

AVISTA UTILITIES
WASHINGTON NATURAL GAS
TWELVE MONTHS ENDED DECEMBER 31, 2019
(000'S OF DOLLARS)

Line No.	DESCRIPTION	Pro Forma 2020 Programmatic
	Adjustment Number	3.13
	Workpaper Reference	G-PCAP3
	REVENUES	
1	Total General Business	\$ -
2	Total Transportation	-
3	Other Revenues	-
4	Total Gas Revenues	<u>-</u>
	EXPENSES	
	Production Expenses	
5	City Gate Purchases	-
6	Purchased Gas Expense	-
7	Net Nat Gas Storage Trans	-
8	Total Production	<u>-</u>
	Underground Storage	
9	Operating Expenses	-
10	Depreciation/Amortization	-
11	Taxes	-
12	Total Underground Storage	<u>-</u>
	Distribution	
13	Operating Expenses	-
14	Depreciation/Amortization	83
15	Taxes	-
16	Total Distribution	<u>83</u>
17	Customer Accounting	-
18	Customer Service & Information	-
19	Sales Expenses	-
	Administrative & General	
20	Operating Expenses	-
21	Depreciation/Amortization	146
22	Regulatory Amortizations	-
23	Taxes	-
24	Total Admin. & General	<u>146</u>
25	Total Gas Expense	<u>229</u>
26	OPERATING INCOME BEFORE FIT	(229)
	FEDERAL INCOME TAX	
27	Current Accrual	(48)
28	Debt Interest	(37)
29	Deferred FIT	-
30	Amort ITC	-
31	NET OPERATING INCOME	<u>\$ (143)</u>
	RATE BASE	
	PLANT IN SERVICE	
32	Underground Storage	\$ -
33	Distribution Plant	3,517
34	General Plant	<u>2,437</u>
35	Total Plant in Service	5,954
	ACCUMULATED DEPRECIATION/AMORT	
36	Underground Storage	-
37	Distribution Plant	517
38	General Plant	940
39	Total Accumulated Depreciation/Amortization	<u>1,457</u>
40	NET PLANT	7,411
41	DEFREED TAXES	<u>(217)</u>
42	Net Plant After DFIT	7,194
43	GAS INVENTORY	-
44	GAIN ON SALE OF BUILDING	-
45	OTHER	-
46	WORKING CAPITAL	<u>-</u>
47	TOTAL RATE BASE	<u>\$ 7,194</u>

AVISTA UTILITIES
WASHINGTON NATURAL GAS RESULTS - ADJUST NET PLANT AMA TO EOP
TWELVE MONTHS ENDED DECEMBER 31, 2019
(000'S OF DOLLARS)

DESCRIPTION	Adjustment 3.13 - Programs			12.31.2020 EOP Adjustment 3.13 Programs
	2020 Retirements on Plant-In- Service at 12/31/2019	2020 Plant Additions	2020 Offsets	
	OFFSETS			
EXPENSES				
Intangible	-	2	-	2
Underground Storage	-	-	-	-
Distribution	(14)	97	-	83
General	(52)	196	-	144
Total Natural Gas Expenses	(66)	295	-	229
RATE BASE				
PLANT IN SERVICE				
Intangible	-	9	-	9
Underground Storage	-	-	-	-
Distribution	(561)	4,079	-	3,517
General	(1,000)	3,427	-	2,428
Total Plant in Service	(1,561)	7,515	-	5,955
ACCUMULATED DEPRECIATION/AMORT				
Intangible	-	(0)	-	(0)
Underground Storage	-	-	-	-
Distribution	561	(44)	-	517
General	1,000	(59)	-	940
Total Accumulated Depreciation	1,561	(104)	-	1,457
NET PLANT	-	7,411	-	7,411
DEFERRED TAXES				
Net Plant After DFIT	-	(217)	-	(217)
	-	7,194	-	7,194

Pro Forma Adjustment Calculation - Washington Natural Gas
Test Year 12 Months Ended December 31, 2019
Rate base Adjustment to 12/31/20 EOP
In thousands ('000s)

Description	EOP Cost	AMA Cost	Book Rate [1]	Estimated Annual Depreciation Expense	12.31.20	Repairs Deduction Rate [2]	Tax Depreciation 2020			12.31.20	Retirements	Reduction in Expense
							Repairs Deduction	Tax Depreciation	2020 Total			
Gas U/G Storage	-	-	1.46%	-	-	0%	-	-	-	-	-	-
Distribution												
Direct	4,079	1,877	2.37%	97	44	10%	408	138	546	(105)	(561)	(14)
AA	-	-	2.37%	-	-	10%	-	-	-	-	-	-
AN	-	-	2.33%	-	-	10%	-	-	-	-	-	-
Subtotal	4,079	1,877		97	44		408	138	546	(105)	(561)	(14)
General Plant	1,740	528	3.79%	66	20	0%	-	248	248	(48)	(886)	(50)
Transportation	1,430	365	5.42%	78	20	0%	-	286	286	(56)	(113)	(2)
Hardware	258	97	20.00%	52	19	0%	-	52	52	(7)	-	-
Subtotal	3,427	990		196	59		-	586	586	(111)	(1,000)	(52)
Software	9	2	20.00%	2	0	0%	-	3	3	(1)	-	-
	9	2		2	0		-	3	3	(1)	-	-
Gas Total	7,515	2,869		295	104		408	727	1,135	(217)	(1,561)	(66)

Tax Rate	1st Year Rate
P/T/D	3.750%
GP	14.28%
Transport. & Hardware	20.00%
Software	33.33%

Corporate Tax Rate	21%
Tax Depreciation	ADFIT
2020	

[1] Book Rates from the Depreciation Study approved in Order 04 related to UE-180167 and UG-180168
[2] Natural gas repairs have historically been distribution related; this year's percentage is based off a 3-year average (2016 -2018) of AN's share of natural gas distribution as a percentage of additions.

Pro Forma Adjustment Calculation - WA Natural Gas
Test Year Ended December 31, 2019
Ratebase Adjustment to 12/31/20 EOP
In thousands ('000s)

Description	Depreciation Category	Washington - Natural Gas	
		EOP Cost	AMA Cost
Gas U/G Storage	Gas Underground Storage 350-357	-	-
Distribution			
Direct	Gas Distribution 374-387	4,079	1,877
AA		-	-
AN		-	-
Subtotal		4,079	1,877
General Plant	Facilities 390-391	356	159
	Specifically Allocated [1]	1,384	369
Hardware	Specifically Allocated [1]	258	97
Subtotal		1,997	625
Transport.	Transportation and Tools 392 / 396	1,430	365
Subtotal		1,430	365
Software	Specifically Allocated [1]	9	2
Subtotal		9	2
Gas Total		7,515	2,869

[1] Specifically allocated based on 3 years (2017-2019) of historicals by BI (pivot table on an ER level to the right)

ERval	BIval	Hardware	Software	General	Grand Total	EOP Total Cost	EOP Hardware	EOP Software	EOP General	AMA TotalCost	AMA Hardware	AMA Software	AMA General
2277	YQ301	50.22%	46.56%	3.22%	100.00%	-	-	-	-	-	-	-	-
4164	EG201	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
4192	92E07	100.00%	0.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
5005	05P92	29.31%	37.10%	33.59%	100.00%	-	-	-	-	-	-	-	-
5010	10W09	36.61%	41.30%	22.08%	100.00%	-	-	-	-	-	-	-	-
5014	05P95	19.94%	77.28%	2.78%	100.00%	-	-	-	-	-	-	-	-
5014	06P98	43.64%	1.31%	55.04%	100.00%	-	-	-	-	-	-	-	-
5016	01N09	92.74%	7.26%	0.00%	100.00%	-	-	-	-	-	-	-	-
5017	17W01	43.39%	56.44%	0.17%	100.00%	-	-	-	-	-	-	-	-
5018	18W01	3.81%	96.19%	0.00%	100.00%	-	-	-	-	-	-	-	-
5019	19W01	0.00%	100.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
5020	20P01	15.75%	0.90%	83.34%	100.00%	1,046,652	164,899	9,445	872,307	247,357	38,971.04	2,232.24	206,154.12
5022	22P01	23.83%	50.45%	25.71%	100.00%	-	-	-	-	-	-	-	-
5025	25P01	0.00%	0.00%	100.00%	100.00%	146,241	-	-	146,241	51,361	-	-	51,361.44
5026	26W01	1.55%	98.45%	0.00%	100.00%	-	-	-	-	-	-	-	-
5028	28W01	0.15%	99.85%	0.00%	100.00%	-	-	-	-	-	-	-	-
5029	29W01	3.17%	96.83%	0.00%	100.00%	-	-	-	-	-	-	-	-
5030	30P01	0.00%	0.59%	99.41%	100.00%	-	-	-	-	-	-	-	-
5031	31W01	0.00%	100.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
5032	32P01	27.39%	68.25%	4.36%	100.00%	-	-	-	-	-	-	-	-
5033	33C09	12.49%	1.89%	85.62%	100.00%	-	-	-	-	-	-	-	-
5037	35N09	60.08%	0.00%	39.92%	100.00%	154,157	92,623	-	61,534	96,047	57,708.72	-	38,338.52
5038	38X09	0.78%	99.22%	0.00%	100.00%	-	-	-	-	-	-	-	-
5039	39E29	73.03%	7.69%	19.28%	100.00%	-	-	-	-	-	-	-	-
5142	42P09	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
5147	47C08	0.00%	100.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
5151	51N09	0.26%	99.74%	0	100.00%	-	-	-	-	-	-	-	-
5152	52N09	86.67%	13.33%	0.00%	100.00%	-	-	-	-	-	-	-	-
5153	53N09	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
5155	55N09	61.76%	38.24%	0.00%	100.00%	-	-	-	-	-	-	-	-
5156	56N09	0.00%	82.68%	17.32%	100.00%	-	-	-	-	-	-	-	-
7200	XD101	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
7060	19W09	0.00%	100.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
7005	85J51	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
7006	86J51	0.00%	0.00%	100.00%	100.00%	144,002	-	-	144,002	56,178	-	-	56,177.53
2204	LC903	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
4164	EG202	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
5027	27P01	0.00%	0.00%	100.00%	100.00%	159,769	-	-	159,769	16,873	-	-	16,872.82
5034	34C09	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
5035	35C09	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
6110	YI303	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
7141	19N09	0.00%	100.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
7141	20N09	0.00%	100.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
7141	41E55	0.00%	100.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
5032	32P02	0.00%	100.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
5040	01C11	0.00%	100.00%	0.00%	100.00%	-	-	-	-	-	-	-	-
						1,650,820	257,523	9,445	1,383,852	467,816	96,680	2,232	368,904

On an ER Level:

Row Labels	Sum of EOP Hardware	Sum of EOP Software	Sum of EOP General	Sum of EOP Total Cost	Sum of AMA Hardware	Sum of AMA Software	Sum of AMA General	Sum of AMA TotalCost
2204	-	-	-	-	-	-	-	-
2277	-	-	-	-	-	-	-	-
4164	-	-	-	-	-	-	-	-
4192	-	-	-	-	-	-	-	-
5005	-	-	-	-	-	-	-	-
5010	-	-	-	-	-	-	-	-
5014	-	-	-	-	-	-	-	-
5016	-	-	-	-	-	-	-	-
5017	-	-	-	-	-	-	-	-
5018	-	-	-	-	-	-	-	-
5019	-	-	-	-	-	-	-	-
5020	164,899	9,445	872,307	1,046,652	38,971	2,232	206,154	247,357
5022	-	-	-	-	-	-	-	-
5025	-	-	146,241	146,241	-	-	51,361	51,361
5026	-	-	-	-	-	-	-	-
5027	-	-	159,769	159,769	-	-	16,873	16,873
5028	-	-	-	-	-	-	-	-
5029	-	-	-	-	-	-	-	-
5030	-	-	-	-	-	-	-	-
5031	-	-	-	-	-	-	-	-
5032	-	-	-	-	-	-	-	-
5033	-	-	-	-	-	-	-	-
5034	-	-	-	-	-	-	-	-
5035	-	-	-	-	-	-	-	-
5037	92,623	-	61,534	154,157	57,709	-	38,339	96,047
5038	-	-	-	-	-	-	-	-
5039	-	-	-	-	-	-	-	-
5040	-	-	-	-	-	-	-	-
5142	-	-	-	-	-	-	-	-
5147	-	-	-	-	-	-	-	-
5151	-	-	-	-	-	-	-	-
5152	-	-	-	-	-	-	-	-
5153	-	-	-	-	-	-	-	-
5155	-	-	-	-	-	-	-	-
5156	-	-	-	-	-	-	-	-
6110	-	-	-	-	-	-	-	-
7005	-	-	-	-	-	-	-	-
7006	-	-	144,002	144,002	-	-	56,178	56,178
7060	-	-	-	-	-	-	-	-
7141	-	-	-	-	-	-	-	-
7200	-	-	-	-	-	-	-	-
Grand Total	257,523	9,445	1,383,852	1,650,820	96,680	2,232	368,904	467,816

Functional Group	Plant Retirements	Depreciation Rate	Depreciation Expense to Remove for Retirements	Allocation Factors					2020 Retirements					2020 Depreciation Expense to Remove				
	2020		2020	WA E	ID E	WA G	ID G	OR G	WA E	ID E	WA G	ID G	OR G	WA E	ID E	WA G	ID G	OR G
Thermal 311-316*	3,174,042	2.62%	(83,142)	65.64%	34.36%	0.00%	0.00%	0.00%	2,083,441	1,090,601	-	-	-	(54,575)	(28,568)	-	-	-
Hydro 331-336	1,771,168	2.14%	(37,973)	65.64%	34.36%	0.00%	0.00%	0.00%	1,162,595	608,573	-	-	-	(24,926)	(13,048)	-	-	-
Other Elec Production / Turbines 340-346	387,772	3.56%	(13,803)	65.64%	34.36%	0.00%	0.00%	0.00%	254,533	133,238	-	-	-	(9,060)	(4,743)	-	-	-
Elec Transmission 350-359	6,200,624	2.08%	(129,249)	65.64%	34.36%	0.00%	0.00%	0.00%	4,070,090	2,130,534	-	-	-	(84,839)	(44,410)	-	-	-
Transmission for 2020 Storm Est. **	2,660,512	2.08%	(55,457)	65.64%	34.36%	0.00%	0.00%	0.00%	1,746,360	914,152	-	-	-	(36,402)	(19,055)	-	-	-
Subtotal Elec Transmission 350-359	8,861,136		(184,705)						5,816,450	3,044,686	-	-	-	(121,241)	(63,465)	-	-	-
Elec Distribution 360-373	7,884,780	2.50%	(197,222)	71.11%	28.89%	0.00%	0.00%	0.00%	5,607,199	2,277,581	-	-	-	(140,253)	(56,969)	-	-	-
Distribution for 2020 Storm Est. **	1,381,880	2.50%	(34,565)	71.11%	28.89%	0.00%	0.00%	0.00%	982,713	399,167	-	-	-	(24,581)	(9,984)	-	-	-
Subtotal Elec Distribution 360-373	9,266,660		(231,787)						6,589,912	2,676,748	-	-	-	(164,834)	(66,954)	-	-	-
Gas Distribution 374-387	5,403,752	2.50%	(135,164)	0.00%	0.00%	57.57%	5.27%	37.16%	-	-	3,111,056	284,545	2,008,151	-	-	(77,817)	(7,117)	(50,230)
Gas Underground Storage 350-357	91,627	1.03%	(948)	0.00%	0.00%	65.59%	24.76%	9.65%	-	-	60,096	22,689	8,842	-	-	(622)	(235)	(91)
Software 303	17,597,774	actual used	(793,848)			Actual used			8,398,749	3,846,709	2,369,789	904,000	1,417,646	(379,751)	(177,381)	(119,073)	(46,428)	(71,215)
General	25,220,642	actual used	(1,404,995)			Actual used			13,759,288	6,240,853	2,886,755	1,089,095	1,700,062	(736,716)	(336,102)	(167,731)	(63,706)	(100,739)
Facilities 390-391	581,878	2.00%	(11,638)	48.83%	21.75%	14.89%	5.62%	8.91%	284,143	126,535	86,647	32,713	51,840	(5,683)	(2,531)	(1,733)	(654)	(1,037)
Transportation and Tools 392 / 396	759,748	2.00%	(15,195)	48.83%	21.75%	14.89%	5.62%	8.91%	371,000	165,215	113,134	42,713	67,686	(7,420)	(3,304)	(2,263)	(854)	(1,354)
Plant/AD/Depreciation Expense Retirements	73,116,199		(2,913,199)						38,720,111	17,933,158	8,627,478	2,375,755	5,254,226	(1,504,204)	(696,095)	(369,238)	(118,995)	(224,666)

*The Company included 2020 estimated Thermal retirements under large distinct projects (eventhough there are no Thermal large distinct projects in the 2020 pro forma) to be conservative and include additional offsets in this case.

**Due to not having historical cost estimates, the Company estimated a 50% factor for evaluating the retirements associated with the 2020 Labor Day Storm, including the Chelan-Stratford transmission line.

Allocated by Adjustment																								
Customer at the Center	Large Distinct Projects	Mandatory & Compliance	Programs	Short-Lived Assets	Customer at the Center	Large Distinct Projects	Mandatory & Compliance	Programs	Short-Lived Assets	Customer at the Center	Large Distinct Projects	Mandatory & Compliance	Programs	Short-Lived Assets	Customer at the Center	Large Distinct Projects	Mandatory & Compliance	Programs	Short-Lived Assets					
Functional Group					WA E - 2020 Retirements					WA G - 2020 Retirements					WA E - 2020 Depreciation Expense to Remove					WA G - 2020 Depreciation Expense to Remove				
Thermal 311-316*	-	2,083,441	-	-	-	-	-	-	-	-	(54,575)	-	-	-	-	-	-	-	-					
Hydro 331-336	-	622,847	352,737	187,010	-	-	-	-	-	-	(13,354)	(7,563)	(4,009)	-	-	-	-	-	-					
Other Elec Production / Turbines 340-346	-	-	-	254,533	-	-	-	-	-	-	-	-	(9,060)	-	-	-	-	-	-					
Elec Transmission 350-359	-	1,020,882	2,221,385	827,823	-	-	-	-	-	-	(21,280)	(46,304)	(17,256)	-	-	-	-	-	-					
Transmission for 2020 Storm Est. **	-	1,746,360	-	-	-	-	-	-	-	-	(55,457)	-	-	-	-	-	-	-	-					
Subtotal Elec Transmission 350-359	-	2,767,242	2,221,385	827,823	-	-	-	-	-	-	(76,737)	(46,304)	(17,256)	-	-	-	-	-	-					
Elec Distribution 360-373	-	386,259	538,494	4,682,446	-	-	-	-	-	-	(9,661)	(13,469)	(117,122)	-	-	-	-	-	-					
Distribution for 2020 Storm Est. **	-	982,713	-	-	-	-	-	-	-	-	(24,581)	-	-	-	-	-	-	-	-					
Subtotal Elec Distribution 360-373	-	1,368,972	538,494	4,682,446	-	-	-	-	-	-	(34,242)	(13,469)	(117,122)	-	-	-	-	-	-					
Gas Distribution 374-387	-	-	-	-	-	676,866	1,872,834	561,356	-	-	-	-	-	-	-	(16,930)	(46,845)	(14,041)	-					
Gas Underground Storage 350-357	-	-	-	-	-	60,096	-	-	-	-	-	-	-	-	-	(622)	-	-	-					
Software 303	7,060,387	-	-	-	1,338,362	1,992,157	-	-	377,632	(319,237)	-	-	-	(60,514)	(100,098)	-	-	-	(18,975)					
General	-	1,607,935	-	4,721,178	7,430,175	-	363,647	-	847,512	1,675,597	-	(86,094)	-	(252,787)	(397,835)	-	(21,129)	-	(49,244)	(97,358)				
Facilities 390-391	-	156,597	-	127,546	-	-	47,753	-	38,894	-	-	(3,132)	-	(2,551)	-	-	(955)	-	(778)	-				
Transportation and Tools 392 / 396	-	-	-	371,000	-	-	-	-	113,134	-	-	-	-	(7,420)	-	-	-	-	(2,263)	-				
Plant/AD/Depreciation Expense Retirements	7,060,387	8,607,034	3,112,616	11,171,538	8,768,536	1,992,157	1,148,362	1,872,834	1,560,896	2,053,228	(319,237)	(268,133)	(67,335)	(410,205)	(458,349)	(100,098)	(39,637)	(46,845)	(66,325)	(116,333)				
				<small>CAP 20</small>					<small>CAP 20</small>				<small>CAP 20</small>						<small>CAP 20</small>					

*The Company included 2020 estimated Therr
**Due to not having historical cost estimates,

Column Labels											Total Sum of WA - E Allocated Total 2020 Forecasted EOP TTP	Total Sum of WA - G Allocated Total 2020 Forecasted EOP TTP
Row Labels	Customer at the Center	Large Distinct Projects	Mandatory & Compliance	Programs	Short-Lived Assets	Customer at the Center	Large Distinct Projects	Mandatory & Compliance	Programs	Short-Lived Assets	Forecasted EOP TTP	Forecasted EOP TTP
Elec Distribution 360-373	0.00%	6.89%	9.60%	83.51%	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	100.00%	#DIV/0!
Elec Transmission 350-359	0.00%	25.08%	54.58%	20.34%	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	100.00%	#DIV/0!
Facilities 390-391	0.00%	55.11%	0.00%	44.89%	0.00%	0.00%	55.11%	0.00%	44.89%	0.00%	100.00%	100.00%
Gas Distribution 374-387	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00%	21.76%	60.20%	18.04%	0.00%	#DIV/0!	100.00%
Gas Underground Storage 350-357	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00%	100.00%	0.00%	0.00%	0.00%	#DIV/0!	100.00%
General	0.00%	11.69%	0.00%	34.31%	54.00%	0.00%	12.60%	0.00%	29.36%	58.04%	100.00%	100.00%
Hydro 331-336	0.00%	53.57%	30.34%	16.09%	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	100.00%	#DIV/0!
Other Elec Production / Turbines 340-346	0.00%	0.00%	0.00%	100.00%	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	100.00%	#DIV/0!
Software 303	84.06%	0.00%	0.00%	0.00%	15.94%	84.06%	0.00%	0.00%	0.00%	15.94%	100.00%	100.00%
Transportation and Tools 392 / 396	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	100.00%
Grand Total	7.55%	16.98%	25.81%	40.93%	8.74%	9.43%	20.81%	37.93%	20.95%	10.89%	100.00%	100.00%