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BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION) CASE NO. AVU-E-12-08
OF AVISTA CORPORATION FOR THE) CASE NO. AVU-G-12-07
AUTHORITY TO INCREASE ITS RATES)
AND CHARGES FOR ELECTRIC AND)
NATURAL GAS SERVICE TO ELECTRIC) DIRECT TESTIMONY
AND NATURAL GAS CUSTOMERS IN THE) OF
STATE OF IDAHO) ELIZABETH M. ANDREWS
)

FOR AVISTA CORPORATION

(ELECTRIC AND NATURAL GAS)

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13	Exh	ibit No. 10:	
14		Schedule 1 - Electric Revenue Requirement and	
15		Results of Operations (pgs	1-9)
16		Schedule 2 - Natural Gas Revenue Requirement and	
17		Results of Operations (pgs	1-9)
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1 <u>I. INTRODUCTION</u>

- 2 Q. Please state your name, business address, and
- 3 present position with Avista Corporation.
- 4 A. My name is Elizabeth M. Andrews. I am employed by
- 5 Avista Corporation as Manager of Revenue Requirements in the
- 6 State and Federal Regulation Department. My business
- 7 address is 1411 East Mission, Spokane, Washington.
- 8 Q. Would you please describe your education and
- 9 business experience?
- 10 A. I am a 1990 graduate of Eastern Washington
- 11 University with a Bachelor of Arts Degree in Business
- 12 Administration, majoring in Accounting. That same year, I
- 13 passed the November Certified Public Accountant exam,
- 14 earning my CPA License in August 1991. I worked for
- 15 Lemaster & Daniels, CPAs from 1990 to 1993, before joining
- 16 the Company in August 1993. I served in various positions
- 17 within the sections of the Finance Department, including
- 18 General Ledger Accountant and Systems Support Analyst until
- 19 2000. In 2000, I was hired into the State and Federal
- 20 Regulation Department as a Regulatory Analyst until my
- 21 promotion to Manager of Revenue Requirements in early 2007.
- 22 I have also attended several utility accounting, ratemaking
- and leadership courses.

 $^{^{\}rm 1}$ Currently I keep a CPA-Inactive status with regards to my CPA license. Andrews, Di $$\rm 2$$

1 Q. Would you briefly describe your responsibilities?

- 2 A. Yes. As Manager of Revenue Requirements, I am
- 3 responsible for the preparation of normalized revenue
- 4 requirement and pro forma studies for the various
- 5 jurisdictions in which the Company provides utility
- 6 services. During the last twelve years, I have assisted or
- 7 led the Company's electric and/or natural gas general rate
- 8 filings in Idaho, Washington and Oregon.
- 9 Q. What is the scope of your testimony in this
- 10 proceeding?
- 11 A. My testimony and exhibits in this proceeding will
- 12 cover accounting and financial data in support of the
- 13 Company's need for the proposed increase in rates. I will
- 14 explain pro formed operating results, including expense and
- 15 rate base adjustments made to actual operating results and
- 16 rate base. In addition, I incorporate the Idaho share of
- 17 the proposed adjustments of other witnesses in this case.
- 18 Q. Are you sponsoring any exhibits to be introduced
- 19 in this proceeding?
- 20 A. Yes. I am sponsoring Exhibit No. 10, Schedule 1
- 21 (Electric) and Schedule 2 (Natural Gas), which were prepared
- 22 under my direction. These exhibits consist of worksheets,
- 23 which show actual twelve months ended June 30, 2012
- 24 operating results, pro forma, and proposed electric and
- 25 natural gas operating results and rate base for the State of

- 1 Idaho. The exhibits also show the calculation of the
- 2 general revenue requirement, the derivation of the Company's
- 3 overall proposed rate of return, the derivation of the net-
- 4 operating-income-to-gross-revenue-conversion factor, and the
- 5 specific pro forma adjustments proposed in this filing.

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II. COMBINED REVENUE REQUIREMENT SUMMARY

- 8 Q. Would you please summarize the results of the
- 9 Company's pro forma study for both the electric and natural
- 10 gas operating systems for the Idaho jurisdiction?
- 11 A. Yes. After taking into account all standard
- 12 Commission Basis adjustments, as well as additional pro
- 13 forma and normalizing adjustments, the pro forma electric
- 14 and natural gas rates of return ("ROR") for the Company's
- 15 Idaho jurisdictional operations are 7.32% and 5.84%,
- 16 respectively. Both return levels are below the Company's
- 17 requested rate of return of 8.46%. The incremental revenue
- 18 requirement necessary to give the Company an opportunity to
- 19 earn its requested ROR is \$11,393,000 for the electric
- 20 operations and \$4,561,000 for the natural gas operations.
- 21 The overall base electric increase associated with this
- request is 4.58%. The base natural gas increase is 7.20%.
- 23 Q. What are the Company's rates of return that were
- 24 last authorized by this Commission for its electric and gas
- 25 operations in Idaho?

- 1 A. The Company's last authorized rate of return for
- 2 its Idaho operations was 8.55%, effective October 1, 2010
- 3 for both our electric and natural gas systems.²

4 Q. What are the primary factors driving the Company's

5 need for an electric and natural gas increases?

- 6 A. Approximately 70% of the Company's electric
- 7 revenue requirement, and 48% for natural gas, is due to an
- 8 increase in Net Plant Investment (including return or
- 9 investment, depreciation and taxes, and offset by the tax
- 10 benefit of interest).³
- 11 The remaining revenue requirement request is due to
- 12 increases in distribution, operation and maintenance (O&M),
- 13 and administrative and general (A&G) expenses for both
- 14 electric and natural gas operations. However, the increased
- 15 costs for electric operations are partially offset by a
- 16 reduction in net power supply and transmission expenditures.
- 17 Also impacting the Company's electric request, the
- 18 Company has included an Energy Efficiency Load Adjustment
- 19 (EELA) increasing the Company's revenue requirement by
- 20 approximately \$1.6 million. As explained by Company Witness

 $^{^2}$ For the 2011 cases (AVU-E-10-01 & AVU-G-10-01), which had rates effective October 1, 2011, the Parties to the cases agreed to black box settlements, therefore, the ROR was not specified.

³ These figures represent an approximate breakdown of amounts between the Company's request in this case compared to that approved in the Company's prior general rate case proceeding (Case Nos. AVU-E-11-01 and AVU-G-11-01). Due to the black-box nature of the Company's prior settlement approved by the IPUC in Case Nos. AVU-E-11-01 and AVU-G-11-01, the Company made certain assumptions as to the amounts approved for various rate base and expense items in order to create the estimate of the breakdown of the rate increase request.

- 1 Mr. Ehrbar, the reduced load from the EELA causes an
- 2 increase in revenue requirement in each of the major cost
- 3 categories, because the foregone retail revenue from the
- 4 load reduction is designed to recover costs in each of the
- 5 categories.
- 6 Q. What were the major components of the increased
- 7 net plant investment included in the Company's electric and
- 8 natural gas filings?
- 9 A. Looking at the changes to "gross" plant in
- 10 service, Idaho "gross" plant increased by approximately
- 11 \$37.2 million electric and \$12.3 million natural gas, as
- 12 compared to what was included in the last rate case. In
- 13 order to meet the energy and reliability needs of our
- 14 customers, \$15.4 million of the electric "gross" plant
- 15 increase is due to the Company's investment in thermal and
- 16 hydro generating facilities, as well as additional
- 17 transmission investment. Electric distribution "gross"
- 18 plant increased \$10.0 million above that included in the
- 19 last rate case, while the electric portion of general and
- 20 intangible "gross" plant increased \$11.8 million.
- 21 Related to gas, \$8.2 million of the natural gas "gross"
- 22 plant increase is due to the Company's investment in natural
- 23 gas distribution plant above that included in the last rate
- 24 case, while the natural gas portion of general "gross" plant
- 25 increased \$4.1 million.

- 1 The specific 2012 and 2013 pro forma capital
- 2 expenditures undertaken by the Company to expand and replace
- 3 its generation, transmission and distribution facilities are
- 4 discussed further by Company witnesses Mr. Lafferty
- 5 regarding production assets, and Mr. Kinney regarding
- 6 transmission and distribution assets. In addition to
- 7 discussing the actual restating and pro forma adjustments
- 8 regarding net plant investment, Company witness Mr. DeFelice
- 9 also describes all remaining 2012 and 2013 plant additions
- 10 not described by Mr. Lafferty and Mr. Kinney.
- 11 Q. Mr. DeFelice explains the restating pro forma
- 12 capital adjustments included in this case. Could you please
- 13 briefly describe the conclusions drawn by Mr. DeFelice
- 14 regarding the increased capital investment?
- 15 A. Yes. As described in Mr. DeFelice's testimony,
- 16 the Company is making substantial new investment in its
- 17 electric and natural gas system infrastructure to address
- 18 the replacement and maintenance of Avista's aging system,
- 19 and to sustain reliability and safety. As soon as this new
- 20 plant is placed in service, the Company must start
- 21 depreciating the new plant and incur other costs related to
- 22 the investment. Unless this new investment is reflected in
- 23 retail rates in a timely manner, it has a negative impact on
- 24 Avista's earnings, particularly because the new plant is
- 25 typically far more costly to install than the cost of the

- 1 plant that was embedded in rates decades earlier. As plant
- 2 is completed and is providing service to customers, it is
- 3 appropriate for the Company to receive timely recovery of
- 4 the costs associated with that plant.
- 5 Q. Could you please provide additional details
- 6 related to the changes in electric production and
- 7 transmission expense?
- 8 A. Yes. As discussed in Company witness Mr. Johnson's
- 9 testimony, the level of Idaho's share of power supply
- 10 expense has decreased by approximately \$4.7 million (\$13.56)
- 11 million on a system basis) from the level included in the
- 12 last rate case.
- 13 This decrease in pro forma power supply expense over
- 14 the expense included in the last rate case is primarily a
- 15 result of lower natural gas and power prices. For example,
- 16 the natural gas price included in the Company's AURORA model
- 17 has decreased from an annual average of \$4.62/dth to
- 18 \$3.44/dth. The average modeled power purchase price has
- 19 decreased from \$40.45/MWh to \$28.33/MWh. In addition, pro
- 20 forma system loads are lower by 3.2 average megawatts (aMW)
- 21 than the load included in the last rate case. Mr. Johnson
- 22 discusses in further detail the changes in power supply
- 23 expenses.
- 24 The reduction in power supply expense is partially
- 25 offset by increased generation expense of approximately \$2.2

- 1 million, including one-third of the three-year amortization
- 2 of deferred Colstrip & Coyote Springs 2 (CS2) operation and
- 3 maintenance (O&M) expense of \$1.3 million, (Idaho share)
- 4 and increased hydro generation major maintenance expense of
- 5 \$907,000 (Idaho share) planned in 2013.
- 6 Lastly, pro forma net transmission expenditures
- 7 decreased, mainly due to approximately \$3.8 million (System)
- 8 of increased electric revenues from various contracts,
- 9 including the BPA Parallel Capacity support contract and a
- 10 reduction in expenses from that included in the last rate
- 11 case of \$1.9 million (System) associated with the
- 12 Transmission Line Ratings Confirmation Plan to be completed
- in 2013, as discussed by Mr. Kinney.
- 14 Q. Could you please identify the main components of
- 15 the distribution, O&M and A&G expense changes included in
- 16 the Company's filing?
- 17 A. Yes. A number of expense items have increased
- 18 since the 2010 test year pro forma used in the last rate
- 19 case. For example, employee benefits such as wages, pension
- 20 and post-retirement medical expenses have increased.
- 21 We are utilizing a June 30, 2012 twelve-months-ended
- 22 test year. The Company has included a number of pro forma

 $^{^4}$ As approved in Case No. AVU-E-11-01, the Company is amortizing prior year's deferred operation and maintenance (O&M) expense (the amount of actual costs in excess of costs included in base rates for 2011 and 2012) related to the Company's Coyote Springs 2 (CS2) natural gas-fired generating plant and Avista's 15 percent ownership share of the Colstrip 3 & 4 coal-fired generating plants, over a three-year period.

- 1 adjustments to capture some of the cost changes that the
- 2 Company will experience from the test year. In particular,
- 3 the Company has pro formed in the increased costs associated
- 4 with compensation, including labor, pension and medical
- 5 expense increases of approximately \$2.4 million electric and
- 6 \$700,000 natural gas, and increases in Information Systems
- 7 and Technology expenses of approximately \$345,000 electric
- 8 and \$74,000 natural gas, which equates to approximately 45%
- 9 of the electric and 30% of the natural gas additional
- 10 increases in distribution, O&M and A&G expense included in
- 11 the Company's filing. The majority of the remaining
- 12 increases reflect net increases in costs over the 18-month
- 13 period since the Company's last general rate case filing.

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III. DERIVATION OF REVENUE REQUIREMENT

16 Test Period for Ratemaking Purposes

- 17 Q. On what test period is the Company basing its need
- 18 for additional electric and natural gas revenue?
- 19 A. The test period being used by the Company is the
- 20 twelve-month period ending June 30, 2012, presented on a pro
- 21 forma basis. Currently authorized rates, effective October
- 22 1, 2011, were based upon the twelve-months ending December
- 23 31, 2010 test year utilized in cases AVU-E-11-01 and AVU-G-
- 24 11-01, adjusted on a pro forma basis.

Revenue Requirement

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2 Q. Would you please explain what is shown in Exhibit

3 No. 10, Schedules 1 and 2?

4 Exhibit No. 10, Schedules 1 and 2, show Α. actual and pro forma electric and natural gas operating 5 results and rate base for the test period for the State of 6 7 Idaho. Column (b) of page 1 of Exhibit No. 10, Schedules 1 8 and 2, show June 30, 2012 actual operating results and 9 components of the average-of-monthly-average rate base as 10 recorded⁵; column (c) is the total of all adjustments to net 11 operating income and rate base; and column (d) is pro forma 12 results of operations, all under existing rates. Column (e) 13 shows the revenue increase required which would allow the 14 Company to earn an 8.46% rate of return. Column reflects pro forma operating results with the requested 15 16 increase of \$11,393,000 for electric and \$4,561,000 for 17 natural gas. The restating adjustments shown in columns 18 (1.01) through (2.13), of pages 6 through 10 of Exhibit No. 10, Schedule 1 (electric), and columns (1.01) through 19 20 (2.09), of pages 6 through 10 of Exhibit No. 10, Schedule 2 21 are consistent with current regulatory (natural gas) 22 principles and the manner in which they have been addressed 23 in recent cases.

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⁵ Actual <u>plant</u> rate base (cost, accumulated depreciation and associated DFIT) uses the AMA December 31, 2011 balances. Plant rate base is adjusted to a 2013 AMA basis with restating and pro forma adjustments.

- 1 Q. Would you please explain page 2 of Exhibit No. 10,
- 2 Schedules 1 and 2?
- A. Yes. Page 2 of Schedule 1 shows the calculation
- 4 of the \$11,393,000 revenue requirement for electric and Page
- 5 2 of Schedule 2 shows the calculation of the \$4,561,000
- 6 revenue requirement for natural gas at the requested 8.46%
- 7 rate of return.
- 8 Q. What does page 3 of Exhibit No. 10, Schedules 1
- 9 and 2 show?
- 10 A. Page 3 shows the proposed Cost of Capital and
- 11 Capital Structure utilized by the Company in this case, and
- 12 the weighted average cost of capital of 8.46%. Company
- 13 witness Mr. Thies discusses the Company's proposed rate of
- 14 return and the pro forma capital structure utilized in this
- 15 case, while Company witness Dr. Avera provides additional
- 16 testimony related to the appropriate return on equity for
- 17 Avista.
- 18 Q. Would you now please explain page 4 of Exhibit No.
- 19 10, Schedules 1 and 2?
- 20 A. Yes. Page 4 shows the derivation of the net-
- 21 operating-income-to-gross-revenue-conversion factor. The
- 22 conversion factor takes into account uncollectible accounts
- 23 receivable, Commission fees and Idaho State income taxes.
- 24 Federal income taxes are reflected at 35%.

- 1 Q. Now turning to pages 5 through 9 of your Exhibit
- 2 No. 10, Schedules 1 and 2, would you please explain what
- 3 those pages show?
- 4 A. Yes. Page 5 begins with actual operating results
- 5 and rate base for the test period in column (b). Individual
- 6 normalizing and restating adjustments that are standard
- 7 components of Commission Basis reporting or general rate
- 8 case filings begin in column (1.01). Individual pro forma
- 9 adjustments begin in column (3.01) on page 8 and continue
- 10 through page 9. The final column on page 9 is the total pro
- 11 forma operating results and net rate base for the test
- 12 period.

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Standard Commission Basis and Restating Adjustments

- 15 Q. Would you please explain each of these
- 16 adjustments?
- 17 A. Yes, but before I begin, I will note that the
- 18 following adjustments are consistent with the adjustments
- 19 made in the Company's previous filed cases (AVU-E-11-01 and
- 20 AVU-G-11-01), utilizing the same methodology to determine
- 21 the adjustments. Rate base adjustments primarily adjust the
- June 30, 2012 test period amounts to a 2013 AMA amount.
- I will note a few changes made to the **Results of**
- 24 Operations column (1.00), reflecting the Company's actual
- 25 electric operating results and rate base.

1 In past general rate case filings based on past 2 Commission orders, this column represented actual net operating income and net utility plant, which included 3 balances after accumulated depreciation and amortization, 4 5 but before accumulated deferred income taxes (DFIT) and 6 other rate base adjustments impacting the Company's actual 7 net rate base results. Accumulated DFIT and other rate base 8 adjustments were included as "Standard Commission Basis and 9 Restating Adjustments" to be consistent with prior 10 Commission orders, resulting in a "Restated Total" provided 11 within the Company's filing. 12 In this filing however, column (1.00) Results 13 Operations reflects the actual operating results and total 14 net rate base experienced by the Company on an average-of-15 monthly-average (AMA) basis, including Accumulated DFIT and other rate base adjustments previously shown as restating 16 17 adjustments. 6 Columns following the Results of Operations 18 column (1.00) reflect restating adjustments necessary to: 19 restate the actual results based on prior Commission orders; 20 reflect appropriate annualized expenses; correct for errors; 21 or remove prior period amounts reflected in the actual 22 results of operations.

 $^{^6}$ As noted above, actual <u>plant</u> rate base (cost, accumulated depreciation and associated DFIT) uses the AMA December 31, 2011 balances. Plant rate base is adjusted to a 2013 AMA basis with restating and pro forma adjustments. All <u>other</u> rate base amounts are included in column 1.00 on a June 30, 2012 AMA basis.

- 1 In addition to the explanation of adjustments provided
- 2 herein, the Company has also provided workpapers, both in
- 3 hard copy and electronic formats, outlining additional
- 4 details related to each of the adjustments.
- 5 A summary of the adjustments follows:
- 6 Electric Adjustment (1.01) and Natural Gas Adjustment
- 7 (1.01) **Deferred FIT Rate Base**, adjusts the electric and
- 8 natural gas DFIT rate base balances to the corrected DFIT
- 9 balances, as shown within my workpapers provided with the
- 10 Company's filing. Accumulated DFIT reflects the deferred
- 11 tax balances arising from accelerated tax depreciation
- 12 (Accelerated Cost Recovery System, or ACRS, and Modified
- 13 Accelerated Cost Recovery, or MACRS) and bond refinancing
- 14 premiums. The effect on Idaho rate base is a reduction of
- 15 \$285,000 electric and an increase of \$297,000 natural gas.
- 16 The effect on Idaho net operating income (NOI) is a
- 17 reduction of \$3,000 electric and an increase of \$3,000
- 18 natural gas.
- 19 Electric Adjustment (1.02) and Natural Gas Adjustment
- 20 (1.02) Deferred Debits and Credits, is a consolidation of
- 21 previous Commission Basis or other restating rate base
- 22 adjustments and their NOI impact. The net impact on a
- 23 consolidated basis of this adjustment decreases Idaho
- 24 electric rate base by \$409,000 and increases natural gas

- 1 rate base by \$2,000. Idaho electric NOI increases by a
- 2 total of \$16,000, while natural gas NOI decreases by \$8,000.
- 3 As noted above, the June 2012 AMA actual rate base
- 4 amounts of other rate base adjustments are included in the
- 5 Results of Operations column (1.00). Adjustments included
- 6 in the Deferred Debits and Credits consolidated adjustment
- 7 are those necessary to reflect restatements from actual
- 8 results based on prior Commission orders, and are explained
- 9 below. For consistency with prior rate case filings, a
- 10 description of each previously separated adjustment is
- 11 included below.

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- 12 The following items are included in the consolidation:
 - Gain on Office Building reflects the removal of the amortization expense and AMA rate base balance included in the Company's test period related to Idaho's portion of the amortized gain on the sale of the Company's general office facility. The facility was sold in December 1986 and leased back by the Company. Although the Company repurchased the building in November 2005, the Company opted to continue to amortize the deferred gain over the remaining amortization period ending in 2011.
 - Colstrip 3 AFUDC Elimination is a reallocation of rate and depreciation expense between base jurisdictions. In Cause Nos. U-81-15 and U-82-10, the Washington Utilities and Transportation Commission (WUTC) allowed the Company a return on a portion of Colstrip Unit 3 construction work in progress (CWIP). A much smaller amount of Colstrip Unit 3 CWIP was allowed in rate base in Case No. U-1008-144 by the Idaho Public Utility Commission (IPUC). The Company eliminated the AFUDC associated with the portion of CWIP allowed in rate base in each jurisdiction. Since facilities production allocated the are Production/Transmission formula, the allocation AFUDC is reversed and a direct assignment is made.
 - <u>Colstrip Common AFUDC</u> is also associated with the Colstrip plants in Montana, and increases rate base.

Differing amounts of Colstrip common facilities were excluded from rate base by this Commission and the WUTC until Colstrip Unit 4 was placed in service. Company was allowed to accrue AFUDC on the Colstrip common facilities during the time that they were excluded from rate base. It is necessary to directly assign the AFUDC because of the differing amounts of common facilities excluded from rate base by this Commission and the WUTC. In September 1988, an entry was made to comply with a Federal Energy Regulatory Commission (FERC) Audit Exception, which transferred Colstrip common AFUDC from the plant accounts Account 186. These amounts reflect a direct assignment of rate base for the appropriate average-of-monthlyaverages amounts of Colstrip common AFUDC to the Washington and Idaho jurisdictions. Amortization expense associated with the Colstrip common AFUDC is charged directly to the Washington and jurisdictions through Account 406 and is a component of the actual results of operations.

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- Kettle Falls & Boulder Park Disallowances reflects the Kettle Falls generating plant disallowance ordered by this Commission in Case No. U-1008-185 and the Boulder Park plant disallowance ordered by the IPUC in Case No. AVU-E-04-1. The IPUC disallowed a rate of return on \$3,009,445 of investment in Kettle Falls, and \$2,600,000 million of investment in Boulder Park. disallowed investment, and related accumulated depreciation accumulated deferred and taxes These amounts are a component of actual removed. results of operations.
- Restating CDA Settlement Deferral adjusts the net assets and DFIT balances associated with the 2008/2009 past storage and \$10(e) charges deferred for future recovery to a 2013 AMA basis, and records the annual amortization expense based on a ten-year amortization, as approved in Docket No. AVU-E-10-01.
- Restating Spokane River Deferral adjusts the net asset and DFIT balances related to the Spokane River deferred relicensing costs to a 2013 AMA basis, and records the annual amortization expense based on a tenyear amortization as approved in Case No. AVU-E-10-01.
- Restating Spokane River PM&E Deferral adjusts the net asset and DFIT balances related to the Spokane River deferred PM&E costs to a 2013 AMA basis, and records the annual amortization expense based on a tenyear amortization as approved in Case No. AVU-E-10-01.
- Restating Montana Riverbed Lease reflects the costs associated with the Montana Riverbed lease

settlement. In this settlement, the Company agreed to State of Montana \$4.0 million annually the beginning in 2007, with annual inflation adjustments, for a 10-year period for leasing the riverbed under the Noxon Rapids Project and the Montana portion of the Cabinet Gorge Project. The first two annual payments were deferred by Avista as approved in Case No. AVU-E-In Case No. AVU-E-08-01 (see Order No. 30647), 07 - 10.Commission approved the Company's accounting treatment of the deferred payments, including accrued interest, to be amortized over the remaining eight years of the agreement starting October 1, 2008. This adjustment includes amortization of one-eighth of the deferred balance and the adjustment to lease payment expense for the additional annual inflation.

- Weatherization and DSM Investment includes in rate base the Sandpoint weatherization grant balance (FERC account 124.350), and removes the 1994 DSM Program amortization expense included in the test period. Beginning in July 1994 accumulation of AFUCE ceased on Electric DSM and full amortization began on the balance the measure lives the investment. of 1995 amortization Beginning in the rates accelerated to achieve a 14 year weighted average amortization period, which was completed in 2010. no expense will be incurred during the 2013 rate year the portion of the 2010 amortization included in the test period is being eliminated.
- <u>Customer Advances</u> decreases rate base for moneys advanced by customers for line extensions, as they will be recorded as contributions in aid of construction at some future time.

34 Electric Adjustment (1.03) and Nat

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Electric Adjustment (1.03) and Natural Gas Adjustment

(1.03) - Working Capital, maintains the working capital rate

base amount at the June 30, 2012 AMA test period amount

37 included in the Results of Operations column (1.00), and

38 therefore there is no additional adjustment to rate base

39 needed. The Company has calculated its working capital in

40 this proceeding by including Idaho's portion of the June 30,

⁷ Allowance for funds used to conserve energy.

- 1 2012 average-monthly-average balances of FERC accounts 151
- 2 (Fuel Stock Inventory) and 154 (Plant Materials and
- 3 Supplies).
- 4 Electric Adjustment (1.04) and Natural Gas Adjustment
- 5 (1.04) Restate 2011 Capital, restates the capital cost and
- 6 expenses associated with adjusting the 2011 average-of-
- 7 monthly-average (AMA) plant related balances to end-of-
- 8 period (EOP) balances for plant in service at December 31,
- 9 2011.8 The effect on Idaho rate base is an increase of
- 10 \$9,464,000 to electric and a reduction of \$242,000 to
- 11 natural gas rate base. The effect on Idaho net operating
- 12 income (NOI) is a reduction of \$327,000 electric and \$73,000
- 13 natural gas.
- 14 Electric Adjustment (2.01) and Natural Gas Adjustment
- 15 (2.02) Eliminate B & O Taxes, eliminates the revenues and
- 16 expenses associated with local business and occupation (B &
- 17 O) taxes, which the Company passes through to its Idaho
- 18 customers. The effect of this adjustment decreases electric
- 19 NOI by \$5,000, while natural gas nets to a \$0 NOI change.
- 20 Electric Adjustment (2.02) and Natural Gas Adjustment
- 21 (2.03) Uncollectible Expense, restates the accrued expense
- 22 to the actual level of net write-offs for the test period.

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⁸ Separate Pro Forma adjustments revise the total plant in service at December 31, 2011 to end-of-period December 31, 2012 and then to AMA 2013 in adjustments "Planned Capital Additions 2012" and "Planned Capital Additions 2013 AMA." See Electric Adjustments (3.09) and (3.10) and Natural Gas Adjustments (3.08) and (3.09) described below.

- 1 The effect of this adjustment increases electric NOI by
- 2 \$106,000 and natural gas NOI by \$211,000.
- 3 Electric Adjustment (2.03) and Natural Gas Adjustment
- 4 (2.04) Regulatory Expense, restates recorded test period
- 5 regulatory expense to reflect the IPUC assessment rates
- 6 applied to expected revenues for the test period and the
- 7 actual levels of FERC fees paid during the test period. The
- 8 effect of this adjustment increases electric NOI by \$23,000,
- 9 while natural gas NOI decreases by \$1,000.
- 10 Electric Adjustment (2.04) and Natural Gas Adjustment
- 11 (2.05) **Injuries and Damages**, is a restating adjustment
- 12 that replaces the accrual with the six-year rolling average
- 13 of actual injuries and damages payments not covered by
- 14 insurance. This methodology was accepted by the Idaho
- 15 Commission in Case No. WWP-E-98-11, and has been used since
- 16 that time. The effect of this adjustment decreases electric
- 17 NOI by \$234,000 and natural gas NOI by \$13,000.
- 18 Electric Adjustment (2.05) and Natural Gas Adjustment
- 19 (2.06) FIT/DFIT/ITC/PTC Expenses, adjusts the FIT and DFIT
- 20 expenses calculated at 35% within Results of Operations by
- 21 removing the effect of certain Schedule M items, matching
- 22 the jurisdictional allocation of other Schedule M items to
- 23 related Results of Operations allocations and adjusts the
- 24 appropriate level of production tax credits and income tax
- 25 credits on qualified electric generation.

- 1 For the electric adjustment, the net FIT and production
- 2 tax credit adjustments increase Idaho electric NOI by
- 3 \$188,000, while adjusting for the proper level of deferred
- 4 federal income tax (DFIT) expense for the test period,
- 5 decreases Idaho NOI by \$180,000, resulting in a net NOI
- 6 reduction of \$8,000. For the natural gas adjustment, the
- 7 net effect of the FIT and DFIT adjustments results in a \$0
- 8 impact to NOI.
- 9 Electric Adjustment (2.06) Idaho PCA, removes the
- 10 effects of the financial accounting for the Power Cost
- 11 Adjustment (PCA). The PCA normalizes and defers certain
- 12 power supply costs on an ongoing basis between general rate
- 13 filings. Certain differences in actual power supply costs,
- 14 compared to those included in base retail rates are deferred
- 15 and then surcharged or rebated to customers in a future
- 16 period. Revenue adjustments due to the PCA and the power
- 17 cost deferrals affect actual results of operations and need
- 18 to be eliminated to produce a normal period. Actual
- 19 revenues and power supply costs are normalized in
- 20 adjustments (2.09) Revenue Normalization and (3.01) Power
- 21 Supply, respectively. The effect of this adjustment
- increases Idaho NOI by \$2,060,000.
- 23 Electric Adjustment (2.07) Nez Perce Settlement
- 24 Adjustment, reflects a decrease in production operating
- 25 expenses. An agreement was entered into between the Company

- 1 and the Nez Perce Tribe to settle certain issues regarding
- 2 earlier owned and operated hydroelectric generating
- 3 facilities of the Company. This adjustment directly assigns
- 4 the Nez Perce Settlement expenses to the Washington and
- 5 Idaho jurisdictions. This is necessary due to differing
- 6 regulatory treatment in Idaho Case No. WWP-E-98-11 and
- 7 Washington Docket No. UE-991606. The effect of this

Electric Adjustment (2.08) - Restating CS2 Levelized

8 adjustment increases Idaho NOI by \$12,000.

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- Adjustment, adjusts the deferred return amounts related to
 Coyote Springs 2 (CS2) to the amounts that will be recorded
 during the rate year. In the Company's electric general
 rate case, Case No. AVU-E-04-1, Order No. 29602, dated
 October 8, 2004, the Commission approved the deferral of
 return on CS2 investment in early years for recovery in
 later years in order to levelize the revenue requirement on
- through August 31, 2014. This adjustment restates the test period amount of amortization expense, inclusive of the

CS2 plant investment for the first ten years of operation of

the plant. The ten-year period runs from September 1, 2004

- 21 carrying charge on the deferred return, to the amount that
- 22 will be recorded in the rate year. The change in deferred
- 23 income tax expense from the test period to the rate period
- 24 is also reflected. This adjustment reduces NOI by \$150,000.

1 Electric Adjustment (2.09) and Natural Gas Adjustment 2 (2.01) - Revenue Normalization, is an adjustment taking into 3 account known and measurable changes that include 1) revenue normalization (which reprices customer usage using the 4 5 current authorized rates, which were approved in the current 6 cases, Case Nos. AVU-E-11-01 and AVU-G-11-01, that were 7 effective October 1, 2011), 2) weather normalization, and 3) 8 unbilled revenue calculation. For the electric 9 adjustment, Schedule 91 Tariff Rider and Schedule 59 10 Residential Exchange are excluded from pro forma revenues, 11 and the related amortization expense is eliminated as well. 12 For the natural gas adjustment, associated natural gas costs 13 replaced with natural gas costs computed 14 normalized volumes at the currently effective weighted-15 average-cost-of-gas, or WACOG rates in Schedule 150. 16 Revenues associated with the temporary Gas Rate Adjustment 17 Schedule 155, Schedule 191 Tariff Rider, and Schedule 199 18 Deferred SIT Adjustment are excluded from pro forma 19 and the related amortization revenues, expenses 20 eliminated as well. Company witness Ms. Knox sponsors these 21 The effect of this adjustment increases adjustments. 22 electric NOI by \$1,724,000 and natural gas NOI by \$275,000. 23 Electric Adjustment (2.10) and Natural Gas Adjustment 24 (2.07) - Miscellaneous Restating Adjustment removes a number 25 of non-operating or non-utility expenses associated with

- 1 advertising, dues and donations, etc., included in error,
- 2 and removes or restates other expenses incorrectly charged
- 3 between service and or jurisdiction. The effect of this
- 4 adjustment increases electric NOI by \$16,000 and natural gas
- 5 NOI by \$5,000.
- 6 Electric Adjustment (2.11) and Natural Gas Adjustment
- 7 (2.08) **Restating Incentives**, restates the actual employee
- 8 payroll incentives included in the Company's test period
- 9 using a six-year average adjusted by the Consumer Price
- 10 Index.
- 11 Q. Please briefly explain the Company's incentive
- 12 plan.
- 13 A. Avista's current incentive plan was first
- 14 implemented in 2002, with a goal of focusing employees on
- 15 controlling O & M costs per customer by improving our
- 16 processes and driving efficiencies to better manage our
- 17 business (O & M cost per customer and capital spending)
- 18 while paying close attention to our customers' voices
- 19 regarding the products and services we provide. Since that
- 20 time, we have maintained the basic framework of the plan
- 21 incorporating additional measures to create a more balanced
- 22 approach to electric and natural gas reliability, as well as
- 23 continuous improvement through our Performance Excellence
- 24 measure.

- 1 The Employee Incentive Plan is a pay-at-risk plan 2 whereby employees are eligible to receive cash incentive pay 3 if the stated targets are achieved. The plan encourages 4 employees at all levels to focus on common objectives that 5 are designed to align the interests of all employees with 6 the interests of our customers. Establishing specific 7 targets for each element, measuring progress toward meeting 8 the targets, and paying an incentive for achieving them 9 motivates employees to focus on the key elements each year.
- 10 Q. How is the pay-at-risk component incorporated into 11 Avista's total compensation package for employees?
- 12 Α. Avista is committed to providing total 13 compensation program that provides base salaries, 14 performance-based award programs and benefits that are 15 competitive in the marketplace. Market data shows that pay-16 at-risk or variable pay plans are prevalent in over 80% of 17 organizations, and most utilities, including Avista, have 18 some kind of pay-at-risk plan.
- The Company views the Plan as a competitive necessity,
 and a driver of desired behavior among employees, as well as
 a means to achieve cost-control. For example, if the
 existing incentive plan were to be eliminated, base salaries
 would need to be adjusted upward in order for Avista's total
 compensation to remain competitive with other utilities.

- 1 A pay-at-risk component of compensation is not designed
- 2 to pay out the full incentive opportunity every year, nor is
- 3 it designed to have no payout for an extended period of
- 4 time. Pay-at-risk plans are designed to help focus
- 5 employees on making decisions that benefit the Company and
- 6 its customers, while at the same time functioning as an
- 7 integrated component of total compensation.

8 Q. Please describe the specific targets included in

9 the Company's 2011 incentive plan?

- 10 A. The targets included in the Company's 2011 plan
- 11 included: 1) an O&M Cost-Per-Customer target metric to focus
- 12 the business on controlling costs and driving efficiencies
- in order to keep our costs reasonable for our customers; 2)
- 14 use of a Customer Satisfaction rating to track satisfaction
- 15 levels of customers that have had recent contact with us;
- 16 and 3) a reliability index measure, which combines three
- 17 common industry indices in order to balance our focus on
- 18 electric reliability. These reliability measures include:
- 19 the Customer Average Interruption Duration Index (CAIDI),
- 20 measuring the average restoration time for sustained
- 21 outages; the System Average Interruption Frequency Index
- 22 (SAIFI), which measures the average number of customers who
- 23 had sustained outages (>5 minutes), divided by the customers
- 24 served; and the Customer Experiencing Multiple Sustained
- 25 Interruptions (more than 3) (CEMI³), measuring the

- 1 percentage of customers that experienced more than three
- 2 sustained outages in the year, 4) a response time metric
- 3 that measures the percentage of time the Company responds
- 4 within targeted time goals for dispatched natural gas
- 5 emergency calls, and 5) a performance excellence metric
- 6 demonstrating the Company's commitment to continuously look
- 7 for opportunities for efficiencies in order to keep costs
- 8 reasonable for our customers.
- 9 Each of these targets are independent components to the
- 10 incentive plan with individual targets or measures that must
- 11 be achieved for a portion of the payout. The customer
- 12 satisfaction, reliability index, response time and
- 13 performance excellence measures are core objectives to our
- 14 business therefore; these non-financial measures are
- designed as a "meets" or "not meets" metric, paying out only
- 16 if the target of "meets" is achieved.
- 17 The O&M cost per customer target is based on the actual
- 18 year end number of customers, targeted O&M expense and a
- 19 formula for the payout to employees, based on the level of
- 20 O&M savings below the target. This measure provides an
- 21 incentive for employees to keep actual O&M costs as low as
- 22 possible. Payments under this portion of the plan can range
- 23 from 0% to 150% depending on the level of performance
- 24 achieved. The formula for the payout, which was adopted in
- 25 2010, is structured such that as the level of savings below

- 1 the O&M target increases, the payout to employees, as a
- 2 percentage of the savings, is reduced.
- 3 Q. Please explain the use of a six-year average to
- 4 restate incentive expense.
- 5 A. Since annual Company incentive plan payouts will
- 6 vary year-to-year, the Company believes an average of annual
- 7 payouts is most appropriate in order to "normalize" these
- 8 costs. Often where there are revenues or expenses that can
- 9 vary significantly from year-to-year, the Commission has
- 10 approved averages to properly reflect a fair and reasonable
- 11 level of revenue or expense to be included in customers'
- 12 rates. Utilizing a six-year average of the Company's
- 13 incentive plan payouts is consistent with other averaging
- 14 methods utilized by this Commission in past proceedings.
- 15 For example, as shown in Illustration No. 1 below using the
- 16 years 2006 through 2011, one can see the large variability
- 17 that can occur in each year in payout, and therefore the
- 18 variability in customer rates if an average was not
- 19 utilized, and the impact of the six-year average as proposed
- 20 in this case:

Illustration No. 1

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2	Historical Incentive Plan Payout													
3	Line No. 1 2	Test Period Rate Case		2006	<u>AV</u>	2007 U-E-08-01	<u>AV</u>	2008 <u>U-E-09-01</u>	<u>AV</u>	2009 U-E-10-01	<u>AV</u>	2010 U-E-11-01	<u>Cur</u>	2011 rent Filing
7	3	System Expense	\$	4.406	\$	3.255	\$	2.856	\$	5.059	\$	9.371	\$	3.428
5	4 5	ID - Electric Share Normalization Adjustment	\$	1.128	\$	0.833	\$	0.717	\$	1.270	\$	2.277 (0.986)	\$	0.819 0.311
6	6	Recovered in Rates/Proposed	\$	1.128	\$	0.833	\$	0.717	\$	1.270	\$	1.291	\$	1.130
7		Note: CPI Index was removed from a	naly	sis.										

8 Illustration No. 1 above, reflects the restating 9 (reduction) / increase to test period expense of (\$.986) 10 million and \$0.276 million (Idaho electric) for the years 11 2010 and 2011 respectively (Line No. 5). Therefore, 12 customers benefited from the \$.986 million reduction to the 13 Company's revenue requirement in the previous GRC. To 14 exclude this six-year average in the current case, would 15 understate the expense that the Company has incurred over 16 time, preventing the Company from recovering its costs over 17 time, although customers have benefited from the O&M savings 18 that have occurred, and triggered the incentive payout.

Q. What are some other examples where the use of an average has been used by the Company, and approved by the

The incentive amounts shown on Line No. 6 (Recovered in Rates/Proposed) in Illustration No. 1 for columns 2009 and 2010 represent an approximate amount approved in the Company's prior general rate case proceedings (Case Nos. AVU-E-10-01 and AVU-E-11-01). Due to the black-box nature of the Company's prior settlements approved by the IPUC in Case Nos. AVU-E-10-01 and AVU-E-11-01, the Company made certain assumptions as to the incentive amounts approved in order to create the comparison used in Illustration No. 1, and the discussion that follows.

- 1 Commission, to determine the appropriate level of revenue or
- 2 expense to include in its general rate case filings?
- 3 A. There are several examples of revenue or expense
- 4 amounts which have been averaged or normalized and approved
- 5 by this Commission. One example is the calculation of
- 6 injuries and damages expense, which includes the restating
- 7 adjustment described earlier in my testimony that replaces
- 8 the amount accrued in the test period with a six-year
- 9 rolling average of actual payments for injuries and damages
- 10 not covered by insurance. Another example is the use of a
- 11 five-year average for power plant availability.
- 12 Q. Briefly explain the reasoning behind the use of
- 13 the CPI to adjust the average incentive level.
- 14 A. Incentive compensation is based on employees
- 15 salary levels at the time of payout. These salary levels
- 16 increase over time. If one does not adjust the historical
- 17 years' expenses so that they are based on a comparable level
- 18 of salaries, when the calculation is computed to determine
- 19 the average, one is not using comparable levels of expenses
- 20 in order to get to an "apples to apples" comparison.
- 21 Q. What is the impact of the Company's adjustment for
- 22 a six-year average in this case?
- 23 A. The Company adjusted the six-year average by the
- 24 CPI explained above, but also excluded all incentive target
- 25 payouts that are not specifically related to reliability,

- 1 customer service and operational efficiency targets, i.e.,
- 2 the earnings per share portion of the officer incentive plan
- 3 are excluded from utility expenditures. The effect of this
- 4 adjustment decreases electric NOI by \$174,000 and natural
- 5 gas NOI by \$47,000.
- 6 Q. Please continue with explaining the adjustments on
- 7 Page 7 of Exhibit 10, Schedules 1 and 2.
- 8 A. The next adjustment, is Electric Adjustment (2.12)
- 9 Colstrip/CS2 Maintenance. As approved in Order 32371 on
- 10 September 30, 2011, (in Case Nos. AVU-E-11-01 and AVU-G-11-
- 11 01), the Company deferred the non-fuel O&M costs (the amount
- 12 of actual costs in excess of costs included in base rates)
- 13 associated with the Company's thermal generating plant and
- 14 is amortizing the prior year's deferred costs over a 3-year
- 15 period. The amortization expense (one-third of the amount
- 16 deferred for calendar years 2011 and 2012), increases
- 17 expense by approximately \$1.3 million, and decreases NOI by
- 18 \$857,000.
- 19 Electric Adjustment (2.13) and Natural Gas Adjustment
- 20 (2.09) Restate Debt Interest, restates debt interest using
- 21 the Company's pro forma weighted average cost of debt, as
- 22 outlined in the testimony and exhibits of Mr. Thies, on the
- 23 Results of Operations level of rate base shown in column
- 24 (1.00) only, resulting in a revised level of tax deductible
- 25 interest expense on actual test period rate base. The

- 1 Federal income tax effect of the restated level of interest
- 2 for the test period decreases electric NOI by \$191,000 and
- 3 natural gas NOI by \$33,000.
- 4 The Federal income tax effect of the restated level of
- 5 interest on all other rate base adjustments included in the
- 6 Company's filing are included and shown as an income impact
- 7 of each individual rate base adjustment described elsewhere
- 8 in this testimony.

9 Pro Forma Adjustments

- 10 Q. Please explain the significance of the adjustments
- 11 beginning at page 8 on your Exhibit No. 10, Schedules 1 and
- 12 2.
- 13 A. The adjustments starting on page 8 are pro forma
- 14 adjustments that recognize the jurisdictional impacts of
- 15 items that will impact the pro forma operating period for
- 16 known and measurable changes. They encompass revenue and
- 17 expense items as well as additional capital projects. These
- 18 adjustments bring the operating results and rate base to the
- 19 final pro forma level for the test year. The pro forma
- 20 adjustments shown in columns (3.01) through (3.13), of pages
- 21 8 through 9 of Exhibit No. 15, Schedule 1 (electric), and
- 22 columns (3.01) through (3.11), of pages 8 through 9 of
- 23 Exhibit No. 10, Schedule 2 (natural gas) are consistent with
- 24 current regulatory principles and the treatment reflected in

- 1 the last rate case, with a few proposed changes by the
- 2 Company as described in my testimony below.
- 3 In addition to the explanation of adjustments provided
- 4 herein, the Company has also provided workpapers, both in
- 5 hard copy and electronic formats, outlining additional
- 6 details related to each of the adjustments.
- 7 A summary of the adjustments follow:
- 8 Electric Adjustment (3.01) Pro Forma Power Supply,
- 9 was made under the direction of Mr. Johnson and is explained
- 10 in detail in his testimony. This adjustment includes pro
- 11 forma power supply related revenue and expenses to reflect
- 12 the twelve-month period January 1, 2013 through December 31,
- 13 2013, using historical loads. Mr. Johnson's testimony
- 14 outlines the system level of pro forma power supply revenues
- 15 and expenses that are included in this adjustment. The
- 16 adjustment in column 3.01 calculates the Idaho
- 17 jurisdictional share of those figures. The net effect of
- 18 this adjustment increases electric NOI by \$1,529,000.
- 19 Electric Adjustment (3.02) Pro Forma Transmission
- 20 Rev/Exp, was made under the direction of Mr. Kinney and is
- 21 explained in detail in his testimony. This adjustment
- 22 includes pro forma transmission-related revenues and
- 23 expenses to reflect the twelve-month period January 1, 2013
- 24 through December 31, 2013. The net effect of this
- 25 adjustment increases electric NOI by \$236,000.

- 1 Electric Adjustment (3.03) and Natural Gas Adjustment
- 2 (3.01) Pro Forma Labor Non-Exec, reflects known and
- 3 measurable changes to test period union and non-union wages
- 4 and salaries, excluding executive salaries. For non-union
- 5 employees, test period wages and salaries are restated to
- 6 include the March 2012 overall actual increase of 2.6%, and
- 7 10 months of the planned March 2013 minimum increase of
- 8 2.6%. This 2012 minimum increase was presented to the
- 9 Compensation Committee of the Board of Directors and was
- 10 approved at the Board's May 2012 meeting.
- 11 Also included in this adjustment are the 2012 and 2013
- 12 union contract increases agreed to in 2010 of 3% for both
- 13 years.
- 14 The net effect of this adjustment decreases electric
- 15 NOI by \$499,000 and natural gas NOI by \$137,000.
- 16 Electric Adjustment (3.04) Pro Forma Generation Major
- 17 O&M, adjusts for incremental non-labor generation plant O&M
- 18 costs planned for 2013 above the test period. These
- 19 additional expenditures are mainly due to major O&M
- 20 expenditures planned for the Company's thermal generation
- 21 plant at Kettle Falls, and its hydro generation plants. 10

¹⁰ Major O&M expenditures of approximately \$560,000 (system) planned at Avista's Kettle Falls thermal generation plant include upgrades to its boiler feed pump and main reclaimer bull gear, as well as replacement of its hog motor and expansion joint-turbine/condenser work. Major O&M expenditures of approximately \$3.4 million (system) are planned at Avista's hydro facilities. This work includes approximately \$2.1 million at Cabinet Unit for re-wedge stator winding maintenance, discharge ring repair, hub and oil head repair, replacement of wicket gate bushings,

- 1 The net effect of this adjustment decreases electric NOI by
- 2 \$590,000.
- 3 Electric Adjustment (3.05) and Natural Gas Adjustment
- 4 (3.03) 11 **Pro Forma Employee Benefits**, adjusts for changes
- 5 in both the Company's pension and medical insurance expense
- 6 and decreases electric NOI by \$883,000 and natural gas NOI
- 7 by \$243,000.
- 8 Q. Please describe the pension expense portion of the
- 9 Employee Benefits adjustment and Idaho's share of this
- 10 expense.
- 11 A. The Company's pension expense portion of this
- 12 adjustment is determined in accordance with Accounting
- 13 Standard Codification 715 (ASC-715), and has increased on a
- 14 system basis from approximately \$23.5 million for the actual
- 15 test year costs for the twelve months ended June 30, 2012,
- 16 to \$29.7 million for 2013. The increase in Idaho pension
- 17 expense (\$885,000 electric and \$242,000 natural gas) is
- 18 primarily due to a decrease in the discount rate used in
- 19 calculating the pension expense and liability as well as a
- 20 decrease in the expected return on assets and changes in
- 21 other actuarial assumptions that are not predictable. At

re-insulation of field windings, and rock scaling for access road safety. Additional major maintenance include projects at Long Lake dam of approximately \$1 million for a FERC committed project to refurbish the interior coating of the four long lake penstocks and at the Post Falls north channel dam of approximately \$300,000 for the rehabilitation of the piers and spillway aprons. For detail descriptions of activities, see Andrews workpapers filed with the Company's case.

11 Natural Gas Adjustment (3.02) intentionally left blank.

- 1 this time the amounts included in this case are based on the
- 2 most current available data. Preliminary pension expense is
- 3 determined by an outside actuarial firm, in accordance with
- 4 ASC-715, and provided to the Company late in the first
- 5 quarter of each year. These calculations and assumptions
- 6 are reviewed by the Company's outside accounting firm
- 7 annually for reasonableness and comparability to other
- 8 companies.
- 9 Q. Please now describe the medical insurance expense
- 10 portion of the Employee Benefits adjustment and Idaho's
- 11 share of this expense.
- 12 A. Medical insurance expense has increased on a
- 13 system basis from \$27.7 million for the actual test year
- 14 costs for the twelve months ended June 30, 2012, to \$31.3
- 15 million for 2013. The Company's Idaho medical insurance and
- 16 post-retirement expense portion of this adjustment (\$506,000
- 17 electric and \$138,000 natural gas) adjusts for the medical-
- 18 related costs planned for 2013 above the test period. In
- 19 recent years, the Company has experienced increasing ASC 715
- 20 expense. ASC 715 requires employers to recognize the cost of
- 21 providing post-retirement benefits on an accrual basis. The
- 22 cost must be recognized during the working years of the
- 23 employees to full eligibility date. Most of the increase in
- 24 ASC 715 expense can be explained by declining interest
- 25 rates, lower than expected investment returns, and greater

- 1 amortization expense due to changes in the valuation of the
- 2 actuarial liability.
- 3 The net impact of the increases in pension and medical
- 4 costs is an increase in Idaho electric expense of
- 5 approximately \$1.4 million and natural gas expense of
- 6 \$380,000.
- 7 Electric Adjustment (3.06) and Natural Gas Adjustment
- 8 (3.04) Pro Forma Insurance, adjusts the test period
- 9 insurance expense for general liability, directors and
- 10 officers ("D&O") liability, and property to the actual cost
- 11 of insurance policies that are in effect for 2012. Costs of
- 12 system-wide insurance policies for 2012 varied only slightly
- 13 from those policies in 2011. Insurance costs that are
- 14 properly charged to non-utility operations have been
- 15 excluded from this adjustment. The net effect of this
- 16 adjustment increases electric NOI by \$8,000 and natural gas
- 17 NOI by \$2,000.
- 18 Electric Adjustment (3.07) and Natural Gas Adjustment
- 19 (3.05) **Property Tax**, restates the test period accrued
- 20 levels of property taxes to the 2013 rate period level using
- 21 the most current information. As can be seen from my
- 22 workpapers provided with the Company's filing, the property
- 23 on which the tax is calculated is the property value as of
- 24 December 31, 2012, reflecting the 2013 level of expense the
- 25 Company will experience during the rate period. The net

- 1 effect of this adjustment decreases electric NOI by \$291,000
- 2 and natural gas NOI by \$66,000.
- 3 Natural Gas Adjustment (3.06) Pro Forma Atmospheric
- 4 **Testing**, adjusts the test period expense for Atmospheric
- 5 Corrosion expense to a three-year average. This expense is
- 6 on a three-year rotation between the Company's jurisdictions
- 7 (Idaho, Washington and Oregon) and was therefore, coded
- 8 directly to Idaho operations for the year in which the
- 9 inspection occurs (2011 for Idaho was at a total cost of
- 10 \$390,000). The Company has included one-third of these costs
- 11 in order to recover over a three-year period (2011-2013),
- 12 and, therefore, has pro formed \$130,000 for atmospheric O&M
- 13 expense. The Company has received approval of this
- 14 accounting treatment in its Oregon jurisdiction and has
- 15 requested this treatment in the Company's recent filed
- 16 Washington general rate case as well, so the Company remains
- 17 whole on an annual basis. This adjustment was made under
- 18 the direction of Mr. Kopczynski and is described further in
- 19 his testimony. The net effect of this adjustment increases
- 20 natural gas NOI by \$77,000.
- 21 Electric Adjustment (3.08) and Natural Gas Adjustment
- 22 (3.07) **Pro Forma IS/IT Costs**, adjusts for incremental
- 23 IS/IT costs planned for 2013 above the test period. These
- 24 additional expenditures are mainly due to the Company's
- 25 replacement of the Customer Service Information System

- 1 (CIS), incremental labor to support various business
- 2 processes, application support and additional security
- 3 requirements, as well as increases in annual contractual
- 4 agreements and maintenance and license fees. 12 The net
- 5 effect of this adjustment decreases electric NOI by \$224,000
- 6 and natural gas NOI by \$47,000.
- 7 Electric Adjustment (3.09) and Natural Gas Adjustment
- 8 (3.08) Pro Forma Capital Additions 2012, pro forms in the
- 9 capital cost and expenses associated with capital
- 10 expenditures for 2012. This adjustment includes projects
- 11 expected to be completed and transferred to plant-in-service
- 12 by December 31, 2012, and thus were normalized to reflect
- 13 annual amounts. The capital costs have been included for
- 14 the appropriate pro forma period with the associated
- depreciation expense, as well as the appropriate accumulated
- 16 depreciation and deferred income tax rate base offsets. In
- 17 addition, the total plant in service at December 31, 2011
- 18 (including accumulated depreciation and deferred FIT) was
- 19 adjusted to an EOP December 31, 2012 adjusted balance. The

Net increases in Information System / Information Technology O&M expenses total approximately \$1.4 million system (\$354,000 Idaho electric and \$74,000 Idaho natural gas). These increases include increased expenses associated with the Company's Customer Service System (CIS) project (as described further in Company witness Mr. Kopczynski's testimony), due to incremental labor to support the new business processes and application support, and increased hosting, license and software maintenance fees. Additional increases are due to incremental labor to support other new and existing applications and security requirements, cost of living adjustments on existing contract obligations, and new software purchases, licenses and maintenance fees. For detail descriptions of incremental costs, see Andrews workpapers filed with the Company's case.

- 1 net effect of this adjustment decreases electric NOI by
- 2 \$1,859,000 and natural gas NOI by \$442,000. The impact to
- 3 total rate base is an increase in electric rate base of
- 4 \$20,705,000 and natural gas rate base of \$4,449,000.
- 5 Electric Adjustment (3.10) and Natural Gas Adjustment
- 6 (3.09) Pro Forma Capital Additions 2013, pro forms in the
- 7 capital cost and expenses associated with capital
- 8 expenditures for 2013. This adjustment includes projects
- 9 expected to be completed and transferred to plant-in-service
- 10 during 2013, and thus were included on an AMA plant basis
- 11 for the 2013 rate period. The capital costs have been
- 12 included for the appropriate pro forma period with the
- 13 associated depreciation expense, as well as the appropriate
- 14 accumulated depreciation and deferred income tax rate base
- 15 offsets. In addition, the total plant in service at
- 16 December 31, 2012 (including accumulated depreciation and
- 17 deferred FIT) was adjusted to a 2013 AMA plant basis. The
- 18 net effect of this adjustment decreases electric NOI by
- 19 \$589,000 and natural gas NOI by \$124,000. The impact to
- 20 total rate base is an increase in electric rate base of
- 21 \$1,582,000 and a reduction to natural gas rate base of
- 22 \$1,309,000.
- 23 Electric Adjustment (3.11) Pro Forma Energy
- 24 Efficiency Load Adjustment (EELA), reflects the reduction in
- 25 retail revenues due to energy efficiency programs, the

- 1 resulting savings in power supply expense, and includes the
- 2 change in all other revenue related expenses and taxes
- 3 associated with this adjustment, as described in detail by
- 4 Mr. Ehrbar. The net effect of this adjustment decreases
- 5 electric NOI by \$1,034,000.
- 6 Electric Adjustment (3.12) and Natural Gas Adjustment
- 7 (3.10) Operation & Maintenance (O&M) Offsets, includes a
- 8 reduction to expense for anticipated operation and
- 9 maintenance savings expected during the pro forma period, as
- 10 compared to the test period. These O&M savings include
- 11 reductions related to certain additional generation,
- 12 transmission, distribution and general plant investment
- 13 included in the 2011, 2012 and 2013 capital addition
- 14 adjustments. The savings related to capital projects have
- 15 been discussed further within Mr. Lafferty's (generation
- 16 projects), Mr. Kinney's (distribution and transmission
- 17 projects), and Mr. DeFelice's (general plant) direct
- 18 testimony. Additional detail can be found within my
- 19 workpapers included with the Company's filing. The net
- 20 effect of this adjustment increases electric NOI by \$72,000
- 21 and natural gas NOI by \$4,000.
- 22 Electric Adjustment (3.13) and Natural Gas Adjustment
- 23 (3.11) Depreciation Study, as described in detail by Mr.
- 24 DeFelice, reflects an increase in depreciation expense due
- 25 to the utilization of new depreciation rates that were the

- 1 result of a detailed depreciation study performed by a
- 2 consultant from Gannett Fleming, Inc. The Company last
- 3 changed its depreciation rates on January 1, 2008. The net
- 4 effect of this adjustment decreases electric NOI by \$300,000
- 5 and natural gas NOI by \$306,000.

6

7

Summary

- 8 Q. How much additional net operating income would be
- 9 required for the State of Idaho electric operations to allow
- 10 the Company an opportunity to earn its proposed 8.46% rate
- 11 of return on a pro forma basis?
- 12 A. The net operating income deficiency amounts to
- 13 \$7,259,000, as shown on line 5, page 2 of Exhibit No. 10,
- 14 Schedule 1. The resulting revenue requirement is shown on
- 15 line 7 and amounts to \$11,393,000, or an increase of 4.58%
- 16 over pro forma general business revenues.
- 17 Q. How much additional net operating income would be
- 18 required for the State of Idaho natural gas operations to
- 19 allow the Company an opportunity to earn its proposed 8.46%
- 20 rate of return on a pro forma basis?
- 21 A. The net operating income deficiency amounts to
- 22 \$2,906,000, as shown on line 5, page 2 of Exhibit No. 10,
- 23 Schedule 2. The resulting revenue requirement is shown on
- 24 line 7 and amounts to \$4,561,000, or an increase of 7.20%
- 25 over pro forma general business and transportation revenues.

IV. ALLOCATION PROCEDURES

- 2 Q. Have there been any changes to the Company's
- 3 system and jurisdictional procedures since the Company's
- 4 last general electric and natural gas cases, Case Nos. AVU-
- 5 E-11-01 and AVU-G-11-01?
- 6 A. No. For ratemaking purposes, the Company
- 7 allocates revenues, expenses and rate base between electric
- 8 and natural gas services and between Idaho, Washington and
- 9 Oregon jurisdictions where electric and/or natural gas
- 10 service is provided. The annually updated allocation
- 11 factors used in this case have been provided with my
- workpapers.

1

- 13 Q. Does that conclude your pre-filed direct
- 14 testimony?
- 15 A. Yes, it does.

DAVID J. MEYER

VICE PRESIDENT AND CHIEF COUNSEL FOR REGULATORY & GOVERNMENTAL AFFAIRS

AVISTA CORPORATION

P.O. BOX 3727

1411 EAST MISSION AVENUE

SPOKANE, WASHINGTON 99220-3727

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BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION)	CASE NO. AVU-E-12-08
OF AVISTA CORPORATION FOR THE)	CASE NO. AVU-G-12-07
AUTHORITY TO INCREASE ITS RATES)	
AND CHARGES FOR ELECTRIC AND)	
NATURAL GAS SERVICE TO ELECTRIC)	EXHIBIT NO. 10
AND NATURAL GAS CUSTOMERS IN THE)	
STATE OF IDAHO)	ELIZABETH M. ANDREWS
	N.	

FOR AVISTA CORPORATION

(ELECTRIC AND NATURAL GAS)

			TH PRESENT RAT	ES	WITH PROPO	
		Actual Per			Proposed	Pro Forma
Line No.	DESCRIPTION	Results Report	Total Adjustments	Pro Forma Total	Revenues & Related Exp	Proposed Total
110.	a a	b	c	d	e e	f
	REVENUES					
1	Total General Business	\$256,134	(\$7,623)	\$248,511	\$11,393	\$259,904
2	Interdepartmental Sales	209	(37,023)	209	\$11,393	209
3	Sales for Resale	46,558	(24,190)	22,368		22,368
4	Total Sales of Electricity	302,901	(31,813)	271,088	11,393	282,481
5	Other Revenue	56,621	(49,262)	7,359		7,359
6	Total Electric Revenue	359,522	(81,075)	278,447	11,393	289,840
	EXPENSES					
	Production and Transmission					
7	Operating Expenses	128,217	(51,506)	76,711		76,711
8	Purchased Power	88,611	(33,409)	55,202		55,202
9	Depreciation/Amortization	13,551	(882)	12,669		12,669
10	Regulatory Amortization	(10,077)	10,597	520		520
11	Taxes	6,246	380	6,626		6,626
12	Total Production & Transmission	226,548	(74,820)	151,728	-	151,728
13	Distribution Operating Expenses	10,958	353	11,311		11.311
14	Depreciation/Amortization	11,013	2,757	13,770		13,770
15	Taxes	5,623	(3,085)	2;538		2,538
16	State Income Taxes	442	(188)	254	169	423
17	Total Distribution	28,036	(163)	27,873	169	28,042
18	Customer Accounting	4,362	(19)	4,343	30	4 272
19	Customer Service & Information	8,061	(7,460)	601	30	4,373 601
20	Sales Expenses	4	(7,400)	4		4
	Administrative & General					
21	Operating Expenses	22,070	1,793	23,863	27	23,890
22	Depreciation/Amortization	5,758	3,526	9,284		9,284
23	Taxes	-	7	7		7
24	Total Admin. & General	27,828	5,326	33,154	27	33,181
25	Total Electric Expenses	294,839	(77,136)	217,703	226	217,929
26	OPERATING INCOME BEFORE FIT	64,683	(3,939)	60,744	11,167	71,911
	FEDERAL INCOME TAX					
27	Current Accrual	6,740	(4,454)	2,286	3,908	6,194
28	Debt Interest		(327)	(327)		(327)
29	Deferred Income Taxes	8,783	3,275	12,058		12,058
30	Amortized Investment Tax Credit	(61)	(15)	(76)		(76)
31	NET OPERATING INCOME	\$49,221	(\$2,418)	\$46,803	\$7,259	\$54,062
	RATE BASE					
22	PLANT IN SERVICE	£42.221	610.000	051.000		
32 33	Intangible Production	\$43,231	\$10,992	\$54,223		\$54,223
34	Transmission	376,635 174,765	21,877	398,512		398,512
35	Distribution	415,615	18,459 33,999	193,224 449,614		193,224 449,614
36	General	74,006	14,482	88,488		88,488
37	Total Plant in Service	1,084,252	99,809	1,184,061	-	1,184,061
38	ACCUMULATED DEPRECIATION	1000				(d) men
39	Intangible Production	1,966	4,747	6,713		6,713
40	Transmission	152,541 59,218	17,674 6,838	\$170,215 66,056		170,215
41	Distribution	129,763	21,919	151,682		66,056
42	General	31,320	7,630	38,950		151,682 38,950
43	Total Accumulated Depreciation	374,808	58,808	433,616		433,616
44	NET PLANT BEFORE DFIT	709,444	41,001	750,445	-	750,445
45	DEFERRED TAXES	(110,003)	(9,535)	(119,538)		
46	NET PLANT AFTER DFIT	599,441	31,466	630,907		(119,538) 630,907
47	DEFERRED DEBITS AND CREDITS	1,150	(409)	741	-	741
48	WORKING CAPITAL	7,382	(105)	7,382		7,382
49	TOTAL RATE BASE	\$ 607.070	621.055	0/20 020	the contract of the contract o	0.000.00
50	RATE OF RETURN	\$607,973	\$31,057	\$639,030	\$0	\$639,030
30	RAIL OF REIURN	8.10%		7.32%		8.46%

AVISTA UTILITIES

Calculation of General Revenue Requirement Idaho - Electric System

TWELVE MONTHS ENDED JUNE 30, 2012

Line No.	Description	(000's of Dollars)
1	Pro Forma Rate Base	\$639,030
2	Proposed Rate of Return	8.46%
3	Net Operating Income Requirement	\$54,062
4	Pro Forma Net Operating Income	\$46,803
5	Net Operating Income Deficiency	\$7,259
6	Conversion Factor	0.63711
7	Revenue Requirement	\$11,393
8	Total General Business Revenues	\$248,720
9	Percentage Revenue Increase	4.58%

AVISTA UTILITIES Pro Forma Cost of Capital Idaho - Electric System

Component	Capital Structure	ProForma Cost	ProForma Weighted Cost
Total Debt	50.00%	6.02%	3.01%
Common	50.00%	10.90%	5.45%
`otal	100.00%	_	8.46%

AVISTA UTILITIES

Revenue Conversion Factor

Idaho - Electric System

TWELVE MONTHS ENDED JUNE 30, 2012

Line No.	Description	Factor
1	Revenues	1.000000
2	Expenses: Uncollectibles	0.002650
3	Commission Fees	0.002340
4	Idaho Income Tax	0.014845
5	Total Expenses	0.019835
6	Net Operating Income Before FIT	0.980165
7	Federal Income Tax @ 35%	0.343058
8	REVENUE CONVERSION FACTOR	0.63711

(000'S OF DOLLARS)

Line No.	DESCRIPTION	Results of Operations	Deferred FIT Rate Base	Deferred Debits and Credits	Working Capital	Restate 2011 Capital	Eliminate B & O Taxes
	Adjustment Number	1.00	1.01	1.02	1.03	1.04	2.01
	Workpaper Reference	E-ROO	E-DFIT	E-DDC	E-WC	E-RCAP	E-EBO
,	REVENUES	******	**		190		
1 2	Total General Business	\$256,134	\$0	\$0	\$0	\$0	(\$3,161)
3	Interdepartmental Sales Sales for Resale	209 46,558		170		-	-
4	Total Sales of Electricity	302,901	- 0	0	- 0	0	(2.161)
5	Other Revenue	56,621	-	0	0	0	(3,161)
6	Total Electric Revenue	359,522	0	0	0	0	(3,161)
	EXPENSES						
	Production and Transmission						
7	Operating Expenses	128,217	2	(64)		¥	-
8	Purchased Power	88,611	-			-	-
10	Depreciation/Amortization Regulatory Amortization	13,551		-	-	236	-
11	Taxes	(10,077) 6,246	5	-	-	*	-
12	Total Production & Transmission	226,548	0	(64)	0	236	0
	Distribution						
13	Operating Expenses	10,958					
14	Depreciation/Amortization	11,013	-			187	-
15	Taxes	5,623	_	-	-	107	(3,153)
16	State Income Taxes 0.014845	442		-		(14)	(0)
17	Total Distribution	28,036	0	0	0	173	(3,153)
18	Customer Accounting	4,362					
19	Customer Service & Information	4,362 8,061	-	-	-	-	-
20	Sales Expenses	4		-		-	
	Administrative & General						
21	Operating Expenses	22,070		32		9	
22	Depreciation/Amortization	5,758	_	-		247	
23	Taxes	0		-	-	-	-
24	Total Admin. & General	27,828	0	32	0	247	0
25	Total Electric Expenses	294,839	0	(32)	0	656	(3,153)
26	OPERATING INCOME BEFORE FIT	64,683	0	32	0	(656)	(8)
	FEDERAL INCOME TAX						
27	Current Accrual	6,740	-	11	-	(230)	(3)
28 29	Debt Interest	0	3	4	-	(100)	-
30	Deferred Income Taxes Amortized ITC - Noxon	8,783 (61)	-		-	-	-
	-	(01)			-	-	
31	NET OPERATING INCOME	\$49,221	(\$3)	16	\$0	(\$327)	(\$5)
	RATE BASE						
22	PLANT IN SERVICE						
32	Production Production	\$43,231	\$0	\$0	\$0	(\$584)	\$0
34	Transmission	376,635 174,765	-	-	-	3,377	-
35	Distribution	415,615	-		-	6,496 8,422	-
36	General	74,006	-		_	3,992	
37	Total Plant in Service	1,084,252	-	-	-	21,703	-
	ACCUMULATED DEPRECIATION/AMORT						
38	Intangible	1,966	-	-		(311)	9
39	Production	152,541	-	-	-	3,439	-
40 41	Transmission Distribution	59,218	3.00		-	1,294	
41	General	129,763 31,320	-			3,706	-
43	Total Accumulated Depreciation	374,808				704 8,832	
44	NET PLANT	709,444		-		12,871	
45	DEFERRED TAXES	(110,003)	(285)	_	_	(3,407)	
46	Net Plant After DFIT	599,441	(285)			9,464	
	DEFERRED DEBITS AND CREDITS	1,150	(=55)	(409)	-	,,,,,,,,	e e
48	WORKING CAPITAL	7,382	-	-	-		
49	TOTAL RATE BASE	\$607,973	(\$285)	(\$409)	\$0	9,464	\$0
50	RATE OF RETURN	8.10%	0				
50	REVENUE REQUIREMENT	3,474	(33)	(80)	-	1,770	8 Exhibi

Line No.	1	Uncollect. Expense	Regulatory Expense	Injuries and Damages	FIT/DFIT/ ITC/PTC Expense	ID PCA	Nez Perce Settlement Adjustment
	Adjustment Number	2.02	2.03	2.04	2.05	2.06	2.07
	Workpaper Reference	E-UE	E-RE	E-ID	E-FIT	E-EPCA	E-NPS
	REVENUES						
1	Total General Business	\$0	\$0	\$0	\$0	(\$6,732)	\$
2	Interdepartmental Sales					(00,752)	
3	Sales for Resale	_					
4	Total Sales of Electricity	. 0	0	0	0	(6,732)	
5	Other Revenue	-	-	-	-	(0,732)	
6	Total Electric Revenue	0	0	0	0	(6,732)	
	EXPENSES						
	Production and Transmission						
7	Operating Expenses		-			(9,871)	(1
3	Purchased Power	-		-		(-,)	ν.
9	Depreciation/Amortization		-	_	_		
0	Regulatory Amortization	2		2			
1	Taxes			7		-	
2	Total Production & Transmission	0	0	0	0	(9,871)	(1
	Distribution						
3	Operating Expenses			-	-		
1	Depreciation/Amortization		_				
5	Taxes	-	_	14	2		
5	State Income Taxes	2	1	(11)	-		
7	Total Distribution	2	1	(11)	0	0	
3	Customer Accounting	(165)				(15)	
9	Customer Service & Information	(103)	-			(15)	
0	Sales Expenses		-	-	2	-	
	Administrative & General						
	Operating Expenses		(27)	271		***	
		-	(37)	371	5	(16)	
2	Depreciation/Amortization	-	-	-	-	-	
3	Taxes					-	
4	Total Admin. & General	0	(37)	371	0	(16)	
5	Total Electric Expenses	(163)	(36)	360	0	(9,902)	(1
6	OPERATING INCOME BEFORE FIT	163	36	(360)	0	3,170	1
_	FEDERAL INCOME TAX						
7	Current Accrual	57	13	(126)	188	(2,345)	
8	Debt Interest		~	-	-	-	
9	Deferred Income Taxes		*	-	(180)	3,455	
0	Amortized ITC - Noxon		-	(+)	-		
1	NET OPERATING INCOME	\$106	\$23	(\$234)	(\$8)	\$2,060	\$1
	RATE BASE						
	PLANT IN SERVICE						
2	Intangible	\$0	\$0	\$0	\$0	\$0	
3	Production	-	-			-	
4	Transmission	-		_			
5	Distribution			_	_		
5	General						
7	Total Plant in Service	-	-				
	ACCUMULATED DEPRECIATION/AT						
3	Intangible						
)	Production	170		-	170	-	
)	Transmission		-	-	-	-	
l	Distribution	-	-	-	-		
2	General		-	-	-	-	
	Total Accumulated Depreciation						
	NET PLANT			.	-	:	
5	DEFERRED TAXES		2		-	2	
5	Net Plant After DFIT						
	DEFERRED DEBITS AND CREDITS	177				-	
	WORKING CAPITAL				(#3)		
)	TOTAL RATE BASE	\$0	\$0	\$0	\$0	\$0	a
	RATE OF RETURN	φυ	Φ	20	20	20	§
	OI KETOKIT						
	REVENUE REQUIREMENT	(166)					

(000'S OF DOLLARS)

Line No.	DESCRIPTION	CS2 Levelized	Revenue	Misc Postating	Restate	Colstrip / CS2	Restate Debt	Restated
10.	Adjustment Number	2.08	Normalization 2.09	Restating 2.10	Incentives 2.11	Maintenance 2.12	Interest 2.13	TOTAL
	Workpaper Reference	E-CS2	E-RN	E-MR	E-RI	E-CCOM	E-RDI	R-Ttl
	REVENUES			25,000				
1	Total General Business	\$0	\$4,874	\$0	\$0	\$0	\$0	\$251,11
2	Interdepartmental Sales			-		-	-	209
3	Sales for Resale	-	4.074	-	-	-		46,55
5	Total Sales of Electricity Other Revenue	0	4,874	0	0	0	0	297,882
6	Total Electric Revenue	0	4,874	0	- 0	0	- 0	56,62 354,503
	EXPENSES							
	Production and Transmission							
7	Operating Expenses	-	612	(*)	-	-		118,87
8	Purchased Power	-	-	-	-	-	-	88,61
9	Depreciation/Amortization	-	-	-	-	-		13,78
10	Regulatory Amortization	235	9,023	-	-	1,339	-	520
11	Taxes	-	-	-		_	-	6,24
12	Total Production & Transmission	235	9,635	0	0	1,339	0	228,04
3	Distribution Operating Expenses			120				10.05
4	Depreciation/Amortization		-	-	-	-	-	10,95
5	Taxes	-	_	-	-	-	*	11,20 2,47
6	State Income Taxes	(3)	40	1	(8)	(20)		43
7	Total Distribution	(3)	40	i	(8)	(20)	0	25,05
8	Customer Accounting	-	14				-	4,19
9	Customer Service & Information		(7,478)	-	-			58
0.0	Sales Expenses	(*)		-	-	-		1333
	Administrative & General							
1	Operating Expenses	-	11	(25)	276	-	-	22,68
2	Depreciation/Amortization	-	2	-	-	-	-	6,00
23	Taxes	-					-	
24	Total Admin. & General	0	11	(25)	276	0	0	28,68
25	Total Electric Expenses	232	2,222	(24)	268	1,319	0	286,568
26	OPERATING INCOME BEFORE FIT	(232)	2,652	24	(268)	(1,319)	0	67,93
	FEDERAL INCOME TAX	25.00						
27 28	Current Accrual	(81)	928	8	(94)	(462)	191	4,80
29	Debt Interest Deferred Income Taxes	-		-	(*)	-	-	(92
30	Amortized ITC - Noxon	-	-	-	1	-	-	12,058
								(6)
31	NET OPERATING INCOME	(\$150)	\$1,724	\$16	(\$174)	(857)	(191)	51,22
	RATE BASE							
	PLANT IN SERVICE	100	199					
32	Intangible Production	\$0	\$0	\$0	\$0	\$0	\$0	\$42,64
4	Transmission	-	-	-		•	-	380,01
5	Distribution	-	-	-	-			181,26
36	General	-	-	-	-	•	-	424,03
7	Total Plant in Service		-	-				77,99 1,105,95
0	ACCUMULATED DEPRECIATION/Al							
8	Intangible Production	-	-			-		1,65
0	Production Transmission	=		-	-	Ť		155,98
1	Distribution	-	-	-	-	-	-	60,51
2	General		-		· - /	-	-	133,46
3	Total Accumulated Depreciation				-	<u>_</u>		32,02
	NET PLANT					<u>_</u>		383,64 722,31
5	DEFERRED TAXES	_	-	_	-			(113,69
6	Net Plant After DFIT		-		-	<u>_</u>		608,62
	DEFERRED DEBITS AND CREDITS	2			-		-	74
8	WORKING CAPITAL				-			7,38
9	TOTAL RATE BASE	\$0	\$0	\$0	\$0	\$0	\$0	\$616,74
0	RATE OF RETURN							8.319
0	REVENUE REQUIREMENT	236	(2,706)	(25)	273	1,346	300	1,489

Line No.	DESCRIPTION	Pro Forma Power Supply	Pro Forma Transmission Rev/Exp	Pro Forma Labor Non-Exec	Pro Forma Generation Major O&M	Pro Forma Employee Benefits	Pro Forma Insurance	Pro Forma Property Tax
	Adjustment Number	3.01	3.02	3.03	3.04	3.05	3.06	3.07
	Workpaper Reference	E-PPS	E-PTR	E-PLN	E-HMM	E-PEB	E-PI	E-PT
	REVENUES							
1 2	Total General Business	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Interdepartmental Sales Sales for Resale	(24,190)		-	5. H	-	-	-
4	Total Sales of Electricity	(24,190)	0	0	- 0	. 0	- 0	0
5	Other Revenue	(49,633)	371	-	-	-	-	
6	Total Electric Revenue	(73,823)	371	0	0	0	0	0
	EXPENSES							
7	Production and Transmission Operating Expenses	(43,777)	2	200	021	2.52		
8	Purchased Power	(32,433)	3	290	921	353		
9	Depreciation/Amortization	(,)				-		
10	Regulatory Amortization							
11 12	Taxes Total Production & Transmission	(76,210)	3	290	921	353	- 0	380 380
	Distribution				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	555	Ü	500
13	Distribution Operating Expenses	4-4		207	w	212		
14	Depreciation/Amortization		-	207	*	212	-	
15	Taxes		-	-		-	-	68
16	State Income Taxes	35	5	(15)	(14)	(32)	0	(7
17	Total Distribution	35	5	192	(14)	180	0	61
18	Customer Accounting	-		72		82	2	-
19	Customer Service & Information		-	8		10	-	
20	Sales Expenses	-	-	-			*	
	Administrative & General							
21	Operating Expenses		-	205		733	(13)	-
22 23	Depreciation/Amortization Taxes	(#) (2)	39	(4)	*	(*)	-	-
24	Total Admin. & General	0	0	205	0	733	(13)	7
25	Total Electric Expenses	(76,175)	8	767	907	1,358	(13)	448
26	OPERATING INCOME BEFORE FIT	2,352	363	(767)	(907)	(1,358)	13	(448)
	FEDERAL INCOME TAX							
27	Current Accrual	823	127	(269)	(318)	(475)	4	(157)
28 29	Debt Interest Deferred Income Taxes	-	-	-	-	(%)	*	-
30	Amortized ITC - Noxon	-	-		2	-		
31	NET OPERATING INCOME	\$1,529	\$236	(\$499)	(\$590)	(\$883)	\$8	(\$291)
	PARTE BAGE			(4.55)	(4575)	(\$003)	30	(3271)
	RATE BASE PLANT IN SERVICE							
32	Intangible	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	Production	-	-	-	-	-	-	-
34 35	Transmission Distribution		-	-	-	-	-	-
36	General	-	-	-			*	-
37	Total Plant in Service	-	-	-	-		-	
	ACCUMULATED DEPRECIATION/A?	2		9				
38	Intangible		-	_	-		-	
39	Production		-	-	14	9	-	-
40 41	Transmission Distribution	1 7	-	-	-	-	-	-
42	General	-	-	-			-	-
43	Total Accumulated Depreciation		-					
44	NET PLANT	-	-	-	-	2	-	
	DEFERRED TAXES		-			-	18	-
46	Net Plant After DFIT		-	-	•		1.5	-
	DEFERRED DEBITS AND CREDITS WORKING CAPITAL	-	-	-		3	-	-
49	TOTAL RATE BASE	\$0	\$0	60	***	***	**	1900
50	RATE OF RETURN	20	20	\$0	\$0	\$0	\$0	\$0
	ALLE OF RELOKET							
50	REVENUE REQUIREMENT	(2,399)	(370)	783	926	1,386	(13)	457

Line No.	DESCRIPTION	Pro Forma IS/IT Costs	Planned Capital Add 2012	Planned Capital Add 2013 AMA	PF Energy Efficiency Load Adj.	O&M Offsets	Depreciation Study	FINAL TOTAL
110.	Adjustment Number	3.08	3.09	3.10	3.11	3.12	3.13	F-Ttl
	Workpaper Reference	E-ISIT	E-CAP12	E-CAP13	E-EELA	E-Other	E-DS	
9	REVENUES							
1 2	Total General Business	\$0	\$0	\$0	(\$2,604)	\$0	\$0	\$248,511
3	Interdepartmental Sales Sales for Resale	-	-		-	7.		209
4	Total Sales of Electricity	0	0	0	(2,604)	0	0	22,368 271,088
5	Other Revenue	-		-	-	_	-	7,359
6	Total Electric Revenue	0	0	0	(2,604)	0	0	278,447
	EXPENSES Production and Transmission							
7	Operating Expenses	80	-			(35)		76,711
8	Purchased Power	-	-	-	(976)	(55)	2	55,202
9	Depreciation/Amortization	-	534	128	-		(1,780)	12,669
10	Regulatory Amortization	-				-	-	520
11 12	Taxes Total Production & Transmission	80	534	128	(976)	(35)	(1,780)	6,626 151,728
	Distribution							
13	Operating Expenses	-		-	-	(66)		11,311
14 15	Depreciation/Amortization Taxes	-	457	263	-	-	1,850	13,770
16	State Income Taxes	(9)	(83)	(23)	(24)	2	(13)	2,538 254
17	Total Distribution	(9)	374	240	(24)	(64)	1,837	27,873
		25.7			()	(0.)	1,007	27,075
18	Customer Accounting	(2)	-	-	(7)	-	*	4,343
19 20	Customer Service & Information Sales Expenses	-	-	-	7	1.00		601
20	30 (1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	-	-	5		-	-	4
	Administrative & General							
21 22	Operating Expenses Depreciation/Amortization	274	2 211	5/2	(6)	(12)		23,863
23	Taxes	-	2,311	563			405	9,284 7
24	Total Admin. & General	274	2,311	563	(6)	(12)	405	33,154
25	Total Electric Expenses	345	3,219	931	(1,013)	(111)	462	217,703
26	OPERATING INCOME BEFORE FIT	(345)	(3,219)	(931)	(1,591)	111	(462)	60,744
	FEDERAL INCOME TAX							
27	Current Accrual	(121)	(1,127)	(326)	(557)	39	(162)	2,286
28 29	Debt Interest Deferred Income Taxes	-	(218)	(17)	-			(327
30	Amortized ITC - Noxon	-	(15)	-	-			12,058 (76
								(70
31	NET OPERATING INCOME	(\$224)	(\$1,859)	(\$589)	(\$1,034)	\$72	(\$300)	\$46,803
	RATE BASE PLANT IN SERVICE							
32	Intangible	\$0	\$9,395	\$2,181	\$0	\$0	\$0	\$54,223
33	Production	-	13,940	4,560		-	-	398,512
34	Transmission	*	9,788	2,175	1.5	(70)	-	193,224
35 36	Distribution General	-	16,366	9,211	-			449,614
37	Total Plant in Service		7,474 56,963	3,016 21,143	-	-	-	88,488 1,184,061
	ACCUMULATED DEPRECIATION/Al							-
38	Intangible	-	2,816	2,242	-	-		6,713
39 40	Production Transmission		9,848	4,387	-	-		170,215
41	Distribution		3,769 11,353	1,775 6,860	100	-	(#)	66,056 151,682
42	General	_	4,351	2,575	-	_	-	38,950
43	Total Accumulated Depreciation		32,137	17,839	-	-		433,616
44	NET PLANT	-	24,826	3,304		-	-	750,445
45	DEFERRED TAXES	-	(4,121)	(1,722)	-	-	-	(119,538
46	Net Plant After DFIT	-	20,705	1,582	-	2	-	630,907
47 48	DEFERRED DEBITS AND CREDITS WORKING CAPITAL	-	-	-	-	-	-	741 7,382
49	TOTAL RATE BASE	\$0	20,705	1,582	-		\$0	\$639,030
50	RATE OF RETURN			1,502			φ0	7.32%
		252	5.77	1.10:		22.12		
50	REVENUE REQUIREMENT	352	5,667	1,134	1,623	(113)	471 E	11,394 Exhibit No. 10

	T		H PRESENT RA	TES	WITH PROPO	SED RATES
Line		Actual Per Results	Total	Pro Forma	Proposed Revenues &	Pro Forma Proposed
No.	DESCRIPTION a	Report b	Adjustments C	Total d	Related Exp	Total
		Ü	C	и	e	f
1	REVENUES	660,000	e (5 750)	060.050		
2	Total General Business Total Transportation	\$68,808 400	\$ (5,750) (120)	\$63,058 280	\$4,561	\$67,619
3	Other Revenues	36,759	(36,603)	156		280 156
4	Total Gas Revenues	105,967	(42,473)	63,494	4,561	68,055
		1.50	3 5 35		200000	1.000.000
	EXPENSES					
-	Production Expenses					
5	City Gate Purchases Purchased Gas Expense	75,399 88	(42,501)	32,898		32,898
7	Net Nat Gas Storage Trans	(2,404)	2 2,767	90 363		90 363
8	Total Production	73,083	(39,732)	33,351	-	33,351
			(,)	,		55,551
	Underground Storage					
9	Operating Expenses	275	-	275		275
10	Depreciation	188	(23)	165		165
11	Taxes Total Underground Storage	476	(22)	14 454		14
12	Total Oliderground Storage	476	(22)	434		454
	Distribution					
13	Operating Expenses	4,880	92	4,972		4,972
14	Depreciation	3,619	457	4,076		4,076
15	Taxes	2,137	(1,127)	1,010		1,010
16	State Income Taxes	75	(22)	53	68	121
17	Total Distribution	10,711	(600)	10,111	68	10,179
18	Customer Accounting	2,559	(253)	2,306	12	2,318
19	Customer Service & Information	2,308	(1,909)	399	12	399
20	Sales Expenses	3	-	3		3
-200	Administrative & General					
21	Operating Expenses	5,497	403	5,900	11	5,911
22 23	Depreciation/Amortization Regulatory Amortizations	1,434 (34)	1,089	2,523		2,523
24	Taxes	(34)	34			-
25	Total Admin. & General	6,897	1,526	8,423	11	8,434
26	Total Gas Expense	96,037	(40,990)	55,047	91	55,138
27	OPERATING INCOME BEFORE FIT	9,930	(1,483)	8,447	4,470	12,917
	FEDERAL INCOME TAX					
28	Current Accrual	826	(477)	349	1,565	1,914
29	Debt Interest	-	(34)	(34)	1,505	(34)
30	Deferred FIT	1,679	(9)	1,670		1,670
31	Amort ITC	(17)		(17)		(17)
32	NET OPERATING INCOME	\$7,442	(\$963)	\$6,479	\$2,905	\$9,384
	RATE BASE: PLANT IN SERVICE					
33	Underground Storage	\$9,622	\$1,210	\$10,832		\$10,832
34	Distribution Plant	152,677	8,263	160,940		160,940
35	General Plant	17,567	6,550	24,117		24,117
36	Total Plant in Service	179,866	16,023	195,889	-	195,889
	ACCURATE APPROPRIATE APPROPRIA					
37	ACCUMULATED DEPREC/AMORT Underground Storage	2 622	247	2.070		2.070
38	Distribution Plant	3,623 48,748	347 7,572	3,970 56,320		3,970
39	General Plant	5,542	2,992	8,534		56,320 8,534
40	Total Accum. Depreciation/Amort.	57,913	10,911	68,824	-	68,824
	NET PLANT	121,953	5,112	127,065	-	127,065
	DEFERRED FIT	(22,364)	(1,917)	(24,281)		(24,281)
43	Net Plant After DFIT	99,589	3,195	102,784	-	102,784
	GAS INVENTORY GAIN ON SALE OF BUILDING	6,702	2	6,702		6,702
	OTHER	(2) (66)	-	(66)		(66)
	WORKING CAPITAL	1,510	-	1,510		1,510
				-,3		1,510
48	TOTAL RATE BASE	\$107,733	\$3,197	\$110,930	\$0	\$110,930
49	RATE OF RETURN	6.91%		5.84%		8.46%

AVISTA UTILITIES

Calculation of General Revenue Requirement Idaho - Natural Gas

TWELVE MONTHS ENDED JUNE 30, 2012

Line No.	Description	(000's of Dollars)
1	Pro Forma Rate Base	\$110,930
2	Proposed Rate of Return	8.46%
3	Net Operating Income Requirement	\$9,385
4	Pro Forma Net Operating Income	\$6,479
5	Net Operating Income Deficiency	\$2,906
6	Conversion Factor	0.63711
7	Revenue Requirement	\$4,561
8	Total General Business Revenues	\$63,338
9	Percentage Revenue Increase	7.20%

AVISTA UTILITIES PRO FORMA COST CAPITAL Idaho - Natural Gas

Proposed: Component	Capital Structure	Pro Forma Cost	Pro Forma Weighted Cost
Total Debt	50.00%	6.02%	3.01%
Common Equity	50.00%	10.90%	5.45%
Total	100.00%	=	8.46%

AVISTA UTILITIES Revenue Conversion Factor Idaho - Natural Gas System TWELVE MONTHS ENDED JUNE 30, 2012

Line No.	Description	Factor
1	Revenues	1.000000
2	Expenses: Uncollectibles	0.002651
3	Commission Fees	0.002340
4	Idaho State Income Tax	0.014845
5	Total Expenses	0.019836
6	Net Operating Income Before FIT	0.980164
7	Federal Income Tax @ 35%	0.343057
8	REVENUE CONVERSION FACTOR	0.63711

ine No.	DESCRIPTION	Per Results Report	FIT Rate Base	Deferred Debits and Credits	Working Capital Restating	Restating 2011 Capital	Revenue Normalization of Gas Cost Adjus
	Adjsutment Number	1.00	1.01	1.02	1.03	1.04	2.01
	Workpaper Reference	G-ROO	G-DFIT	G-DDC	G-WC	G-PCAP	G-RNGC
	REVENUES	450.000					
2	Total General Business Total Transportation	\$68,808 \$	-	\$ -	- \$		\$ (4,5
3	Other Revenues	400 36,759	-	-		-	(1
4	Total Gas Revenues	\$105,967		<u>:</u>			(36,6
		\$105,507					(41,2
	EXPENSES Production Expenses						
5	City Gate Purchases	75,399					(42,
6	Purchased Gas Expense	88					(724)
7	Net Nat Gas Storage Trans	(2,404)			-	-	2,
3	Total Production	73,083	-	•	-	-	(39,
	Underground Storage						
9	Operating Expenses	275		-		-	
0	Depreciation/Amortization	188		-	-	2	
1	Taxes Total Underground Storage	13 476	-			2	
3	Distribution Operating Expenses	4,880	(28))	1201	w		
4	Depreciation/Amortization	3,619	-	-	5	42	
5	Taxes	2,137			2		
6	State Income Taxes 0.014845	75		(0)		(2)	
7	Total Distribution	10,711	-	(0)	=	40	
8	Customer Accounting	2,559	-	1			
9	Customer Service & Information	2,308		-			(1,
0	Sales Expenses	3	-	-	*	-	
	Administrative & General						
1	Operating Expenses	5,497		11			
2	Depreciation/Amortization	1,434			2	66	
23	Regulatory Amortizations	(34)					
14	Taxes Total Admin. & General	6,897		- 11		-	
26	Total Gas Expense	96,037		12		108	(41,
7	_						
(OPERATING INCOME BEFORE FIT	9,930		(12)	-	(108)	8
	FEDERAL INCOME TAX			1220		West 100,000	
9	Current Accrual	826	- (2)	(4)	-	(38)	
19	Debt Interest Deferred FIT	1,679	(3)	(0)	-	3	
1	Amort ITC	(17)		-	-		
2	NET OPERATING INCOME	\$ 7,442 \$	3	\$ (8)	- s	(73)	\$
	PATE DAGE						
	RATE BASE PLANT IN SERVICE						
3	Underground Storage	\$9,622 \$	-	s - :	- S	927	\$
4	Distribution Plant	152,677	-	5	=	437	
5	General Plant	17,567	-	-	*	778	
6	Total Plant in Service	179,866	•	π	-	2,142	
	ACCUMULATED DEPRECIATION/AMORT						
7	Underground Storage	3,623	-			72	
8	Distribution Plant General Plant	48,748 5,542	-	-	-	1,875	
0	Total Accumulated Depreciation/Amortization	57,913	-	<u>:</u>		1,964	
	NET PLANT	121,953		-	-	178	
2	DEFERRED TAXES	(22,364)	297		-	(420)	
	Net Plant After DFIT	99,589	297	-	-	(242)	
3	GAS INVENTORY	6,702				(= .2)	
3 4	GAIN ON SALE OF BUILDING	(2)	-	2		-	
4 5		(66)			_		
4 5 6	OTHER WORKING CAPITAL	1,510	-				
4 5 6		1,510	-				
4 5 7			297	s 2 5	s - s	(242)	\$
4 5 7	WORKING CAPITAL		297	s 2 5	s - s	(242)	\$

		Eliminate		Regulatory	Injuries	FIT /	Misc
Line		B & O	Uncollectible	Expense	and	DFIT	Restating
No.	DESCRIPTION Adjsutment Number	Taxes 2.02	Expense 2.03	Adjustment 2.04	Damages 2.05	Expense	Adjustments
	Workpaper Reference	G-EBO	G-UE	G-RE	G-ID	2.06 G-FIT	2.07 G-MR
	REVENUES						
		\$ (1,222) \$		- \$		- \$	
	Total Transportation Other Revenues	(7)					
	Total Gas Revenues	(1,229)		<u>_</u>			
		(1,000)			-	7	,
	EXPENSES Production Expenses						
5	City Gate Purchases						
6	Purchased Gas Expense						
7	Net Nat Gas Storage Trans						
8	Total Production	-	-	•		-	
9	Underground Storage Operating Expenses						
10	Depreciation/Amortization						
11	Taxes		-				
	Total Underground Storage	75				5.50	
	Distribution						
13	Operating Expenses						
14	Depreciation/Amortization	0.00				120	
15 16	Taxes	(1,229)					2
	State Income Taxes Total Distribution	(1,229)	5 5	(0)	(0)		(
10	Contamor A constitution			133	(-)		
	Customer Accounting Customer Service & Information		(330)		*		10
	Sales Expenses		-			1.0	33 34
	Administrative & General						
21	Operating Expenses			2	20		(8
22	Depreciation/Amortization				20		(6
23	Regulatory Amortizations						
24 25	Taxes		-	-			
	Total Admin. & General Total Gas Expense	(1,229)	(325)	2	20		(8
	_	(1,229)			20	•	(8
27	OPERATING INCOME BEFORE FIT		325	(2)	(20)	1+1	8
	FEDERAL INCOME TAX						
	Current Accrual Debt Interest	-	114	(1)	(7)	9	3
	Deferred FIT	-	-		•	- (0)	
	Amort ITC					(9)	
32	NET OPERATING INCOME	s - s	211 \$	(1) \$	(13) \$	- \$	5
	RATE BASE						
	PLANT IN SERVICE						
33	Underground Storage	s - s	- \$	- \$	- \$	- \$	
34	Distribution Plant	-			(Car)	100	= 19
35	General Plant	-	-	-	-		
	Total Plant in Service	(E)	-	(-)		-	8
	ACCUMULATED DEPRECIATION/						
37	Underground Storage				•		
38	Distribution Plant General Plant		•	-	(8)	-	
	Total Accumulated Depreciation/Amor	-	-		· · · · · ·		
	NET PLANT				(*)	3.50	
42	DEFERRED TAXES			-			
43	Net Plant After DFIT	140	-		\$.		15
	GAS INVENTORY						
	GAIN ON SALE OF BUILDING			-			
	OTHER WORKING CAPITAL	•				_	
	TOTAL RATE BASE	s - s	- S	- S	- S	- S	
48	TOTAL RATE DADE		9				
	RATE OF RETURN						
49	===		(332)	2	20		(8

Line	NPG COVERNO	Restating Incentive	Restate Debt	Restated
No.	DESCRIPTION Adjustment Number	Adjustment 2,08	Interest	Total
	Workpaper Reference	G-RI	2.09 G-DI	R-Ttl
	REVENUES			
1	Total General Business	\$	\$	\$ 63,058
2	Total Transportation Other Revenues			280
4	Total Gas Revenues			156
	EXPENSES			05,494
5	Production Expenses City Gate Purchases			
6	Purchased Gas Expense			32,898 58
7	Net Nat Gas Storage Trans			363
8	Total Production			33,319
	Underground Storage			
9	Operating Expenses			275
11	Depreciation/Amortization Taxes			190
12	Total Underground Storage	-		13 478
	Distribution			
13	Operating Expenses			4,880
14 15	Depreciation/Amortization Taxes			3,661
16	State Income Taxes	(1)		908 83
17	Total Distribution	(1)		9,532
18	Customer Accounting		0.2	2,218
19	Customer Service & Information			388
20	Sales Expenses	(*)	N=	3
	Administrative & General			-
21	Operating Expenses Depreciation/Amortization	73	0.7	5,584 1,500
23	Regulatory Amortizations			1,500
24	Taxes		-	-
25	Total Admin. & General	73	-	
26	Total Gas Expense	72		53,022
27	OPERATING INCOME BEFORE FIT	(72)	:-	10,472
28	FEDERAL INCOME TAX Current Accrual	(25)	33	1,058
29	Debt Interest	(25)	-	(1)
30	Deferred FIT			1,670
31	Amort ITC	-	-	(17)
32	NET OPERATING INCOME	\$ (47)	\$ (33) \$ 7,762
	RATE BASE			
33	PLANT IN SERVICE Underground Storage	s -	\$ -	\$ 10,549
34	Distribution Plant			153,114
35	General Plant	H.	-	18,345
36	Total Plant in Service		17.	182,008
37	ACCUMULATED DEPRECIATION/ Underground Storage			3,695
38	Distribution Plant			50,623
39	General Plant			5,559
40	Total Accumulated Depreciation/Amor			59,877
41 42	NET PLANT DEFERRED TAXES		1.	122,131
43	Net Plant After DFIT			(22,487) 99,644
44	GAS INVENTORY			6,702
45	GAIN ON SALE OF BUILDING			-
46 47	OTHER WORKING CAPITAL		-	(66) 1,510
			211	
48	TOTAL RATE BASE	<u> </u>	s -	\$ 107,790
48 49	TOTAL RATE BASE RATE OF RETURN	<u>-</u>	<u> </u>	\$ 107,790 7.20%

Line No.	DESCRIPTION	Pro Forma Labor	Intentionally Left	Pro Forma Employee	Pro Forma Insurance	Pro Forma Property	Pro Forma Atmospheric
No.	Adjsutment Number	Non-Exec 3.01	Blank 3.02	Benefits 3.03	3.04	3.05	Testing 3.06
	Workpaper Reference	G-PLN	3.02	G-PEB	G-PI	G-PT	G-PAT
,	REVENUES						
	Total General Business Total Transportation	\$ -	\$ -	\$ -	\$ - \$	- S	,
	Other Revenues					•	
4	Total Gas Revenues				-		-
	EXPENSES						
	Production Expenses						
5	City Gate Purchases		75	-		-	
6 7	Purchased Gas Expense	9	2	23	-		
8	Net Nat Gas Storage Trans Total Production	9		23		-	
	Underground Storage						
9	Operating Expenses		22	120			
10	Depreciation/Amortization					-	-
11	Taxes					1	
	Total Underground Storage	-		(*)		1	-
200	Distribution						
13	Operating Expenses	105		107			(120
14	Depreciation/Amortization		*			-	
15	Taxes		*			102	
16 17	State Income Taxes Total Distribution	(3)		(6) 101	0	(2)	(118
		(02)					(***
	Customer Accounting	41		47	-		2
	Customer Service & Information Sales Expenses	5	2	6	Ç.		
	Administrative & General						
21	Operating Expenses	54		197	(3)		
22	Depreciation/Amortization						
23	Regulatory Amortizations						
24 25	Taxes		-				-
	Total Admin. & General Total Gas Expense	54 211	-	197 374	(3)	101	- (110)
	-		-		***************************************		(118)
	OPERATING INCOME BEFORE FIT	(211)	-	(374)	3	(101)	118
	FEDERAL INCOME TAX Current Accrual	(74)		(131)	1	(36)	41
	Debt Interest	-				(50)	-
30	Deferred FIT						
31	Amort ITC			-	· · · · · · · · · · · · · · · · · · ·		
32	NET OPERATING INCOME	\$ (137)	s - :	3 (243) 5	\$ 2 \$	(66) \$	77
	RATE BASE						
	PLANT IN SERVICE						
33 34	Underground Storage Distribution Plant	\$ -	\$ - 5	- 5	- \$	- \$	
35	General Plant	-					
36	Total Plant in Service	-	3.0	.=	-	: - 2	2
	ACCUMULATED DEPRECIATION/						
37	Underground Storage	-	12.				
38	Distribution Plant	¥	-	2	120		
39	General Plant	-			(*)	-	
	Total Accumulated Depreciation/Amor_ NET PLANT		-				
	DEFERRED TAXES				•		-
	Net Plant After DFIT						
	GAS INVENTORY				1.51		
	GAIN ON SALE OF BUILDING						
46	OTHER						
47	WORKING CAPITAL				772700900000000000000000000000000000000	-	
48	TOTAL RATE BASE	s - :	s - s	- 5	- s	- S	_
	-						
49	RATE OF RETURN						

Line No.	DESCRIPTION	Pro Forma IS/IT Costs	Pro Forma Capital Add 2012	Pro Forma Capital Add 2013 AMA	O&M Offsets	Depreciation Study	FINAL TOTAL
	Adjsutment Number Workpaper Reference	3.07 G-DS	3.08 G-CAP12	3.09 G-CAP13	3.10 G-OFF	3.11 G-DS	F-Ttl
	REVENUES						
1	Total General Business	\$	- S -	\$ -	\$ - \$	- S	63,05
2	Total Transportation					12	280
3	Other Revenues						150
4	Total Gas Revenues		-	-	-	-	63,494
5	EXPENSES Production Expenses						
5	City Gate Purchases			17.0	2		32,89
6 7	Purchased Gas Expense Net Nat Gas Storage Trans			-	-		96
8	Total Production		1 1				36. 33,35
	Underground Storage						
9	Operating Expenses			-	-	-	275
10	Depreciation/Amortization		- 5	2		(32)	165
11 12	Taxes Total Underground Storage		- 5	2		(32)	454
	Distribution						
13	Operating Expenses			-			4,972
14	Depreciation/Amortization		- 146	29		240	4,076
15 16	Taxes State Income Taxes			- (2)	-	- (7)	1,010
17	Total Distribution		(1) (11) (1) 135	(3) 26	0	(7) 233	10,111
18	Customer Accounting						2.204
19	Customer Service & Information						2,300 399
20	Sales Expenses			-		2	3
21	Administrative & General				7247		
21 22	Operating Expenses Depreciation/Amortization	5	- 612	141	(6)	270	5,900
23	Regulatory Amortizations		- 612	141		270	2,523
24	Taxes						
25	Total Admin. & General		74 612	141	(6)	270	8,423
26	Total Gas Expense		73 752	169	(6)	471	55,047
27	OPERATING INCOME BEFORE FIT	(73) (752)	(169)	6	(471)	8,447
	FEDERAL INCOME TAX						
28	Current Accrual	(2	26) (263)		2	(165)	349
29 30	Debt Interest Deferred FIT		- (47)	14		•	(34
31	Amort ITC		: :				1,670 (17
32	NET OPERATING INCOME	\$ (4	17) \$ (442)	\$ (124)	\$ 4 \$	(306) \$	6,479
	RATE BASE						
33	PLANT IN SERVICE Underground Storage	\$	- \$ 158	\$ 125	s - s	- s	10,832
34	Distribution Plant		- 6,665	1,161		- 3	160,940
35	General Plant		- 4,462	1,310	-		24,117
36	Total Plant in Service		- 11,285	2,596	=	-	195,889
27	ACCUMULATED DEPRECIATION/		5000 A				
37 38	Underground Storage Distribution Plant		- 192 - 3,671	83 2,026			3,970
39	General Plant		- 3,671	1,261		-	56,320 8,534
40	Total Accumulated Depreciation/Amor		- 5,577	3,370	-		68,824
41	NET PLANT		- 5,708	(774)			127,065
42	DEFERRED TAXES		(1,259)	(535)			(24,28)
43	Net Plant After DFIT		- 4,449	(1,309)	-	£	102,784
44	GAS INVENTORY			14			6,702
45 46	GAIN ON SALE OF BUILDING OTHER						
46 47	WORKING CAPITAL						1,51
40	TOTAL DATE DATE	•					
48 49	TOTAL RATE BASE RATE OF RETURN	3	- \$ 4,449	\$ (1,309)	<u>s - s</u>	- \$	110,930
50	REVENUE REQUIREMENT	7	74 1,284	21	(6)	480	4,561