RECEIVED DAVID J. MEYER VICE PRESIDENT, GENERAL COUNSEL, REGULATORY200 APR - 3 PM 12:55 GOVERNMENTAL AFFAIRS UTILITIES COMMISSION AVISTA CORPORATION P.O. BOX 3727 1411 EAST MISSION AVENUE SPOKANE, WASHINGTON 99220-3727 TELEPHONE: (509) 495-4316 FACSIMILE: (509) 495-8851

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

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IN THE MATTER OF THE APPLICATION) CASE NO. AVU-E-08-01 OF AVISTA CORPORATION FOR THE AUTHORITY TO INCREASE ITS RATES AND CHARGES FOR ELECTRIC AND NATURAL GAS SERVICE TO ELECTRIC AND NATURAL GAS CUSTOMERS IN THE STATE OF IDAHO

DIRECT TESTIMONY OF CLINT G. KALICH

FOR AVISTA CORPORATION

(ELECTRIC ONLY)

2 your name, the name of your state ο. Please 3 employer, and your business address.

I. INTRODUCTION

1

7

My name is Clint Kalich. I am employed by Avista 4 Α. 5 Corporation 1411 East Mission Avenue, Spokane, at 6 Washington.

In what capacity are you employed? 0. I am the Manager of Resource Planning & Power 8 Α. Supply Analyses, in the Energy Resources Department of 9 Avista Utilities. 10

Please state your educational background and 11 Q. professional experience. 12

I graduated from Central Washington University in 13 Α. Bachelor of Science Degree in Business 1991 with a 14 Shortly after graduation, I accepted an analyst Economics. 15 position with Economic and Engineering Services, Inc. (now 16 EES Consulting, Inc.), a Northwest management-consulting 17 firm located in Bellevue, Washington. While employed by 18 EES, I worked primarily for municipalities, public utility 19 districts, and cooperatives in the area of electric utility 20 My specific areas of focus were economic 21 management. analyses of new resource development, rate case proceedings 22 involving the Bonneville Power Administration, integrated 23 (least-cost) resource planning, and demand-side management 24 program development. In late 1995, I left Economic and 25

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1 Engineering Services, Inc. to join Tacoma Power in Tacoma, I provided key analytical and policy support 2 Washington. in the areas of resource development, procurement, and 3 optimization, hydroelectric operations and re-licensing, 4 unbundled power supply rate-making, contract negotiations, 5 and system operations. I helped develop, and ultimately 6 managed, Tacoma Power's industrial market access program 7 serving one-quarter of the company's retail load. In mid-8 9 2000 I joined Avista Utilities as a Senior Power Resource 10 Analyst.

In 2001, I accepted my current position, assisting the 11 Company in resource analysis, dispatch modeling, resource 12 procurement, integrated resource planning, and rate case 13 Much of my career has involved resource 14 proceedings. nature described this in 15 dispatch modeling of the 16 testimony.

Q. What is the scope of your testimony in this
proceeding?

My testimony will describe the Company's use of 19 Α. the AURORA_{xwp} dispatch model, hereinafter referred to as the 20 I will explain the key assumptions "Dispatch Model." 21 driving the Dispatch Model's market forecast of electricity 22 The discussion includes the variables of natural 23 prices. resources, and loads and 24 Western Interconnect qas, hydroelectric conditions. I will describe how the model 25

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1 dispatches our resources and contracts in a manner that 2 maximizes benefits to customers and tracks their values for 3 use in pro forma calculations. Finally, I will present the 4 modeling results provided to Company Witness Mr. Johnson 5 for his power supply pro forma adjustment calculations.

6 Q. Are you sponsoring any exhibits in this 7 proceeding?

I am sponsoring Exhibit No. 5, Schedules 1 8 Yes. Α. Schedule 1 provides a forecast of Company load and 9 and 2. resource positions from 2009 through 2018. Schedule 2 10 provides summary output from the AURORA_{xm} dispatch model. 11 All information contained in the exhibit was prepared under 12 my direction. 13

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- 15

II. THE DISPATCH MODEL

16 Q. What model is the Company using to dispatch its 17 portfolio of resources and obligations?

The Company uses EPIS, Inc.'s AURORA_{XMP} system 18 Α. dispatch model ("Dispatch Model") for determining power 19 The model optimizes dispatch of Companysupply costs. 20 owned resources and contracts in each hour of the pro forma 21 The pro forma period is January 1, 2009 through 22 vear. It reflects true system operations by December 31, 2009. 23 evaluating future resource decisions on an hourly basis. 24

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Q. What AURORA version and database is the Company
 using for this case?

A. The Company is using AURORA_{XMP} version 9.0., 4 released in November 2007, and the latest available 5 database for it (North_American_DB_2007-02).

6

Q. Please briefly describe the Dispatch Model.

The AURORA electric market model was developed 7 Α. of Sandpoint, Idaho. AURORA is a 8 EPIS, Inc. bv fundamentals-based tool containing demand and resource data 9 for the entire Western Interconnect. It employs multi-area, 10 transmission-constrained dispatch logic to simulate real 11 market conditions. Its true economic dispatch captures the 12 dynamics and economics of electricity markets. On an 13 hourly basis the Dispatch Model develops an available 14 resource stack, sorting resources from lowest to highest 15 It then compares this resource stack with load 16 cost. obligations in the same hour to arrive at the least-cost 17 market-clearing price for the hour. Once resources are 18 dispatched and market prices are determined, the Dispatch 19 Model singles out Avista resources and loads and values 20 them against the marketplace. 21

Q. What experience does the Company have using
AURORA_{xe}?

A. The Company purchased a license to use $AURORA_{xmp}$ 25 in April 2002. $AURORA_{xmp}$ has been used for numerous

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studies, including the Company's 2003, 2005, and 2007 Integrated Resource Plans ("IRPs"), our 2004 general rate case filing in this state, and our 2005, 2007, and 2008 general rate case filings before the Washington Utilities and Transportation Commission ("WUTC"). The tool is also used for various resource evaluations, including requests for proposals.

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Q. Who else uses AURORA me?

AURORA_{MP} is used all across North America. In 9 Α. is used by the Northwest specifically, AURORA 10 the Bonneville Power Administration, the Northwest Power and 11 Conservation Council, Puget Sound Energy, Idaho Power, 12 Portland General Electric, Seattle City Light, Grant County 13 PUD, and Tacoma Power, among others. 14

Q. What benefits does the Dispatch Model offer for
this type of analysis?

The Dispatch Model generates hourly electricity 17 Α. prices across the Western Interconnect, accounting for its 18 specific mix of resources and loads. The Dispatch Model 19 reflects the impact of regions outside the Northwest on 20 by known Northwest market prices, limited transfer 21 the Dispatch (transmission) capabilities. Ultimately, 22 Model allows the Company to generate price forecasts in-23 house instead of relying on exogenous forecasts. 24

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The Company owns a number of resources, including 1 hydroelectric plants and natural gas-fired peaking units, 2 which serve customer loads during more valuable on-peak 3 By optimizing resource operation on an hourly 4 hours. basis, the Dispatch Model is able to appropriately value 5 the capabilities of these assets. For example, actual 2006 6 on-peak prices were 31.9% higher than off-peak prices. In 7 2007 the difference was 29.9%. For comparison, Dispatch 8 Model on-peak prices for the pro forma period average 30% 9 In summary, the Dispatch higher than off-peak prices. 10 appropriately values the energy from Avista's 11 Model resources during on-peak periods in a manner similar to 12 that recently experienced in the Northwest region. 13

Q. On a broader scale, what calculations are being
performed by the Dispatch Model?

The Dispatch Model's goal is to minimize overall 16 Α. system operating costs across the Western Interconnect, 17 including Avista's portfolio of loads and resources. The 18 dispatch model generates a wholesale electric market price 19 forecast by evaluating all Western Interconnect resources 20 simultaneously in a least-cost equation to meet regional 21 As the Dispatch Model progresses from hour to hour, 22 loads. it "operates" those least-cost resources necessary to meet 23 the Company's portfolio, the With respect to 24 load. Dispatch Model tracks the hourly output and fuel costs 25

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associated with portfolio generation. It also calculates 1 hourly energy quantities and values for the Company's 2 In every hour the 3 contractual rights and obligations. Company's loads and obligations are compared to determine a 4 This net position is balanced using the 5 net position. simulated wholesale electricity market. The cost of energy 6 purchased from or sold into the market is determined based 7 on the electric market-clearing price for the specified 8 9 hour and the amount of energy necessary to balance loads 10 and resources.

11 Q. How does the Dispatch Model determine electric 12 market prices, and how are prices used to calculate market 13 purchases and sales?

The Dispatch Model calculates electricity prices 14 Α. for the entire Western Interconnect, separated into various 15 geographical areas such as the Northwest and Northern and 16 Southern California. The load in each area is compared to 17 available resources, including resources available from 18 other areas that are linked by transmission corridors, to 19 determine the electricity price in each hour. Ultimately, 20 the market price for an hour is set based on the last 21 resource in the stack to be dispatched. This resource is 22 "marginal resource." Given the the 23 referred to as prominence of natural gas-fired resources on the margin, 24

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1 this fuel is a key variable in the determination of 2 wholesale electricity prices.

Q. How does the Dispatch Model operate regional
4 hydroelectric projects?

The model begins by "peak shaving" loads using 5 Α. system hydro resources. When peak shaving, the Dispatch 6 Model determines which hours contain the highest loads and 7 allocates to them as much hydroelectric energy as possible. 8 with other available met 9 Remaining loads are then 10 resources.

11 Q. Has the Company made any modifications to the 12 database for this case?

A. Yes. Avista's portfolio of resources is modified to reflect actual operating characteristics, natural gas prices are modified to match projected forward prices over the pro-forma period, regional resources are modified where better information is known, and northwest hydro data is replaced with Northwest Power Pool data.

19 Q. Please describe your update to pro forma period
20 natural gas prices.

A. Natural gas prices for this filing are based on a 3-month average of 2009 monthly forwards from October 1, 2007 to December 31, 2007. This method is consistent with our present case before the WUTC. Prices are fitted to a daily shape based on daily spot market prices at AECO

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between January 2003 and December 2007. Daily and monthly
 gas price shapes at AECO are shown in Chart No. 1. Other
 basins retain the same daily shape.



4 Chart No. 1 - Daily Natural Gas Price Shape at AECO

6 Natural gas prices are modified to ensure prices 7 across the Western Interconnect are consistent with changes 8 made to the Northwest. Annual average natural gas prices 9 at the various trading hubs are presented below in Table 10 No. 1.

Basin

Henry Hub

Stanfield

Sumas

Topock

11

5

12

13

- 14
- 15

16

Table No. 1 - Pro Forma Natural Gas Prices

7.55

7.99

8.28

7.02

Price (\$/dth)

Basin

AECO

Malin

Spokane

Rockies

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Price

(\$/dth)

7.92

8.15

8.36

7.97

Q. What hydro record is the Company using in this
 2 filing?

the 50-year The Company bases this case on 3 Α. As with natural hydrological record beginning in 1929. 4 gas, this method is consistent with our present case before 5 The Dispatch Model is run one time for each 6 the WUTC. hydroelectric year, with the average of all 50 being used 7 to set power supply expenses. 8

9 Data is sourced from the Northwest Power Pool's (NWPP) 10 2006-07 Headwater Benefits Study. This study is the latest 11 available.

12 Q. How does Coyote Springs 2 dispatch relate to 13 historical dispatch?

Coyote Springs 2 was modified from the default 14 Α. actual plant simulate accurately 15 database to more Chart No. 2 shows actual Coyote Springs 2 operations. 16 dispatch for calendar year 2007. 17

18 Chart No. 2 - CS2 Dispatch (Calendar Year 2007 Actual)



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Chart No. 3 shows Coyote Springs 2 during the 2009 pro
 forma period prior to modifying database assumptions.

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6

300 250 200 Megawatts 150 100 50 0 2 3 5 6 7 8 9 10 11 12 1 4 Month

4 Chart No. 3 - CS2 Dispatch (2009 Pro Forma with AURORA_{xmp}
 5 default logic)

7 The Dispatch Model using EPIS' default database starts and shuts down Coyote Springs 2 nearly every day (269 starts), 8 and the plant generates 121 aMW. This operational pattern 9 is not realistic and is beyond the operational capability 10 of Coyote Springs 2. To resolve this modeling challenge, 11 the Company modified the start-up cost, start-up fuel, 12 minimum up and minimum down times for the plant. This same 13 all Western Interconnect 14 methodology tested for was combined cycle plants, but such modification had an adverse 15 effect on the overall on/off peak price spread, resulting 16 in a much higher differential than witnessed historically 17

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or that is present in the forward markets. Avista continues
 to work with EPIS, the developer of AURORA_{xmp}, to address
 our concerns with overall CCCT plant dispatch across the
 Western Interconnect.

Start-up costs were identified as a key driver to the 5 incorrect dispatch behavior of Coyote Springs 2. The EPIS 6 default start-up cost for Coyote Springs 2 is \$12.61 per MW 7 Based on our experience, this start-up cost, or \$3,429. 8 cost is low by orders of magnitude. Based on Company 9 10 experience each cold start at Coyote Springs 2 includes 1,891 decatherms of fuel and \$10,000 of estimated O&M 11 Assuming the average annual Stanfield natural gas 12 costs. price of \$7.92 per decatherm, the start up costs is 13 estimated to be \$24,977 (1,891 x \$7.92 + \$10,000). 14

The second modification made by the Company was to change the minimum up and minimum down times from 16 hours and 8 hours respectively, to 20 hours up an 20 hours down. Minimum up time, not only indicates how long the unit must stay on-line, but also is used to allocate start-up costs for commitment decisions.

These two changes, when taken together, provide for a much more reasonable dispatch of Coyote Springs 2, as shown in Chart No. 4.

24

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Q. How does the Dispatch Model Operate Companycontrolled hydroelectric generation resources?

hydroelectric treats all 5 Dispatch Model Α. The generation plants within a load area as a single large 6 The Company's hydroelectric plants are on average, 7 plant. however, more flexible than the average plant used in each 8 To account for this additional flexibility, the 9 load area. Company algebraically extracts its plants from the region 10 and develops individual hydro operations logic for them. 11 Company-controlled hydroelectric resources are separated 12 into three river systems: the Spokane River, the Clark 13 Fork River, and individually separate the Mid-Columbia 14 This separation ensures that the flexibility 15 projects. inherent in these resources is credited to customers in the 16 17 pro forma exercise.

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Q. Please compare the operating statistics from the
 Dispatch Model to recent historical hydroelectric plant
 operations.

Over the pro forma period the Dispatch Model 4 Α. 5 generates 66.9% of the Company's hydro generation during on-peak hours (based on average water). Since on-peak 6 7 hours represent only 57% of the year, this demonstrates a substantial shift of hydro resources to the more expensive 8 9 on-peak hours. This is nearly identical to the 5-year average of on-peak hydroelectric generation through 2007: 10 11 66.4%.

12 Q. What is the Company assuming for natural gas 13 prices in the pro forma period for Company-owned gas-fired 14 resources?

Natural gas prices are a function of average 15 Α. commodity cost, transportation, and applicable 16 taxes. Consistent with our last general rate case filing, natural 17 gas prices were set using an average of witnessed forward 18 prices, specifically the three-month period ending December 19 20 31, 2007. The average price for the pro forma year equals \$7.92 per decatherm at Rathdrum and CS2, and \$8.28 per 21 22 decatherm for Northeast, Boulder Park, and the Kettle Falls 23 CT.

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1 Q. Please provide a summary of the monthly and 2 average Northwest Forward natural gas and electricity 3 prices?

A. Table No. 2 presents modeled natural gas and 5 electricity prices.

6

7

Table No. 2 - Dispatch Model Prices Comparison

Month	CSII & Rathdrum Gas (\$/dth)	NE/BP/ KFCT Gas (\$/dth)	Mid-C (\$/MWh)	Month	CSII & Rathdrum Gas (\$/dth)	NE/BP/ KFCT Gas (\$/dth)	Mid-C (\$/MWh)
Jan-09	8.594	8.988	57.95	Jul-09	7.574	7.927	57.90
Feb-09	8.599	8.993	62.66	Aug-09	7.626	7.981	65.03
Mar-09	8.357	8.741	58.97	Sep-09	7.643	7.999	61.49
Apr-09	7.497	7.846	52.12	Oct-09	7.688	8.046	59.02
May-09	7.455	7.803	47.25	Nov-09	8.068	8.441	63.09
Jun-09	7.508	7.858	41.33	Dec-09	8.393	8.779	62.04
				Average	7.92	8.28	57.39

8

9 Q. Are Mid-Columbia electric prices from the 10 Dispatch model the same as the Forward Market?

electric prices from the Mid-Columbia 11 Α. No, Dispatch Model differ from the forward market for a variety 12 The forward market prices are not only an 13 of reasons. they contain future prices, but an expectation of 14 adjustment for risk or unknown future conditions, based on 15 the premise you can "lock in" prices. The Dispatch Model 16 is a spot market model that forecasts prices for a specific 17 time in the future given load, hydro, and fuel price 18 Average annual Mid-Columbia prices in the 19 conditions. forward market are \$68.38/MWh on-peak and \$54.25/MWh off-20

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1 peak (based on average forwards between 10/1/2007 and 2 12/31/2007). The average Mid-Columbia price from the 3 Dispatch Model is \$63.68/MWh on-peak and \$48.99/MWh off-4 peak.

Q. You stated earlier in your testimony that you are using the NWPP hydro study as the basis for your hydro dataset. Does the NWPP study include the Cabinet Unit 4 or the Noxon Rapids 4 upgrade?

9 A. No, the NWPP study does not include the Cabinet 10 Unit 4 or Noxon Rapids 4 upgrades. The data will be 11 included in our next data submittal to the NWPP. I expect 12 the upgrade to be reflected in the 2008 NWPP study.

Q. How have you accounted for the Cabinet Unit 4 and
Noxon Rapids 4 upgrades in the pro forma?

Cabinet Unit 4 upgrade is expected to 15 Α. The generate 1.98 average megawatts and Noxon Rapids 4 is 16 expected to generate 2.33 average megawatts of additional 17 To account for this energy in an average water year. 18 energy in the pro forma, the unit sizes are increased from 19 55.2 MW to 59.7 MW and 105 MW to 111.4 MW, respectively. 20 The Dispatch Model then generates at the upgraded energy 21 and capacity levels when the units are dispatched. 22

Q. Please explain how the upgrades to Colstrip Units
3 and 4 are reflected in the Dispatch Model.

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The Company increased the generation capability 1 Α. This change allows the of each unit from 740 MW to 768 MW. 2 Dispatch Model to correctly value the entirety of each 3 Our resource portfolio plant in the wholesale marketplace. 4 tracked in the Dispatch Model contains a 15% share of each 5 each resource capacity of the overall 6 unit. With increased, our 15% allocation increases proportionally and 7 lowers the overall cost of our generation portfolio. 8

9 10

III. RATE PERIOD LOAD ADJUSTMENT

Q. Why is the company proposing using 2009 pro forma
retail loads in this case?

The intent of each rate proceeding is to develop 13 Α. a reasonable projection of costs the company expects to 14 incur during the period over which rates are set. Though 15 historical data are used as the starting point, adjustments 16 are made where that history does not provide accurate 17 revenues and expenses for the period new rates will be in 18 For example, in the power supply category alone, 19 effect. pro forma adjustments are included to reflect expected 20 conditions in 2009 for hydroelectric plant upgrades, fuel 21 prices, and contracts that were not in the historical test 22 23 year.

24 Q. Please explain the source used for 2009 pro forma
25 loads?

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Each year the Company develops a 25-year load 1 Α. (residential, commercial, 2 forecast bv rate class industrial, and street lighting). The load projection is 3 used by many departments throughout the utility. It is the 4 basis for power supply budgeting, revenue forecasting by 5 our finance department, and for our Integrated Resource 6 During the natural gas and electric IRP 7 Plans (IRPs). processes the forecast is reviewed both internally by 8 senior management as well as by external parties that 9 include Idaho and Washington Commission staff members. 10

11 The rate period loads used in this case are taken from 12 the Company's 2008 load forecast completed in July 2007. 13 The 2009 load value is 1,061.2 aMW. As this load is 14 generated using "normal weather," it eliminates the need 15 for any weather-normalization adjustment.

16 Q. Are Avista's rate period loads based on

17 quantitative methods?

the residential, small and large For 18 Α. Yes. general service, pumping and street light customers, the 19 methodology is based on mathematical relationships between 20 growth in the economy of the service area and the energy 21 used by customers. Very large general service customer 22 (e.g., hospitals, universities, manufacturers) forecasts 23 rely on trends in these segments combined with regular 24

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discussion with the individual customers regarding
 expansion (or contraction) plans.

Q. How does Avista acquire service area economic
4 forecasts?

Avista contracts with Global Insight, Inc., a 5 Α. national economic forecasting consulting company also used 6 by agencies in the states of Idaho, Oregon and Washington 7 to provide county-level projections of job, population, and 8 personal income growth rates. These have been shown to be 9 the primary drivers of electricity consumption. Global 10 Insights, Inc. also provides projections for interest 11 rates, oil prices, the consumer price index, and other 12 factors used to project customer growth and customer 13 14 consumption.

Q. Does Avista include the impact of conservation
 and electricity prices when projecting future electricity
 load?

The load forecast incorporates changes to 18 Yes. Α. conservation programs, mathematical relationships for 19 changes in electricity prices, and other factors. As 20 efficiency standards for building shells, motors, glazing, 21 appliances and lighting have changed over time, they are 22 incorporated in the forecast. Net growth in Avista's load 23 occurs not only by newly constructed buildings, but also by 24

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increases and decreases in the amount of equipment or
 intensity of use of the existing customer base.

Q. How do 2009 pro forma period loads compare with
4 recent results?

A. Chart No. 5 shows historical and forecast utility load changes. As the table illustrates, our 2008 forecast of retail load follows a trend line consistent with recent history.

9 Chart No. 5 - System Loads Absent Potlatch Cogeneration





Q. What is the significance of using the forecasted
pro forma load estimate for ratemaking purposes?

A. Chart No. 6 builds on information presented in Chart No. 5. It illustrates why 2007 load levels should not be used to set rates for calendar year 2009: <u>using</u> <u>2007 weather-adjusted actual loads would assume the Company</u> will experience no load growth for two calendar years.

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history and any odds with recent 1 This would be at reasonable load growth assumption, especially given the 2 continued growth in the economy in our Company's service 3 Pro forma load levels will be approximately 28 aMW 4 area. 5 above 2007 historical loads.

6 Chart No. 6 -System Loads Absent Potlatch Cogeneration,

7 with 2007 Load

8



9 Q. Does the difference between pro forma and actual 10 loads get tracked through the Power Cost Adjustment (PCA) 11 mechanism?

12 A. Yes. As explained more fully by Mr. Johnson, 13 when actual 2009 loads differ from the pro forma, the 14 difference between the two values is tracked through the 15 PCA, with additional or reduced sales being adjusted 16 through the Retail Revenue Credit.

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1 The use of 2009 pro forma loads in this case, together 2 with the production property adjustment (discussed by 3 Company witness Ms. Knox), provides a more accurate basis 4 to set retail rates for the period that new retail rates 5 will be in effect.

6 Q. What is the Company's present loads and resources 7 position?

The Company's latest energy and capacity loads 8 Α. and resources tabulations ("L&Rs") are attached in Exhibit 9 As the L&Rs show, 2009 loads are No. 5, Schedule 1. 10 expected to equal 1,118.5 aMW. For this filing the figure 11 is reduced by the 5-year average of self-generation of the 12 Potlatch Corporation. This adjustment lowers the pro forma 13 load to 1,061.2 aMW. 14

15 Chart No. 7 below details the Company's load and 16 resource energy position from 2009 through 2018. The chart 17 excludes 57.3 aMW of Potlatch load, as well as its 57.3 aMW 18 of PURPA generation.

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1 Chart No. 7 - Avista 2009-2018 Load and Resource Energy





4 Chart No. 8 presents the Company's load and resource 5 capacity position from 2009 through 2018. As with Chart 6 No. 7, a 57.3-MW reduction is applied both to load and 7 contracts to reflect Potlatch.

8 Chart No. 8 - Avista 2009-2018 Load and Resource Capacity



9 Position (MW)

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10

2 Q. Please summarize the results from the Dispatch 3 Model that are used for ratemaking.

IV. RESULTS

1

The Dispatch Model tracks the Company's portfolio 4 Α. during each hour of the pro forma study. Fuel costs and 5 generation for each resource are summarized by month. 6 Total market sales and purchases, and their revenues and 7 costs, are also determined and summarized by month. These 8 values are contained in Exhibit No. 5, Schedule 2 and was 9 provided to Mr. Johnson for use in his calculations. Mr. 10 Johnson adds resource and contract revenues and expenses 11 not accounted for in the Dispatch Model (e.g., fixed costs) 12 to determine net power supply expense. 13

Q. Company witness Mr. Morris explains in his prefiled testimony that the Company has included a special "rate mitigation adjustment" to power supply expenses. How did you account for this adjustment in your results?

A. As Mr. Morris explains in his testimony, the purpose of this adjustment is to reduce the overall rate increase resulting from this rate filing.

The "rate mitigation adjustment" is achieved through increasing the amount of hydroelectric energy available to the Company in the Dispatch Model during the proforma period. Exhibit No. 5, Schedule 2 contains an "Avista Hydro Adjustment" of 26.5 aMW, as can be seen on line 23 of

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1 the applicable page. This energy is included in the 2 proforma at zero cost, thereby increasing the Company's 3 energy sales into the wholesale marketplace. The total 4 cost reduction is \$12.8 million on a system basis.

5 During the period that new retail base rates will be 6 in place from this general rate case, 90% of this 7 mitigation adjustment will be tracked through the PCA, and 8 the Company will absorb 10%.

9 Q. Does this conclude your pre-filed direct 10 testimony?

11 A. Yes, it does.

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BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

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) EXHIBIT NO. 5

) CLINT G. KALICH

FOR AVISTA CORPORATION

(ELECTRIC ONLY)

Exhibit 5

Avista Utilities Loads and Resources Position-Energy Tabulation

AVERAGE LOAD & HYDRO PLANNING

REQUIREMENTS	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
1 System Load	-1,118	-1,141	-1,161	-1,182	-1,202	-1,229	-1,274	-1,299	-1,316	-1,333
2 Contract Obligations	<u>-141</u>	<u>-140</u>	<u>-140</u>	<u>-139</u>	<u>-139</u>	<u>-139</u>	<u>-64</u>	<u>-64</u>	<u>-12</u>	<u>-12</u>
3 Total Requirements	-1,259	-1,281	-1,300	-1,322	-1,342	-1,369	-1,338	-1,364	-1,328	-1,345
RESOURCES										
4 Contract Rights	387	625	542	508	516	495	441	431	389	366
5 Hydro	537	523	521	505	505	505	505	505	505	502
6 Thermal Resources	522	523	523	522	521	537	512	521	523	514
7 Total Resources	1,447	1,671	1,586	1,535	1,543	1,536	1,459	1,457	1,417	1,382
8 POSITION	188	390	286	213	201	168	121	94	89	37
CONTINGENCY PLANNING										
9 Contingency Total	-191	-191	-191	-187	-187	-187	-187	-187	-187	-187
10 Peaking Resources	142	142	142	142	133	142	142	142	142	142
11 CONTINGENCY NET POSITION	139	341	237	168	147	123	76	49	44	-8
									Sector Contraction of the	

12 POSITION EXCLUDING MAINT. 167 368 264 197 185 136 114 78 71 30

Avista Utilities Loads and Resources Position-Capacity Tabulation

PEAK LOAD AND RESOURCE PLANNING

	REQUIREMENTS	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
1	Native Load	-1,764	-1,800	-1,831	-1,865	-1,900	-1,944	-2,010	-2,052	-2,081	-2,109
2	Contracts Obligations	<u>-242</u>	<u>-242</u>	<u>-242</u>	<u>-242</u>	<u>-242</u>	<u>-242</u>	<u>-167</u>	<u>-167</u>	<u>-17</u>	<u>-17</u>
3	Total Requirements	-2,006	-2,042	-2,073	-2,107	-2,141	-2,186	-2,177	-2,218	-2,097	-2,125
	RESOURCES										
4	Contracts Rights	427	708	608	590	590	590	515	515	515	515
5	Hydro Resources	971	1,013	917	989	1,003	1,003	1,003	1,003	976	1,003
6	Base Load Thermals	602	597	602	602	602	602	602	602	602	602
7	Peaking Units	<u>211</u>	<u>211</u>	<u>211</u>							
8	Total Resources	2,210	2,529	2,336	2,391	2,406	2,406	2,331	2,331	2,303	2,331
9	PEAK POSITION	-204	487	264	284	264	220	154	112	206	205
	RESERVE PLANNING							004	005	200	204
10	Planning Reserve Margin	-266	-270	-273	-277	-280	-284	-291	-295	-298	-301
11	RESERVE PEAK POSITION	-63	217	-9	8 S S	-16	-65	-137	-183	-92	-96
12	POSITION EXCLUDING MAINT	112	324	198	115	84	- 35	-38	-83	35	4
								Ca	se No C.]	Exhibi AVU-E Kalich,	t No. 5 E-08-01 Avista

Schedule 1, p. 1 of 1

Exhibit 5 AURORA_{XMP} Summary Output—Project Generation (GWh)

	Ann	Jan	Feb	<u>Mar</u>	Apr	May	Jun	Jui	Aug	Sep	Oct	Nov	Dec
Hydro Projects													
Clark Fork	2,838.1	181.8	190.7	174.3	262.5	479.0	485.3	335.6	181.7	119.7	103.9	118.6	205.0
Cabinet Gorge	912.3	58.5	61.3	56.0	84.4	154.0	156.0	107.9	58.4	38.5	33.4	38.1	65.9
Noxon Rapids	1,925.8	123.4	129.4	118.3	178.1	325.0	329.3	227.7	123.3	81.2	70.5	80.4	139.1
TOTAL	2,838.1	181.8	190.7	174.3	262.5	479.0	485.3	335.6	181.7	119.7	103.9	118.6	205.0
Spokane River	1.113.0	104.1	97.5	120.1	123.6	127.6	113.8	73.8	41.0	56.1	71.5	86.3	97.6
Little Falls	223.7	20.9	19.6	24.1	24.8	25.6	22.9	14.8	8.2	11.3	14.4	17.3	19.6
Long Lake	445.5	41.7	39.0	48.1	49.5	51.1	45.5	29.5	16.4	22.5	28.6	34.5	39.1
Monroe Street	92.1	8.6	8.1	9.9	10.2	10.6	9.4	6.1	3.4	4.6	5.9	7.1	8.1
Nine Mile	176.5	16.5	15.5	19.0	19.6	20.2	18.0	11.7	6.5	8.9	11.3	13.7	15.5
Post Falls	111.8	10.5	9.8	12.1	12.4	12.8	11.4	7.4	4.1	5.6	7.2	8.7	9.8
Upper Falls	63.4	5.9	5.6	6.8	7.0	7.3	6.5	4.2	2.3	3.2	4.1	4.9	5.6
TOTAL	1,113.0	104.1	97.5	120.1	123.6	127.6	113.8	73.8	41.0	56.1	71.5	86.3	97.6
Mid-Columbia- Contracts	602.2	69.3	51.1	45.8	55.9	65.8	71.3	67.5	48.8	37.3	43.7	21.1	24.7
Priest Rapids	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rocky Reach	178.6	19.3	13.3	12.0	15.8	16.7	19.1	18.7	16.0	10.1	11.7	12.0	14.0
Wanapum	288.3	35.9	27.6	24.6	29.1	35.1	37.9	34.8	20.6	19.5	23.1	0.0	0.0
Wells	135.3	14.1	10.2	9.1	11.0	14.0	14.3	13.9	12.2	7.7	8.9	9.1	10.7
TOTAL	602.2	69.3	51.1	45.8	55.9	65.8	71.3	67.5	48.8	37.3	43.7	21.1	24.7
Vista Hydro Adjustment	232.3	18.3	17.3	17.3	22.3	33.5	33.5	24.1	13.8	10.9	11.3	12.3	17.6
TOTAL	4,785.7	373.5	356.7	357.4	464.3	705.9	703.9	501.0	285.4	224.1	230.4	238.2	344.9
Thermals													
Boulder Park	6.5	0.2	0.2	0.1	0.5	0.5	0.2	1.2	1.8	1.4	0.2	0.1	0.1
Colstrip	1,729.7	155.5	142.9	152.2	126.0	105.8	115.9	154.7	158.1	152.9	156.9	153.1	155.6
Coyote Springs 2	1,298.5	77.2	88.7	84.5	67.3	46.9	51.2	120.2	166.2	159.9	153.9	159.2	123.2
Kettle Falls	333.5	32.1	31.1	34.0	32.3	1.1	0.0	31.8	34.8	33.1	35.0	33.9	34.5
Kettle Falls CT	5.0	0.1	0.1	0.1	0.3	0.3	0.2	0.9	1.3	1.1	0.3	0.2	0.1
Northeast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rathdrum	15./	0.0	0.0	0.0	0.1	454.0	467.6	245.2	260.0	249.9	246.6	346.6	313 5
TUTAL	3,388.9	200.2	203.2	2/ 1.0	220.4	104.9	/0/.0	310.3	303.3	340.0	340.0	340.0	515.0
RESOURCE TOTAL	7,942.2	620.4	602.5	611.1	668.5	827.3	837.9	792.2	641.5	561.9	565.7	572.5	640.8
RESOURCE TOTAL	7,942.2	620.4	602.5	611.1	668.5	827.3	837.9	792.2	641.5	561.9	565.7	572.5	640.8
RESOURCE TOTAL Contracts Black Creek	7,942.2 3.7	<u>620.4</u>	<u>602.5</u> 0.0	<u>611.1</u> 0.0	668.5 0.0	827.3 0.0	837.9 0.0	792.2 0.0	6 <i>41.5</i> 0.0	<u>561.9</u> 0.0	565.7 3.7	<u>572.5</u> 0.0	640.8 0.0
RESOURCE TOTAL Contracts Black Creek DOPD	7,942.2 3.7 33.6	620.4 0.0 1.9	602.5 0.0 1.8	<u>611.1</u> 0.0 2.6	668.5 0.0 3.8	827.3 0.0 4.9	837.9 0.0 5.1	792.2 0.0 3.9	641.5 0.0 3.0	561.9 0.0 1.6	565.7 3.7 1.9	572.5 0.0 1.6	640.8 0.0 1.6
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1	7,942.2 3.7 33.6 219.0	620.4 0.0 1.9 18.6	602.5 0.0 1.8 16.8	0.0 2.6 18.6	668.5 0.0 3.8 18.0	827.3 0.0 4.9 18.6	837.9 0.0 5.1 18.0	0.0 3.9 18.6	641.5 0.0 3.0 18.6	0.0 1.6 18.0	565.7 3.7 1.9 18.6	572.5 0.0 1.6 18.0	640.8 0.0 1.6 18.6
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return	7,942.2 3.7 33.6 219.0 (35.9)	0.0 1.9 18.6 (3.1)	0.0 1.8 16.8 (2.8)	0.0 2.6 18.6 (3.0)	0.0 3.8 18.0 (3.0)	827.3 0.0 4.9 18.6 (3.0)	837.9 0.0 5.1 18.0 (3.0)	0.0 3.9 18.6 (3.1)	641.5 0.0 3.0 18.6 (3.0)	0.0 1.6 18.0 (3.0)	565.7 3.7 1.9 18.6 (3.1)	572.5 0.0 1.6 18.0 (2.9)	640.8 0.0 1.6 18.6 (3.1)
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County	7,942.2 3.7 33.6 219.0 (35.9) 155.6	620.4 0.0 1.9 18.6 (3.1) 16.0	602.5 0.0 1.8 16.8 (2.8) 12.0	0.0 2.6 18.6 (3.0) 10.0	0.0 3.8 18.0 (3.0) 8.9	827.3 0.0 4.9 18.6 (3.0) 6.7	0.0 5.1 18.0 (3.0) 9.4	0.0 3.9 18.6 (3.1) 10.7	0.0 3.0 18.6 (3.0) 10.4	0.0 1.6 18.0 (3.0) 8.9	3.7 1.9 18.6 (3.1) 10.3	0.0 1.6 18.0 (2.9) 23.7	0.0 1.6 18.6 (3.1) 28.5
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC	3.7 33.6 219.0 (35.9) 155.6 1.4	0.0 1.9 18.6 (3.1) 16.0 0.1	0.0 1.8 16.8 (2.8) 12.0 0.1	0.0 2.6 18.6 (3.0) 10.0 0.1	0.0 3.8 18.0 (3.0) 8.9 0.2	0.0 4.9 18.6 (3.0) 6.7 0.2	0.0 5.1 18.0 (3.0) 9.4 0.2	0.0 3.9 18.6 (3.1) 10.7 0.1	0.0 3.0 18.6 (3.0) 10.4 0.1	0.0 1.6 18.0 (3.0) 8.9 0.0	3.7 1.9 18.6 (3.1) 10.3 0.0	0.0 1.6 18.0 (2.9) 23.7 0.1	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2	3.7 33.6 219.0 (35.9) 155.6 1.4 657.0	0.0 1.9 18.6 (3.1) 16.0 0.1 55.8	0.0 1.8 16.8 (2.8) 12.0 0.1 50.4	0.0 2.6 18.6 (3.0) 10.0 0.1 55.8	0.0 3.8 18.0 (3.0) 8.9 0.2 54.0	0.0 4.9 18.6 (3.0) 6.7 0.2 55.8	0.0 5.1 18.0 (3.0) 9.4 0.2 54.0	0.0 3.9 18.6 (3.1) 10.7 0.1 55.8	0.0 3.0 18.6 (3.0) 10.4 0.1 55.8	0.0 1.6 18.0 (3.0) 8.9 0.0 54.0	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8	0.0 1.6 18.0 (2.9) 23.7 0.1 54.0	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1	0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0	0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8	0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1	0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7	0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8	0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5	0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6	0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9	0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9	0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2	0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2	0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0	0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4	0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 2.8	0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2	0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7	0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5	0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8	0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 0.2	0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 0.1	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 0.4	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 0.2 0.4 0.2	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 5.8 20.5 3.1 0.0 0.3 0.5	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.2	565.7 3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1 0.4	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (57.0)	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1 0.7 (5.8)	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2)	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 0.1 0.9	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.7 0.1 0.9	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 0.4 1.0	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 2.8 0.2 0.4 0.2 0.4 0.5 5()	0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 58	0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 (5.8)	0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6)	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 3.1 0.0 0.1 0.4 (5.8)	0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6)	0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8)
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping DEC Construct	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 3.7 2.0 7.8 (67.9)	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1 0.7 (5.8) (0.3)	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.8	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 0.1 0.9 (5.8) 0.9	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3)	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 0.4 1.0 (5.8) 0.9	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 0.2 2.8 0.4 0.4 0.8 (5.6) 0.0	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6)	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 (5.8) 0.6	0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) (0.3)	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1 0.1 0.4 (5.8) 0.3	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) (0.6)
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Bhilling Beach	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 13.0 3.2 0.5 10.7 (5.8) (0.3) 0.0	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 13.1 3.4 0.8 (5.8) 0.9	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 18.8 3.1 0.7 0.9 (5.6) (0.3) 0.0	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 0.4 1.0 (5.8) 0.9 0.0	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 0.2 0.2 0.2 0.4 0.8 (5.6) 0.0 0.0	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 (0.5) (5.8) (0.6) 0.0	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 (5.8) 0.6 0.0	0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) (0.3) 0.0	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.3 0.0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.1 0.6 (5.6) 1.2 0.0	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) (0.6) 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Pottach	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 0.5 0.7 (5.8) (0.3) 0.0	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 0.1 0.9 (5.8) 0.9 0.0	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3) 0.0	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 0.4 0.4 0.4 0.9 0.0	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 0.2 0.4 0.2 0.4 (5.6) 0.0 0.0 0.0	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 (0.6) 0.0 0.0 0.0 0.0	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 (5.8) 0.6 0.0 0.0	0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 13.7 3.2 0.0 0.3 (5.6) (0.3) 0.0 0.0	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.3 0.0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 13.9 3.2 0.2 0.1 (5.6) 1.2 0.0 0.0	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) (0.6) 0.0 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Pottach	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0 69.3	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1 0.5 0.1 0.5 0.1 0.7 (5.8) (0.3) 0.0 0.0 0.0	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.0 0.8 (5.2) 0.0 0.0 0.0 0.0 0.0 0.0 0.0	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 55.8 13.1 3.4 0.8 0.1 0.9 (5.8) 0.9 0.0 0.0 0.0 0.0 0.0	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3) 0.0 0.0 0.0 5.8	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 0.0 0.0 0.0	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 0.2 0.4 0.2 0.4 0.8 (5.6) 0.0 0.0 0.0 0.0 0.0	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 0.3	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 (5.8) 0.6 0.0 0.0 0.2	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) (0.3) 0.0 0.0 5.6	3.7 1.9 18.6 (3.1) 10.3 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.3 0.0 0.3 0.0 0.0 0.0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2 0.0 0.0 6.4	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) (0.6) 0.0 0.0 0.0 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Pottatch Wind Contract	7,942.2 3.7 3.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0 69.3 0.0	620.4 0.0 1.9 18.6 (3.1) 155.8 13.0 3.2 0.5 0.1 0.7 (5.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 0.1 0.9 (5.8) 0.9 (5.8) 0.0 0.0 6.6	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.7 0.1 0.9 (5.6) (0.3) 0.0 0.0 5.8 0.0	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 0.0 0.0 0.0 0.0 0.0	837.9 0.0 5.1 18.0 (3.0) 9.4 254.0 22.8 2.8 2.8 2.8 2.8 0.4 0.4 0.8 (5.6) 0.0 0.0 0.0 0.0 0.0 0.0	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 0.0 0.0 0.0 0.1	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 0.2 0.6 0.0 0.6 0.0 0.2	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) (0.3) 0.0 0.1 0.3 (5.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5.6	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.3 0.0 0.0 0.0 6.0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2 0.0 0.0 6.4 0.0	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) (0.6) 0.0 0.0 0.0 2.7 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Pottatch Wind Contract Load Following Contracts Sheep Creek	7,942.2 3.7 3.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 (67.9) 1.8 0.0 0.0 69.3 0.0 7.3	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 155.8 13.0 3.2 0.5 0.1 0.7 (5.8) (0.3) 0.0 0.0 6.2 0.0 0.4	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0 4.6 0.0 0.5	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.1 0.9 (5.8) 0.9 (5.8) 0.9 0.0 6.6 0.0 0.9	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3) 0.0 0.0 5.8 0.0 1.1	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 (5.8) 0.0 6.1 0.0 0.0 1.2	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 0.4 0.2 2.8 2.8 0.4 0.4 0.8 (5.6) 0.0 0.0 0.0 6.9 0.0 1.1	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.2 0.2 0.2 0.2 0.5.8) 0.6 0.0 0.0 0.0 0.2 0.2	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) 0.0 0.0 5.6 0.0 0.2	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 55.8 13.9 3.1 0.1 0.1 0.4 (5.8) 0.3 0.0 0.0 6.0 0.0 0.2	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2 0.0 0.0 0.0 6.4 0.0 0.4	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.4
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver Steek	7,942.2 3.7 3.3 6 219.0 (35.9) 155.6 1.4 657.0 194.1 3.7 2.0 7.8 (67.9) 1.8 (67.9) 1.8 (67.9) 1.8 0.0 0.0 69.3 0.0 7.3 52.2	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1 0.7 (5.8) (0.3) 0.0 6.2 0.0 0.4 5.6	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 8 (5.2) 0.0 0.0 0.0 4.6 0.0 5.3	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 13.1 3.4 0.9 (5.8) 0.9 (5.8) 0.9 0.0 6.6 0.0 9 7.3	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 0.2 0.2 0.2 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3) 0.0 0.0 5.8 0.0 1.1 7.6	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 (5.8) (5.8) 0.0 (5.8) (5.8) (5.8) (5.8) (5.8) (5.8) (5.8)	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 2.8 2.8 0.4 0.2 2.8 2.8 0.4 0.4 0.8 (5.6) 0.0 0.0 0.0 6.9 0.0 1.1 1.5.8	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 6.1 0.0 0.7 1.9	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 0.2 0.5.8 0.6 0.0 0.0 0.0 0.0 0.0 0.2 0.3 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.1 0.2 0.0 0.0 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.3 0.4 1.4 1.5	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) (0.3) 0.0 5.6 0.0 0.2 0.6	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 55.8 13.9 3.1 0.1 0.4 (5.8) 0.3 0.0 6.0 0.0 6.0 0.0 2.2.3	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.1 0.6 (5.6) 1.2 0.0 0.0 6.4 0.0 0.4 3.1	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) 0.0 0.0 0.0 2.7 0.0 0.4 5.6
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Fails Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0 69.3 0.0 7.3 52.2 368.7	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.7 (5.8) (0.3) 0.0 0.0 0.2 0.0 0.4 5.6 76.1	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0 4.6 0.0 0.5 3.8 8.8	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 13.1 3.4 0.8 (5.8) 0.9 (5.8) 0.9 0.0 0.0 6.6 0.0 0.9 37.6	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 18.8 3.1 0.7 0.9 (5.6) (0.3) 0.0 0.0 5.8 0.0 1.1 7.6 36.4	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 (5.8) 0.0 6.1 0.0 6.1 0.0 1.2 7 7.7 0.0	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 0.2 0.4 0.2 2.8 2.8 0.2 0.4 0.2 0.0 0.0 0.0 0.0 0.0 0.0 1.1 5.6 0.0 0.0 0.0 1.1 5.1 18.0 18.0 18.0 19.4 0.2 5.1 18.0 19.4 0.2 5.1 19.0 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 (0.6) 0.0 6.1 0.0 0.7 1.9	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 (5.8) 0.6 0.0 6.2 0.0 6.2 0.0 0.2 (1.6)	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) (0.3) 0.0 5.6 0.0 5.6 0.0 5.6 0.0 5.6 0.0	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.3 0.0 0.0 6.0 0.0 0.0 2.3 0.0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.1 0.6 (5.6) 1.2 0.0 0.0 6.4 0.0 6.4 3.1 73.7	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) (0.6) 0.0 2.7 0.0 0.4 5.6 76.1
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases St Purchases	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0 7.3 52.2 368.7 0.0	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.7 (5.8) (0.3) 0.0 0.4 5.6 76.1 0.0	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0 0.0 0.0 0.0 0.5 6.3 68.8 0.0	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 55.8 13.1 55.8 13.1 0.9 (5.8) 0.9 (5.8) 0.9 0.0 0.0 0.0 6.6 6.0 0.0 9 7.3 37.6 0.0	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3) 0.0 5.8 0.0 1.1 7.6 36.4 0.0	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 0.4 1.0 (5.8) 0.9 0.0 0.0 (5.9) 0.0 0.0 0.0 1.2 7.7 0.0 0.0 0.0 0.0 0.0 0.2 0.2 0.2 0.2 0.2	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 0.2 0.4 0.2 0.4 0.0 0.0 0.0 0.0 0.0 1.1 5.8 0.0 0.0	792.2 0.0 3.9 18.6 (3.1) 10.7 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 0.5 (5.8) (0.6) 0.0 0.7 1.9 0.0 0.0 0.0	0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 0.5 0.6 0.0 0.2 (5.8) 0.6 0.0 0.2 (1.6) 0.0 0.0 0.0	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) 0.0 0.1 0.3 (5.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1 0.4 0.3 0.0 0.0 0.1 0.4 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.2 2.3 0.0 0.0 0.0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2 0.0 0.0 6.4 3.1 73.7 0.0	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) 0.4 0.1 0.6 (5.8) (0.6) 0.0 0.0 0.0 0.0 2.7 0.0 0.0 0.0 0.0 1.6 5.6 5.6 5.6 1.6 5.6 0.1 0.1 5.5 8 14.3 2.9 0.4 0.1 0.0 1.6 5.8 14.3 2.9 0.4 0.1 0.1 5.5 8 14.3 0.1 0.1 5.5 8 14.3 0.1 0.1 5.5 8 14.3 0.1 0.1 5.5 8 14.3 0.1 0.1 0.5 5.8 14.3 0.1 0.1 0.5 5.8 14.3 0.1 0.0 0.1 0.5 5.8 14.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Pottatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD	7,942.2 3.7 3.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0 69.3 0.0 7.3 52.2 368.7 0.0 0.0	620.4 0.0 1.9 18.6 (3.1) 155.8 13.0 3.2 0.5 0.1 0.7 (5.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.4 5.6 76.1 0.0 0.0	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 6.3 68.8 0.0 0.0	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.9 (5.8) 0.9 (5.8) 0.9 (5.8) 0.0 0.0 6.6 0.0 0.0 7.3 37.6 0.0 0.0	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) 0.0 0.0 1.1 7.6 36.4 0.0 0.0	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 0.0 0.0 6.1 0.0 0.0 0.0 1.2 7.7 0.0 0.0 0.0 0.0 0.0 0.0	837.9 0.0 5.1 18.0 (3.0) 9.4 22.8 2.8 2.8 2.8 0.2 54.0 22.8 0.4 0.8 (5.6) 0.0 0.0 0.0 0.0 1.1 5.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 1.9 0.0 0.0 0.0	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 0.58 0.0 0.2 0.6 0.0 0.2 0.0 0.2 0.0 0.2 (1.6) 0.0 0.0 0.0 0.0	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) (0.3) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.3 0.0 0.1 0.4 (5.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.2 2.3 0.0 0.0 0.0 0.0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2 0.0 0.0 6.6 (1.2 0.0 0.0 0.0 0.4 3.1 73.7 0.0 0.0 0.0 0.0 0.0	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 0.0 0.4 0.6 0.0 0.7 0.0 0.4 5.6 76.1 0.0 0.4 5.6 76.1 0.0 0.4
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Purmping PGE CapExch Phillips Ranch Pottatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen	7,942.2 3.7 3.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 (67.9) 1.8 (67.9) 1.8 0.0 0.0 69.3 0.0 7.3 52.2 368.7 0.0 0.0 92.2	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1 0.7 (5.8) (0.3) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.4 5.6 76.1 0.0 0.8.4	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 12.0 0.1 12.0 0.1 12.0 0.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 4.6 0.0 0.0 4.6 0.0 0.0 0.5 6.3 68.8 0.0 0.7 7.7	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 0.1 0.9 (5.8) 0.9 (5.8) 0.9 (5.8) 0.9 (5.8) 0.0 0.0 6.6 0.0 9 7.3 37.6 0.0 0.0 8.4	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) 0.0 0.0 5.8 0.0 1.1 7.6 36.4 0.0 7.0	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 6.1 0.0 6.1 0.0 0.0 6.1 0.0 0.0 6.9	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 54.0 22.8 2.8 2.8 0.4 0.8 (5.6) 0.0 0.0 0.0 6.9 0.0 1.1 5.8 0.0 0.0 0.0 5.1 5.4	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 0.0 0.1 0.0 0.7 1.9 0.0 0.0 0.0	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 0.2 0.2 0.2 0.0 0.0 0.0 0.2 (1.6) 0.0 0.0 0.0 0.2 (1.6) 0.0 0.0 8.5	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) 0.0 0.0 5.6 0.0 0.2 0.6 0.0 0.0 0.2 0.6 0.0 0.0	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.0 0.0 6.0 0.0 0.0 2.2 3.3 0.0 0.0 0.2 2.3 0.0 0.0 0.2 2.3 0.0 0.0 0.2 2.3 0.0 0.0 0.2 2.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.1 0.6 (5.6) 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.4 3.1 73.7 0.0 0.0 7.4	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Pottatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen TOTAL	7,942.2 3.7 3.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0 69.3 0.0 69.3 52.2 368.7 0.0 0.0 92.2 1,803.0	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1 0.7 (5.8) (0.3) 0.0 0.0 0.0 0.0 0.4 5.6 76.1 0.0 8.4 197.5	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 6.3 68.8 0.0 0.0 7.7 177.1	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 0.1 0.9 (5.8) 0.9 0.0 6.6 0.0 0.0 6.6 0.0 9 7.3 37.6 0.0 0.0 8.4 158.5	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3) 0.0 0.0 5.8 0.0 0.0 5.8 0.0 0.0 5.8 0.0 1.1 7.6 36.4 0.0 0.0 7.0 7.0	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 0.0 (5.8) 0.0 0.0 0.0 6.1 0.0 0.0 6.1 27.7 0.0 (0.0 6.9 128.6	837.9 0.0 5.1 18.0 (3.0) 9.4 22.8 2.8 2.8 2.8 2.8 0.2 0.4 0.8 (5.6) 0.0 0.0 0.0 0.0 0.0 1.1 5.8 0.0 0.0 1.1 5.8 0.0 0.0 1.1 5.4 1.1 5.8 0.0 0.0 1.1 5.8 0.0 0.0 1.1 5.4 1.1 5.8 0.0 0.0 1.1 5.8 0.0 0.0 1.1 5.8 0.0 0.0 0.0 1.1 5.8 0.0 0.0 0.0 1.1 5.8 0.0 0.0 0.0 1.1 5.8 0.0 0.0 0.0 1.1 5.4 1.1 1.1 5.4 1.1 1.1 5.4 1.1 1.1 5.4 1.4 1.1 1.1 5.4 1.4 1.1 1.1 1.1 1.1 1.1 1.1 1	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 6.1 0.0 0.7 1.9 0.0 0.0 8.3 121.0	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 (5.8) 0.6 0.0 0.0 0.2 (1.6) 0.0 0.0 0.2 (1.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 11.4	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.6 0.0 0.0 0.0 0.2 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 105.6	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.3 0.0 0.0 6.0 0.0 0.2 2.3 0.0 0.0 0.2 2.3 0.0 0.0 0.2 2.3 0.0 0.0 0.2 2.3 0.0 0.0 0.2 2.3 0.0 0.0 0.2 2.3 0.0 0.0 0.0 0.2 2.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2 0.0 0.0 0.0 6.4 3.1 73.7 0.0 0.0 7.4 198.9	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.6) 0.0 0.0 0.0 0.4 5.6 76.1 0.0 8.5 206.7
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Pottatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen ToTAL Market Transactions	7,942.2 3.7 3.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0 69.3 0.0 7.3 52.2 368.7 0.0 0.0 92.2 1,803.0	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1 0.7 (5.8) (0.3) 0.0 0.0 0.0 0.0 0.4 5.6 76.1 0.0 8.4 197.5	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 6.3 68.8 0.0 7.7 177.1	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 0.1 0.9 (5.8) 0.9 0.0 6.6 0.0 0.0 6.6 0.0 9 7.3 37.6 0.0 0.0 8.4 158.5	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) 0.0 0.0 5.8 0.0 1.1 7.6 36.4 0.0 7.0 157.7	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 0.0 (5.8) 0.0 0.0 0.0 6.1 0.0 0.0 6.1 27.7 0.0 (0.0 6.9 128.6	837.9 0.0 5.1 18.0 (3.0) 9.4 22.8 2.8 2.8 2.8 2.8 0.2 0.4 0.8 (5.6) 0.0 0.0 0.0 0.0 0.0 1.1 5.8 0.0 0.0 1.1 5.8 0.0 0.0 5.4 124.4	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 6.1 0.0 0.7 1.9 0.0 0.0 8.3 121.0	0.0 3.0 18.6 (3.0) 10.4 (3.0) 15.8 14.6 3.3 0.0 0.2 0.2 (5.8) 0.6 0.0 0.2 0.16 0.0 0.0 0.2 (1.6) 0.0 0.0 0.2 (1.6) 0.0 0.0 0.0 8.5 111.4	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.6 0.0 0.0 0.0 0.0 0.0 0.2 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 105.6	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.4 (5.8) 0.3 0.0 0.0 6.0 0.0 6.0 0.0 0.2 2.3 0.0 0.0 7.6 115.6	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2 0.0 0.0 0.0 6.4 3.1 73.7 0.0 0.0 7.4 198.9	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) 0.0 0.0 0.0 0.4 5.6 76.1 0.0 0.4 5.6 76.1 0.0 8.5 206.7
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Fails Nichols Pumping PGE CapExch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen TOTAL	7,942.2 3.7 3.3 6 219.0 (35.9) 155.6 1.4 657.0 194.1 3.7 2.0 7.8 (67.9) 1.8 (67.9) 1.8 (67.9) 1.8 (67.9) 1.8 0.0 0.0 0.0 69.3 0.0 0.0 7.3 52.2 368.7 0.0 92.2 1,803.0 744.7	620.4 0.0 1.9 18.6 (3.1) 16.0 0.1 55.8 13.0 3.2 0.5 0.1 0.7 (5.8) (0.3) 0.0 6.2 0.0 0.4 5.6 76.1 0.0 8.4 197.5 137.8	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0 4.6 0.0 0.0 4.6 0.0 0.7 77 177.1 61.2	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.8 13.1 3.4 0.9 (5.8) 0.9 (5.8) 0.9 (5.8) 0.9 0.0 6.6 0.0 9 0.0 6.6 0.0 9 0.0 8.4 158.5 5 7.9	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 0.2 0.2 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3) 0.0 0.0 5.8 0.0 0.0 5.8 0.0 1.1 7.6 36.4 0.0 157.7	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 1.0 (5.8) 0.9 0.0 6.1 0.0 (5.8) 0.0 6.1 0.0 0.0 6.1 1.2 8.6 1.2 7.7 0.0 0.0 4.9 1.8 6 4.1	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 5.4.0 22.8 2.8 0.4 0.8 (5.6) 0.0 0.0 0.0 6.9 0.0 0.0 1.1 5.8 0.0 0.0 5.4 122.5 122.4 122.4 122.4 122.4 122.4 122.4 122.4 122.5	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 0.0 0.1 0.0 0.7 1.9 0.0 0.0 8.3 121.0	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.0 0.0 0.0 0.0 0.0 0.2 (1.6) 0.0 8.5 111.4	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 3.2 0.0 0.1 0.3 (5.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.6 0.0 8.2 105.6 75.8	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.4 (5.8) 0.3 0.0 0.0 6.0 0.0 0	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.1 0.6 (5.6) 1.2 0.0 0.0 6.4 0.0 0.0 6.4 0.0 0.0 7.4 198.9 82.6	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.6 (5.8) 0.0 0.0 0.0 0.4 5.6 76.1 0.0 8.5 206.7 95.9
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Fails Nichols Pumping PGE CapExch Phillips Ranch Pottach Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen TOTAL Market Transactions Market Sales Sales	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0 69.3 0.0 7.3 52.2 368.7 0.0 0.0 92.2 1,803.0 744.7 (1,426.5)	620.4 0.0 1.9 18.6 (3.1) 155.8 13.0 3.2 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.77 (5.8) (0.3) 0.0 0.4 5.6 76.1 0.0 0.4 5.6 76.1 0.0 8.4 197.5 137.8 (37.6)	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.8 (5.2) 0.0 0.0 0.0 4.6 0.0 0.5 6.3 68.8 0.0 0.7 777.1 61.2 (57.5)	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.9 (5.8) 0.9 (5.8) 0.9 0.0 (5.8) 0.9 0.0 6.6 0.0 0.0 6.6 0.0 0.0 8.4 158.5 67.9 (81.8)	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3) 0.0 0.0 0.0 1.1 7.6 36.4 0.0 157.7 19.7 (179.0)	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 0.4 0.4 1.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 0.2 55.8 23.7 0.2 55.8 23.7 0.2 55.8 23.7 0.2 55.8 23.7 0.2 55.8 23.7 0.2 55.8 23.7 0.2 55.8 23.7 0.2 55.8 23.7 0.2 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 22.8 2.8 0.2 22.8 2.8 0.2 0.4 0.4 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 6.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.19 0.00 0.0 0.3 121.0	641.5 0.0 3.0 18.6 (3.0) 10.4 0.1 55.8 14.6 3.3 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.6 0.0 0.0 0.2 0.2 0.2 0.16 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.16) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.16 0.16 0.174	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 2.0 0.1 0.3 (5.6) (0.3) 0.0 5.6 0.0 0.2 0.6 0.0 0.2 0.6 0.0 0.2 705.6 75.8 (62.9)	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.3 0.0 115.6	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2 0.0 0.0 6.4 4 0.0 0.0 6.4 4 0.0 0.0 0.4 1.2 0.0 0.0 1.5 1.2 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) (0.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.7 0.0 0.4 5.8 (5.8) (0.6) 0.0 0.0 0.0 0.0 0.0 0.1 5.8 14.3 2.9 0.4 0.4 0.6 5.8 (0.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Fails Nichols Pumping PGE CapExch Phillips Ranch Pottach Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen TOTAL	7,942.2 3.7 33.6 219.0 (35.9) 155.6 1.4 657.0 194.1 37.2 3.7 2.0 7.8 (67.9) 1.8 0.0 0.0 69.3 0.0 7.3 52.2 368.7 0.0 0.0 92.2 1,803.0 744.7 (1,426.5) (681.7)	620.4 0.0 1.9 18.6 (3.1) 155.8 13.0 3.2 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.77 (5.8) 0.00 0.0 0.4 5.6 76.1 0.0 0.4 5.6 76.1 0.0 8.4 137.8 (37.6) 100.2	602.5 0.0 1.8 16.8 (2.8) 12.0 0.1 50.4 11.8 3.0 0.6 0.0 0.0 0.0 0.0 0.0 4.6 0.0 0.0 4.6 0.0 0.0 7.7 177.1 61.2 (57.5) 3.7	611.1 0.0 2.6 18.6 (3.0) 10.0 0.1 55.8 13.1 3.4 0.9 (5.8) 0.9 (5.8) 0.9 0.0 6.6 0.0 0.0 6.6 0.0 0.0 6.6 0.0 0.0	668.5 0.0 3.8 18.0 (3.0) 8.9 0.2 54.0 18.8 3.1 0.7 0.1 0.9 (5.6) (0.3) 0.0 0.0 0.0 0.0 1.1 7.6 36.4 0.0 1.57.7 19.7 (179.0) (159.4)	827.3 0.0 4.9 18.6 (3.0) 6.7 0.2 55.8 23.7 2.9 0.4 0.4 0.4 1.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.9 0.0 0.0 (5.8) 0.0 0.0 0.0 (5.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	837.9 0.0 5.1 18.0 (3.0) 9.4 0.2 22.8 2.8 0.2 22.8 2.8 0.2 0.4 0.4 0.0 0.0 0.0 0.0 0.0 6.9 0.0 0.0 6.9 0.0 1.1 5.8 0.0 0.0 5.4 1.24.4 5.3 (300,0) (224.7)	792.2 0.0 3.9 18.6 (3.1) 10.7 0.1 55.8 20.5 3.1 0.0 0.3 0.5 (5.8) (0.6) 0.0 6.1 0.0 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.2 1.9 0.0 0.0 0.3 121.0	641.5 0.0 3.0 18.6 (3.0) 18.6 (3.0) 18.6 (3.0) 18.6 (3.0) 10.1 55.8 14.6 3.3 0.0 0.2 0.2 0.2 0.0 0.0 0.0 0.0 0.2 (1.6) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 11.4	561.9 0.0 1.6 18.0 (3.0) 8.9 0.0 54.0 13.7 2.0 0.1 0.3 (5.6) (0.3) 0.0 5.6 0.0 0.2 0.6 0.0 0.2 0.6 0.0 0.2 75.6 75.8 (62.9) 12.9	3.7 1.9 18.6 (3.1) 10.3 0.0 55.8 13.9 3.1 0.0 0.1 0.4 (5.8) 0.3 0.0 0.0 0.2 2.3 0.0 115.6 107.0 (49.8) 57.2	572.5 0.0 1.6 18.0 (2.9) 23.7 0.1 54.0 13.9 3.2 0.2 0.1 0.6 (5.6) 1.2 0.0 0.0 6.4 4 0.0 0.0 6.4 4 0.0 0.0 0.4 1.7 7.7 0.0 0.0 7.4 1.8 9 82.6 (66.3) 16.3	640.8 0.0 1.6 18.6 (3.1) 28.5 0.1 55.8 14.3 2.9 0.4 0.1 0.6 (5.8) (0.6) 0.0 0.4 5.6 76.1 0.0 8.5 206.7 95.9 (47.3) 48.6

Exhibit No. 5 Case No. AVU-E-08-01 C. Kalich, Avista Schedule 2, p. 1 of 3

Exhibit 5									
AURORAXMP	Summary	Outp	ut—Proj	ject	Generation (aMW)			

	Ann	Jan	Feb	Mar	Apr	May	<u>Jun</u>	<u>Jui</u>	Aug	Sep	<u>Oct</u>	Nov	Dec
Hydro Projects				—									
Clark Fork	324.0	244.4	283.9	234.3	364.6	643.8	674.0	451.1	244.3	166.3	139.6	164.7	275.5
Cabinet Gorge	104.1	78.6	91.2	75.3	117.2	206.9	216.7	145.0	78.5	53.4	44.9	52.9	88.6
Noxon Rapids	219.8	165.8	192.6	159.0	247.4	436.8	457.3	306.1	165.8	112.8	94.7	111.7	275.5
TOTAL (aMW)	324.0	244.4	283.9	234.3	364.6	643.8	674.0	451.7	244.3	700.3	739.0	104.7	2/ 3.5
0	4074	400.0	445 4	464 4	474 7	474 E	159.0	00.2	55 1	78.0	96.1	119.8	131.2
Spokane River	25.5	28.1	20.2	324	34.5	34.5	31.8	19.9	11.1	15.7	19.3	24.1	26.4
	50.0	20.1 56.0	581	52. 4 64.6	687	68.7	63.2	39.7	22.1	31.2	38.5	48.0	52.5
Monroe Street	10.5	11.6	12.0	13.4	14.2	14.2	13.1	8.2	4.6	6.5	8.0	9.9	10.9
Nine Mile	20.1	22.2	23.0	25.6	27.2	27.2	25.1	15.7	8.7	12.4	15.2	19.0	20.8
Post Falls	12.8	14.1	14.6	16.2	17.3	17.2	15.9	10.0	5.5	7.8	9.7	12.0	13.2
Upper Fails	7.2	8.0	8.3	9.2	9.8	9.8	9.0	5.6	3.1	4.4	5.5	6.8	7.5
TOTAL (aMW)	127.1	139.9	145.1	161.4	171.7	171.5	158.0	99.2	55.1	78.0	96.1	119.8	131.2
										54 0		00.0	
Mid-Columbia- Contracts	68.7	93.1	76.0	61.5	77.6	88.4	99.1	90.7	65.6	51.8	58.7	29.3	33.2
Priest Rapids	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	157	16.6	18.8
Rocky Reach	20.4	25.9	19.8	16.1	21.9	22.5	20.0	20.2 46 P	21.0	27.1	310	0.0	0.0
Wanapum	32.9	48.3	41.1	33.1	40.4	4/.2	10.9	40.0	16.4	10.7	120	12.7	14.4
TOTAL (aMW)	687	931	76.0	61.5	77.6	88.4	99.1	90.7	65.6	51.8	58.7	29.3	33.2
Vista Hydro Adjustment	26.5	24.6	25.8	23.2	30.9	45.0	46.6	32.4	18.6	15.2	15.2	17.1	23.6
TOTAL	546.3	502.1	530.7	480.4	644.8	948.7	977.7	673.4	383.6	311.2	309.6	330.9	463.6
Thermals													
Boulder Park	0.7	0.2	0.4	0.1	0.7	0.7	0.3	1.7	2.4	1.9	0.2	0.1	0.1
Colstrip	197.5	209.0	212.6	204.6	175.0	142.2	161.0	207.9	212.5	212.4	210.9	212.6	209.2
Coyote Springs 2	148.2	103.8	132.0	113.6	93.5	63.1	71.1	161.5	223.4	222.1	200.8	47.1	105.5
Kettle Falls	38.1	43.2	46.4	45.7	44.8	1.5	0.0	42.7	40.7	40.0	47.0	47.1	40.3
Kettle Falls C1	0.6	0.2	0.2	0.2	0.4	0.4	0.2	1.2	0.0	0.0	0.5	0.0	0.0
Northeast Dethelase	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.1	0.0
TOTAL	286.9	256 4	201.6	364.2	214.5	208.2	232.7	423.8	497.1	484.5	465.9	481.3	421.3
IUIAL	300.3	550.4	537.0	504.6	014.0	200.2	202						
RESOURCE TOTAL	906.6	833.8	896.6	821.4	928.4	1,111.9	1,163.8	1,064.8	862.2	780.5	760.3	795.1	861.3
RESOURCE TOTAL	906.6	833.8	896.6	821.4	928.4	1,111.9	1,163.8	1,064.8	862.2	780.5	760.3	795.1	861.3
RESOURCE TOTAL	906.6	833.8	896.6	821.4	928.4	1,111.9	1,163.8	1,064.8	862.2	780.5	760.3	795.1	861.3
RESOURCE TOTAL Contracts Black Creek	906.6 0.4	833.8 0.0	896.6 0.0	821.4 0.0	928.4 0.0	1,111.9 0.0	1,163.8 0.0	1,064.8	862.2 0.0	0.0	5.0	795.1	<u>861.3</u>
RESOURCE TOTAL Contracts Black Creek DOPD	906.6 0.4 3.8	833.8 0.0 2.6	896.6 0.0 2.6	821.4 0.0 3.5	928.4 0.0 5.3	0.0 6.6	1,163.8 0.0 7.1	0.0 5.2	0.0 4.1	0.0 2.2	5.0 2.5	0.0 2.2	861.3 0.0 2.1
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1	906.6 0.4 3.8 25.0	833.8 0.0 2.6 25.0	896.6 0.0 2.6 25.0	0.0 3.5 25.0	928.4 0.0 5.3 25.0	0.0 6.6 25.0	0.0 7.1 25.0	0.0 5.2 25.0	0.0 4.1 25.0	0.0 2.2 25.0	5.0 2.5 25.0 (4.2)	0.0 2.2 25.0 (4.0)	861.3 0.0 2.1 25.0 (4.2)
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return	906.6 0.4 3.8 25.0 (4.1)	833.8 0.0 2.6 25.0 (4.2)	896.6 0.0 2.6 25.0 (4.1)	821.4 0.0 3.5 25.0 (4.0)	928.4 0.0 5.3 25.0 (4.1)	0.0 6.6 25.0 (4.0)	0.0 7.1 25.0 (4.1)	0.0 5.2 25.0 (4.2)	0.0 4.1 25.0 (4.0)	0.0 2.2 25.0 (4.1)	5.0 2.5 25.0 (4.2) 13.9	0.0 2.2 25.0 (4.0) 32.9	0.0 2.1 25.0 (4.2) 38.3
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Each LLC	906.6 0.4 3.8 25.0 (4.1) 17.8	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1	896.6 0.0 2.6 25.0 (4.1) 17.9	0.0 3.5 25.0 (4.0) 13.5	0.0 5.3 25.0 (4.1) 12.4	0.0 6.6 25.0 (4.0) 9.0	0.0 7.1 25.0 (4.1) 13.1	0.0 5.2 25.0 (4.2) 14.4 0.2	0.0 4.1 25.0 (4.0) 13.9 0.1	0.0 2.2 25.0 (4.1) 12.4 0.1	5.0 2.5 25.0 (4.2) 13.9 0.1	0.0 2.2 25.0 (4.0) 32.9 0.1	0.0 2.1 25.0 (4.2) 38.3 0.1
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75 0	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0	0.0 3.5 25.0 (4.0) 13.5 0.1 75.0	0.0 5.3 25.0 (4.1) 12.4 0.3 75.0	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0	0.0 7.1 25.0 (4.1) 13.1 0.3 75.0	0.0 5.2 25.0 (4.2) 14.4 0.2 75.0	0.0 4.1 25.0 (4.0) 13.9 0.1 75.0	0.0 2.2 25.0 (4.1) 12.4 0.1 75.0	5.0 2.5 25.0 (4.2) 13.9 0.1 75.0	0.0 2.2 25.0 (4.0) 32.9 0.1 75.0	0.0 2.1 25.0 (4.2) 38.3 0.1 75.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Direlacement	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17 5	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5	0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6	0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6	0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6	0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7	0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0	5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7	0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3	0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5	0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6	0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9	0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4	0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5	5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1	0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7	0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8	0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1	0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5	0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0	0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0	5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0	0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.4 0.2	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2	5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.2	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 1.3	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2	1,064.8 0.0 5.2 25.0 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4	5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6	0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.2 0.2 0.9	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 9 (7.8)	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8)	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8)	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8)	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8)	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8)	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8)	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8)	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8)	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8)	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8)	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.2 0.9 (7.8)	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8)
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 (7.8) 0.2	833.8 0.0 266 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4)	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4)	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8) (0.8)	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.8	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4)	5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8) (0.8)
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.4 0.2 0.9 (7.8) 0.2 (7.8) 0.2 0.0	833.8 0.0 26.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4) 0.0	896.6 0.0 266 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2 0.0	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8) (0.8) 0.0	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.8 0.0	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0	5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 2.2	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8) (0.8) 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 (7.8) 0.2 0.0 0.0 0.0	833.8 0.0 26.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4) 0.0 0.0 0.0	896.6 0.0 26.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2 0.0 0.0 0.0	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 0.0 0.0	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8) (0.8) 0.0 0.0	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.8 0.0 0.0	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 0.7	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0 0.1	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.9	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8) (0.8) 0.0 0.0 3.7
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 (7.8) 0.2 0.0 0.0 0.0 7.9	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4) 0.0 0.0 8.3	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2 0.0 0.0 8.9	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 0.0 8.1	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 0.0 8.2	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8) 0.0 0.0 0.0 8.1	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.8 0.0 0.0 8.4 0.0	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0 0.1	795.1 0.0 2.2 5.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 8.9 0.0	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8) 0.0 0.0 0.0 0.0 3.7 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 (7.8) 0.2 0.0 0.0 0.0 0.0 0.0 0.0	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4) 0.0 0 8.3 0.0 2.5	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2 0.0 0.0 8.9 0.0	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 8.1 0.0 8.1	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 8.2 0.0 8.2 0.0	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 6 0.6 1.2 (7.8) 0.0 0.0 0.0 9.6 0.0	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8) (0.8) 0.0 0.0 8.1 0.0	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.0 8.4 0.0 0.3	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 7.8 0.0 0.0 7.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0 0.1 0.0 8.1 0.0 0.3	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.0 8.9 0.0 0.5	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8) (0.8) 0.0 0.0 3.7 0.0 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 (7.8) 0.2 0.0 0.0 0.0 0.0 0.0 0.0 8 0.0	833.8 0.0 26 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4) 0.0 0.3 0.0 0.3 0.5 7.5	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 7.8 0.0 0.0 0.0 0.0 0.2 0.2 0.2 0.2	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2 0.0 0.0 0.0 8.9 0.0 1.2 8.8	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 8.1 0.0 10.6	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 8.2 0.0 1.6 10.4	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 8.0	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 27.6 4.1 0.0 0.4 (7.8) (0.8) 0.0 0.0 8.1 0.0 1.0 2.5	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.3 (7.8) 0.8 0.0 8.4 0.0 3.3 (2.1)	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 7.8 0.0 0.2 0.2 0.2	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.6 (7.8) 0.4 0.0 8.1 0.0 3.1	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 8.9 0.0 5.9	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 19.2 3.9 0.5 0.1 0.8 (7.8) (0.8) 0.0 0.0 0.0 0.0 3.7 0.5 5 0.5 7.5
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4) 0.0 0.0 0.0 8.3 3 0.0 0.5 7.5 1023	896.6 0.0 2.6 2.5.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 4.5 0.0 0.0 0.0 0.2 0.2 0.2 0.2 0.2	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2 0.0 0.0 8.9 9 0.0 1.2 9.8 505	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 8.1 0.0 1.6 10.6 50.5	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 8.2 0.0 1.6 10.4 0.0	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 27.6 4.1 0.0 0.4 0.6 (7.8) (0.8) 0.0 0.0 0.0 0.0 1.0 2.5 0.0	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.3 (7.8) 0.8 0.0 0.8 0.0 0.3 (7.8) 0.8 0.0 0.3 (2.1) 0.0	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.6 (7.8) 0.4 0.0 0.3 3.1	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.0 0.0 0.0 0.0 5 4.2 2 102.3	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 9.2 3.9 0.5 0.1 (0.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.5 7.5 5 102.3
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlach Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 0.2 0.0 0.0 0.0 7.9 0.0 0.0 0.0 7.9 0.0 0.0 0.0 7.9 0.0 0.0 8 6.0 4.2.1 0.0 0.8	833.8 0.0 26.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 0 (7.8) (0.4) 0.0 0.0 8.3 0.0 0.5 7.5 102.3 0.0	896.6 0.0 260 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.2 (4.1) 1.7.9 0.2 (4.1) 1.7.9 0.2 (4.1) 1.7.9 0.2 (4.1) 1.7.5 0.2 (4.1) 1.7.5 0.2 (7.0) 1.7.5 0.2 (7.0) 1.7.5 0.2 (7.0) 0.2 (7.0) 1.7.5 0.2 (7.0) 0.2 (7.0) 0.2 (7.0) 0.2 (7.0) 0.2 (7.0) 0.2 (7.0) 0.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 7.8) 1.2 0.0 0.0 8.9 0.0 1.2 9.8 50.5 0.0	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 8.1 0.0 1.6 10.6 50.5 0.0	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 8.2 0.0 1.6 10.4 0.0 0.0	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 1.6 8.0 0.0 0.0 0.0	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8) (0.8) 0.0 0.0 8.1 1.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.3 (7.8) 0.8 0.0 0.3 (2.1) 0.0 0.0	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 0.8 0.0 0.2 0.9 0.0 0.0	5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.6 (7.8) 0.4 0.0 0.3 3.1 0.0 0.0	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.9 (7.8) 1.7 0.0 0.5 4.2 102.3 0.0	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 9.2 3.9 0.5 0.5 0.8 (7.8) (0.8) 0.0 0.0 0.5 7.5 102.3 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.2 0.9 (7.8) 0.2 0.0 0.0 7.9 0.0 0.0 8 6.0 42.1 0.0 0.0	833.8 0.0 26.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 17.5 4.3 0.7 0.1 10 (7.8) 0.0 8.3 0.0 0.5 7.5 102.3 0.0 0.0	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 17.6 4.6 1.1 0.1 17.8 (7.8) 1.2 0.0 0.0 8.9 0.0 1.2 9.8 50.5 0.0 0.0	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 0.0 8.1 (0.4) 0.0 0.0 1.6 10.6 50.5 0.0 0.0	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 8.2 0.0 1.6 10.4 0.0 0.0 0.0	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 1.6 8.0 0.0 0.0 0.0	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8) (0.8) 0.0 0.0 8.1 0.0 1.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.8 0.0 0.3 (2.1) 0.0 0.0	780.5 0.0 2.2 5.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 7.8 0.0 0.2 0.9 0.0 0.0 0.0	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0 0.3 3.1 0.0 0.0	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.9 0.0 0.5 4.2 102.3 0.0 0.0	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8) (0.8) 0.0 0.5 7.5 102.3 0.0 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 (7.8) 0.2 0.0 0.0 0.0 7.9 0.0 0.0 0.0 8 6.0 42.1 0.0 0.0 0.0 0.0 0.0 10.5	833.8 0.0 26.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) 0.0 0.0 8.3 0.0 5.7 102.3 0.0 0.0 11.3	896.6 0.0 266 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2 0.0 0.0 8.9 0.0 0.0 8.9 0.0 0.0 1.2 9.8 50.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 0.0 8.1 0.0 0.0 8.1 0.0 0.0 1.6 10.6 50.5 0.0 0.0 9.7	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 8.2 0.0 8.2 0.0 1.6 10.4 0.0 0.0 9.3	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 9.6 0.0 0.0 0.0 0.0 0.0 7.5	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8) 0.0 0.0 8.1 0.0 0.0 1.0 2.5 0.0 0.0 0.0 1.2	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.8 0.0 0.3 (2.1) 0.0 0.0 0.0 11.4	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 0.0 0.2 0.4 0.0 0.0 0.0 0.0 0.2 0.9 0.0 0.0 0.0 0.1	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0 0.3 3.1 0.0 0.0 10.3	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.9 0.7.8) 1.7 0.0 0.5 4.2 102.3 0.0 10.3	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (0.8) 0.0 0.5 7.5 102.3 0.0 11.4
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 (7.8) 0.2 0.0 0.0 0.0 7.9 0.0 0.0 0.0 8.60 42.1 0.0 0.0 0.0 5 205.8	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) 0.0 0.0 8.3 0.0 0.5 7.5 102.3 0.0 0.3 0.0 11.3 265.4	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2 0.0 0.0 0.0 8.9 0.0 0.0 8.9 0.0 0.0 1.2 9.8 50.5 0.0 0.0 0.0 1.3 213.0	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 0.0 8.1 0.0 0.0 8.1 0.0 0.0 8.1 0.0 0.0 50.5 0.0 0.0 9.7 219.0	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 8.2 0.0 8.2 0.0 1.6 10.4 0.0 0.0 1.6 10.4 0.0 9.3 172.9	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.0 27.6 4.1 0.0 0.4 0.6 (7.8) 0.0 8.1 0.0 1.0 2.5 0.0 0.0 8.1 0.0 1.0 1.0 2.5 0.0 0.0 1.2 1.4 1.4 0.0 0.0 1.4 1.4 0.0 0.0 0.0 1.4 1.4 0.0 0.0 0.0 1.4 1.4 0.0 0.0 0.0 1.4 1.4 0.0 0.0 0.0 1.4 1.4 0.0 0.0 1.4 1.4 0.0 0.0 0.0 1.4 1.4 0.0 0.0 1.4 1.4 0.0 0.0 0.0 1.4 1.4 0.0 0.0 0.0 1.4 1.4 0.0 0.0 0.0 1.4 1.4 0.0 0.0 0.0 1.4 1.1 0.0 0.0 0.0 1.1 0.0 0.0 0.0	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.0 0.8 0.0 8.4 0.0 0.3 (2.1) 0.0 0.0 11.4	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 7.8 0.0 0.2 0.9 0.0 0.0 0.1 1.4	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0 0.3 11 0.0 0.3 10.3 155.4	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.9 0.7.8) 1.7 0.0 0.5 4.2 102.3 0.0 10.3 276.2	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8) (0.8) 0.0 0.0 0.0 0.5 7.5 102.3 0.0 0.5 11.4 277.9
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen <i>TOTAL</i>	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 (7.8) 0.2 0.9 (7.8) 0.2 0.9 (7.8) 0.2 0.9 0.0 0.0 0.0 1.0 5.0 0.0 0.0 0.0 1.0 0.2 0.2 0.2 0.4 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4) 0.0 0.3 0.0 0.5 7.5 102.3 0.0 0.1 1.3 265.4	896.6 0.0 26 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.7 9.4 102.3 0.0 0.11.4 263.6	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 75.0 17.6 4.6 1.1 0.3 1.2 0.0 8.9 0.0 1.2 9.8 50.5 0.0 11.3 213.0	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 1.6 10.6 50.5 0.0 0.0 9.7 219.0	1,111.9 0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.3 1.3 (7.8) 1.2 0.0 8.2 0.0 1.6 10.4 0.0 0.0 9.3	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 9.6 0.0 9.6 0.0 0.0 0.0 7.5 172.8	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 0.4 (0.8) 0.0 8.1 0.0 8.1 0.0 1.0 2.5 0.0 0.0 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.0 8.4 0.0 0.3 (2.1) 0.0 149.7	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 0.0 7.8 0.0 0.2 0.9 9 0.0 0.0 0.14 146.7	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0 0.3 3.1 0.0 0.3 3.1 0.0 0.0 0.13 3.5 155.4	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.9 (7.8) 1.7 0.0 0.0 8.9 0.0 0.5 4.2 102.3 0.0 10.3 276.2	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8) (0.8) 0.0 0.0 3.7 0.0 0.0 0.0 3.7 5.5 102.3 0.0 0.0 0.0 0.0 11.4 277.9
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen <i>TOTAL</i>	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.2 0.4 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	833.8 0.0 26 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4) 0.0 0.3 0.0 0.5 7.5 102.3 0.0 0.0 0.1 1.3 265.4	896.6 0.0 2.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 17.5 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 1.3 (7.8) 1.2 0.0 0.0 1.2 9.8 50.5 50.0 0.0 11.3 213.0	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 0.0 8.1 0.0 1.6 10.6 50.5 0.0 0.0 9.7 219.0	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 8.2 0.0 1.6 10.4 0.0 0.0 9.3 172.9	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 0.3 1.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.6 8.0 0.0 0.0 7.5 172.8	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.0 27.6 (4.1) 0.0 0.4 (0.8) 0.0 0.0 0.0 8.1 0.0 1.0 2.5 0.0 0.0 1.2 162.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.3 (7.8) 0.8 0.0 0.3 (7.8) 0.8 0.0	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.4 (7.8) (0.4) 0.0 0.7.8 0.0 0.2 0.9 0.0 0.0 11.4 146.7	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0 0.3 3.11 0.0 0.0 0.1 10.3 155.4	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.9 (7.8) 1.7 0.0 0.9 (7.8) 1.7 0.0 0.0 0.0 0.10 3.276.2	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 19.2 3.9 0.5 0.1 19.2 3.9 0.5 0.1 0.8 (7.8) (0.8) 0.0 0.0 0.0 3.7 0.0 0.5 102.3 0.0 0.0 11.4 277.9 128.0 129.0 129.0 11.4 129.0 12
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen TOTAL Market Transactions	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 9 (7.8) 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	833.8 0.0 26 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (0.4) 0.0 0.3 0.0 0.5 7.5 102.3 0.0 0.0 11.3 265.4	896.6 0.0 266 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 17.5 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 77.6 4.6 1.1 0.1 77.6 4.6 1.1 0.1 77.6 4.6 1.1 0.0 0.0 0.0 1.2 9.8 50.5 0.0 0.0 1.2 9.12 213.0	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 1.6 10.6 50.5 0.0 0.0 9.7 219.0 27.3	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 1.6 10.4 0.0 0.0 9.3 172.9 5.6	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.2 75.0 27.6 4.1 0.0 0.4 0.6 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.10 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 11.2 162.7 34.8	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.3 (7.8) 0.8 0.0 0.3 (7.8) 0.8 0.0 0.0 0.0 0.1 1.4 1.49.7	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 0.0 0.7.8 0.0 0.2 0.9 0.0 0.0 11.4 146.7 1055.3 (197.4)	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 18.7 4.1 0.0 0.6 (7.8) 0.4 0.0 0.3 3.1 0.0 0.0 0.0 10.3 155.4	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.0 0.5 4.2 102.3 0.0 0.0 10.3 276.2 114.8 (22.1) 114.8	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 19.2 3.9 0.5 0.5 0.8 (7.8) (0.8) 0.0 0.0 0.0 0.0 10.2 3.9 0.5 0.5 0.1 75.0 19.2 3.9 0.5 0.5 0.1 75.0 19.2 3.9 0.5 0.1 75.0 19.2 3.9 0.5 0.1 75.0 0.8 0.0 0.0 19.2 3.9 0.5 0.5 0.1 19.2 3.9 0.5 0.1 19.2 3.9 0.5 0.1 19.2 3.9 0.5 0.1 19.2 3.9 0.5 0.1 19.2 3.9 0.5 0.1 19.2 3.9 0.5 0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlach Wind Contract Load Following Contracts Sheep Creek Upriver WIP-3 ST Purchases SMUD Thompson River Co-Gen TOTAL Market Transactions Market Purchases Market Purchases	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 9(7.8) 0.2 0.0 0.0 0.0 7.9 0.0 0.0 0.0 10.5 205.8 85.0 (10.5 27.5 10.5 10.5 20.5 10.5 20.5 10.5 20.5 10.5 10.5 20.5 10.5 20.5 10.5 20.5 10.5 20.5 10.5 20.	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 0 (7.8) (0.4) 0.0 0.0 8.3 0.0 0.5 7.5 102.3 0.0 0.0 11.3 265.4 185.2 (50.5)	896.6 0.0 26 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 17.5 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 17.6 1.3 (7.8) 1.2 0.0 0.0 1.2 9.8 50.5 0.0 0.0 1.2 9.8 50.5 0.0 0.0 1.2 9.8 50.5 0.0 0.0 1.2 9.8 50.5 0.0 0.0 1.2 9.8 50.5 0.0 0.0 1.2 9.8 50.5 0.0 0.0 1.2 9.5 0.0 1.2 9.5 0.0 1.2 9.5 0.0 1.2 9.5 0.0 1.2 5 0.0 1.2 5 0.0 1.2 5 0.1 1.5 5 0.1 1.5 5 1.2 5 0.1 1.5 5 1.2 5 0.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 1.6 10.6 50.5 0.0 0.0 9.7 219.0 27.3 (28.2) 27.3	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 1.2 0.0 0.0 1.6 10.4 0.0 0.0 1.6 10.4 0.0 0.0 9.3 172.9 5.6 (40.7) (708.4)	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.6 8.0 0.0 0.0 7.5 172.8 7.4 (416) 31 (416) 32 (416) 32 (417) 32 (416) 32 (4	1,064.8 0,0 5,2 25,0 (4,2) 14,4 0,2 75,0 27,6 4,1 0,0 0,2 75,0 (4,2) 14,4 0,2 75,0 27,6 4,1 0,0 0,4 0,6 (7,8) (0,8) 0,0 0,0 1,0 2,5 (1,2) 1,4 4,1 0,0 0,4 1,4 0,0 0,0 0,2 1,4 1,4 0,0 0,2 1,4 1,4 0,0 0,2 1,5 1,4 1,4 0,0 0,4 1,5 1,6 1,6 1,6 1,6 1,6 1,6 1,6 1,6	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.3 (7.8) 0.8 0.0 0.3 (2.1) 0.0	780.5 0.0 2.2 25.0 (4.1) 12.4 0.1 75.0 0.4 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 0.2 0.9 0.0 0.0 11.4 146.7 105.3 (87.4) 17.9	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 18.7 4.1 0.0 0.6 (7.8) 0.4 0.0 0.3 3.1 0.0 0.0 0.0 10.3 155.4 143.8 (66.9) 76.9	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.0 0.5 4.2 102.3 0.0 0.5 4.2 102.3 0.0 10.3 276.2 114.8 (22.1) 22.7 (22.1) 22.7 (4.0) 22.7 (4.0) (7.8) (1.7) (0.0) (0.0) (0.0) (1.7) (1.7) (1.7) (1.2) (1.7) (1.2) (1.7) (1.2) (1.2) (1.7) (1.2) (1.	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 19.2 3.9 0.5 0.1 (6.8) 0.0 0.0 0.0 0.0 0.0 11.4 277.9 128.9 (63.5) 65.4 (65.5) 65.4 (65.5) 65.4 (65.5)
RESOURCE TOTAL Contracts Black Creek DOPD Market Contract 1 Can Ent Return Grant County Clark Fork LLC Market Contract 2 Grant Displacement Stimson Lumber Jim Ford Creek John Day Creek Meyers Falls Nichols Pumping PGE CapExch Phillips Ranch Potlatch Wind Contract Load Following Contracts Sheep Creek Upriver WNP-3 ST Purchases SMUD Thompson River Co-Gen TOTAL Market Transactions Market Purchases Market Sales	906.6 0.4 3.8 25.0 (4.1) 17.8 0.2 75.0 22.2 4.2 0.4 0.2 0.9 (7.8) 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	833.8 0.0 2.6 25.0 (4.2) 21.6 0.1 75.0 17.5 4.3 0.7 0.1 1.0 (7.8) (0.4) 0.0 0.0 (7.8) (0.4) 0.0 0.0 5 7.5 102.3 0.0 0.0 11.3 265.4 185.2 (50.5) 134.7	896.6 0.0 26.6 25.0 (4.1) 17.9 0.2 75.0 17.5 4.5 0.8 0.0 1.2 (7.8) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	821.4 0.0 3.5 25.0 (4.0) 13.5 0.1 75.0 17.6 4.6 1.1 0.1 75.0 17.6 4.6 1.1 0.1 75.0 17.6 17.6 17.6 17.6 17.6 17.6 17.6 1.2 0.0 0.0 0.0 1.2 9.8 50.5 0.0 0.0 11.3 213.0 91.2 (110.0) (18.7)	928.4 0.0 5.3 25.0 (4.1) 12.4 0.3 75.0 26.2 4.3 1.0 0.1 1.3 (7.8) (0.4) 0.0 1.6 10.6 50.5 0.0 0.0 9.7 219.0 27.3 (221.3)	0.0 6.6 25.0 (4.0) 9.0 0.3 75.0 31.8 3.9 0.5 0.5 1.3 (7.8) 1.2 0.0 0.0 8.2 0.0 1.6 10.4 0.0 0.0 1.6 10.4 0.0 0.0 1.6 10.4 0.0 9.3 172.9 5.6 (403,7) (398,1)	1,163.8 0.0 7.1 25.0 (4.1) 13.1 0.3 75.0 31.6 3.9 0.2 0.6 1.2 0.6 1.2 0.6 1.2 0.6 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 7.5 172.8 7.4 (416.6) (409.3)	1,064.8 0.0 5.2 25.0 (4.2) 14.4 0.2 75.0 27.6 4.1 0.2 0.4 0.6 (7.8) (0.8) 0.0 0.1 2.5 0.0 0.0 1.0 2.5 0.0 0.0 1.1 0.0 0.0 1.1.2 162.7 34.8 (235.1) (200.3)	862.2 0.0 4.1 25.0 (4.0) 13.9 0.1 75.0 19.7 4.4 0.0 0.2 0.3 (7.8) 0.8 0.0 0.3 (2.1) 0.0	780.5 0.0 2.2 5.0 (4.1) 12.4 0.1 75.0 19.0 4.5 0.0 0.2 0.4 (7.8) (0.4) 0.0 0.0 0.0 0.0 0.2 0.4 (7.8) (0.4) 0.0	760.3 5.0 2.5 25.0 (4.2) 13.9 0.1 75.0 18.7 4.1 0.0 18.7 4.1 0.0 0.2 0.6 (7.8) 0.4 0.0 0.3 3.1 0.0 0.0 10.3 155.4 143.8 (66.9) 76.9	795.1 0.0 2.2 25.0 (4.0) 32.9 0.1 75.0 19.3 4.4 0.2 0.9 (7.8) 1.7 0.0 0.9 (7.8) 1.7 0.0 0.0 0.5 4.2 102.3 100.3 276.2 114.8 (92.1) 22.7	861.3 0.0 2.1 25.0 (4.2) 38.3 0.1 75.0 19.2 3.9 0.5 0.1 0.8 (7.8) 0.0 0.0 0.5 7.5 102.3 0.0 0.0 0.1 0.2 128.9 (63.5) 65.4

Exhibit No. 5 Case No. AVU-E-08-01 C. Kalich, Avista Schedule 2, p. 2 of 3

Exhibit 5	
AURORA _{XMP} Summary Output—Project Costs (\$000s)

	Ann	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	Apr	May	Jun	Jul	Aug	Sep	Oct	<u>Nov</u>	Dec
Hydro Projects		_											
Clark Fork	0	0	0	0	0	0	0	0	0	0	0	0	0
Cabinet Gorge	0	0	0	0	0	0	0	0	0	0	0	0	0
Noxon Rapids	0	0	0	0	0	0	0	0	0	0	0	0	0
ΤΟΤΑ	L 0	0	0	0	0	0	0	0	0	0	0	0	0
Outline Direct		•		•	•	•	•	•	•	0	0	0	0
Spokane River	0	0	0	0	0	0	0	0	0	Ň	0	ň	ő
	0	0	U O	0	0	0	0	0	Ň	0	0	ő	ő
Long Lake	U	Ů	0	0	0	0	0		0	Ň	Ň	ő	ŏ
Monroe Street	0	0	0	0	0	0	0	0	0		ň	õ	ň
	Ű	ů,	0	0	0	0	0	ň	0	0	ň	ň	ň
Post Falls	0	0	0	0	0	0	0	0	0	ň	ň	ň	ň
	, , , , , , , , , , , , , , , , , , , 			<u> </u>			0	ŏ	0	- Ū	Ő	<u>0</u>	
1014	- •	v	Ŭ	v	v	•	•	•	•	-	•		
Mid-Columbia- Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0
Priest Rapids	0	0	0	0	0	0	0	0	0	0	0	0	0
Rocky Reach	0	0	0	0	0	0	0	0	0	0	0	0	0
Wanapum	0	0	0	0	0	0	0	0	0	0	0	0	0
Wells	0	0	0	0	0	0	0	0	0	0	0	0	<u> </u>
τοτα	L 0	0	0	0	0	0	0	0	0	0	Ű	U	0
Avista Hydro Adjustmer	nt <u> </u>	0	0	0	0	0	0	0	<u> </u>	0	0	0	<u> </u>
τοτα	L 0	0	0	0	0	0	U	U	U	U	0	v	U
Thermole													
Inermais	400		~	-	20	26	10		120	09	12	7	7
Boulder Park	400	1 740	1 6 00	1 705	1 / 1 1	1 1 80	1 307	1 7 3 4	1 771	1 713	1 757	1 714	1.743
Counte Springe 2	70 663	4 576	5.248	4 8 7 5	3 4 5 5	2398	2 647	6,297	8,722	8,400	8.112	8,788	7.146
Kettle Falle	11 811	1 143	1 1 0 2	1 202	1 145	41	2,017	1 1 30	1.228	1.171	1.234	1,196	1.219
Kettle Falls CT	354	0	11	1,202	20	21	12	60	90	76	18	18	10
Northeast	0	ő	0	ő	-0	0	0	0	0	Ő	0	0	0
Bathdrum	1.373	ŏ	3	ŏ	5	19	7	578	676	41	40	4	0
TOTA	L 104,056	7,485	7,984	7,798	6,074	3,705	3,986	9,887	12,617	11,498	11,173	11,727	10,125
	•			-	-								
RESOURCE TOTA	L 104,056	7,485	7,984	7,798	6,074	3,705	3,986	9,887	12,617	11,498	11,173	11,727	10,125
• • • •													
Contracts	407		•	•	•	•	•	•	•	0	107	0	0
Black Creek	197	40	0	57		100	111	95	66	35	42	35	35
DOPD Market Contract 1	131	42	500	640	601	642	621	642	642	621	642	621	642
Con Ent Poture	7,556	042	500	042	021	042	021	042	-0	0	0	0	0
Grant County	8 473	818	663	525	408	274	333	547	612	491	552	1.498	1.751
Clark Fork LLC	117	0.0	10	010	16	17	17	11	6	4	3	6	9
Market Contract 2	20 192	1 715	1 5 4 9	1 7 1 5	1 660	1 7 1 5	1.660	1.715	1.715	1.660	1.715	1.660	1,715
Grant Displacement	5.824	389	354	394	565	711	683	616	439	410	418	416	429
Stimson Lumber	2.079	194	182	159	145	136	131	186	196	195	185	193	177
Jim Ford Creek	234	44	49	37	32	18	7	0	0	0	1	15	32
John Day Creek	82	4	2	3	3	12	14	11	7	6	5	8	6
Mevers Falls	375	35	38	45	44	46	40	22	10	13	21	30	30
Nichols Pumping	(3,394)	(291)	(284)	(296)	(253)	(237)	(201)	(291)	(327)	(299)	(296)	(307)	(312)
PGE CapExch	Ó	Ò	ົ່ວ	ÒÓ	ÒÓ	Ò	Ò	0	0	0	0	0	0
Phillips Ranch	1	0	. 0	0	0	0	1	0	0	0	0	0	0
Potlatch	0	0	0	0	0	0	. 0	0	0	0	0	0	0
Wind Contract	2,743	245	182	262	230	242	275	240	247	222	238	253	108
Load Following Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep Creek	426	27	34	51	54	51	45	43	23	19	22	30	29
Upriver	2,017	246	277	249	262	264	197	83	(68)	28	101	134	245
WNP-3	13,333	2,753	2,487	1,359	1,316	0	0	0	0	0	0	2,664	2,753
ST Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0
SMUD	(8,561)	(737)	(574)	(652)	(658)	(836)	(987)	(828)	(688)	(666)	(661)	(609)	(664)
Thompson River Co-Gen	5,119	466	425	467	387	382	301	461	470	455	424	410	4/1 7 456
τοτΑ	L 57,553	6,602	6,012	5,025	4,915	3,545	3,247	3, 543	3,350	3,794	3,010	7,050	7,400
Market Transactions													
Market Durchases	51 207	8 017	A 175	A A 6A	1 274	206	334	2134	5 110	5,586	7.105	5,625	6,476
Market Salee	(65 DEA)	(2 DAE)	1,1/3	14 4 281	(8 207)	(12 404)	(10 414)	(8,431)	(3 643)	(3,056)	(2.496)	(3,771)	(2,684)
TOTA	L (13.653)	6.772	793	38	(6,933)	(12,198)	(10,079)	(6, 297)	1,467	2,530	4,609	1,854	3,792
	(10,000)	-,			(-,)					-	-		
Fuel and Market Only	90,403	14,256	8,777	7,835	(859)	(8,493)	(6,093)	3,590	14,084	14,027	15,782	13,581	13,916
					/	/ ~ ~	·	(a = a 1	(0071	1400	(400)	(225)	(470)
Fuel Transport Adjustment	(1,748)	(123)	(140)	(1 35)	(85)	(60)	(65)	(157)	(207)	(198) 22	(789) AF	(220) 37	(170)
Startup ruer Adustment	402 90 427	72 14 405	JD 9 6 7 2	41 7740	3/ /0061	23 /8 5 201	JJ /6 1101	2 51A	13 020	13,852	15.639	13.392	13,768
i Utali	a 9,737	14,785	0,0/3	1,140	(ano)	(0,000)	(0,119)	5,014	13,323	10,002	10,000	,	

Exhibit No. 5 Case No. AVU-E-08-01 C. Kalich, Avista

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