

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

Line No.	DESCRIPTION	Pro Forma 2020 Large & Distinct
	Adjstment Number	3.12
	Workpaper Reference	G-PCAP2
	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	19
11	Taxes	-
12	Total Underground Storage	<u>19</u>
	Distribution	
13	Operating Expenses	-
14	Depreciation/Amortization	100
15	Taxes	-
16	Total Distribution	<u>100</u>
17	Customer Accounting	-
18	Customer Service & Information	-
19	Sales Expenses	-
	Administrative & General	
20	Operating Expenses	-
21	Depreciation/Amortization	67
22	Regulatory Amortizations	-
23	Taxes	-
24	Total Admin. & General	<u>67</u>
25	Total Gas Expense	<u>186</u>
26	OPERATING INCOME BEFORE FIT	(186)
	FEDERAL INCOME TAX	
27	Current Accrual	(39)
28	Debt Interest	(37)
29	Deferred FIT	-
30	Amort ITC	-
31	NET OPERATING INCOME	<u>\$ (110)</u>
	RATE BASE	
	PLANT IN SERVICE	
32	Underground Storage	\$ 1,342
33	Distribution Plant	4,241
34	General Plant	<u>734</u>
35	Total Plant in Service	6,317
	ACCUMULATED DEPRECIATION/AMORT	
36	Underground Storage	51
37	Distribution Plant	614
38	General Plant	383
39	Total Accumulated Depreciation/Amortization	<u>1,048</u>
40	NET PLANT	7,365
41	DEFREED TAXES	<u>(174)</u>
42	Net Plant After DFIT	7,191
43	GAS INVENTORY	-
44	GAIN ON SALE OF BUILDING	-
45	OTHER	-
46	WORKING CAPITAL	<u>-</u>
47	TOTAL RATE BASE	<u>\$ 7,191</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 3.12 - Large Distinct Projects			12.31.2020 EOP Adjustment 3.12 Large Distinct Projects
	2020 Retirements on Plant-In- Service at 12/31/2019	2020 Plant Additions	2020 Offsets	
	OFFSETS			
EXPENSES				
Intangible	-	56	-	56
Underground Storage	(1)	20	-	19
Distribution	(17)	117	-	100
General	(22)	33	-	11
Total Natural Gas Expenses	(40)	226	-	186
RATE BASE				
PLANT IN SERVICE				
Intangible	-	279	-	279
Underground Storage	(60)	1,402	-	1,342
Distribution	(677)	4,918	-	4,241
General	(411)	866	-	455
Total Plant in Service	(1,148)	7,466	-	6,317
ACCUMULATED DEPRECIATION/AMORT				
Intangible	-	(8)	-	(8)
Underground Storage	60	(9)	-	51
Distribution	677	(63)	-	614
General	411	(20)	-	391
Total Accumulated Depreciation	1,148	(101)	-	1,047
NET PLANT	-	7,365	-	7,365
DEFERRED TAXES				
Net Plant After DFIT	-	(174)	-	(174)
	-	7,191	-	7,191

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			12.31.20	Retirements	Reduction in Expense
							2020	2020 Total	2020 Total			
Gas U/G Storage	1,402	638	1.46%	20	9	0%	-	53	53	(9)	(60)	(1)
Distribution												
Direct	4,918	2,664	2.37%	117	63	10%	492	166	658	(125)	(677)	(17)
AA	-	-	2.37%	-	-	10%	-	-	-	-	-	-
AN	-	-	2.33%	-	-	10%	-	-	-	-	-	-
Subtotal	4,918	2,664		117	63		492	166	658	(125)	(677)	(17)
General Plant	866	526	3.79%	33	20	0%	-	124	124	(22)	(411)	(22)
Transportation	-	-	5.42%	-	-	0%	-	-	-	-	-	-
Hardware	-	-	20.00%	-	-	0%	-	-	-	-	-	-
Subtotal	866	526		33	20		-	124	124	(22)	(411)	(22)
Software	279	42	20.00%	56	8	0%	-	93	93	(18)	-	-
	279	42		56	8		-	93	93	(18)	-	-
Gas Total	7,466	3,871		226	101		492	436	928	(174)	(1,148)	(40)

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	CAP20.2 1,402	CAP20.2 638
Distribution			
Direct	Gas Distribution 374-387	4,918	2,664
AA		-	-
AN		-	-
Subtotal		4,918	2,664
General Plant	Facilities 390-391	437	268
	Specifically Allocated [1]	429	258
Hardware	Specifically Allocated [1]	-	-
Subtotal		866	526
Transport.	Transportation and Tools 392 / 396	-	-
Subtotal		-	-
Software	Specifically Allocated [1]	279	42
Subtotal		279	42
Gas Total		7,466 CAP 20	3,871 CAP 20

[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%	-	-	-	-	-	-	-	-
5022	22P01	23.83%	50.45%	25.71%	100.00%	-	-	-	-	-	-	-	-
5025	25P01	0.00%	0.00%	100.00%	100.00%	-	-	-	-	-	-	-	-
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%	373,266	-	2,191	371,074	251,074	-	1,473.78	249,600.68
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%	-	-	-	-	-	-	-	-
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%	335,061	-	277,030	58,031	49,556	-	40,973.15	8,582.85
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%	-	-	-	-	-	-	-	-
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%	-	-	-	-	-	-	-	-
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%	-	-	-	-	-	-	-	-
						708,327	-	279,221	429,105	300,630	-	42,447	258,184

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	-	-	-	-	-	-	-	-
5022	-	-	-	-	-	-	-	-
5025	-	-	-	-	-	-	-	-
5026	-	-	-	-	-	-	-	-
5027	-	-	-	-	-	-	-	-
5028	-	-	-	-	-	-	-	-
5029	-	-	-	-	-	-	-	-
5030	-	2,191	371,074	373,266	-	1,474	249,601	251,074
5031	-	-	-	-	-	-	-	-
5032	-	-	-	-	-	-	-	-
5033	-	-	-	-	-	-	-	-
5034	-	-	-	-	-	-	-	-
5035	-	-	-	-	-	-	-	-
5037	-	-	-	-	-	-	-	-
5038	-	-	-	-	-	-	-	-
5039	-	-	-	-	-	-	-	-
5040	-	-	-	-	-	-	-	-
5142	-	-	-	-	-	-	-	-
5147	-	-	-	-	-	-	-	-
5151	-	-	-	-	-	-	-	-
5152	-	-	-	-	-	-	-	-
5153	-	-	-	-	-	-	-	-
5155	-	-	-	-	-	-	-	-
5156	-	277,030	58,031	335,061	-	40,973	8,583	49,556
6110	-	-	-	-	-	-	-	-
7005	-	-	-	-	-	-	-	-
7006	-	-	-	-	-	-	-	-
7060	-	-	-	-	-	-	-	-
7141	-	-	-	-	-	-	-	-
7200	-	-	-	-	-	-	-	-
Grand Total	-	279,221	429,105	708,327	-	42,447	258,184	300,630

Functional Group	Plant Retirements	Depreciation Rate	Depreciation Expense to Remove for Retirements	2020 Retirements		2020 Depreciation Expense to Remove		Customer at the Center	Large Distinct Projects	Mandatory & Compliance	Programs	Short-Lived Assets	Customer at the Center	Large Distinct Projects
	2020		2020	WA E	WA G	WA E	WA G		WA E - 2020 Retirements					WA G -
Thermal 311-316*	3,174,042	2.62%	(83,142)	2,083,441	-	(54,575)	-	-	2,083,441	-	-	-	-	-
Hydro 331-336	1,771,168	2.14%	(37,973)	1,162,595	-	(24,926)	-	-	622,847	352,737	187,010	-	-	-
Other Elec Production / Turbines 340-346	387,772	3.56%	(13,803)	254,533	-	(9,060)	-	-	-	-	254,533	-	-	-
Elec Transmission 350-359	6,200,624	2.08%	(129,249)	4,070,090	-	(84,839)	-	-	1,020,882	2,221,385	827,823	-	-	-
Transmission for 2020 Storm Est. **	2,660,512	2.08%	(55,457)	1,746,360	-	(36,402)	-	-	1,746,360	-	-	-	-	-
Subtotal Elec Transmission 350-359	8,861,136		(184,705)	5,816,450	-	(121,241)	-	-	2,767,242	2,221,385	827,823	-	-	-
Elec Distribution 360-373	7,884,780	2.50%	(197,222)	5,607,199	-	(140,253)	-	-	386,259	538,494	4,682,446	-	-	-
Distribution for 2020 Storm Est. **	1,381,880	2.50%	(34,565)	982,713	-	(24,581)	-	-	982,713	-	-	-	-	-
Subtotal Elec Distribution 360-373	9,266,660		(231,787)	6,589,912	-	(164,834)	-	-	1,368,972	538,494	4,682,446	-	-	-
Gas Distribution 374-387	5,403,752	2.50%	(135,164)	-	3,111,056	-	(77,817)	-	-	-	-	-	-	676,866
Gas Underground Storage 350-357	91,627	1.03%	(948)	-	60,096	-	(622)	-	-	-	-	-	-	60,096
Software 303	17,597,774	actual used	(793,848)	8,398,749	2,369,789	(379,751)	(119,073)	7,060,387	-	-	-	1,338,362	1,992,157	-
General	25,220,642	actual used	(1,404,995)	13,759,288	2,886,755	(736,716)	(167,731)	-	1,607,935	-	4,721,178	7,430,175	-	363,647
Facilities 390-391	581,878	2.00%	(11,638)	284,143	86,647	(5,683)	(1,733)	-	156,597	-	127,546	-	-	47,753
Transportation and Tools 392 / 396	759,748	2.00%	(15,195)	371,000	113,134	(7,420)	(2,263)	-	-	-	371,000	-	-	-
Plant/AD/Depreciation Expense Retirements (j)	73,116,199		(2,913,199)	38,720,111	8,627,478	(1,504,204)	(369,238)	7,060,387	8,607,034	3,112,616	11,171,538	8,768,536	1,992,157	1,148,362
Plant/AD/Depreciation Expense Retirements (j)	71,996,577		(2,894,143)						CAP 20					CAP 20
Variance - due to software and general - no im	1,119,622		(19,055)											

*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													
Functional Group	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	Short-Lived Assets	
	2020 Retirements			WA E - 2020 Depreciation Expense to Remove					WA G - 2020 Depreciation Expense to Remove				
Thermal 311-316*	-	-	-	-	(54,575)	-	-	-	-	-	-	-	
Hydro 331-336	-	-	-	-	(13,354)	(7,563)	(4,009)	-	-	-	-	-	
Other Elec Production / Turbines 340-346	-	-	-	-	-	-	(9,060)	-	-	-	-	-	
Elec Transmission 350-359	-	-	-	-	(21,280)	(46,304)	(17,256)	-	-	-	-	-	
Transmission for 2020 Storm Est. **	-	-	-	-	(55,457)	-	-	-	-	-	-	-	
Subtotal Elec Transmission 350-359	-	-	-	-	(76,737)	(46,304)	(17,256)	-	-	-	-	-	
Elec Distribution 360-373	-	-	-	-	(9,661)	(13,469)	(117,122)	-	-	-	-	-	
Distribution for 2020 Storm Est. **	-	-	-	-	(24,581)	-	-	-	-	-	-	-	
Subtotal Elec Distribution 360-373	-	-	-	-	(34,242)	(13,469)	(117,122)	-	-	-	-	-	
Gas Distribution 374-387	1,872,834	561,356	-	-	-	-	-	-	-	(16,930)	(46,845)	(14,041)	
Gas Underground Storage 350-357	-	-	-	-	-	-	-	-	-	(622)	-	-	
Software 303	-	-	377,632	(319,237)	-	-	-	(60,514)	(100,098)	-	-	(18,975)	
General	-	847,512	1,675,597	-	(86,094)	-	(252,787)	(397,835)	-	(21,129)	-	(49,244)	
Facilities 390-391	-	38,894	-	-	(3,132)	-	(2,551)	-	-	(955)	-	(778)	
Transportation and Tools 392 / 396	-	113,134	-	-	-	-	(7,420)	-	-	-	-	(2,263)	
Plant/AD/Depreciation Expense Retirements (j)	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)

CAP 20

CAP 20

Plant/AD/Depreciation Expense Retirements (j)

Variance - due to software and general - no im

*The Company included 2020 estimated Thern

**Due to not having historical cost estimates, 1

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		
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%