

**Exh. AH-2  
Dockets UE-190334, UG-190335,  
and UE-190222  
Witness: Aimee Higby**

**BEFORE THE WASHINGTON  
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**AVISTA CORPORATION, d/b/a  
AVISTA UTILITIES,**

**Respondent.**

**DOCKETS UE-190334, UG-190335,  
and UE-190222 (*Consolidated*)**

**EXHIBIT TO  
TESTIMONY OF**

**Aimee Higby**

**STAFF OF  
WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION**

*Attachment A to Avista's 2nd Supplemental Response to UTC Staff Data Request No. 23  
(with Staff Analysis)*

**October 3, 2019**

Avista Utilities						
Plant Additions		Avista	Avista		Staff Proposed	
Electric Adjustment		(As Filed)	Supplemented Staff DR 23			
	EOP	PF Adjustment	PF Adjustment	PF Total 2019	PF Adjustment	PF Total 2019
	12.31.2018					
		3.10	3.10		3.10	
		E-RPCAP	E-RPCAP		E-RPCAP	
Depreciation/Amortization Expense						
Intangible	17,474	2,107	1,764	19,238	1,243	18,717
Production	19,982	203	240	20,222	-	19,982
Transmission	8,719	369	336	9,055	-	8,719
Distribution	33,472	707	736	34,208	-	33,472
General	14,488	1,326	1,383	15,871	-	14,488
Total Depreciation Expense	94,135	4,713	4,459	98,594	1,243	95,378
	2.19 Restate 2018	WA PF Major summary	WA PF Major summary		WA PF Major summary	
Transportation Expense	-					
Net Operating Income Before FIT	(94,135)	(4,713)	(4,459)	(98,594)	(1,243)	(95,378)
FIT Benefit of Depreciation/Amortization	32,947	1,650	1,561	34,508	261	33,208
ITC Amortization Nine Mile				-		-
Net Operating Income	(61,188)	(3,063)	(2,899)	(64,086)	(982)	(62,170)
Plant Cost						
Intangible	174,689	10,536	8,820	183,509	6,216	180,905
Production	921,067	9,185	10,874	931,941	-	921,067
Transmission	495,136	17,935	16,292	511,428	-	495,136
Distribution	1,150,923	28,623	29,795	1,180,718	-	1,150,923
General	268,428	18,593	19,165	287,593	-	268,428
Total Plant Cost	3,010,243	84,872	84,946	3,095,189	6,216	3,016,459
	2.19 Restate 2018	WA PF Major summary	WA PF Major summary		WA PF Major summary	
Accumulated Depreciation						
Intangible	(46,355)	(780)	(923)	(47,278)	(859)	(47,214)
Production	(372,284)	(66)	(61)	(372,345)	-	(372,284)
Transmission	(142,875)	(92)	(114)	(142,989)	-	(142,875)
Distribution	(349,347)	(264)	(370)	(349,717)	-	(349,347)
General	(96,930)	(374)	(538)	(97,468)	(11)	(96,941)
Total Accumulated Depreciation	(1,007,791)	(1,576)	(2,007)	(1,009,798)	(870)	(1,008,661)
	2.19 Restate 2018	WA PF Major summary	WA PF Major summary		WA PF Major summary	
Accumulated DFIT						
ADFIT	(410,099)	(2,053)	(1,964)	(412,063)	8	(410,091)
Total Accumulated DFIT	(410,099)	(2,053)	(1,964)	(412,063)	8	(410,091)
	2.19 Restate 2018	WA PF Major summary	WA PF Major summary		WA PF Major summary	
Net Rate Base	1,592,353	81,243	80,975	1,673,328	5,354	1,597,708

<b>Avista Utilities</b>						
<b>Plant Additions</b>		<b>Avista</b>	<b>Avista</b>		<b>Staff Proposed</b>	
<b>Gas Adjustment</b>		<i>(As Filed)</i>	<i>Supplemented Staff DR 23</i>			
	<b>EOP</b>	<b>PF Adjustment</b>	<b>PF Adjustment</b>	<b>PF Total 2019</b>	<b>PF Adjustment</b>	<b>PF Total 2019</b>
	<b>12.31.2018</b>	<b>3.10</b>	<b>3.10</b>		<b>3.10</b>	
		<b>G-RPCAP</b>	<b>G-RPCAP</b>		<b>G-RPCAP</b>	
Depreciation/Amortization Expense						
Intangible	4,600	636	515	5,115	392	4,992
U/G Storage	670			670		670
Distribution	12,209	347	281	12,490	160	12,369
General	4,852	638	891	5,743	411	5,263
Total Expenses	22,331	1,622	1,687	24,018	963	23,294
	<b>2.19 Restate 2018</b>	<b>WA PF Major summary</b>	<b>WA PF Major summary</b>		<b>WA PF Major summary</b>	
Transportation Expense	-			-		-
Net Operating Income Before FIT	(22,331)	(1,622)	(1,687)	(24,018)	(963)	(23,294)
FIT Benefit of Depreciation/Amortization	7,816	568	591	8,406	202	8,018
Net Operating Income	(14,515)	(1,054)	(1,097)	(15,612)	(761)	(15,276)
Plant Cost						
Intangible	32,256	3,180	2,577	34,833	1,961	34,217
U/G Storage	29,042			29,042		29,042
Distribution	487,045	14,592	11,812	498,857	6,704	493,749
General	87,691	8,746	11,881	99,572	5,404	93,095
Total Plant Cost	636,034	26,518	26,269	662,303	14,068	650,102
	<b>2.19 Restate 2018</b>	<b>WA PF Major summary</b>	<b>WA PF Major summary</b>		<b>WA PF Major summary</b>	
Accumulated Depreciation						
Intangible	(10,342)	(234)	(290)	(10,632)	(187)	(10,529)
U/G Storage	(11,364)			(11,364)		(11,364)
Distribution	(148,610)	(156)	(130)	(148,740)	(49)	(148,659)
General	(24,035)	(263)	(352)	(24,387)	(38)	(24,073)
Total Accumulated Depreciation	(194,351)	(654)	(773)	(195,124)	(273)	(194,624)
	<b>2.19 Restate 2018</b>	<b>WA PF Major summary</b>	<b>WA PF Major summary</b>		<b>WA PF Major summary</b>	
Accumulated DFIT						
General	(89,281)	(607)	(576)	(89,857)	(338)	(89,619)
Total Accumulated DFIT	(89,281)	(607)	(576)	(89,857)	(338)	(89,619)
	<b>2.19 Restate 2018</b>					
Net Rate Base	352,402	25,257	24,921	377,323	13,458	365,860



Washington Electric -Major Projects

Eral	Depreciation category	Eral	Percent	1	2	3	4	5	6	7	8	9	10	11	12	Total	AMA - Full Year	Plant Investment Driver	
				Actual Jan	Actual Feb	Actual Mar	Actual Apr	Actual May	Actual Jun	Actual Jul	Forecast Aug	Forecast Sep	Forecast Oct	Forecast Nov	Forecast Dec				
1003	Elec Distribution 360-373	1003	100%	389,464	255,601	598,306	471,443	149,801	216,681	464,832	376,379	400,386	378,149	347,157	311,060			Customer Requested	
2055	Elec Distribution 360-373	2055	100%	485,079	475,294	614,675	757,120	864,136	657,088	652,787	628,058	288,775	231,954	179,246	201,740			Asset Condition	
2060	Elec Distribution 360-373	2060	100%	289,315	303,981	336,909	192,528	97,909	49,360	99,283	235,457	133,000	855,000	855,000	877,500			Asset Condition	
2204	Elec Distribution 360-373	2204	100%	7,320	7,219	40,722	247,372	12,982	4,940,822	(12,580)	(32,794)	1,812,975	-	-	-			Asset Condition	
2215	Elec Transmission 350-359	2215	100%	14,616	94,419	3,018	(7,012)	271,673	142,435	284,004	13,801	261,560	261,560	228,865	228,865			Asset Condition	
2470	Elec Distribution 360-373	2470	100%	361,720	660,897	874,277	513,132	1,156,091	782,984	1,284,210	632,629	737,107	543,263	348,880	155,548			Asset Condition	
2556	Elec Transmission 350-359	2556	100%	(4,329)	1,300	1,270	1,645	4,587	314	(31,190)	-	-	-	3,922,642	-			Mandatory & Compliance	
2580	Elec Transmission 350-359	2580	100%	-	-	-	-	-	-	-	5,103,284	-	-	-	-			Mandatory & Compliance	
2604	Elec Transmission 350-359	2604	100%	-	-	-	-	-	-	5,494,333	72	-	-	-	-			Customer Requested	
4152	Hydro 331-336	4152	100%	5,827	339	198	199	-	-	-	-	5,721,625	-	-	-			Asset Condition	
4178	Hydro 331-336	4178	100%	-	-	-	-	-	-	-	-	-	5,145,460	-	-			Asset Condition	
5016	General 5yr 389 / 393-395 / 397-398	5016	100%	79,074	2,481,033	391,234	114,191	171,737	342,938	11,858	-	-	-	-	-	3,592,064	2,935,823	Asset Condition	
5020	General 12yr 389 / 393-395 / 397-398	5020	100%	64,325	93,893	196,913	197,372	22,526	9,061	61,625	1,125,580	367,848	231,234	372,223	79,141	-	-	Performance & Capacity	
5020	Software 303	5020	100%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Performance & Capacity	
5151	Software 303	5151	100%	29,916	47,928	33,620	3,977	427,901	457,217	1,623,521	-	-	-	-	-	2,624,081	1,359,251	Customer Service Quality & Reliability	
7000	Transportation and Tools 392 / 396	7000	100%	246,280	288,995	104,869	414,648	68,715	176,641	533,039	123,542	117,332	443,218	503,657	503,657	-	-	Asset Condition	
7131	Facilities 390-391	7131	100%	(199,298)	277,545	22,906	1,956	114,087	(470)	(3,025)	-	-	-	-	-	-	-	Performance & Capacity	
7135	Facilities 390-391	7135	100%	4,193,817	25,521	168,996	296,826	(30,453)	67,031	7,103	-	-	-	-	-	-	-	Asset Condition	
<b>5,963,126    5,013,966    3,387,911    3,205,396    3,331,692    7,842,102    10,469,800    8,206,008    9,840,608    8,089,838    6,757,670    2,357,509    6,216,145</b>																<b>4,436,115</b>			
																<b>WA PF Major Summary</b>		<b>WA PF Major Summary</b>	
TTP - from Supplemental 1 (Jan-May Actual)				5,963,126	5,013,966	3,387,911	3,205,396	3,331,692	14,516,907	7,700,788	4,096,868	10,013,862	8,269,541	6,901,303	11,961,130	84,362,492			
Difference between Supplemental 1 and 2				-	-	-	-	-	(6,674,805)	2,769,012	4,109,140	(173,255)	(179,703)	(143,633)	(9,603,621)	(78,146,347)			

Notes:

June through August actual TTP were added to spreadsheet. The September-December forecasted TTP were not updated.

Washington Natural Gas - Major Projects

Ervl	Depreciation category	Ervl Percent	1	2	3	4	5	6	7	8	9	10	11	12	Total	AMA - Full Year	Plant Investment Driver
			Actual Jan	Actual Feb	Actual Mar	Actual Apr	Actual May	Actual Jun	Actual Jul	Forecast Aug	Forecast Sep	Forecast Oct	Forecast Nov	Forecast Dec			
3005	Gas Distribution 374-387	100%	251,035	96,297	152,923	236,764	389,074	373,294	325,854						1,825,241	767,677	Failed Plant & Operations
3008	Gas Distribution 374-387	100%	44,005	57,024	59,464	376,807	1,137,827	2,330,220	872,989						4,878,335	1,280,352	Mandatory & Compliance
5016	General 5yr 389 / 393-395 / 397-398	100%	24,214	759,749	165,546	35,582	54,523	105,621	3,631						1,148,866	786,008	Asset Condition
5020	General 12yr 389 / 393-395 / 397-398	100%	7,246	3,542	5,518	29,397	5,473	2,328	19,333						72,838	31,592	Performance & Capacity
5020	Software 303	100%	-	-	-	-	-	-	-						-	-	Performance & Capacity
5151	Software 303	100%	14,693	15,269	12,099	1,316	131,254	140,589	497,159						812,380	146,591	Customer Service Quality & Reliability
7000	Transportation and Tools 392 / 396	100%	86,704	703	14,320	15,343	20,292	12,998	-	8,441	93,000	208,105	77,268	77,268	-	-	Asset Condition
7131	Facilities 390-391	100%	(64,762)	77,387	1,811	599	34,936	(144)	(926)	31	-	-	-	-	-	-	Performance & Capacity
7132	Facilities 390-391	100%	47,267	46,410	(13,372)	(194)	5	-	5,250,701						5,330,818	446,715	Asset Condition
7135	Facilities 390-391	100%	1,191,571	7,251	48,016	90,826	(9,418)	19,045	2,018	-	-	-	-	-	-	-	Asset Condition
			<b>1,601,973</b>	<b>1,063,632</b>	<b>446,326</b>	<b>786,439</b>	<b>1,763,966</b>	<b>2,983,951</b>	<b>6,970,759</b>	<b>8,472</b>	<b>93,000</b>	<b>208,105</b>	<b>77,268</b>	<b>77,268</b>	<b>14,068,477</b>	<b>3,473,448</b>	
															<b>WA PF Major Summary</b>		
TTP - from Supplemental 1 (Jan-May Actual)			1,601,973	1,063,632	446,326	786,439	1,763,966	6,938,174	3,112,128	2,760,815	2,879,327	1,445,203	740,209	3,077,942	26,616,134		
Difference between Supplemental 1 and 2			-	-	-	-	-	(3,954,223)	3,858,631	(2,752,343)	(2,786,326)	(1,237,098)	(662,941)	(3,000,674)	(12,547,657)		

Notes:  
June through August actual TTP were added to spreadsheet. The September-December forecasted TTP were not updated.



Washington Electric - Major Projects

Eval	Depreciation category	Actual	Actual					Forecast					Total	AMA												Plant Investment Driver			
			1	2	3	4	5	6	7	8	9	10		11	12	AMA - Jan	AMA - Feb	AMA - Mar	AMA - Apr	AMA - May	AMA - Jun	AMA - Jul	AMA - Aug	AMA - Sep	AMA - Oct		AMA - Nov	AMA - Dec	AMA - Full Year
1003	100%	389,464	255,601	598,306	471,143	149,801	216,681	464,832	376,379	400,386	378,149	347,157	311,060	4,359,259	194,732	517,265	944,218	1,479,093	1,789,715	1,972,956	2,313,712	2,734,318	3,122,700	3,511,968	3,874,621	4,203,729	2,221,586	Customer Requested	
2055	100%	485,079	475,294	616,675	757,120	864,136	657,088	652,787	628,058	288,775	231,954	179,246	201,740	6,035,951	242,540	722,726	1,267,710	1,953,608	2,764,236	3,524,848	4,179,785	4,820,208	5,278,624	5,538,988	5,744,588	5,935,081	3,497,745	Asset Condition	
2060	100%	285,315	303,983	336,909	392,528	97,909	49,360	99,283	225,457	133,000	855,000	855,000	877,500	144,658	441,306	763,751	1,026,469	1,171,687	1,245,322	1,319,643	1,487,033	1,671,242	2,165,242	3,020,242	3,886,492	1,528,422	Asset Condition		
2204	100%	7,320	7,219	40,722	247,372	12,982	4,940,822	(12,580)	(32,794)	1,812,975	-	-	-	7,024,038	3,660	10,939	34,900	178,947	309,124	2,786,026	5,250,147	5,227,460	6,117,550	7,024,038	7,024,038	3,415,905	Asset Condition		
2215	100%	14,616	94,419	3,018	(7,031)	271,673	142,435	284,004	13,801	261,560	261,560	228,865	228,865	1,797,804	7,308	61,826	110,544	108,547	240,878	447,932	661,151	810,054	947,734	1,209,294	1,454,507	1,683,372	645,262	Asset Condition	
2470	100%	361,720	660,897	874,277	513,132	1,156,091	782,984	1,284,210	632,629	737,107	543,263	348,880	155,548	8,003,738	380,860	692,169	1,450,756	2,163,460	2,989,072	3,951,608	4,891,206	5,948,625	6,634,483	7,274,678	7,720,760	7,972,964	4,331,304	Asset Condition	
2556	100%	(4,329)	1,300	1,270	1,645	4,587	314	(31,190)	-	-	-	-	-	3,896,238	(2,164)	(3,679)	(2,394)	(936)	2,179	4,630	(10,808)	(26,403)	(26,403)	(26,403)	1,934,918	3,896,238	478,231	Mandatory & Compliance	
2580	100%	-	-	-	-	-	-	-	-	-	-	-	-	5,103,284	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Mandatory & Compliance
2604	100%	-	-	-	-	-	-	-	-	-	-	-	-	5,494,405	72	-	-	-	-	-	-	-	-	-	-	-	-	-	Customer Requested
4152	100%	5,827	339	198	199	-	-	-	-	-	-	-	-	5,721,625	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Asset Condition
4178	100%	-	-	-	-	-	-	-	-	-	-	-	-	5,145,460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Asset Condition
5016	100%	79,074	2,481,033	391,234	114,181	171,737	342,938	11,858	155,820	171,447	179,703	143,633	116,747	4,339,415	39,537	1,319,591	2,755,724	3,008,436	3,151,400	3,408,737	3,586,135	3,669,974	3,833,688	4,009,183	4,170,851	4,303,041	3,104,518	Asset Condition	
5020	100%	64,325	93,893	196,913	197,372	22,526	9,061	61,625	1,125,580	367,848	231,234	372,223	79,141	2,821,742	32,163	111,272	256,675	453,817	563,766	579,560	614,903	1,208,505	1,955,219	2,254,760	2,556,489	2,782,171	1,114,108	Performance & Capacity	
5020	100%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Performance & Capacity
5151	100%	29,016	47,938	33,630	3,977	427,901	417,217	1,623,521	234,294	1,807	-	-	-	1,610,551	4,460,733	11,880	94,654	113,453	329,392	771,951	1,812,320	2,736,228	2,849,278	2,850,182	2,850,182	3,655,417	1,510,995	Customer Service Quality & Reliability	
7000	100%	246,280	288,995	104,869	414,648	68,715	176,641	533,039	123,542	117,332	443,218	503,657	503,657	3,524,593	123,140	390,777	847,468	1,089,150	1,211,828	1,566,668	1,894,958	2,015,396	2,295,671	2,769,108	3,272,764	1,505,386	Asset Condition		
7131	100%	(199,298)	277,545	22,906	1,956	134,087	(470)	(3,025)	100	-	-	-	-	7,876,322	8,090,123	(99,649)	(60,526)	89,699	302,130	160,152	215,213	213,750	213,800	213,800	213,800	4,151,962	469,258	Performance & Capacity	
7135	100%	-	-	-	-	-	-	-	-	-	-	-	-	2,228,850	2,096,908	4,206,577	4,303,835	4,536,746	4,669,933	4,888,222	4,725,289	4,728,840	4,728,840	4,728,840	4,728,840	4,728,840	4,728,840	4,728,840	Asset Condition
<b>WA PF Major Summary</b>																											<b>WA PF Major Summary</b>		
TTP - From Supplemental 1 (Jan-May Actual)			5,963,126	5,013,966	3,387,911	3,205,396	3,331,692	14,516,907	7,700,788	4,096,868	10,013,862	8,269,541	6,901,303	11,961,130	84,362,492														
Difference between Supplemental 1 and 2			-	-	-	-	-	(6,674,805)	2,769,012	4,489,354	-	-	-	-	583,561														

Notes:  
June through August actual TTP were added to spreadsheet. The September-December forecasted TTP were not updated.

Washington Natural Gas - Major Projects

Eval	Percent	Actual Jan	Actual Feb	Actual Mar	Actual Apr	Actual May	Actual Jun	Actual Jul	Forecast Aug	Forecast Sep	Forecast Oct	Forecast Nov	Forecast Dec	Total
3005	100%	251,035	96,297	152,923	236,764	389,074	373,294	325,854	391,701	144,569	139,654	133,398	217,681	2,852,243
3008	100%	44,005	57,024	59,464	376,807	1,137,827	2,330,220	872,989	1,525,718	1,576,060	771,606	207,732	-	8,959,450
5016	100%	24,214	759,749	165,546	35,582	54,523	105,621	3,631	47,716	52,501	55,029	43,984	35,751	1,383,846
5020	100%	7,246	3,542	5,518	29,397	5,473	2,328	19,333	344,674	112,643	70,809	113,983	24,235	739,183
5020	100%	-	-	-	-	-	-	-	-	-	-	-	-	-
5151	100%	14,693	15,269	12,099	1,316	131,254	140,589	497,159	68,684	553	-	-	311,099	1,192,717
7000	100%	86,704	703	14,320	15,343	20,292	12,998	-	8,441	93,000	208,105	77,268	77,268	614,442
7131	100%	(64,762)	77,387	1,811	599	34,936	(144)	(926)	31	-	-	-	2,411,909	2,460,841
7132	100%	47,267	46,410	(13,370)	(184)	5	-	5,250,701	122,658	900,000	200,000	163,845	-	6,717,311
7135	100%	1,191,571	7,251	48,016	90,826	(9,418)	19,045	2,018	-	-	-	-	-	1,349,308
		<b>1,601,973</b>	<b>1,063,632</b>	<b>446,326</b>	<b>786,439</b>	<b>1,763,966</b>	<b>2,983,951</b>	<b>6,070,759</b>	<b>2,509,623</b>	<b>2,879,327</b>	<b>1,445,203</b>	<b>740,209</b>	<b>3,077,942</b>	<b>26,249,351</b>
														<b>WA PF Major Summary</b>
TTP - from Supplemental 1 (Jan-May Actual)		1,601,973	1,063,632	446,326	786,439	1,763,966	6,938,174	3,112,128	2,760,815	2,879,327	1,445,203	740,209	3,077,942	26,616,134
Difference between Supplemental 1 and 2		-	-	-	-	-	(3,954,223)	3,858,631	(251,192)	-	-	-	-	(346,783)

AMA - Jan	AMA - Feb	AMA - Mar	AMA - Apr	AMA - May	AMA - Jun	AMA - Jul	AMA - Aug	AMA - Sep	AMA - Oct	AMA - Nov	AMA - Dec	AMA - Full Year	Plant Investment Driver
125,517	299,183	423,794	618,637	931,556	1,312,740	1,662,314	2,021,091	2,289,226	2,431,338	2,567,864	2,743,403	1,452,222	Failed Plant & Operations
22,002	72,517	130,760	348,896	1,106,212	2,840,236	4,441,840	5,641,194	7,192,083	8,365,915	8,855,584	8,959,450	3,998,057	Mandatory & Compliance
12,107	404,089	866,736	967,300	1,012,352	1,092,424	1,147,050	1,172,724	1,222,832	1,276,597	1,326,104	1,365,971	988,857	Asset Condition
3,623	9,017	13,548	31,005	48,440	52,341	63,171	245,175	473,834	565,560	657,956	727,065	240,895	Performance & Capacity
													Performance & Capacity
													Customer Service Quality & Reliability
43,352	87,056	94,567	109,399	127,216	143,862	150,361	154,581	205,302	355,854	498,541	575,808	212,158	Asset Condition
(32,381)	(26,009)	13,530	14,735	32,503	49,899	49,164	48,916	48,932	48,932	1,234,886	1,234,886	1,234,886	Performance & Capacity
23,634	70,472	86,992	80,208	80,114	80,117	2,706,467	5,392,147	5,903,476	6,453,476	6,615,398	6,712,321	2,854,402	Asset Condition
595,785	1,195,196	1,222,830	1,292,251	1,332,954	1,337,768	1,348,299	1,349,308	1,349,308	1,349,308	1,349,308	1,349,308	1,255,969	Asset Condition
													<b>11,592,792</b>
													<b>WA PF Major Summary</b>

Notes:  
June through August actual TTP were added to spreadsheet. The September-December forecasted TTP were not updated.