12.2211	2.88363	24.1676	35.8394	38.929	40.3708	42.4992	46.4814	39.891	38.6115	32.2139
11/11/2011	23.2657	11.7352	2.4562	23.8797	35.4785	38.5487	39.9133	42.0283	45.9855	39.3469	37.9416	32.0988
11/14/2011	22.9504	12.0249	2.61112	21.7823	34.082	38.6171	39.9227	41.297	45.6947	38.0733	36.0616	30.8461
11/15/2011	22.8223	11.4452	2.45255	22.4136	33.995	37.4014	38.6276	40.3308	44.759	38.1545	36.7386	31.5967
11/16/2011	22.5906	10.9509	2.27283	21.5575	34.2991	38.156	39.258	40.5666	45.0434	37.5246	36.4034	31.2456
11/17/2011	22.9504	12.0249	2.61112	21.7823	34.082	38.6171	39.9227	41.297	45.6947	38.0733	36.0616	30.8461
11/18/2011	22.5731	11.3914	2.79543	22.2935	32.986	38.5769	39.9047	41.6519	45.6354	37.5708	35.6847	31.2336
11/21/2011	23.2541	12.1144	2.4368	21.792	33.976	38.5711	40.0332	41.913	45.8119	37.2654	35.6876	31.1797
11/22/2011	22.9639	10.9919	2.3804	21.2136	33.6057	39.6267	40.6068	42.0771	46.2078	36.6946	34.9757	30.94
11/23/2011	22.8086	11.5089	2.51104	21.4833	33.62	39.2001	39.6883	42.4784	46.5937	36.6323	34.5476	31.1971
11/25/2011	22.8086	11.5089	2.51104	21.4833	33.62	39.2001	39.6883	42.4784	46.5937	36.6323	34.5476	31.1971
11/28/2011	23.5456	12.6678	4.68158	21.6867	33.253	39.3115	39.3803	41.7211	45.0946	36.6719	33.6587	30.4986
11/29/2011	24.6967	13.5081	3.8887	22.4453	33.5657	39.5693	39.8422	42.4346	45.4364	37.3161	34.7702	31.3514
11/30/2011	24.1636	13.0321	3.59739	23.3491	33.0553	39.0283	39.3677	41.947	44.9335	37.0436	35.0099	31.6687
12/1/2011	24.692	12.6407	3.47129	23.4476	32.355	38.9701	38.9046	41.3935	44.6683	40.2146	34.2918	30.7997
12/2/2011	25.0472	13.7826	3.71069	23.7219	32.6011	39.2936	39.3599	41.8778	45.191	36.6084	34.2762	31.52
12/5/2011	25.7173	15.1936	4.66989	25.0595	32.0315	37.096	38.0826	40.7793	43.9364	36.4363	34.0539	31.3913
12/6/2011	25.6694	14.837	5.31769	25.6037	32.0375	38.0116	38.3399	41.0972	44.3141	37.1617	34.0359	30.9796
12/7/2011	25.1287	13.7308	3.93261	25.5286	33.0606	38.1263	39.1928	41.1924	44.3252	38.0967	34.8983	31.0602
12/8/2011	25.1459	13.692	3.75214	25.4092	32.716	37.4555	39.2329	40.8127	44.4332	38.5442	34.8232	31.1022
12/9/2011	25.2378	13.9132	4.20631	24.7201	31.6444	36.6272	37.339	39.4746	42.4513	37.3341	34.0846	30.4895
12/12/2011	25.5094	15.059	4.34893	24.9901	32.0652	36.2843	37.5825	39.4	42.8402	37.8392	34.5127	30.701
12/13/2011	25.6765	15.3047	4.49023	24.7911	31.6213	35.6689	37.0602	38.5148	42.1829	38.172	34.6039	31.6417
12/14/2011	25.6338	16.0744	6.02791	25.0249	30.2613	34.3408	35.2541	36.5328	40.186	37.1299	34.0196	31.298
12/15/2011	26.3762	16.8808	6.76473	25.7556	31.5894	35.3752	36.0579	37.237	41.1469	36.6329	34.2082	31.3903
12/16/2011	26.5198	16.7394	6.8337	25.642	32.9773	35.1716	35.7359	37.8675	41.5664	36.0102	33.8257	31.0455

Mid-Columbia Heavy Load and Light Load Daily Forward Curves  
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Idaho Power/102  
Wright/7

<b>MidC LL</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
<b>12/19/2011</b>	26.1583	16.5648	6.13984	25.8385	32.426	35.3041	36.3274	37.9902	41.0602	36.2466	34.4173	31.2331
<b>12/20/2011</b>	26.5296	16.2559	5.85212	26.3345	32.8369	36.0881	36.9334	38.624	41.9402	37.2162	35.0067	31.2091
<b>12/21/2011</b>	26.4804	15.382	4.86773	26.6103	33.3602	36.4106	38.163	38.4226	41.9923	36.9915	35.107	31.687
<b>12/22/2011</b>	26.574	16.2831	5.86191	26.3786	32.8918	36.1484	36.9951	38.6886	42.0103	37.3334	35.117	31.3074
<b>12/23/2011</b>	25.9543	15.5985	5.30737	26.2779	33.2034	36.2454	37.9283	38.6402	42.2	36.7663	34.4942	31.1205
<b>12/27/2011</b>	25.9543	15.5985	5.30737	26.2779	33.2034	36.2454	37.9283	38.6402	42.2	36.7663	34.4942	31.1205
<b>12/28/2011</b>	26.2908	15.695	6.02636	26.1584	32.847	36.5555	37.9462	38.9395	42.5156	35.891	34.8395	30.7037
<b>12/29/2011</b>	25.6748	15.4573	6.61518	26.1332	32.7484	36.4163	37.3987	38.3812	41.918	35.0347	34.0635	30.3172
<b>12/30/2011</b>	25.2014	15.2518	6.67673	25.7251	32.7945	36.2376	37.0493	38.5549	41.9587	36.2568	34.0037	30.2025
<b>1/3/2012</b>	26.1677	16.8267	8.70125	25.7838	32.5017	35.2912	36.3405	37.6841	41.011	35.0222	33.644	30.2661
<b>1/4/2012</b>	26.2617	16.6197	8.69046	26.008	32.6685	35.0537	36.2208	37.553	41.4224	33.8259	34.0939	30.8117
<b>1/5/2012</b>	25.8894	17.2174	9.36831	26.016	33.1689	34.4982	35.5742	36.6503	40.3217	33.6789	32.6356	30.5624
<b>1/6/2012</b>	25.9927	17.6379	10.8303	26.2402	32.6765	34.1618	35.5233	36.5754	40.3505	32.9246	32.4931	30.7278
<b>1/9/2012</b>	26.0272	17.2266	10.4233	26.4641	32.4559	34.2036	35.015	36.6377	39.8209	33.1679	32.551	30.5166
<b>1/10/2012</b>	25.2414	15.8551	8.62519	26.0024	32.1542	33.5495	35.135	36.9742	40.6526	34.4327	31.9856	30.0572
<b>1/11/2012</b>	24.5853	15.6158	8.58226	24.9725	31.7479	33.8128	35.297	36.2004	40.3302	34.3716	30.8136	29.3367
<b>1/12/2012</b>	23.8043	14.054	7.19509	25.3509	32.4788	33.8236	35.572	36.8496	41.1532	33.8102	31.1373	28.6184
<b>1/13/2012</b>	23.2343	13.7385	6.39784	24.4465	32.0566	33.1341	35.2892	36.434	40.7442	35.3505	31.8862	29.0581
<b>1/17/2012</b>	23.167	13.3656	6.57999	23.7154	31.0493	32.7628	34.3393	35.7787	39.9597	34.6181	31.0453	28.1641
<b>1/18/2012</b>	23.8312	13.6669	6.86777	23.8312	30.9736	32.7593	34.0641	35.5064	39.9017	35.2201	31.6189	28.5938
<b>1/19/2012</b>	23.183	13.4676	6.56627	23.183	30.0843	31.3573	33.0994	34.3724	38.7276	33.8377	30.8255	27.3066
<b>1/20/2012</b>	22.201	12.3565	5.49932	23.1515	30.4839	31.5702	33.7428	35.3722	39.4458	33.3798	30.5381	26.226
<b>1/23/2012</b>	22.8069	12.9752	6.28696	24.479	31.301	32.1036	34.9127	34.9796	40.5308	32.9172	30.0451	26.699
<b>1/24/2012</b>	22.8377	13.5557	6.67769	24.5071	31.4519	32.921	35.325	35.3917	40.9342	33.0718	31.2011	27.2923
<b>1/25/2012</b>	23.2496	13.5623	6.41369	25.0535	32.2021	33.2042	35.8766	36.8119	42.2903	33.2996	31.4714	27.7032
<b>1/26/2012</b>	22.7195	13.5251	6.26285	24.585	31.3809	32.0471	34.379	35.1119	41.0417	33.5118	31.0037	26.6144
<b>1/27/2012</b>	23.5361	15.2059	7.53685	24.5939	31.4036	32.263	34.6431	35.6348	41.2544	33.5827	31.4228	27.8694
<b>1/30/2012</b>	23.8865	15.9023	8.11613	24.8103	31.2108	32.0686	33.8502	36.5556	40.1848	33.4467	30.6838	28.0458
<b>1/31/2012</b>	23.5524	15.4986	7.58008	24.1615	30.9294	31.8093	33.3659	36.4791	40.2015	34.3148	31.0243	28.1327
<b>2/1/2012</b>	23.2631	15.1922	7.59611	24.0091	30.7914	31.6053	32.5548	35.4033	40.49	34.4029	30.847	27.9194
<b>2/2/2012</b>	24.0808	16.3883	8.49517	24.2815	31.305	32.0408	33.8469	36.857	41.4056	34.2317	31.7023	28.704
<b>2/3/2012</b>	24.0298	16.7193	8.4612	25.1129	32.4233	33.1002	33.9802	37.297	41.8999	34.7795	31.7909	29.5965
<b>2/6/2012</b>	23.7861	16.4935	8.31492	24.7403	33.7368	34.4865	34.7591	38.0987	42.7332	34.9922	31.9128	29.2691
<b>2/7/2012</b>	23.7359	16.5328	8.3693	24.6277	32.8598	33.4772	33.8888	37.2503	42.0523	35.0708	32.5959	28.8981
<b>2/8/2012</b>	22.9061	16.551	8.2406	24.5123	32.264	32.8926	33.6608	37.1525	42.7394	35.5879	32.7663	29.2504
<b>2/9/2012</b>	22.7386	15.7636	7.53305	24.9009	32.6432	33.6197	33.9685	37.3862	43.036	35.6585	32.7276	29.4564
<b>2/10/2012</b>	22.4792	16.0962	8.11748	25.0463	32.7475	33.4413	34.3432	37.7428	43.3626	35.4621	32.4444	29.2941
<b>2/13/2012</b>	22.2819	16.0151	7.52016	24.9279	32.657	33.3533	33.5622	36.9741	42.6142	35.6082	32.5781	29.5627
<b>2/14/2012</b>	23.3845	17.2497	7.72265	25.1888	33.4167	34.0663	35.0767	38.6133	44.4594	31.0619	33.9386	31.0619
<b>2/15/2012</b>	22.6915	16.8933	7.73084	23.9083	31.9971	32.9277	34.3593	37.6521	43.4502	30.1722	33.7138	30.1722
<b>2/16/2012</b>	22.9074	16.8942	8.08918	24.2675	32.4283	34.0748	34.6475	38.6563	43.882	30.5291	33.5213	30.5291
<b>2/17/2012</b>	23.4102	17.1863	8.27491	24.6125	32.4631	33.9483	34.5141	38.3333	43.4963	30.5375	33.0886	30.5375
<b>2/21/2012</b>	22.4435	16.0311	7.23104	22.7846	31.0389	32.8126	32.949	36.6327	41.4079	41.936	31.8685	29.0438
<b>2/22/2012</b>	22.4596	15.708	7.30282	22.8041	30.4514	32.5871	32.9316	36.2385	42.7146	42.6306	32.3875	29.5699
<b>2/23/2012</b>	22.0963	14.9865	6.27341	22.5146	30.3912	32.552	33.1097	36.3858	42.5895	43.1411	32.7159	29.924
<b>2/24/2012</b>	20.3583	13.6681	4.96369	22.3726	30.4296	31.0051	32.9474	37.1917	43.3783	43.704	34.3038	29.5193
<b>2/27/2012</b>	19.3659	13.0069	3.97434	21.1724	29.6992	31.3612	33.0232	36.853	42.8506	42.7929	34.5736	29.2225
<b>2/28/2012</b>	19.654	12.5405	3.81347	20.7541	29.4077	31.2411	32.9279	37.1813	42.9749	42.7979	35.0535	29.7861
<b>2/29/2012</b>	20.6856	12.9015	4.54074	21.046	29.2625	30.9923	32.8663	37.335	41.5874	42.6014	34.4509	29.8133
<b>3/1/2012</b>	19.4732	12.1888	4.18314	21.3484	29.2098	31.1572	32.4554	36.8549	41.3265	42.5115	34.5657	28.1658
<b>3/2/2012</b>	19.0187	12.3404	4.86355	21.6319	29.3991	31.5768	32.6656	36.9485	41.3765	42.7764	34.7811	27.2058
<b>3/5/2012</b>	18.1828	12.0007	4.50935	21.2376	29.238	30.9836	32.1473	36.4384	40.8023	42.2833	34.8877	26.509
<b>3/6/2012</b>	16.8505	11.3574	4.37965	21.3044	28.9502	31.2514	32.4391	36.8188	41.718	42.6034	35.6117	25.3391
<b>3/7/2012</b>	15.6902	10.5349	4.03463	20.9203	28.6907	30.708	31.1563	36.4611	41.5417	42.7013	35.8948	23.7426

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MidC LL	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15
3/8/2012	16.6121	11.5759	4.2094	20.4457	28.2631	29.992	31.4954	36.0806	41.192	42.2276	36.1075	24.4969
3/9/2012	15.7033	11.4812	4.14805	20.5921	28.3697	30.8141	31.6289	36.1473	41.1842	41.914	35.5673	27.0254
3/12/2012	15.0086	9.95547	3.54475	19.2322	28.0563	31.1485	31.6011	36.8051	40.9532	42.456	36.2334	27.3371
3/13/2012	15.1635	9.61589	3.69842	19.6016	27.2204	29.8832	30.8448	35.8007	40.4607	42.114	41.9556	27.1366
3/14/2012	14.399	9.10194	3.6557	18.7261	27.9027	30.8869	31.9314	36.4824	42.1524	43.2192	43.0588	27.3909
3/15/2012	15.1705	9.41618	4.33443	19.1313	27.8749	31.6115	32.8819	36.5438	42.0739	43.6488	43.4883	27.4891
3/16/2012	15.158	9.51949	4.46684	19.1854	27.6065	31.7805	33.1718	36.3205	41.8858	43.2526	43.0953	26.9581
3/19/2012	15.3408	8.88153	3.67005	18.5705	27.6722	32.2231	33.1039	37.0676	42.646	43.9619	43.8037	27.7371
3/20/2012	13.4818	8.0142	3.29556	18.2005	27.3382	31.8321	33.1054	37.2997	42.8423	44.5719	44.4104	26.7916
3/21/2012	10.931	6.52825	2.50503	17.1556	27.4794	32.4135	33.704	38.1068	43.7241	47.3138	45.7612	24.3188
3/22/2012	19.2929	11.9029	8.06693	28.5445	28.5445	28.5445	35.314	35.314	35.314	34.9319	33.7796	26.9267
3/23/2012	19.3346	11.9069	8.05134	28.69	28.69	28.69	35.4939	35.4939	35.4939	35.2181	34.0604	27.1752
3/26/2012	19.028	11.5649	7.69097	28.656	28.656	28.656	35.4354	35.4354	35.4354	35.2728	34.1093	27.1895
3/27/2012	18.7044	11.1651	7.25154	28.8335	28.8335	28.8335	35.7973	35.7973	35.7973	35.5002	34.3271	27.3506
3/28/2012	18.3931	10.7922	6.84665	28.8372	28.8372	28.8372	35.7999	35.7999	35.7999	35.7979	34.6046	27.5079
3/29/2012	18.3395	10.5896	6.56672	29.1065	29.1065	29.1065	35.969	35.969	35.969	35.79	34.5735	27.3387
3/30/2012	18.4732	10.7761	6.45379	29.2493	29.2493	29.2493	36.4728	36.4728	36.4728	35.8638	34.647	27.4102
4/2/2012	18.6264	11.0118	6.73595	29.4039	29.4039	29.4039	36.5499	36.5499	36.5499	35.9706	34.7674	27.6112
4/3/2012	18.6934	11.1464	6.90845	29.4915	29.4915	29.4915	36.5161	36.5161	36.5161	36.0218	34.8274	27.7236
4/4/2012	18.659	11.1259	6.89572	29.4372	29.4372	29.4372	36.4488	36.4488	36.4488	35.9605	34.7681	27.6764
4/5/2012	18.5126	11.0153	6.80527	29.4126	29.4126	29.4126	36.2179	36.2179	36.2179	35.9247	34.7376	27.6776
4/9/2012	18.4469	10.9421	7.04649	29.9046	29.9046	29.9046	36.1491	36.1491	36.1491	35.9817	34.8051	27.8069
4/10/2012	18.3912	11.0009	7.16467	30.1255	30.1255	30.1255	35.3156	35.3156	35.3156	34.8019	33.6439	26.7566
4/11/2012	17.9984	10.5133	6.62798	30.2259	30.2259	30.2259	35.4826	35.4826	35.4826	35.0627	33.8899	26.9143
4/12/2012	17.3493	9.99409	6.17613	29.9261	29.9261	29.9261	35.0916	35.0916	35.0916	34.5587	33.4006	26.5133
4/13/2012	17.1934	9.78443	5.93852	30.1451	30.1451	30.1451	35.4615	35.4615	35.4615	34.7959	33.6299	26.6953
4/16/2012	17.3358	9.86544	5.9877	30.2236	30.2236	30.2236	35.9832	35.9832	35.9832	35.0664	33.3469	26.3459
4/17/2012	17.4111	10.0057	6.16171	29.9606	29.9606	29.9606	35.7266	35.7266	35.7266	35.3204	33.6034	26.4903
4/18/2012	17.2162	9.79735	5.94637	29.7319	29.7319	29.7319	35.6216	35.6216	35.6216	35.2773	33.5565	26.4272
4/19/2012	24.0467	17.9643	7.25023	20.5487	27.5173	28.7058	30.1156	30.2124	34.1212	35.8536	34.0229	27.6505
4/20/2012	24.1862	18.0685	7.2923	20.6679	27.677	28.8723	30.2904	30.3878	34.3192	36.0449	34.2045	27.7981
4/23/2012	24.1862	18.0685	7.2923	20.6679	27.677	28.8723	30.2904	30.3878	34.3192	36.0449	34.2045	27.7981
4/24/2012	24.5583	18.3465	7.40449	20.9859	28.1028	29.3165	30.7564	30.8553	34.8472	36.5553	34.6888	28.1917
4/25/2012	24.3257	18.1728	7.33437	20.7871	27.8366	29.0389	30.4651	30.5631	34.5172	35.9174	34.0834	27.6997
4/26/2012	24.5583	18.3465	7.40449	20.9859	28.1028	29.3165	30.7564	30.8553	34.8472	36.3639	34.5072	28.0441
4/27/2012	24.6048	18.3813	7.41851	21.0256	28.156	29.372	30.8146	30.9137	34.9132	36.6829	34.8099	28.2901
4/30/2012	24.8839	18.5897	7.50266	21.2641	28.4753	29.7052	31.1641	31.2643	35.3091	36.8743	34.9915	28.4377
5/1/2012	24.8839	18.5897	7.50266	21.2641	28.4753	29.7052	31.1641	31.2643	35.3091	36.9381	35.0521	28.4869
5/2/2012	24.3257	18.1728	7.33437	20.7871	27.8366	29.0389	30.4651	30.5631	34.5172	36.1087	34.2651	27.8473
5/3/2012	24.7908	18.5203	7.47461	21.1846	28.3689	29.5941	31.0476	31.1475	35.1771	36.7467	34.8705	28.3393
5/4/2012	24.5583	18.3465	7.40449	20.9859	28.1028	29.3165	30.7564	30.8553	34.8472	36.4277	34.5678	28.0933
5/7/2012	24.6513	18.416	7.43254	21.0654	28.2092	29.4276	30.8729	30.9721	34.9792	36.7467	34.8705	28.3393
5/9/2012	25.0234	18.694	7.54473	21.3833	28.635	29.8718	31.3389	31.4396	35.5071	36.6829	34.8099	28.2901
5/10/2012	25.1164	18.7635	7.57277	21.4628	28.7415	29.9828	31.4554	31.5565	35.6391	37.0019	35.1126	28.5361
5/11/2012	25.1164	18.7635	7.57277	21.4628	28.7415	29.9828	31.4554	31.5565	35.6391	37.0019	35.1126	28.5361
5/14/2012	24.8374	18.555	7.48863	21.2244	28.4221	29.6497	31.1059	31.2059	35.2431	36.4915	34.6283	28.1425
5/15/2012	25.1629	18.7982	7.5868	21.5026	28.7947	30.0383	31.5136	31.615	35.7051	37.0019	35.1126	28.5361
5/16/2012	25.1164	18.7635	7.57277	21.4628	28.7415	29.9828	31.4554	31.5565	35.6391	37.1295	35.2337	28.6345
5/17/2012	25.349	18.9372	7.64289	21.6616	29.0076	30.2604	31.7466	31.8487	35.9691	37.3209	35.4153	28.7821
5/18/2012	25.2095	18.833	7.60082	21.5423	28.8479	30.0939	31.5719	31.6734	35.7711	37.1295	35.2337	28.6345
5/21/2012	25.0234	18.694	7.54473	21.3833	28.635	29.8718	31.3389	31.4396	35.5071	37.0657	35.1731	28.5853
5/22/2012	25.3025	18.9025	7.62887	21.6218	28.9544	30.2049	31.6884	31.7903	35.9031	37.4485	35.5364	28.8805
5/23/2012	25.442	19.0067	7.67094	21.7411	29.114	30.3715	31.8631	31.9656	36.1011	37.895	35.9602	29.2249
5/24/2012	25.349	18.9372	7.64289	21.6616	29.0076	30.2604	31.7466	31.8487	35.9691	37.6399	35.718	29.0281

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<b>MidC LL</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
<b>5/25/2012</b>	25.0699	18.7287	7.55875	21.4231	28.6882	29.9273	31.3971	31.4981	35.5731	37.2571	35.3548	28.7329
<b>5/29/2012</b>	24.9304	18.6245	7.51668	21.3038	28.5286	29.7607	31.2224	31.3228	35.3751	36.9381	35.0521	28.4869
<b>5/30/2012</b>	25.1164	18.7635	7.57277	21.4628	28.7415	29.9828	31.4554	31.5565	35.6391	37.0657	35.1731	28.5853
<b>5/31/2012</b>	25.3955	18.972	7.65692	21.7013	29.0608	30.3159	31.8049	31.9071	36.0351	37.5761	35.6575	28.9789
<b>6/1/2012</b>	25.0699	18.7287	7.55875	21.4231	28.6882	29.9273	31.3971	31.4981	35.5731	37.0657	35.1731	28.5853
<b>6/4/2012</b>	25.1629	18.7982	7.5868	21.5026	28.7947	30.0383	31.5136	31.615	35.7051	37.1933	35.2942	28.6837
<b>6/5/2012</b>	25.1629	18.7982	7.5868	21.5026	28.7947	30.0383	31.5136	31.615	35.7051	37.1933	35.2942	28.6837
<b>6/6/2012</b>	25.256	18.8677	7.61485	21.5821	28.9011	30.1494	31.6301	31.7318	35.8371	37.4485	35.5364	28.8805
<b>6/7/2012</b>	25.2095	18.833	7.60082	21.5423	28.8479	30.0939	31.5719	31.6734	35.7711	37.2571	35.3548	28.7329
<b>6/8/2012</b>	25.4885	19.0415	7.68496	21.7808	29.1673	30.427	31.9214	32.024	36.1671	37.6399	35.718	29.0281
<b>6/11/2012</b>	25.256	18.8677	7.61485	21.5821	28.9011	30.1494	31.6301	31.7318	35.8371	37.3209	35.4153	28.7821
<b>6/12/2012</b>	25.256	18.8677	7.61485	21.5821	28.9011	30.1494	31.6301	31.7318	35.8371	37.3209	35.4153	28.7821
<b>6/13/2012</b>	25.3025	18.9025	7.62887	21.6218	28.9544	30.2049	31.6884	31.7903	35.9031	37.3847	35.4758	28.8313
<b>6/14/2012</b>	25.7676	19.2499	7.76911	22.0193	29.4866	30.7601	32.2709	32.3747	36.5631	38.1502	36.2023	29.4217
<b>6/15/2012</b>	25.5816	19.111	7.71301	21.8603	29.2737	30.538	32.0379	32.1409	36.2991	37.895	35.9602	29.2249
<b>6/18/2012</b>	25.5816	19.111	7.71301	21.8603	29.2737	30.538	32.0379	32.1409	36.2991	37.7674	35.8391	29.1265
<b>6/19/2012</b>	25.5816	19.111	7.71301	21.8603	29.2737	30.538	32.0379	32.1409	36.2991	37.7674	35.8391	29.1265
<b>6/20/2012</b>	25.6746	19.1805	7.74106	21.9398	29.3802	30.6491	32.1544	32.2578	36.4311	37.895	35.9602	29.2249
<b>6/21/2012</b>	25.349	18.9372	7.64289	21.6616	29.0076	30.2604	31.7466	31.8487	35.9691	37.4485	35.5364	28.8805
<b>6/22/2012</b>	25.4885	19.0415	7.68496	21.7808	29.1673	30.427	31.9214	32.024	36.1671	37.6399	35.718	29.0281
<b>6/25/2012</b>	25.9071	19.3542	7.81118	22.1385	29.6463	30.9267	32.4456	32.55	36.7611	38.214	36.2628	29.4709
<b>6/26/2012</b>	25.9536	19.3889	7.8252	22.1783	29.6995	30.9822	32.5039	32.6084	36.8271	38.0864	36.1418	29.3725
<b>6/27/2012</b>	25.8141	19.2847	7.78313	22.059	29.5398	30.8157	32.3291	32.4331	36.6291	38.214	36.2628	29.4709
<b>6/28/2012</b>	26.0467	19.4584	7.85325	22.2578	29.806	31.0933	32.6204	32.7253	36.9591	38.533	36.5655	29.7169
<b>6/29/2012</b>	26.0002	19.4237	7.83922	22.218	29.7527	31.0378	32.5621	32.6668	36.8931	38.533	36.5655	29.7169
<b>7/2/2012</b>	26.1397	19.5279	7.88129	22.3372	29.9124	31.2043	32.7369	32.8422	37.0911	38.7244	36.7472	29.8645
<b>7/3/2012</b>	26.2792	19.6322	7.92337	22.4565	30.0721	31.3709	32.9116	33.0175	37.2891	38.9158	36.9288	30.0121
<b>7/5/2012</b>	26.2792	19.6322	7.92337	22.4565	30.0721	31.3709	32.9116	33.0175	37.2891	38.9158	36.9288	30.0121
<b>7/6/2012</b>	25.9071	19.3542	7.81118	22.1385	29.6463	30.9267	32.4456	32.55	36.7611	38.533	36.5655	29.7169
<b>7/9/2012</b>	26.2327	19.5974	7.90934	22.4167	30.0189	31.3154	32.8534	32.959	37.2231	38.9796	36.9893	30.0613
<b>7/10/2012</b>	26.0932	19.4932	7.86727	22.2975	29.8592	31.1488	32.6786	32.7837	37.0251	38.4054	36.4445	29.6185
<b>7/11/2012</b>	26.2792	19.6322	7.92337	22.4565	30.0721	31.3709	32.9116	33.0175	37.2891	38.7882	36.8077	29.9137
<b>7/12/2012</b>	26.2327	19.5974	7.90934	22.4167	30.0189	31.3154	32.8534	32.959	37.2231	38.852	36.8682	29.9629
<b>7/13/2012</b>	26.4188	19.7364	7.96544	22.5757	30.2318	31.5375	33.0864	33.1928	37.4871	39.171	37.1709	30.2089
<b>7/16/2012</b>	26.0467	19.4584	7.85325	22.2578	29.806	31.0933	32.6204	32.7253	36.9591	38.6606	36.6866	29.8153
<b>7/17/2012</b>	26.0467	19.4584	7.85325	22.2578	29.806	31.0933	32.6204	32.7253	36.9591	38.6606	36.6866	29.8153
<b>7/18/2012</b>	26.3723	19.7017	7.95141	22.536	30.1785	31.4819	33.0281	33.1343	37.4211	39.0434	37.0499	30.1105
<b>7/19/2012</b>	26.4188	19.7364	7.96544	22.5757	30.2318	31.5375	33.0864	33.1928	37.4871	39.1072	37.1104	30.1597
<b>7/20/2012</b>	26.5118	19.8059	7.99348	22.6552	30.3382	31.6485	33.2029	33.3097	37.6191	39.2348	37.2315	30.2581
<b>7/23/2012</b>	26.4653	19.7712	7.97946	22.6155	30.285	31.593	33.1447	33.2512	37.5531	39.171	37.1709	30.2089
<b>7/24/2012</b>	26.5583	19.8406	8.00751	22.695	30.3914	31.704	33.2612	33.3681	37.6851	39.2986	37.292	30.3073
<b>7/25/2012</b>	26.3723	19.7017	7.95141	22.536	30.1785	31.4819	33.0281	33.1343	37.4211	39.0434	37.0499	30.1105
<b>7/26/2012</b>	26.4188	19.7364	7.96544	22.5757	30.2318	31.5375	33.0864	33.1928	37.4871	38.9158	36.9288	30.0121
<b>7/27/2012</b>	26.7909	20.0144	8.07763	22.8937	30.6576	31.9817	33.5524	33.6603	38.0151	38.9796	36.9893	30.0613
<b>7/30/2012</b>	26.9769	20.1534	8.13372	23.0527	30.8705	32.2038	33.7854	33.894	38.2791	39.2348	37.2315	30.2581
<b>7/31/2012</b>	26.4188	19.7364	7.96544	22.5757	30.2318	31.5375	33.0864	33.1928	37.4871	39.171	37.1709	30.2089
<b>8/1/2012</b>	26.6513	19.9101	8.03555	22.7744	30.4979	31.8151	33.3777	33.485	37.8171	39.4899	37.4736	30.4549
<b>8/2/2012</b>	26.1397	19.5279	7.88129	22.3372	29.9124	31.2043	32.7369	32.8422	37.0911	38.7882	36.8077	29.9137
<b>8/3/2012</b>	26.3723	19.7017	7.95141	22.536	30.1785	31.4819	33.0281	33.1343	37.4211	38.9158	36.9288	30.0121
<b>8/6/2012</b>	26.1118	19.5071	7.87288	22.3134	29.8805	31.171	32.7019	32.8071	37.0515	38.2906	36.3355	29.53
<b>8/7/2012</b>	25.8699	19.3264	7.79996	22.1067	29.6037	30.8823	32.399	32.5032	36.7083	38.4054	36.4445	29.6185
<b>8/8/2012</b>	26.1118	19.5071	7.87288	22.3134	29.8805	31.171	32.7019	32.8071	37.0515	39.3496	37.3404	30.3467
<b>8/9/2012</b>	26.5769	19.8545	8.01312	22.7109	30.4127	31.7262	33.2845	33.3915	37.7115	40.6	38.527	31.311
<b>8/10/2012</b>	25.9723	19.4028	7.83081	22.1942	29.7208	31.0044	32.5272	32.6318	36.8535	39.6431	37.6189	30.573

Mid-Columbia Heavy Load and Light Load Daily Forward Curves  
April 2013 - March 2014

Idaho Power/102  
Wright/10

<b>MidC LL</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
<b>8/13/2012</b>	26.0095	19.4306	7.84203	22.226	29.7634	31.0489	32.5738	32.6785	36.9063	39.6941	37.6674	30.6124
<b>8/14/2012</b>	26.4374	19.7503	7.97105	22.5916	30.253	31.5597	33.1097	33.2162	37.5135	40.2555	38.2001	31.0453
<b>8/15/2012</b>	25.8792	19.3333	7.80276	22.1147	29.6143	30.8934	32.4107	32.5149	36.7215	39.5665	37.5463	30.514
<b>8/16/2012</b>	25.8327	19.2986	7.78874	22.0749	29.5611	30.8379	32.3524	32.4565	36.6555	39.3113	37.3041	30.3172
<b>8/17/2012</b>	25.7955	19.2708	7.77752	22.0431	29.5185	30.7935	32.3058	32.4097	36.6027	39.1965	37.1951	30.2286
<b>8/20/2012</b>	25.9071	19.3542	7.81118	22.1385	29.6463	30.9267	32.4456	32.55	36.7611	39.4389	37.4252	30.4156
<b>8/21/2012</b>	26.1583	19.5418	7.8869	22.3531	29.9337	31.2265	32.7602	32.8655	37.1175	39.7707	37.74	30.6714
<b>8/22/2012</b>	26.2048	19.5766	7.90093	22.3929	29.9869	31.2821	32.8184	32.924	37.1835	39.9365	37.8974	30.7993
<b>8/23/2012</b>	25.7862	19.2638	7.77471	22.0352	29.5079	30.7823	32.2942	32.398	36.5895	39.5665	37.5463	30.514
<b>8/24/2012</b>	25.135	18.7774	7.57838	21.4787	28.7627	30.005	31.4787	31.5799	35.6655	38.6478	36.6745	29.8055
<b>8/27/2012</b>	25.7955	19.2708	7.77752	22.0431	29.5185	30.7935	32.3058	32.4097	36.6027	38.0864	36.1418	29.3725
<b>8/28/2012</b>	26.2048	19.5766	7.90093	22.3929	29.9869	31.2821	32.8184	32.924	37.1835	39.0051	37.0135	30.081
<b>8/29/2012</b>	25.6281	19.1457	7.72703	21.9	29.3269	30.5936	32.0961	32.1993	36.3651	38.7244	36.7472	29.8645
<b>8/30/2012</b>	25.8141	19.2847	7.78313	22.059	29.5398	30.8157	32.3291	32.4331	36.6291	38.6223	36.6503	29.7858
<b>8/31/2012</b>	25.9816	19.4098	7.83361	22.2021	29.7314	31.0155	32.5388	32.6435	36.8667	38.9285	36.9409	30.022
<b>9/4/2012</b>	26.4374	19.7503	7.97105	22.5916	30.253	31.5597	33.1097	33.2162	37.5135	39.4389	37.4252	30.4156
<b>9/5/2012</b>	26.2606	19.6183	7.91776	22.4406	30.0508	31.3487	32.8883	32.9941	37.2627	39.2475	37.2436	30.268
<b>9/6/2012</b>	25.9629	19.3959	7.828	22.1862	29.7101	30.9933	32.5155	32.6201	36.8403	38.9158	36.9288	30.0121
<b>9/7/2012</b>	25.6002	19.1249	7.71862	21.8762	29.295	30.5603	32.0612	32.1643	36.3255	38.4054	36.4445	29.6185
<b>9/10/2012</b>	26.1118	19.5071	7.87288	22.3134	29.8805	31.171	32.7019	32.8071	37.0515	39.171	37.1709	30.2089
<b>9/11/2012</b>	26.5211	19.8128	7.99629	22.6632	30.3488	31.6596	33.2146	33.3213	37.6323	39.6813	37.6552	30.6025
<b>9/12/2012</b>	26.763	19.9935	8.06921	22.8698	30.6256	31.9483	33.5175	33.6252	37.9755	40.0258	37.9822	30.8682
<b>9/13/2012</b>	26.6606	19.9171	8.03836	22.7824	30.5085	31.8262	33.3893	33.4967	37.8303	39.4644	37.4494	30.4352
<b>9/14/2012</b>	26.9025	20.0978	8.11128	22.9891	30.7853	32.1149	33.6922	33.8005	38.1735	39.6813	37.6552	30.6025
<b>9/17/2012</b>	26.9862	20.1603	8.13653	23.0606	30.8811	32.2149	33.7971	33.9057	38.2923	40.1279	38.079	30.9469
<b>9/18/2012</b>	26.8746	20.0769	8.10287	22.9652	30.7534	32.0816	33.6573	33.7655	38.1339	40.0131	37.97	30.8584
<b>9/19/2012</b>	26.8746	20.0769	8.10287	22.9652	30.7534	32.0816	33.6573	33.7655	38.1339	40.0131	37.97	30.8584
<b>9/20/2012</b>	26.7723	20.0005	8.07202	22.8778	30.6363	31.9594	33.5291	33.6369	37.9887	38.9541	36.9651	30.0416
<b>9/21/2012</b>	26.9583	20.1395	8.12811	23.0368	30.8492	32.1815	33.7621	33.8707	38.2527	39.4262	37.4131	30.4057
<b>9/24/2012</b>	26.8002	20.0213	8.08043	22.9016	30.6682	31.9928	33.5641	33.672	38.0283	39.1072	37.1104	30.1597
<b>9/25/2012</b>	26.8932	20.0908	8.10848	22.9811	30.7746	32.1038	33.6806	33.7889	38.1603	39.4517	37.4373	30.4254
<b>9/26/2012</b>	27.2188	20.3341	8.20664	23.2593	31.1472	32.4925	34.0883	34.1979	38.6223	39.7579	37.7279	30.6616
<b>9/27/2012</b>	27.256	20.3619	8.21786	23.2911	31.1898	32.5369	34.1349	34.2447	38.6751	40.1917	38.1396	30.9961
<b>9/28/2012</b>	27.2188	20.3341	8.20664	23.2593	31.1472	32.4925	34.0883	34.1979	38.6223	40.0003	37.9579	30.8485
<b>Average LL</b>	23.28	16.21	7.42	23.82	31.08	33.11	34.92	35.79	39.39	38.02	35.75	29.19
<b>Max LL</b>	27.26	26.26	38.68	42.28	43.62	45.74	49.90	43.88	47.93	47.31	45.76	34.65
<b>Min LL</b>	3.46	6.53	2.18	17.16	27.22	28.54	30.12	30.21	31.82	30.17	27.01	15.67
<b>Spread</b>	23.80	19.73	36.50	25.12	16.40	17.19	19.79	13.66	16.11	17.14	18.75	18.98

Idaho Power/103  
Witness: Scott Wright

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**IDAHO POWER COMPANY**

Exhibit Accompanying Testimony of Scott Wright

Producer Price Index for Electric Power

October 24, 2012

**Mnemonic:** FXPPIFU4.US  
**Description:** PPI: Electric Power - Total, (Index 1982=100, NSA) for United States  
**Source:** U.S. Bureau of Labor Statistics (BLS); Moody's Analytics (ECCA) Forecast  
**Native Frequency:** QUARTERLY  
**Geography:** United States

2010 Q1	178.26669
2010 Q2	184.6333
2010 Q3	192.2
2010 Q4	182.39999
2011 Q1	184.03329
2011 Q2	188.1667
2011 Q3	195.39999
2011 Q4	187.9334
2012 Q1	185.8333
2012 Q2	188.60001
2012 Q3	193.6563
2012 Q4	184.5049
2013 Q1	184.2382
2013 Q2	187.94859
2013 Q3	194.5121
2013 Q4	186.8799
2014 Q1	187.6339
2014 Q2	192.1859
2014 Q3	199.3476
2014 Q4	191.7278
2015 Q1	192.6935
2015 Q2	197.4337
2015 Q3	204.57401
2015 Q4	196.61951
2016 Q1	197.44031
2016 Q2	202.2576
2016 Q3	209.7482
2016 Q4	201.6667
2017 Q1	202.51289
2017 Q2	207.4236
2017 Q3	214.95
2017 Q4	206.5249
2018 Q1	207.2379
2018 Q2	212.03461
2018 Q3	219.4762
2018 Q4	210.64709
2019 Q1	211.18401
2019 Q2	215.9306
2019 Q3	223.4024
2019 Q4	214.3327
2020 Q1	214.8069
2020 Q2	219.5677
2020 Q3	227.1069
2020 Q4	217.8438

Idaho Power/104  
Witness: Scott Wright

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**IDAHO POWER COMPANY**

Exhibit Accompanying Testimony of Scott Wright

**Idaho Power Company's Forward Price Curves Discounted for Inflation  
Used to Re-Price Purchased Power  
and Surplus Sales for the October Update**

October 24, 2012

**IDAHO POWER COMPANY**  
**MidC Forward Price Curves Discounted for Inflation**  
**Used to Re-Price Purchased Power and Surplus Sales for the October Update**

Line		Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15
1	<b>Forward Curve Prices</b>												
2	Relevant Quarter	2014 Q2	2014 Q2	2014 Q2	2014 Q3	2014 Q3	2014 Q3	2014 Q4	2014 Q4	2014 Q4	2015 Q1	2015 Q1	2015 Q1
3	Deflator	1.921859	1.921859	1.921859	1.993476	1.993476	1.993476	1.917278	1.917278	1.917278	1.926935	1.926935	1.926935
4	<b>Water Year</b>	<b>Apr-13</b>	<b>May-13</b>	<b>Jun-13</b>	<b>Jul-13</b>	<b>Aug-13</b>	<b>Sep-13</b>	<b>Oct-13</b>	<b>Nov-13</b>	<b>Dec-13</b>	<b>Jan-14</b>	<b>Feb-14</b>	<b>Mar-14</b>
5	Relevant Quarter	2013 Q2	2013 Q2	2013 Q2	2013 Q3	2013 Q3	2013 Q3	2013 Q4	2013 Q4	2013 Q4	2014 Q1	2014 Q1	2014 Q1
6	Inflator	1.8794859	1.8794859	1.8794859	1.945121	1.945121	1.945121	1.868799	1.868799	1.868799	1.876339	1.876339	1.876339
7	<b>Average Prices</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
8	MidC HL	32.83	29.86	25.88	41.96	44.84	42.12	40.56	42.44	46.72	44.41	42.35	36.59
9	MidC LL	23.28	16.21	7.42	23.82	31.08	33.11	34.92	35.79	39.39	38.02	35.75	29.19
10	<b>Inflation Adjusted</b>	<b>Apr-13</b>	<b>May-13</b>	<b>Jun-13</b>	<b>Jul-13</b>	<b>Aug-13</b>	<b>Sep-13</b>	<b>Oct-13</b>	<b>Nov-13</b>	<b>Dec-13</b>	<b>Jan-14</b>	<b>Feb-14</b>	<b>Mar-14</b>
11	MidC HL	32.11	29.20	25.31	40.94	43.75	41.09	39.53	41.37	45.54	43.25	41.24	35.63
12	MidC LL	22.77	15.85	7.26	23.24	30.33	32.31	34.04	34.89	38.39	37.02	34.82	28.43
13	<b>Difference</b>	<b>Apr-14</b>	<b>May-14</b>	<b>Jun-14</b>	<b>Jul-14</b>	<b>Aug-14</b>	<b>Sep-14</b>	<b>Oct-14</b>	<b>Nov-14</b>	<b>Dec-14</b>	<b>Jan-15</b>	<b>Feb-15</b>	<b>Mar-15</b>
14	MidC HL	0.72	0.66	0.57	1.02	1.09	1.02	1.03	1.07	1.18	1.17	1.11	0.96
15	MidC LL	0.51	0.36	0.16	0.58	0.75	0.80	0.88	0.90	1.00	1.00	0.94	0.77
16	<b>Reallocated Prices</b>	<b>Apr-13</b>	<b>May-13</b>	<b>Jun-13</b>	<b>Jul-13</b>	<b>Aug-13</b>	<b>Sep-13</b>	<b>Oct-13</b>	<b>Nov-13</b>	<b>Dec-13</b>	<b>Jan-14</b>	<b>Feb-14</b>	<b>Mar-14</b>
17	<b>HL Purchased Power</b>												
18	103.9%	33.36	30.34	26.29	42.54	45.46	42.70	41.07	42.98	47.32	44.93	42.85	37.02
19	<b>LL Purchased Power</b>												
20	107.1%	24.38	16.98	7.78	24.89	32.48	34.60	36.46	37.36	41.12	39.65	37.29	30.44
21	<b>HL Surplus Sales</b>												
22	96.4%	30.95	28.15	24.40	39.47	42.18	39.62	38.11	39.88	43.90	41.69	39.76	34.35
23	<b>LL Surplus Sales</b>												
24	93.4%	21.26	14.81	6.78	21.70	28.32	30.17	31.79	32.58	35.86	34.58	32.52	26.55

Idaho Power/105  
Witness: Scott Wright

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**IDAHO POWER COMPANY**

Exhibit Accompanying Testimony of Scott Wright

Idaho Power Company's Power Supply Costs for April 1, 2013 – March 31, 2014  
(Multiple Gas Prices – 84 Years of Hydro)

October 24, 2012

**IPCO POWER SUPPLY COSTS FOR APRIL 1, 2013 -- MARCH 31, 2014 (Multiple Gas Prices/84 Years of Hydro)**

Repriced Using UE195 Settlement Methodology - October Update

AVERAGE

	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>Annual</u>
Hydroelectric Generation (MWh)	854,685.3	951,495.4	895,492.0	668,812.4	502,598.6	535,604.0	549,191.3	463,973.3	671,876.1	755,385.7	825,760.5	836,195.1	8,511,069.7
<b>Bridge</b>													
Energy (MWh)	153,135.1	230,616.9	258,016.4	406,273.4	433,024.2	390,192.3	396,023.6	395,116.2	403,596.1	356,512.4	279,677.7	285,408.7	3,987,593.0
Cost (\$ x 1000)	\$ 3,665.7	\$ 5,496.3	\$ 6,052.5	\$ 9,100.9	\$ 9,644.1	\$ 8,746.9	\$ 8,892.8	\$ 8,846.9	\$ 9,046.6	\$ 8,396.2	\$ 6,691.7	\$ 6,819.6	91,400.2
<b>Boardman</b>													
Energy (MWh)	13,161.5	9,911.2	28,327.5	40,448.9	41,663.5	40,279.5	41,108.6	40,096.1	40,556.1	17,375.8	13,295.9	14,342.8	340,567.4
Cost (\$ x 1000)	\$ 303.5	\$ 221.3	\$ 618.2	\$ 847.1	\$ 869.6	\$ 840.8	\$ 859.3	\$ 837.4	\$ 849.1	\$ 562.6	\$ 447.8	\$ 484.6	7,741.3
<b>Valmy</b>													
Energy (MWh)	20,837.5	39,477.1	50,371.8	96,026.9	103,564.2	76,159.0	69,977.5	70,603.9	79,818.1	65,686.3	52,094.6	48,787.6	773,404.5
Cost (\$ x 1000)	\$ 795.0	\$ 1,502.5	\$ 1,914.3	\$ 3,444.6	\$ 3,677.5	\$ 2,811.3	\$ 2,638.9	\$ 2,644.7	\$ 2,944.9	\$ 2,630.0	\$ 2,098.9	\$ 1,966.8	29,069.4
<b>Langley Gulch</b>													
Energy (MWh)	93,365.2	88,346.0	88,307.4	135,292.5	140,509.7	114,482.5	117,118.2	114,734.9	122,923.8	107,142.1	78,329.3	81,480.9	1,282,032.3
Cost (\$ x 1000)	\$ 3,090.0	\$ 2,885.1	\$ 2,910.0	\$ 4,484.3	\$ 4,665.7	\$ 3,897.2	\$ 3,999.0	\$ 4,619.7	\$ 5,150.3	\$ 4,613.5	\$ 3,415.6	\$ 3,526.5	47,256.8
<b>Danskin</b>													
Energy (MWh)	-	-	-	-	1,766.5	1,093.7	7.7	-	-	1.7	-	-	2,869.6
Cost (\$ x 1000)	\$ -	\$ -	\$ -	\$ -	\$ 91.9	\$ 56.7	\$ 0.4	\$ -	\$ 0.1	\$ -	\$ -	\$ -	149.0
Fixed Capacity Charge - Gas Transportation (\$ x 1000)	\$ 466.9	\$ 478.2	\$ 476.2	\$ 498.4	\$ 499.8	\$ 484.4	\$ 481.3	\$ 738.2	\$ 759.6	\$ 760.8	\$ 714.1	\$ 760.8	7,118.5
Total Cost	\$ 466.9	\$ 478.2	\$ 476.2	\$ 590.2	\$ 556.4	\$ 484.8	\$ 481.3	\$ 738.2	\$ 759.8	\$ 760.8	\$ 714.1	\$ 760.8	7,267.6
<b>Bennett Mountain</b>													
Energy (MWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost (\$ x 1000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>Purchased Power (Excluding CSPP)</b>													
Market Energy (MWh)	476.9	2,549.2	32,875.0	141,870.2	140,062.6	35,491.8	5.6	47.4	15,098.2	14,475.9	82.0	171.9	383,206.7
Contract Energy (MWh)	46,687.5	46,823.3	43,472.0	46,370.2	44,592.7	40,051.4	45,541.0	51,536.6	53,680.7	39,954.2	44,964.2	46,915.5	550,589.3
Total Energy Excl. CSPP (MWh)	47,164.4	49,372.4	76,347.0	188,240.5	184,655.2	75,543.2	45,546.6	51,583.9	68,778.9	54,430.1	45,046.3	47,087.4	933,796.0
Market Cost (\$ x 1000)	\$ 14.4	\$ 65.2	\$ 646.8	\$ 5,140.0	\$ 5,717.3	\$ 1,412.7	\$ 0.2	\$ 1.9	\$ 680.9	\$ 623.1	\$ 3.4	\$ 6.0	14,311.8
Contract Cost (\$ x 1000)	\$ 2,457.1	\$ 2,479.5	\$ 3,162.3	\$ 4,021.0	\$ 3,899.7	\$ 2,966.7	\$ 3,304.8	\$ 4,352.3	\$ 4,526.8	\$ 2,710.6	\$ 3,310.0	\$ 2,565.9	39,756.4
Total Cost Excl. CSPP (\$ x 1000)	\$ 2,471.4	\$ 2,544.6	\$ 3,809.1	\$ 9,161.0	\$ 9,617.0	\$ 4,379.3	\$ 3,305.0	\$ 4,354.2	\$ 5,207.7	\$ 3,333.7	\$ 3,313.3	\$ 2,571.8	54,068.2
<b>Surplus Sales</b>													
Energy (MWh)	352,281.9	388,944.5	206,158.9	20,757.8	14,558.5	187,670.4	364,965.0	218,078.3	140,942.0	157,424.5	338,874.3	378,249.5	2,768,905.5
Revenue Including Transmission Costs (\$ x 1000)	\$ 9,630.4	\$ 9,012.0	\$ 3,674.9	\$ 681.8	\$ 538.8	\$ 6,773.8	\$ 13,048.9	\$ 8,103.4	\$ 5,764.6	\$ 6,145.3	\$ 12,557.9	\$ 11,891.6	87,823.2
Transmission Costs (\$ x 1000)	\$ 352.3	\$ 388.9	\$ 206.2	\$ 20.8	\$ 14.6	\$ 187.7	\$ 365.0	\$ 218.1	\$ 140.9	\$ 157.4	\$ 338.9	\$ 378.2	2,768.9
Revenue Excluding Transmission Costs (\$ x 1000)	\$ 9,278.1	\$ 8,623.0	\$ 3,468.7	\$ 661.0	\$ 524.3	\$ 6,586.1	\$ 12,683.9	\$ 7,885.4	\$ 5,623.6	\$ 5,987.9	\$ 12,219.0	\$ 11,513.3	85,054.3
<b>Hoku First Block Revenues</b>													
<b>Net Hedges</b>													
Energy (MWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost (\$ x 1000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>Net Power Supply Costs (\$ x 1000)</b>	\$ 1,514.5	\$ 4,504.9	\$ 12,311.4	\$ 26,967.1	\$ 28,506.1	\$ 14,574.2	\$ 7,492.5	\$ 14,155.8	\$ 18,334.7	\$ 14,308.8	\$ 4,462.4	\$ 4,616.8	\$ 151,749.1
<b>PURPA (\$ x 1000)</b>	\$ 12,999.1	\$ 16,447.8	\$ 18,671.1	\$ 19,540.3	\$ 17,298.6	\$ 15,531.1	\$ 14,549.6	\$ 15,353.0	\$ 12,310.6	\$ 12,486.1	\$ 11,409.8	\$ 10,804.5	177,401.5
<b>Total Net Power Supply Expense (\$ x 1000)</b>	\$ 14,513.6	\$ 20,952.7	\$ 30,982.6	\$ 46,507.4	\$ 45,804.6	\$ 30,105.3	\$ 22,042.1	\$ 29,508.8	\$ 30,645.3	\$ 26,794.9	\$ 15,872.2	\$ 15,421.3	\$ 329,150.6
<b>Sales at Customer Level (In 000s MWH)</b>	1,000,535	1,001,776	1,167,710	1,395,693	1,474,793	1,342,353	1,077,825	1,005,193	1,135,660	1,249,058	1,152,265	1,058,826	14,061,686
<b>Hours in Month</b>	720	744	720	744	744	720	744	720	744	744	672	744	8760
<b>Unit Cost / MWH (for PCAM)</b>	\$14.51	\$20.92	\$26.53	\$33.32	\$31.06	\$22.43	\$20.45	\$29.36	\$26.98	\$21.45	\$13.77	\$14.56	\$23.41

**Prices Used in Purchased Power & Surplus Sales Above:**

**Heavy Load**

Portion of Purchased Power considered HL P	<b>64.25%</b>	64.25%	64.25%	64.25%	64.25%	64.25%	64.25%	64.25%	64.25%	64.25%	64.25%	64.25%	64.25%
Purchased Power HL Price	33.36	30.34	26.29	42.54	45.46	42.70	41.07	42.98	47.32	44.93	42.85	37.02	

**Surplus Sales HL**

Portion of Surplus Sales considered HL Surpl	<b>62.70%</b>	62.70%	62.70%	62.70%	62.70%	62.70%	62.70%	62.70%	62.70%	62.70%	62.70%	62.70%	62.70%
Surplus Sales HL Price	30.95	28.15	24.40	39.47	42.18	39.62	38.11	39.88	43.90	41.69	39.76	34.35	

**Light Load**

Portion of Purchased Power considered LL P	<b>35.75%</b>	35.75%	35.75%	35.75%	35.75%	35.75%	35.75%	35.75%	35.75%	35.75%	35.75%	35.75%	35.75%
Purchased Power LL Price	24.38	16.98	7.78	24.89	32.48	34.60	36.46	37.36	41.12	39.65	37.29	30.44	

**Surplus Sales LL**

Portion of Surplus Sales considered LL Surpl	<b>37.30%</b>	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%	37.30%
Surplus Sales LL Price	21.26	14.81	6.78	21.70	28.32	30.17	31.79	32.58	35.86	34.58	32.52	26.55	

Idaho Power/106  
Witness: Scott Wright

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**IDAHO POWER COMPANY**

Exhibit Accompanying Testimony of Scott Wright  
Idaho Power Company's Rate Spread for October APCU Update

October 24, 2012

**Idaho Power Company**  
**Rate Spread Exhibit for October Update APCU**

General Rate Case (UE 233): Marginal Cost-of-Service Study and Stipulated Revenue Spread 2011 Test Period														
Line	Description	(A) TOTAL SYSTEM	(B) RESIDENTIAL	(C) GEN SRV (1)	(D) GEN SRV SECONDARY (7)	(E) GEN SRV PRIMARY (9-S)	(F) GEN SRV TRANS (9-P)	(G) AREA LIGHTING (15)	(H) LG POWER PRIMARY (19-P)	(I) LG POWER TRANS (19-T)	(J) IRRIGATION SECONDARY (24-S)	(K) UNMETERED GEN SERVICE (40)	(L) MUNICIPAL ST LIGHT (41)	(M) TRAFFIC CONTROL (42)
1	Normalized Sales (kWh)	650,158,581	198,842,419	17,842,896	114,256,218	15,099,088	2,832,509	483,936	179,189,047	74,155,867	46,649,265	12,900	778,108	16,328
2	Current Revenue	\$39,873,591	\$15,355,932	\$1,559,400	\$6,975,915	\$798,102	\$154,997	\$112,462	\$8,213,065	\$3,123,393	\$3,454,271	\$972	\$123,851	\$1,231
3	Demand Related Marginal Cost													
4	Generation - Staff Adj.	\$11,049,450	\$4,082,443	\$268,043	\$1,671,178	\$207,813	\$35,425	\$625	\$1,790,415	\$1,483,718	\$1,508,400	\$158	\$1,035	\$200
5	Transmission - Staff Adj.	\$12,432,118	\$4,593,297	\$301,584	\$1,880,300	\$233,817	\$39,858	\$703	\$2,014,458	\$1,669,382	\$1,697,153	\$177	\$1,165	\$225
6	Distribution	\$6,945,625	\$3,215,110	\$181,233	\$1,319,947	\$100,783	\$0	\$5,738	\$798,946	\$0	\$1,314,267	\$161	\$9,350	\$89
7	Energy Related Marginal Cost													
8	Generation	\$28,547,004	\$8,940,577	\$802,452	\$5,140,232	\$649,911	\$117,743	\$21,383	\$7,662,010	\$3,097,424	\$2,079,568	\$570	\$34,414	\$722
9	Transmission - Staff Adj.	\$4,144,040	\$1,297,863	\$116,488	\$746,184	\$94,345	\$17,092	\$3,104	\$1,112,259	\$449,639	\$301,881	\$83	\$4,996	\$105
10	Simple-Summed Energy-Related and Demand-Related Marginal Costs													
11	Generation Marginal Costs - Staff Adj.	\$39,596,454	\$13,023,020	\$1,070,495	\$6,811,410	\$857,724	\$153,168	\$22,008	\$9,452,425	\$4,581,142	\$3,587,968	\$728	\$35,449	\$922
12	Transmission Marginal Costs - Staff Adj.	\$16,576,157	\$5,891,160	\$418,072	\$2,626,484	\$328,162	\$56,950	\$3,807	\$3,126,717	\$2,119,021	\$1,999,034	\$260	\$6,160	\$330
13	Customer Related Marginal Cost													
14	Generation - Staff Adj.	\$2,805,903	\$1,967,110	\$385,570	\$177,410	\$6,719	\$1,390	\$0	\$15,208	\$2,535	\$246,967	\$228	\$1,892	\$873
15	Transmission	\$4,272,366	\$1,518,397	\$107,755	\$676,954	\$84,581	\$14,678	\$981	\$805,885	\$546,160	\$515,234	\$67	\$1,588	\$85
16	Distribution													
17	Demand-Related	\$8,930,530	\$4,133,917	\$233,025	\$1,697,158	\$129,585	\$0	\$7,378	\$1,027,267	\$0	\$1,689,855	\$207	\$12,022	\$114
18	Customer-Related													
19	Allocated	\$2,859,472	\$2,004,665	\$392,931	\$180,797	\$6,847	\$1,417	\$0	\$15,498	\$2,583	\$251,682	\$232	\$1,928	\$890
20	Direct Assignment	\$419,424	\$188,447	\$34,356	\$12,375	\$69	\$14	\$78,778	\$83	\$14	\$21,953	\$42	\$83,209	\$83
21	Total: Staff-Adjusted Allocation	\$41,684,482	\$16,134,429	\$1,449,425	\$6,902,669	\$767,013	\$113,599	\$101,145	\$7,865,094	\$3,464,601	\$4,762,425	\$1,011	\$121,310	\$1,759
22	Revenue Deficiency - Staff Adj. Allocation	\$1,810,890	\$778,497	(\$109,975)	(\$73,246)	(\$31,089)	(\$41,398)	(\$11,317)	(\$347,971)	(\$341,208)	\$1,308,154	\$39	(\$2,541)	\$528
23	% Increase Required by Staff Adj. Alloc. Approach	4.54%	5.07%	-7.05%	-1.05%	-3.90%	-26.71%	-10.06%	-4.24%	10.92%	37.87%	4.02%	-2.05%	42.91%
24	% Increase Recommended per Stipulation	\$1,810,890	\$862,348	\$44,153	\$197,517	\$22,598	\$0	\$0	\$232,545	\$212,777	\$235,318	\$44	\$3,507	\$84
25	% Increase Recommended per Stipulation	4.54%	5.62%	2.83%	2.83%	2.83%	0.00%	0.00%	2.83%	6.81%	6.81%	4.56%	2.83%	6.81%
26	Average Rate Given Stipulation (\$kWh)	0.0641	0.0816	0.0899	0.0628	0.0544	0.0547	0.2324	0.0471	0.0450	0.0791	0.0788	0.1637	0.0805
27	Final Revenue Allocation	\$41,684,481	\$16,218,280	\$1,603,553	\$7,173,432	\$820,700	\$154,997	\$112,462	\$8,445,610	\$3,336,170	\$3,689,589	\$1,016	\$127,358	\$1,315
28	Spread Floors and Ceilings:													
29	No increase for those warranting a decrease greater than 8%													
30	2.83% increase for those warranting a decrease less than 8%													
31	No increase greater than one-and-one-half times the average increase													
32	<b>2012 October Update APCU (UE 242): Baseline Revenue Requirement Spread and Rates Development Employing the UE 233 Test Period Figures</b>													
33	2012 October Update APCU Cost of Service (UE 242)	\$1,298,993	\$427,230	\$35,118	\$223,454	\$28,138	\$5,025	\$722	\$310,094	\$150,288	\$117,706	\$24	\$1,163	\$30
34	<b>2013 October Update APCU: Baseline Revenue Requirement Spread and Rates Development Employing the UE 233 Test Period Figures</b>													
35	2013 October Update APCU Cost of Service (Allocator -- Line 14)	\$2,593,862	\$853,105	\$70,125	\$446,198	\$56,187	\$10,034	\$1,442	\$619,204	\$300,099	\$235,039	\$48	\$2,322	\$60
36	% Increase Required Due to APCU (Proposed) (Line 43/(Line 36))	6.22%	5.26%	4.37%	6.22%	6.85%	6.47%	1.28%	7.33%	9.00%	6.37%	4.69%	1.82%	4.59%
37	Proposed Combined Revenue Spread (Line 36 + Line 42 + Line 43)	\$45,577,335	\$17,498,615	\$1,708,797	\$7,843,083	\$905,025	\$170,055	\$114,626	\$9,374,909	\$3,786,557	\$4,042,333	\$1,088	\$130,843	\$1,406
38	Loss-Adjusted 2011 Normalized Sales (kWh)	650,158,581	198,842,419	17,842,896	114,256,218	15,099,088	2,832,509	483,936	179,189,047	74,155,867	46,649,265	12,900	778,108	16,328
39	2013 October Update APCU Incremental Rate given 2011 Test Period Sales (Mills per kWh) (1000*/Line 43/Line 46))	3.990	4.290	3.930	3.905	3.721	3.542	2.979	3.456	4.047	5.038	3.694	2.984	3.699
40	APCU Incremental Rate for 2013 October Update (Mills per kWh) (Line 47/(Column A:Line 46/Line 49))	<b>3.940</b>	<b>4.518</b>	<b>3.782</b>	<b>3.855</b>	<b>3.734</b>	<b>3.592</b>	<b>2.999</b>	<b>3.473</b>	<b>3.712</b>	<b>4.128</b>	<b>3.694</b>	<b>2.977</b>	<b>3.695</b>
41	Loss-Adjusted 2013-2014 Normalized Sales (kWh)	658,340,684	188,841,889	18,540,455	115,757,333	15,048,876	2,793,636	480,698	178,282,611	80,849,225	56,936,611	12,900	780,105	16,345
42	Projected October Update APCU 2013-2014 Revenues (Line 48 * Line 49)	\$2,593,862	\$853,105	\$70,125	\$446,198	\$56,187	\$10,034	\$1,442	\$619,204	\$300,099	\$235,039	\$48	\$2,322	\$60

Notes:

- 1 2013 October Update APCU Revenues = \$3.94/MWh x 658,340,684 MW's =
- 2 \$3.94 = \$23.41 (2013 October APCU Rate) - \$19.47 (2012 October APCU Rate)

Idaho Power/107  
Witness: Scott Wright

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**IDAHO POWER COMPANY**

Exhibit Accompanying Testimony of Scott Wright

Idaho Power Company's Current Billed Revenue to  
Proposed Billed Revenue

October 24, 2012

**Idaho Power Company**  
**Calculation of Revenue Impact**  
**State of Oregon**  
**2013 APCU October Update Filing**  
**Effective June 1, 2013**

Line <u>No.</u>	<u>Tariff Description</u>	Rate <u>Sch. No.</u>	Average Number of <u>Customers</u> <sup>(2)</sup>	Summary of Revenue Impact					Percent Change <u>Billed to Billed Revenue</u>	
				Normalized Energy (kWh) <sup>(2)</sup>	Current Billed <u>Revenue</u>	Mills Per kWh	Total Adjustments to Billed <u>Revenue</u>	Proposed Total Billed <u>Revenue</u>		
<b><u>Uniform Tariff Rates:</u></b>										
1	Residential Service	1	13,545	188,841,889	\$17,957,474	95.09	\$853,169	\$18,810,643	99.61	4.75%
2	Small General Service	7	2,515	18,540,455	\$1,881,785	101.50	\$70,121	\$1,951,905	105.28	3.73%
3	Large General Service	9	910	133,599,846	\$9,835,130	73.62	\$511,170	\$10,346,300	77.44	5.20%
4	Dusk to Dawn Lighting	15	0	480,698	\$116,689	242.75	\$1,422	\$118,111	245.71	1.22%
5	Large Power Service	19	7	259,131,836	\$15,087,034	58.22	\$918,385	\$16,005,420	61.77	6.09%
6	Agricultural Irrigation Service	24	1,587	56,936,611	\$5,124,088	90.00	\$235,019	\$5,359,108	94.12	4.59%
7	Unmetered General Service	40	3	12,900	\$1,165	90.29	\$48	\$1,212	93.99	4.10%
8	Street Lighting	41	14	780,105	\$135,637	173.87	\$2,329	\$137,966	176.86	1.72%
9	Traffic Control Lighting	42	7	16,345	\$1,506	92.14	\$60	\$1,566	95.84	4.01%
10	Total Uniform Tariffs		18,588	658,340,685	\$50,140,507	76.16	\$2,591,724	\$52,732,231	80.10	5.17%
11	Total Oregon Retail Sales		18,588	658,340,685	\$50,140,507	76.16	\$2,591,724	\$52,732,231	80.10	5.17%

(1) Current Billed to Proposed Bill Revenues reflect the October Update and the current March Forecast (unchanged)

(2) April 1, 2013 - March 31, 2014 APCU Forecasted Test Year