Exhibit No (JSS-6)	ı
BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION	
DOCKET NO. UE-160228	
DOCKET NO. UG-160229	
EXHIBIT NO(JSS-6)	
JENNIFER S. SMITH	
REPRESENTING AVISTA CORPORATION	

AVISTA UTILITIES

WASHINGTON NATURAL GAS - PRO FORMA STUDY AND

CROSS CHECK STUDIES

TWELVE MONTHS ENDED SEPTEMBER 30, 2015

	S OF DOLLARS)			2017		
(WIT	TH PRESENT RATES		WITH 2017 PROF	POSED RATES
		Actual Per		2017	Proposed	2017
Line		Results	Total	Adjusted	Revenues &	Proposed
No.	DESCRIPTION a	Report b	Adjustments C	Total d	Related Exp	Total f
		b	C	u	e	J
1	REVENUES Total Conoral Pusiness	\$152,492	¢ (69 125)	\$84,057	\$7,026	\$91,983
1 2	Total General Business Total Transportation	4,114	\$ (68,435) 302	\$4,416	\$7,926	\$91,983 4,416
3	Other Revenues	105,088	(104,805)	\$283		283
4	Total Gas Revenues	261,694	(172,938)	88,756	7,926	96,682
	EXPENSES					
	Production Expenses					
5	City Gate Purchases	164,944	(164,944)	-		-
6	Purchased Gas Expense	810	63	873		873
7 8	Net Nat Gas Storage Trans Total Production	8,665 174,419	(8,665)	873		873
0		174,417	(173,540)	073		073
9	Underground Storage Operating Expenses	833	(0)	833		833
10	Depreciation	429	68	497		497
11	Taxes	292	7	299		299
12	Total Underground Storage	1,554	75	1,629	-	1,629
	Distribution					
13	Operating Expenses	11,531	1,315	12,846		12,846
14	Depreciation	8,931	1,309	10,240	204	10,240
15 16	Taxes Total Distribution	14,014 34,476	(7,929)	6,085 29,171	304 304	6,389 29,475
17 18	Customer Accounting Customer Service & Information	6,595 5,790	(134) (4,897)	6,461 893	46	6,507 893
19	Sales Expenses	5,790	(4,897)	0		0
	Administrative & General		-	•		-
20	Operating Expenses	13,388	2,060	15,448	16	15,464
21	Depreciation/Amortization	5,206	3,450	8,656		8,656
22	Regulatory Amortizations	-	1,079	1,079		1,079
23	Taxes		-	-		<u> </u>
24	Total Admin. & General	18,594	6,589	25,183	16	25,199
25	Total Gas Expense	241,428	(177,219)	64,209	366	64,575
26	OPERATING INCOME BEFORE FIT	20,266	4,281	24,547	7,560	32,107
	FEDERAL INCOME TAX					
27	Current Accrual	(6,651)	1,152	(5,499)	2,646	(2,853)
28	Debt Interest	-	(403)	(403)	-	(403)
29	Deferred FIT	12,388	-	12,388		12,388
30	Amort ITC	(20)	-	(20)		(20)
31	NET OPERATING INCOME	14,549	3,532	18,081	4,914	22,995
	RATE BASE: PLANT IN SERVICE					
32	Underground Storage	25,622	2,214	27,836		27,836
33	Distribution Plant	354,360	50,006	404,366		404,366
34	General Plant	69,725	26,604	96,329		96,329
35	Total Plant in Service	449,707	78,824	528,531	-	528,531
2.5	ACCUMULATED DEPREC/AMORT	(0.004)	(1.020)	(10.054)		(10.054)
36 37	Underground Storage Distribution Plant	(9,824) (119,790)	(1,030) (17,161)	(10,854) (136,951)		(10,854) (136,951)
38	General Plant	(19,460)	(8,141)	(27,601)		(27,601)
39	Total Accum. Depreciation/Amort.	(149,074)	(26,332)	(175,406)	-	(175,406)
40	NET PLANT	300,633	52,492	353,125	-	353,125
41	DEFERRED FIT	(65,675)	(11,459)	(77,134)		(77,134)
42 43	Net Plant After DFIT GAS INVENTORY	234,958	41,033	275,991	-	275,991
44	GAS INVENTORY GAIN ON SALE OF BUILDING	15,143	-	15,143		15,143
45	OTHER	(509)	(3,836)	(4,345)		(4,345)
46	WORKING CAPITAL	9,797	2,828	12,625		12,625
47	TOTAL RATE BASE	259,389	43,861	299,414	0	299,414
48	RATE OF RETURN	5.61%		6.04%		7.68%

AVISTA UTILITIES

WASHINGTON NATURAL GAS - PRO FORMA STUDY AND

CROSS CHECK STUDIES
TWELVE MONTHS ENDED SEPTEMBER 30, 2015

	ELVE MONTHS ENDED SEPTEMBER 30, 201: 'S OF DOLLARS)	5	2018 (6 Months)									
(000)	3 OF DOLLARS)		WITH PRESE		(Violitis)	WITH 2018 PRO	POSED RATES					
		2017	2018	2018	2017 Proposed	2018 Proposed	2018 (6 months)					
Line		Pro Forma	Total	Adjusted	Revenues &	Revenues &	Proposed					
No.		Total	Adjustments	Total	Related Exp	Related Exp	Total					
	a	b	c	d	e	f	g					
	REVENUES											
1	Total General Business	\$84,057		\$84,057	\$7,926	\$1,536	\$93,519					
2	Total Transportation	4,416	-	\$4,416			4,416					
3	Other Revenues	283	-	\$283			283					
4	Total Gas Revenues	88,756	-	88,756	7,926	1,536	98,218					
	EVDENGEG											
	EXPENSES Production Expenses											
5	Production Expenses City Gate Purchases											
6	Purchased Gas Expense	873	8	881			881					
7	Net Nat Gas Storage Trans	-	-	-			-					
8	Total Production	873	8	881	_	_	881					
	Underground Storage											
9	Operating Expenses	833	-	833			833					
10	Depreciation	497	5	502			502					
11	Taxes	299	-	299			299					
12	Total Underground Storage	1,629	5	1,634	-	-	1,634					
	Distribution											
13	Operating Expenses	12,846	(185)	12,661			12,661					
14	Depreciation	10,240	576	10,816			10,816					
15	Taxes	6,085	570	6,085	304	59	6,448					
16	Total Distribution	29,171	391	29,562	304	59	29,925					
		,		,								
17	Customer Accounting	6,461	54	6,515	46	9	6,570					
18	Customer Service & Information	893	4	897			897					
19	Sales Expenses	-	0	0			0					
	Administrative & General					_						
20	Operating Expenses	15,448	(686)	14,762	16	3	14,781					
21	Depreciation/Amortization	8,656	1,617	10,273			10,273					
22 23	Regulatory Amortizations Taxes	1,079	(540)	540			540					
24	Total Admin. & General	25,183	392	25,574	16	3	25,593					
25	Total Gas Expense	64,209	854	65,063	366	71	65,500					
23	Total Gas Expense	04,207	054	05,005	300	71	03,300					
26	OPERATING INCOME BEFORE FIT	24,547	(854)	23,693	7,560	1,465	32,718					
	FEDERAL INCOME TAX											
27	Current Accrual	(5,499)	(299)	(5,798)	2,646	513	(2,639)					
28	Debt Interest	(403)	(60)	(463)	=	=	(463)					
29	Deferred FIT	12,388	-	12,388			12,388					
30	Amort ITC	(20)	-	(20)			(20)					
31	NET OPERATING INCOME	18,081	(495)	17,586	4,914	952	23,452					
31	THE OF EXAMINO INCOME	10,081	(473)	17,500	4,714	732	23,432					
	RATE BASE: PLANT IN SERVICE											
32	Underground Storage	\$ 27,836	344	28,180			\$28,180					
33	Distribution Plant	404,366	14,859	419,225			419,225					
34	General Plant	96,329	6,541	102,870			102,870					
35	Total Plant in Service	528,531	21,744	550,275	-	-	550,275					
	ACCUPATE AREA DESCRIPTION											
20	ACCUMULATED DEPREC/AMORT	(10.054)	(270)	(11.224)			(11,224)					
36 37	Underground Storage Distribution Plant	(10,854) (136,951)	(370) (6,376)	(11,224) (143,327)			(143,327)					
38	General Plant	(27,601)	(4,814)	(32,415)			(32,415)					
39	Total Accum. Depreciation/Amort.	(175,406)	(11,560)	(186,966)	_		(186,966)					
40	NET PLANT	353,125	10,184	363,309			363,309					
41	DEFERRED FIT	(77,134)	(5,528)	(82,662)			(82,662)					
42	Net Plant After DFIT	275,991	4,656	280,647	-	-	280,647					
43		15,143	-	15,143			15,143					
44	GAIN ON SALE OF BUILDING	-	-	-			-					
45	OTHER	(4,345)	1,301	(3,044)			(3,044)					
46	WORKING CAPITAL	12,625	-	12,625			12,625					
	mom.v. p. (mp = : -=						_					
47	TOTAL RATE BASE	299,414	4,656	305,371	0	0	305,371					
48	RATE OF RETURN	6.04%		5.76%			7.68%					

Exhibit No. ___(JSS-6)

AVISTA UTILITIES CALCULATION OF GENERAL REVENUE REQUIREMENT WASHINGTON NATURAL GAS TWELVE MONTHS ENDED SEPTEMBER 30, 2015 PRO FORMA & CROSS CHECK STUDY

	09.2015 PF/CC UPDATE	20	017	201	8 (6 Months)	Incren Jan-Ju	
Line No.	Description	(000's of	Dollars)		(000's of Dollars)	(000's of	Dollars)
1	Pro Forma Rate Base	\$	299,414	\$	305,371		
2	Proposed Rate of Return		7.68%		7.68%		
3	Net Operating Income Requirement		\$22,995		\$23,452		
4	Pro Forma Net Operating Income	\$	18,081	\$	17,586		
5	Net Operating Income Deficiency		\$4,914		\$5,866		\$952
6	Conversion Factor		0.620003		0.620003		0.620003
7	Revenue Requirement - 2016 (1)	\$7,926		\$9,462		\$1,536
8	Total Base Distribution Revenues*	\$	88,474			\$	96,400
9	Percentage Base Distribution Revenue Increase		8.96%				1.80%
10	Total Present Billed Revenue	\$	158,581			\$	166,507
11	Percentage Billed Revenue Increase		5.00%		•		1.00%
* Line 8 "Te	otal General Business Revenues" includes special contract transporta	ation revenues.			•		
12 13 14 15 16	Historical Pro Forma Study & Attrition Adjustments Pro Forma Study Rate Base Pro Forma Study Net income Pro Forma Study Revenue Requirement Proposed Revenue Requirement 2017 2017 Attrition Allowance		(1	\$ \$ \$	\$7,926	Pro Forma 2017 Attrition 2017 Attrition Allo	Wanga

2018 Incremental Attrition Allowance (6 months)

17

\$1,536 Jun-Jul 2018 Attrition Allowance

⁽¹⁾ The Company is not requesting a higher increase than its original filing of \$4.4 million for 2017 and \$941,000 for January to June 2018 (6 months).

AVISTA UTILITIES PROPOSED COST OF CAPITAL WASHINGTON NATURAL GAS

Proposed Capital St	ructure*		
Component	Capital Structure	Cost	Weighted Cost
Total Debt	51.5%	5.59%	2.88%
Common Equity	48.5%	9.90%	4.80%
Total	100.00%	I	7.68%
		-	

^{*} Based on 2017 estimated capital structure and cost of debt.

UPDATED 08/2016

Exhibit No. ___(JSS-6)

AVISTA UTILITIES REVENUE CONVERSION FACTOR WASHINGTON NATURAL GAS TWELVE MONTHS ENDED SEPTEMBER 30, 2015

Line No.	Description	Factor
1	Revenues	1.000000
	Expense:	
2	Uncollectibles	0.005855
3	Commission Fees	0.002000
4	Washington Excise Tax	0.038294
6	Total Expense	0.046150
7	Net Operating Income Before FIT	0.953850
8	Federal Income Tax @ 35%	0.333848
9	REVENUE CONVERSION FACTOR	0.620003

(Per Order No. 6; UE-120437, dated 6/20/2012 - "hard" CF rounded to 6 digits)

RESTATEMENT ADJUSTMENTS

11 1 2 3 3 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DESCRIPTION Adjsutment Number Workpaper Reference REVENUES Total General Business Total Transportation Other Revenues Total Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	\$ 152,492 4,114 105,088 261,694 164,944 810 8,665 174,419 833 429	Rate Base 1.01 G-DFIT \$	Credits 1.02 G-DDC		- \$ - \$ 	2.01 G-EBO (5,520) \$ (106) - (5,626)	2.02 G-RPT	2.03 G-UE
1 1 2 3 4 4 5 5 6 6 7 8 5 6 7 8 10 11 12 13 13	REVENUES Total General Business Total Transportation Other Revenues Total Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	\$ 152,492 4,114 105,088 261,694 164,944 810 8,665 174,419	\$	\$	- \$ -	- \$ - -	(5,520) \$ (106)		
1 2 3 4 5 4 5 5 6 7 7 8 5 6 7 7 8 11 11 12 11 11 11 11 11 11 11 11 11 11	Total General Business Total Transportation Other Revenues Total Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	4,114 105,088 261,694 164,944 810 8,665 174,419	- - - - - -		-	-	(106)		\$
2	Total Transportation Other Revenues Total Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	4,114 105,088 261,694 164,944 810 8,665 174,419	- - - - - -		-	-	(106)	-	*
3 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Other Revenues Total Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	105,088 261,694 164,944 810 8,665 174,419	- - -		- - -	- - - - -	-	- - - -	
4	Total Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	261,694 164,944 810 8,665 174,419	- - -		- - - -	- - -	(5,626)	- - -	
5 6 7 8 3 9 10 11 12 3	EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	164,944 810 8,665 174,419 833 429	- - - -		- - -	- - -		-	
5 6 7 8 9 10 11 12	Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	810 8,665 174,419 833 429	- - - -		- - -	- - -	-	- -	
6 7 8 9 10 11 12	Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	810 8,665 174,419 833 429	- - - -		-	- - -	-	-	
7 8 9 10 11 12	Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	8,665 174,419 833 429	- - -		-	-	-	=	
8 7 9 10 11 12 7 13	Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	174,419 833 429	-		_				
9 10 11 12 1 13	Operating Expenses Depreciation/Amortization Taxes Total Underground Storage	429	-			-	-	-	
10 11 12 13	Depreciation/Amortization Taxes Total Underground Storage	429	-						
11 12 7 13	Taxes Total Underground Storage				-	-	-	-	
12 1	Total Underground Storage	292	=		-	-	=	-	
13		1,554	-		-	-	-	(27)	
13	Distribution								
14	Operating Expenses	11,531	-		-	-	-	-	
	Depreciation/Amortization	8,931	-		-	-	-	-	
15	Taxes	14,014	-		-	-	(5,612)	(324)	
16	Total Distribution	34,476	-		=	-	(5,612)	(324)	
17	Customer Accounting	6,595	_		1	_	_		(31
	Customer Service & Information	5,790	=		-	-	-	-	(-
	Sales Expenses	-	-		-	=	=	=	
	Administrative & General								
20	Operating Expenses	13,388	-		-	-	-	=	
21 22	Depreciation/Amortization	5,206	=		-	-	-	-	
23	Regulatory Amortizations Taxes	-	_		_	_	_	_	
	Total Admin. & General	18,594	-		-	-	-	-	-
25	Total Gas Expense	241,428	=		1	=	(5,612)	(351)	(31
26	OPERATING INCOME BEFORE FIT	20,266	=		(1)	-	(14)	351	31
I	FEDERAL INCOME TAX								
	Current Accrual	(6,651			(0)	-	(5)	123	11
	Debt Interest	12 200	(1)	-	(29)	-	-	
	Deferred FIT Amort ITC	12,388	-		-	-	-	=	
31 1	NET OPERATING INCOME	\$ 14,549	\$ 1	\$	(1) \$	29 \$	(9) \$	228	\$ 20
	RATE BASE								
	PLANT IN SERVICE		¢	¢.			_		¢.
32 33	Underground Storage Distribution Plant	\$ 25,622 354,360	\$ -	\$	- \$	- \$	- \$, -	\$
34	General Plant	69,725	_		-	_	_	_	
	Total Plant in Service	449,707	-		_	-	-	-	
	ACCUMULATED DEPRECIATION/AMORT								
36	Underground Storage	(9,824) -		-	-	-	-	
37	Distribution Plant	(119,790			-	-	-	-	
38	General Plant	(19,460			-	-	-		
	Total Accumulated Depreciation/Amortization NET PLANT	(149,074 300,633			-	-	-	-	
	DEFERRED TAXES	(65,675			-	-	-		
42 1	Net Plant After DFIT	234,958			_	_	_		
	GAS INVENTORY	15,143	-		-	-	-	=	
44 (GAIN ON SALE OF BUILDING	=	-		-	-	-	-	
	OTHER WORKING CAPITAL	(509 9,797) _		-	2,828	=	=	
	TOTAL RATE BASE	\$ 259,389		\$	- \$	2,828 \$	- \$	-	\$
	RATE OF RETURN REVENUE REQUIREMENT	5.61% 8,665		5	1	304	15	-368	-3
	Pro Forma Rate of Return	7.68% 0.620003)						

F 1 T 2 T 3 C 4 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T	Adjsutment Number Workpaper Reference REVENUES Total General Business Total General Business Total Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Total Underground Storage Oistribution Operating Expenses Depreciation/Amortization Taxes Total Underground Storage Colstribution Customer Accounting Customer Accounting Customer Service & Information Sales Expenses	2.6 G-I		2.05 G-ID		2.06 G-FT		Ψ	- \$	2.08 G-RET	2.09 G-NGL \$
1 T 2 T 3 C 4 T 4 T 5 6 7 8 T 1 1 1 2 T 1 1 3 1 4 1 5 1 6 T 1 1 7 C 1 1 8 C 1 1 9 S 2 0 2 1 2 2 2	Total General Business Total Transportation Other Revenues Total Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage Obstribution Operating Expenses Depreciation/Amortization Taxes Total Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Total Distribution Customer Accounting Customer Accounting Customer Service & Information	\$		\$	- - -	\$			-		
2 T 3 C 4 T 4 T 5 5 6 7 8 T 1 1 1 2 T 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total Transportation Other Revenues Fotal Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Fotal Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Accounting Customer Service & Information	\$		\$	- - -	\$			-		
3 C 4 T 5 F 5 6 7 8 T U 9 10 11 12 T 13 14 15 16 T 17 C 18 C 20 21 22	Other Revenues Fotal Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Fotal Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Oberating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Service & Information				- - - -						
4 T E F F F F F F F F F F F F F F F F F F	Fotal Gas Revenues EXPENSES Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Fotal Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Accounting Customer Service & Information				- - -		- - - - -		- - - - - -		
5 6 7 8 T U 9 10 11 12 T 13 14 15 16 T 18 C 19 S 20 21 22	Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Fotal Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Accounting Customer Service & Information						- - - -		- - - -		- - - - - - - -
5 6 7 8 T U 9 10 11 12 T 13 14 15 16 T 18 C 19 S 20 21 22	Production Expenses City Gate Purchases Purchased Gas Expense Net Nat Gas Storage Trans Fotal Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Accounting Customer Service & Information						- - - - -		- - - - -		
6 7 8 T U 9 10 11 12 T I 13 14 15 16 T 17 C 18 C 20 21 22	Purchased Gas Expense Net Nat Gas Storage Trans Fotal Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Service & Information				- - - - - - -		- - - - - -		- - - - -		
7 8 T 9 10 11 12 T 13 14 15 16 T 17 C 18 C 19 S	Net Nat Gas Storage Trans Fotal Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Service & Information				- - - - - -		- - - - -		- - - - - -		- - - - -
8 T U 9 10 11 12 T 13 14 15 16 T 17 C 18 C 20 21 22	Total Production Underground Storage Operating Expenses Depreciation/Amortization Taxes Total Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Total Distribution Customer Accounting Customer Service & Information				- - - -		- - - -		- - - -	- - - - -	- - - - -
9 10 11 12 T 13 14 15 16 T 17 C 18 C 19 S	Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Service & Information				- - -		- - -		-	- - - -	- - - -
9 10 11 12 T 13 14 15 16 T 17 C 18 C 19 S	Operating Expenses Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Service & Information		- - - - - -		- - - -		-		- - -	- - - -	- - - -
11 12 T 13 14 15 16 T 17 C 18 C 19 S 20 21 22	Depreciation/Amortization Taxes Fotal Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Service & Information				- - -		-		-	- - -	- - -
12 T 13 14 15 16 T 17 C 18 C 19 S	Total Underground Storage Distribution Operating Expenses Depreciation/Amortization Taxes Total Distribution Customer Accounting Customer Service & Information		- - - - -		- - - -		-		-	-	<u> </u>
13 14 15 16 T 17 C 18 C 19 S	Distribution Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Service & Information		- - - -		-		-		-	-	-
13 14 15 16 T 17 C 18 C 19 S 20 21 22	Operating Expenses Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Service & Information		- - - -		-		_		-		_
14 15 16 T 17 C 18 C 19 S 20 21 22	Depreciation/Amortization Taxes Fotal Distribution Customer Accounting Customer Service & Information		- - -		-		-		-		_
15 16 T 17 C 18 C 19 S 20 21 22	Taxes Fotal Distribution Customer Accounting Customer Service & Information		-		-					-	-
16 T 17 C 18 C 19 S 20 21 22	Fotal Distribution Customer Accounting Customer Service & Information		-				-		-	-	(9)
17 C 18 C 19 S 20 21 22	Customer Accounting Customer Service & Information				-		-			(5)	(9)
18 C 19 S 20 21 22	Customer Service & Information									(-)	(-)
19 S 20 21 22			-		-		-		-	-	-
20 21 22			-		-		-		-	-	-
20 21 22	Administrative & General										
21 22	Operating Expenses		(12)	2	231		-	(9	9)	-	-
	Depreciation/Amortization		-		-		-		-	-	-
	Regulatory Amortizations										
23 24 T	Taxes Fotal Admin. & General		(12)		231		-	(9	-))		-
	Total Gas Expense		(12)		231		_	,	9)	(5)	(9)
	OPERATING INCOME BEFORE FIT		12		231)		_)	5	9
	TEDED AL INCOME TAY										
	FEDERAL INCOME TAX Current Accrual		4		(81)		(223)		2	2	3
	Debt Interest		-		-		(223)	•	-	-	-
29 I	Deferred FIT		-		-		-		-	-	-
30 A	Amort ITC		-		-		-		-	-	
31 N	NET OPERATING INCOME	\$	8	\$ (50)	\$	223	\$	5 \$	3	\$ 6
F	RATE BASE										
P	PLANT IN SERVICE										
32	Underground Storage	\$	-	\$	-	\$	-	\$	- \$	-	\$ -
33 34	Distribution Plant General Plant		-		-		-		-	-	-
	Cotal Plant in Service									<u> </u>	<u>-</u>
	ACCUMULATED DEPRECIATION/AMORT		-		-		_			_	_
36	Underground Storage				-		-		-	-	-
37	Distribution Plant		-		-		-		-	-	-
38	General Plant		-		-		-		-	-	-
	Fotal Accumulated Depreciation/Amortization NET PLANT		-		-		-			=	
	DEFERRED TAXES		-		-		-		-	-	-
	Net Plant After DFIT		_								_
	GAS INVENTORY		-		-		-		_	=	=
	GAIN ON SALE OF BUILDING		-		-		-		-	-	-
	OTHER WORKING CAPITAL				_		_		_		
	FOTAL RATE BASE	\$	-	\$	-	\$	-	\$	- \$	-	\$ -
	RATE OF RETURN REVENUE REQUIREMENT		-13		242		-360		9	-5	-9

Pro Forma Rate of Return

Line No.	DESCRIPTION	Weather Normalization / Gas Cost Adjust	Eliminate Adder Schedules	Misc Restating Adjustments	Restate Debt Interest	Restating Incentive Adjustment	Project Compass Deferral	Restated TOTAL
	Adjsutment Number Workpaper Reference	2.10 G-WNGC	2.11 G-EAS	2.12 G-MR	2.13 G-DI	2.14 G-RI	2.15 G-CD	R-Ttl
	REVENUES							
1	Total General Business	\$ 12,984	\$ (3,325)	\$ -	\$ -	\$ -	\$ -	\$ 156,631
2	Total Transportation		-	-	-	-	-	4,008
3	Other Revenues	12.004	(99,392)	-	-	-	-	5,696
4	Total Gas Revenues	12,984	(102,717)	-	-	-	-	166,335
	EXPENSES Production Expenses							
5	City Gate Purchases	10,600	(88,985)	-	-	-	-	86,559
6	Purchased Gas Expense	9	-	-	-	3	-	822
7 8	Net Nat Gas Storage Trans Total Production	10,609	(8,665) (97,650)	<u>-</u>	-	3	-	87,381
	Underground Storage							
9	Operating Expenses	-	-	-	-	-	-	833
10	Depreciation/Amortization	-	-	-	-	-	-	429
11	Taxes		-	-	-	-	-	265
12	Total Underground Storage	-	-	-	-	-	-	1,527
13	Distribution Operating Expenses	_	_			43	_	11,574
		-	=	-	=	43	=	8,922
14 15	Depreciation/Amortization Taxes	497	(127)	-	-	=	-	,
16	Total Distribution	497	(127)	<u> </u>	-	43	-	8,443 28,939
17	Customer Accounting	76	(19)	=	_	24	=	6,364
18	Customer Service & Information	-	(4,914)	-	_	2	-	878
19	Sales Expenses	-	-	-	-	-	-	-
	Administrative & General		_					
20	Operating Expenses	26	(7)	(222)	-	30	-	13,425
21 22	Depreciation/Amortization	_	_	-	-	_	(1,505)	5,206
23	Regulatory Amortizations Taxes	-	-	-	-	=	(1,505)	(1,505)
24	Total Admin. & General	26	(7)	(222)	-	30	(1,505)	17,126
25	Total Gas Expense	11,208	(102,717)	(222)	-	102	(1,505)	142,215
26	OPERATING INCOME BEFORE FIT	1,776	-	222	-	(102)	1,505	24,120
	FEDERAL INCOME TAX							
27	Current Accrual	622	-	78	(123)	(36)	527	(5,648)
28	Debt Interest Deferred FIT	=	=	=		=	=	(29)
29 30	Amort ITC	<u> </u>	-	-	-	-	-	12,388 (20)
31	NET OPERATING INCOME	\$ 1,154	\$ -	\$ 144	\$ 123	\$ (66)	\$ 978	\$ 17,429
	RATE BASE							
32	PLANT IN SERVICE Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,622
33	Distribution Plant	φ - -		ф - -		φ - -	φ - -	354,360
34	General Plant		-	=	-	-	-	69,725
35	Total Plant in Service ACCUMULATED DEPRECIATION/AMORT	=	-	=	=	=	=	449,707
36	Underground Storage	=	=	=	_	_	_	(9,824)
37	Distribution Plant	-	-	-	-	-	-	(119,790)
38	General Plant	-	-	-	-	-	-	(19,460)
39	Total Accumulated Depreciation/Amortization		=	=	=	=	=	(149,074)
40	NET PLANT	-	-	-	-	-	-	300,633
41	DEFERRED TAXES		-	=	-	-	=	(65,625)
42	Net Plant After DFIT	-	-	-	-	=	-	235,008
43 44	GAS INVENTORY GAIN ON SALE OF BUILDING	-	-	-	-	-	-	15,143
44	OTHER	-	-	-	-	-	-	(509)
46	WORKING CAPITAL	=	-	=	=	=	=	12,625
47	TOTAL RATE BASE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 262,267
48	RATE OF RETURN						•	(1)
50	REVENUE REQUIREMENT	-1,862	0	-233	-198	107	-1,578	4,376

Pro Forma Rate of Return Revenue Conversion Factor (1) The Restated TOTAL column does not represent 9/30/2015 Test Period results of operation on a normalized basis, due to variances between certain restating adjustments included in the normalized commission basis reports (CBRs) versus those included here, such as inclusion of pro forma debt interest. Normalized CB results of operations at 09/30/2015 was 6.49% as shown on Exhibit No. _(EMA-3) page 5.

Exhibit No. ___(JSS-6)

AVISTA UTILITIES

PRO FORMA ADJUSTMENTS

WASHINGTON NATURAL GAS - PRO FORMA STUDY AND CROSS CHECK STUDIES
TWELVE MONTHS ENDED SEPTEMBER 30, 2015
(000'S OF DOLLARS)

Line No.	DESCRIPTION	Pro For Labor Non-Ex	. 1	o Forma Labor Exec	Pro Forma Employee Benefits	Pro Forma Pipeline Safety Labor	Pro Forma Property Tax	Pro Forma Revenue Normalization	Pro Forma Atmospheric Testing
	Adjsutment Number	3.00 G-PLN	ı (3.01 G-PLE	3.02 G-PEB	3.03 G-PPS	3.04 G-PPT	3.05	3.06
	Workpaper Reference	G-FLF	'	J-FLE	G-FEB	G-FFS	G-FF1	G-PREV	G-PAT
1	REVENUES Total General Business	\$	- \$	_	s -	\$ -	\$ -	\$ (72,574)	s -
2	Total Transportation	Ψ	-	-	-	-	-	408	-
3	Other Revenues		-	-	=	=	-	(5,413)	=
4	Total Gas Revenues		-	-	-	-	-	(77,579)	-
	EXPENSES								
_	Production Expenses							(05.550)	
5 6	City Gate Purchases Purchased Gas Expense		21	(25)	40	-	-	(86,559)	-
7	Net Nat Gas Storage Trans		-	-	-	=	-	=	=
8	Total Production	<u> </u>	21	(25)	40	Ē	=	(86,559)	=
	Underground Storage								
9	Operating Expenses		=.	-	(0)	=	-	=	=
10	Depreciation/Amortization		-	-	-	-	-	-	-
11 12	Taxes Total Underground Storage	-	-		(0)	-	18 18	-	
13	Distribution Operating Expenses	2	284		510	59	=	=	236
14	Depreciation/Amortization		_	-	-	-	_	-	-
15	Taxes		-	=	=	=	213	(2,764)	=
16	Total Distribution	2	284	=	510	59	213	(2,764)	236
17	Customer Accounting	1	51	=	270			(423)	=
18	Customer Service & Information		12	-	=	=	-	=	=
19	Sales Expenses		0	=	=	=	=	=	=
	Administrative & General								
20	Operating Expenses	1	76	12	284	-	-	(144)	-
21 22	Depreciation/Amortization Regulatory Amortizations		-	-	=	-	-	=	=
23	Taxes		_	-	-	-	_	-	-
24	Total Admin. & General	1	76	12	284	-	-	(144)	-
25	Total Gas Expense		i44	(13)	1,104	59	231	(89,890)	236
26	OPERATING INCOME BEFORE FIT	(6	544)	13	(1,104)	(59)	(231)	12,311	(236)
	FEDERAL INCOME TAX								
27	Current Accrual	(2	25)	5	(386)	(21)	(81)	4,309	(83)
28	Debt Interest Deferred FIT		-	-	-	-	-	=	-
29 30	Amort ITC		-	-	-	-	-	-	-
31	NET OPERATING INCOME	\$ (4	19) \$	8	\$ (717)	\$ (38)	\$ (150)	\$ 8,002	\$ (153)
31		3 (4	19) \$		\$ (717)	\$ (36)	\$ (130)	\$ 6,002	\$ (153)
	RATE BASE PLANT IN SERVICE								
32	Underground Storage	\$	- \$		s -	\$ -	\$ -	\$ -	\$ -
33	Distribution Plant	·	-	-	· -	-	-	-	-
34	General Plant		-	-	-	-	-	-	-
35	Total Plant in Service		-	-	-	-	-	-	-
36	ACCUMULATED DEPRECIATION/AMORT Underground Storage								
36 37	Distribution Plant		-	-	-	-	-	-	-
38	General Plant		=	-	-	-	-	-	
39	Total Accumulated Depreciation/Amortization		-	-	-	-	-	-	
40 41	NET PLANT DEFERRED TAXES		-	=	=	-	=	-	-
		-					<u>-</u>	<u>-</u>	
42 43	Net Plant After DFIT GAS INVENTORY		-	=	=	-	-	-	=
44	GAIN ON SALE OF BUILDING					-	-	-	
45 46	OTHER WORKING CARITAL								
46	WORKING CAPITAL	-				-	-	-	
47	TOTAL RATE BASE	\$	- \$		\$ -	\$ -	\$ -	\$ -	\$ -
48	RATE OF RETURN		675	1.4	1 157		242	10.007	247
50	REVENUE REQUIREMENT		675	-14	1,157	62	242	-12,907	247

Pro Forma Rate of Return

Line No.	DESCRIPTION	Pro Forma Regulatory Amortization	Pro Forma Capital Add Dec 2015 AMA	Pro Forma Capital-Incremental Dec 2015 AMA	Pro Forma 2016 Limited Capital Adds	Pro Forma O&M Offsets		ro Forma Sub-Total
	Adjsutment Number Workpaper Reference	3.07 G-PRA	3.08 G-PCAP15	3.08I G-PCAP15	3.09 G-PCAP16	3.10 G-POFF		PF-STtl
	REVENUES							
1	Total General Business	\$ -	\$ -	\$ -	\$ -	\$ -	\$	84,057
2	Total Transportation Other Revenues	=	-	=	-	-		4,416 283
4	Total Gas Revenues			-				88,756
	EXPENSES							,
	Production Expenses							
5	City Gate Purchases	-	-	-	-	-		
6 7	Purchased Gas Expense Net Nat Gas Storage Trans	=	-	=	-	-		858
8	Total Production	-	-	-	-	-		858
	Underground Storage							
9	Operating Expenses	=	=	=	=	_		833
10	Depreciation/Amortization	=	(2)	12	-	-		439
11	Taxes	<u> </u>	- (2)	- 12	-			283
12	Total Underground Storage	-	(2)	12	-	-		1,555
13	Distribution Operating Expenses	_	_	_	_	_		12,663
14	Depreciation/Amortization		126	37	139			9,224
15	Taxes	=	-	-	-	-		5,892
16	Total Distribution	=	126	37	139	=		27,779
17	Customer Accounting	-	-	-	-	-		6,362
18	Customer Service & Information	=	-	=	-	=		890
19	Sales Expenses	=	-	=	-	-		0
	Administrative & General							
20	Operating Expenses	-	450	- (0)	- 210	(56)		13,697
21 22	Depreciation/Amortization Regulatory Amortizations	2,584	452	(9)	318	-		5,967 1,079
23	Taxes	2,304	-	-	-	-		-
24	Total Admin. & General	2,584	452	(9)	318	(56)		20,743
25	Total Gas Expense	2,584	576	40	457	(56)		58,187
26	OPERATING INCOME BEFORE FIT	(2,584)	(576)	(40)	(457)	56		30,569
	FEDERAL INCOME TAX							
27	Current Accrual	(904)			(160)			(3,391)
28 29	Debt Interest Deferred FIT	-	(62)	(36)	(133)	=		(259) 12,388
30	Amort ITC		-		_			(20)
31	NET OPERATING INCOME	\$ (1.680)	\$ (313)	\$ 10	\$ (164)	\$ 36	\$	21,851
	RATE BASE		<u> </u>		, , , ,			
	PLANT IN SERVICE							
32	Underground Storage	\$ -	\$ 163			\$ -	\$	25,720
33	Distribution Plant General Plant	-	5,261	991	11,746	=		372,358
34 35	Total Plant in Service	-	3,449 8,873	2,341 3,267	4,732 16,478			80,247 478,325
33	ACCUMULATED DEPRECIATION/AMORT	-	0,073	3,207	10,476	=		470,523
36	Underground Storage	=	(103)	21	-	-		(9,906)
37	Distribution Plant	-	(1,320)		(287)	-		(121,911)
38	General Plant		612	(1,892)	(698)			(21,438)
39 40	Total Accumulated Depreciation/Amortization NET PLANT		(811) 8,062	(2,385) 882	(985) 15,493	-		(153,255) 325,070
41	DEFERRED TAXES	- 	(1,956)	2,652	(2,326)	<u> </u>		(67,255)
42	Net Plant After DFIT	-	6,106	3,534	13,167	-		257,815
43	GAS INVENTORY		-,	=				15,143
44	GAIN ON SALE OF BUILDING							·
45 46	OTHER WORKING CAPITAL							(509) 12,625
	TOTAL DATE DAGE	ф.	.	a 2.721	4 1217	d.	Φ.	
47 48	TOTAL RATE BASE RATE OF RETURN	\$ -	\$ 6,106	\$ 3,534	\$ 13,167	\$ -	\$	285,074
50	REVENUE REQUIREMENT	2,709	1,261	422	1,896	-59		69

Pro Forma Rate of Return Revenue Conversion Factor AVISTA UTILITIES

WASHINGTON NATURAL GAS - PRO FORMA STUDY AND $\underline{2017}$ CROSS CHECK ADJUSTMENTS

CROSS CHECK STUDIES
TWELVE MONTHS ENDED SEPTEMBER 30, 2015
(000'S OF DOLLARS)

Line No.	DESCRIPTION	Cross Check Labor Non-Exec	Cross Check Capital Add 2016 AMA	Cross Check Capital Add 2017 AMA	Cross Check 2017 AMI Capital & Expense	Cross Check Information Tech/Serv Exp	Cross Check Insurance Expense	Cross Check Property Tax Exp
	Adjsutment Number Workpaper Reference	4.00 G-CLN	4.01 G-CCAP16	4.02 G-CCAP17	4.03 G-CAMI	4.04 G-CIS	4.05 G-CI	4.06 G-CPT
	REVENUES							
1	Total General Business	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Total Transportation	=	-	=	=	=	=	Ξ
3	Other Revenues		-	-	-	-	-	-
4	Total Gas Revenues	-	-	-	-	-	-	-
	EXPENSES Production Expenses							
5	City Gate Purchases	=	-	=	=	=	=	Ξ
6	Purchased Gas Expense	6	-	-	-	-	-	=
7 8	Net Nat Gas Storage Trans	6	-	-	-	-	-	-
8	Total Production	0	-	-	=	-	-	-
	Underground Storage							
9 10	Operating Expenses Depreciation/Amortization	-	46	12	-	-	=	=
11	Taxes	-	40	- 12	-	-	-	16
12	Total Underground Storage	Ē	46	12	=	=	ē	16
	Distribution							
13	Operating Expenses	70	-	-	-	-	-	-
14	Depreciation/Amortization	-	481	455	80	-	-	-
15	Taxes		-	-	-	-	-	193
16	Total Distribution	70	481	455	80	-	-	193
17	Customer Accounting	39	-	-				
18	Customer Service & Information	3	-	=	-	-	-	-
19	Sales Expenses	Ē	-	=	-	=	=	=
	Administrative & General							
20	Operating Expenses	48	-	=	=	459	22	Ξ
21	Depreciation/Amortization	=	391	1,589	709	=	=	Ξ
22 23	Regulatory Amortizations Taxes							
24	Total Admin. & General	48	391	1,589	709	459	22	
25	Total Gas Expense	166	918	2,056	789	459	22	209
26	OPERATING INCOME BEFORE FIT	(166)	(918)	(2,056)	(789)	(459)	(22)	(209)
	FEDERAL INCOME TAX							
27	Current Accrual	(58)	(321)	(720)	(276)	(161)	(8)	(73)
28	Debt Interest	`-	(50)		(31)	-	-	-
29	Deferred FIT	-	-	-	-	-	-	-
30	Amort ITC	-	-	-	=	-	-	<u> </u>
31	NET OPERATING INCOME	\$ (108)	\$ (547)	\$ (1,234)	\$ (482)	\$ (298)	\$ (14)	\$ (136)
	RATE BASE PLANT IN SERVICE							
32	Underground Storage	\$ -	\$ 1,352	\$ 764	\$ -	\$ -	\$ -	\$ -
33	Distribution Plant	-	12,749	18,060	1,199	-	-	=
34	General Plant	-	4,288	8,721	3,073	-	-	-
35	Total Plant in Service ACCUMULATED DEPRECIATION/AMORT	-	18,389	27,545	4,272	-	=	-
36	Underground Storage	_	(463)	(485)	_	_	_	_
37	Distribution Plant	_	(7,278)		(40)	-	-	-
38	General Plant		(1,746)		(355)	-	-	-
39	Total Accumulated Depreciation/Amortization		(9,487)		(395)	-	-	-
40 41	NET PLANT DEFERRED TAXES	-	8,902 (3,932)	15,276 (5,104)	3,877 (843)	-	-	=
42	Net Plant After DFIT		4,970	10,172	3,034			
43	GAS INVENTORY	-	4,7/0	10,172	5,034	-	-	-
44	GAIN ON SALE OF BUILDING				-	-	-	-
45 46	OTHER WORKING CAPITAL							
					<u> </u>		-	<u>-</u> _
47 48	TOTAL RATE BASE RATE OF RETURN	\$ -	\$ 4,970	\$ 10,172	\$ 3,034	\$ -	\$ -	\$ -
50	REVENUE REQUIREMENT	174	1,497	3,250	1,154	481	23	219

Pro Forma Rate of Return

	OF DOLLARS)				2017 FINAL		
Line No.	DESCRIPTION	Cross Check Employee Benefits	2017 Cross Check				
110.	Adjsutment Number	4.07	17CC-Ttl	4.08	Total (2) 17AA/CC-Ttl		
	Workpaper Reference	G-CEB		G-CREC			
	REVENUES		A 04.057		A 04.057		
1 2	Total General Business Total Transportation	\$ -	\$ 84,057 4,416	\$ -	\$ 84,057 4,416		
3	Other Revenues		283	-	283		
4	Total Gas Revenues	-	88,756	-	88,756		
	EXPENSES						
	Production Expenses						
5	City Gate Purchases	-		-			
6 7	Purchased Gas Expense Net Nat Gas Storage Trans	9	873	-	873		
8	Total Production	9	873	-	873		
9	Underground Storage Operating Expenses	_	833	_	833		
10	Depreciation/Amortization	-	497	-	497		
11	Taxes		299	-	299		
12	Total Underground Storage	-	1,629	-	1,629		
	Distribution						
13	Operating Expenses	113	12,846	-	12,846		
14	Depreciation/Amortization	-	10,240	-	10,240		
15	Taxes	- 112	6,085	-	6,085		
16	Total Distribution	113	29,171	-	29,171		
17	Customer Accounting	60	6,461	-	6,461		
18	Customer Service & Information	-	893	-	893		
19	Sales Expenses	-	0	-	0		
	Administrative & General						
20	Operating Expenses	63	14,289	1,159	15,448		
21 22	Depreciation/Amortization Regulatory Amortizations	-	8,656 1,079	hj	8,656 1,079		
23	Taxes	-	1,079	-	1,079		
24	Total Admin. & General	63	24,024	1,159	25,183		
25	Total Gas Expense	245	63,051	1,159	64,209		
26	OPERATING INCOME BEFORE FIT	(245)	25,705	(1,159)	24,547		
		(=)		(-,/	,- ::		
	FEDERAL INCOME TAX						
27 28	Current Accrual Debt Interest	(86)	(5,093) (442)	(405)	(5,499) (403)		
29	Deferred FIT	-	12,388	-	12,388		
30	Amort ITC		(20)	-	(20)	Reconcile 2017	
31	NET OPERATING INCOME	\$ (159)	\$ 18,873	\$ (792)	\$ 18,081	Cross Check to Attrition	
	RATE BASE		.,,,,,	(122)	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Attrition Rev. Req.	7,926
	PLANT IN SERVICE					PF/CC Rev Req (after RB adj below)	6,711
32	Underground Storage	\$ -	\$ 27,836		\$ 27,836		1,215
33	Distribution Plant General Plant	-	404,366 96,329		404,366		0.65
34					96,329		0.62000
35	Total Plant in Service ACCUMULATED DEPRECIATION/AMORT	-	528,531	-	528,531	August Die Die Geraffen in	1,159
36	Underground Storage	_	(10,854)		(10,854)	Attrition Rate Base (grossed down) Pro Forma/Cross Check Rate base	303,250 299,414
37	Distribution Plant	-	(136,951)		(136,951)	Reduction to Rate base	3,836
38	General Plant		(27,601)		(27,601)		
39 40	Total Accumulated Depreciation/Amortization NET PLANT	-	(175,406) 353,125	-	(175,406) 353,125		
41	DEFERRED TAXES	-	(77,134)		(77,134)		
42 43	Net Plant After DFIT GAS INVENTORY	-	275,991 15,143]	275,991 15,143		
44	GAIN ON SALE OF BUILDING	-	-		-		
45	OTHER WORKING CARITAL		(509)	(3,836)			
46	WORKING CAPITAL		12,625		12,625		
47	TOTAL RATE BASE	\$ -	\$ 303,250	\$ (3,836)	\$ 299,414	2017 Attrition Adjustment	
48	RATE OF RETURN				6.04%	Above Pro Forma Study	
50	REVENUE REQUIREMENT	257	7,124	802	7,926	7,857	

Pro Forma Rate of Return Revenue Conversion Factor AVISTA UTILITIES
Step 2 Increase
WASHINGTON NATURAL GAS - PRO FORMA STUDY AND 1/1/2018

Step 2 Increase
2018 CROSS CHECK ADJUSTMENTS

CROSS CHECK STUDIES
TWELVE MONTHS ENDED SEPTEMBER 30, 2015
(000'S OF DOLLARS)

	VE MONTHS ENDED SEPTEMBER 30, 2015 OF DOLLARS)	2	017	1				
(FI	NAL		1		T	
Line	D. C.	/ Cros	n Adjusted ss Check	Cross Check Labor	Cross Check Regulatory	Cross Check Insurance	Cross Check Information	Cross Check Planned Capital
No.	DESCRIPTION Adjsutment Number		otal /CC-Ttl	Non-Exec 18.01	Amortizations 18.02	Expense 18.03	Tech/Serv Exp 18.04	Add 2018 AMA 18.05
	Workpaper Reference	IIIAA	/CC-1u	G-CLN18	G-CRA18	G-CI18	G-CIS18	G-CCAP18
	REVENUES							
1	Total General Business	\$	84,057	\$ -	\$ -	\$ -	\$ -	\$ -
2	Total Transportation		4,416	-	-	-	-	-
3	Other Revenues		283	-	-	-	-	-
4	Total Gas Revenues		88,756	-	-	-	-	-
	EXPENSES							
	Production Expenses							
5	City Gate Purchases		-	-	-	-	-	-
6	Purchased Gas Expense		873	8	=	-	=	-
7 8	Net Nat Gas Storage Trans		873	- 8	=	=	=	-
0	Total Production		0/3	0	-	-	-	-
	Underground Storage							
9	Operating Expenses		833	-	-	-	-	-
10	Depreciation/Amortization		497	-	-	-	-	5
11	Taxes		299	-	-	-	-	5
12	Total Underground Storage		1,629	-	-	-	-	5
	Distribution							
13	Operating Expenses		12,846	101	-	-	-	-
14	Depreciation/Amortization		10,240	-	_	-	_	252
15	Taxes		6,085	-	-	-	-	-
16	Total Distribution		29,171	101	=	-	=	252
17	Customer Accounting		6,461	54	=			-
18 19	Customer Service & Information Sales Expenses		893 0	4	=	=	=	=
19	Sales Expenses		U	-	-	-	-	-
	Administrative & General							
20	Operating Expenses		15,448	64	=	19	102	=
21	Depreciation/Amortization		8,656	-	-	-	-	591
22	Regulatory Amortizations		1,079		(540)			
23 24	Taxes Total Admin. & General		25,183	64	(540)	19	102	591
25	Total Gas Expense		64,209	231	(540)	19	102	848
26	OPERATING INCOME BEFORE FIT		24,547	(231)	540	(19)	(102)	(848)
				· ´		` ′		, ,
	FEDERAL INCOME TAX							
27	Current Accrual		(5,499)	(81)	189	(7)	(36)	(297)
28	Debt Interest		(403)	-	-	-	-	14
29 30	Deferred FIT Amort ITC		12,388 (20)	=	-	-	-	=
30	Amortic		(20)	_				
31	NET OPERATING INCOME	\$	18,081	\$ (150)	\$ 351	\$ (12)	\$ (66)	\$ (565)
	RATE BASE							
	PLANT IN SERVICE							
32	Underground Storage	\$	27,836	\$ -	\$ -	\$ -	\$ -	\$ 344
33	Distribution Plant		404,366	-	-	-	-	9,990
34	General Plant		96,329	=	=	-	-	2,063
35	Total Plant in Service		528,531	-	-	-	-	12,397
	ACCUMULATED DEPRECIATION/AMORT							
36	Underground Storage		(10,854)	-	-	-	=	(370)
37	Distribution Plant		(136,951)	-	-	-	-	(6,059)
38	General Plant		(27,601)	-	-	-	-	(3,292)
39 40	Total Accumulated Depreciation/Amortization NET PLANT		(175,406)	-	-	-	=	(9,721) 2,676
41	DEFERRED TAXES		353,125 (77,134)	=	-	-	=	(4,073)
42	Net Plant After DFIT		275,991	-	-	-	-	(1,397)
43 44	GAS INVENTORY GAIN ON SALE OF BUILDING		15,143			=	=	
44	OTHER		(4,345)			-	-	
46	WORKING CAPITAL		12,625			-	-	
47	TOTAL RATE BASE	\$	299,414	\$ -	\$ -	\$ -	\$ -	\$ (1,397)
48	RATE OF RETURN							
50	REVENUE REQUIREMENT		7,926	242	-566	20	107	739

Pro Forma Rate of Return

(000'S	OF DOLLARS)				2018	INCREMENTAL	
	T	Cross Check	2018	Reconcile 2018	FINAL Attrition Adjusted	2018 (I) Attrition Adjusted	
Line		2018 AMI	Cross Check	Cross Check	/ Cross Check	/ Cross Check	
No.	DESCRIPTION	Capital & Expens		to Attrition	Total	Total	
	Adjsutment Number Workpaper Reference	18.06 G-CAMI18	17CC-Ttl	18.07 G-CREC18	18AA/CC-Ttl	18AA/CC-Ttl	
	REVENUES						
1	Total General Business	\$ -	\$ 84,057	\$ -	\$ 84,057	\$ -	
2	Total Transportation	=	4,416	-	4,416	-	
3 4	Other Revenues Total Gas Revenues	-	283 88,756	-	283 88,756	-	-
4	Total Gas Revenues	-	00,750	-	00,750	-	
	EXPENSES						
	Production Expenses						
5	City Gate Purchases	=		-		-	
6 7	Purchased Gas Expense Net Nat Gas Storage Trans	=	881	-	881	8	
8	Total Production		881		881	8	1
-							
	Underground Storage						
9	Operating Expenses	=	833	-	833		
10 11	Depreciation/Amortization Taxes	=	502 299	-	502 299	5	
12	Total Underground Storage		1,634		1,634	5	
	Total Onderground Storage		1,001		1,001		
	Distribution						
13	Operating Expenses	(286)	12,661	-	12,661	(185)	
14	Depreciation/Amortization	324	10,816	-	10,816	576	
15	Taxes		6,085	-	6,085	-	
16	Total Distribution	38	29,562	-	29,562	391	
17	Customer Accounting		6,515		6,515	54	
18	Customer Service & Information	-	897	_	897	4	
19	Sales Expenses	-	0	-	0		
20	Administrative & General		15 (22	(071)	14762	(696)	
20 21	Operating Expenses Depreciation/Amortization	1,026	15,633 10,273	(871)	14,762 10,273	(686) 1,617	
22	Regulatory Amortizations	1,020	540		540	(540)	
23	Taxes	-		-	-	-	
24	Total Admin. & General	1,026	26,445	(871)	25,574	392	
25	Total Gas Expense	1,064	65,934	(871)	65,063	854	
	-						
26	OPERATING INCOME BEFORE FIT	(1,064)	22,822	871	23,693	(854)	
	FEDERAL INCOME TAX						
27	Current Accrual	(372)	(6,102)	305	(5,798)	(299)	
28	Debt Interest	(61)	(450)	(13)	(463)	(60)	
29	Deferred FIT	-	12,388	-	12,388	-	
30	Amort ITC		(20)	-	(20)	-	Reconcile 2018
31	NET OPERATING INCOME	\$ (631)	\$ 17,007	\$ 579	\$ 17,586	\$ (495)	Cross Check to Attrition
٥.		(031)	Ψ 17,007	3,7	Ψ 17,000	(150)	
	RATE BASE PLANT IN SERVICE						Attrition Rev. Req. 9,462 PF/CC RR(after RB adj) 10,375
32	Underground Storage	\$ -	\$ 28,180		\$ 28,180	\$ 344	
33	Distribution Plant	4,869	419,225		419,225	14,859	0.65
34	General Plant	4,478	102,870		102,870	6,541	0.620003
35	Total Plant in Service	9,347	550,275	_	550,275	21,744	(871)
55	ACCUMULATED DEPRECIATION/AMORT	,,,,,,,,	200,270		220,270		Attrt RB (grossed down) 305,371
36	Underground Storage	_	(11,224)		(11,224)	(370)	
37	Distribution Plant	(317)	(143,327)		(143,327)	(6,376)	
38	General Plant	(1,522)	(32,415)		(32,415)	(4,814)	
39	Total Accumulated Depreciation/Amortization	(1,839)	(186,966)	-	(186,966)	(11,560)	
40	NET PLANT	7,508	363,309	-	363,309	10,184	
41	DEFERRED TAXES	(1,455)	(82,662)		(82,662)	(5,528)	1
42	Net Plant After DFIT	6,053	280,647	-	280,647	4,656	
43	GAS INVENTORY		15,143	-	15,143	-	
44	GAIN ON SALE OF BUILDING		(4.245)	1 201	(2.044)	1 201	
45 46	OTHER WORKING CAPITAL		(4,345) 12,625	1,301	(3,044) 12,625	1,301	
			12,023		12,023		1
47	TOTAL RATE BASE	\$ 6,053	\$ 304,070	\$ 1,301	\$ 305,371	\$ 5,957	
	TOTAL RATE BASE RATE OF RETURN REVENUE REQUIREMENT	\$ 6,053	\$ 304,070	\$ 1,301	\$ 305,371 5.76%	\$ 5,957 -8.30%	Incremental 06.2018

Pro Forma Rate of Return Revenue Conversion Factor

 $^{(1) \} January \ to \ June \ 2018 \ Incremental \ Cross \ Check \ results \ in \ \$2,309 \ million \ prior \ to \ column \ (18.07) \ "Reconcile \ 2018 \ Cross \ Check \ to \ Attrition" \ (\$1,536 + \$773 = \$2,309).$