

**BEFORE THE**

**WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND	)	DOCKETS UE-200900, UG-200901,
TRANSPORTATION COMMISSION	)	UE-200894 ( <i>Consolidated</i> )
	)	
Complainant,	)	
	)	
v.	)	
	)	
AVISTA CORPORATION d/b/a	)	
AVISTA UTILITIES	)	
	)	
Respondent.	)	
_____	)	
	)	
In the Matter of the Petition of	)	
	)	
AVISTA CORPORATION d/b/a	)	
AVISTA UTILITIES,	)	
	)	
For an Accounting Order Authorizing	)	
Accounting and Ratemaking Treatment of	)	
Costs Associated with the Company's	)	
Wildfire Resiliency Plan.	)	
_____	)	

**EXHIBIT BGM-9**

**OPERATIONS AND MAINTENANCE EXPENSE ANALYSIS 2019-2020**

Electric Services Operations and Maintenance Expense Analysis 2019 - 2020

	2019	2020	Change
<b>PRODUCTION O&amp;M EXPENSE (EXCLUDING POWER SUPPLY EXPENSE)</b>			
STEAM POWER GENERATION EXPENSE:			
<i>OPERATION</i>			
Supervision & Engineering	297,973	232,540	(65,433)
Steam Expense	2,574,532	2,303,317	(271,215)
Electric Expense	698,805	487,282	(211,523)
Miscellaneous Steam Power Generation Op Exp	2,097,717	3,038,662	940,945
Rent	9,898	-	(9,898)
<i>MAINTENANCE</i>			
Supervision & Engineering	356,549	432,935	76,386
Structures	503,766	509,177	5,411
Boiler Plant	4,001,813	5,109,748	1,107,935
Electric Plant	452,131	1,483,564	1,031,433
Miscellaneous Steam Power Generation Maint Exp	825,475	777,505	(47,970)
<b>TOTAL STEAM POWER GENERATION EXP</b>	<b>11,818,659</b>	<b>14,374,730</b>	<b>2,556,071</b>
HYDRAULIC POWER GENERATION EXP:			
<i>OPERATION</i>			
Supervision & Engineering	2,246,828	1,251,422	(995,406)
Water for Power	613,940	928,779	314,839
Hydraulic Expense	6,448,040	6,446,431	(1,609)
Electric Expense	5,045,825	3,789,545	(1,256,280)
Miscellaneous Hydraulic Power Generation Exp	738,149	707,864	(30,285)
Rent	948,347	984,225	35,878
MT Trust Funds Land Settlement Rents	3,258,748	3,340,078	81,330
<i>MAINTENANCE</i>			
Supervision & Engineering	662,096	378,326	(283,770)
Structures	485,568	1,408,176	922,608
Reservoirs, Dams, & Waterways	1,207,958	227,759	(980,199)
Electric Plant	2,323,613	2,042,612	(281,001)
Miscellaneous Hydraulic Plant	749,400	440,559	(308,841)
<b>TOTAL HYDRO POWER GENERATION EXP</b>	<b>24,728,512</b>	<b>21,945,776</b>	<b>(2,782,736)</b>
OTHER POWER GENERATION EXPENSE:			
<i>OPERATION</i>			
Supervision & Engineering	182,264	253,976	71,712
Generation Expense	1,555,904	1,548,704	(7,200)
Rent	30,880	55,253	24,373
<i>MAINTENANCE</i>			
Supervision & Engineering	523,040	446,418	(76,622)
Structures	88,315	117,056	28,741
Generating & Electric Equipment	4,746,469	2,698,294	(2,048,175)
Miscellaneous Other Power Generation Maint Exp	311,609	267,932	(43,677)
<b>TOTAL OTHER POWER GENERATION EXP</b>	<b>7,438,481</b>	<b>5,387,633</b>	<b>(2,050,848)</b>
<b>TOTAL PRODUCTION OPERATING EXP</b>	<b>43,985,652</b>	<b>41,708,139</b>	<b>(2,277,513)</b>

**TRANSMISSION OPERATING EXPENSE (Excluding Net Power Costs):**

*OPERATION*

Supervision & Engineering	1,651,025	1,438,994	(212,031)
Load Dispatching	2,482,185	1,786,061	(696,124)
Station Expense	379,015	313,217	(65,798)
Energy Storage Equipment	-	-	-
Overhead Line Expense	252,932	277,632	24,700
Miscellaneous Transmission Expense	2,105,805	1,550,491	(555,314)
Rent	116,687	121,601	4,914

*MAINTENANCE*

Supervision & Engineering	429,478	278,297	(151,181)
Structures	458,351	279,038	(179,313)
Station Equipment	649,261	498,751	(150,510)
Energy Storage Equipment	-	-	-
Overhead Lines	653,735	872,745	219,010
Underground Lines	46	3,649	3,603
Service Miscellaneous	51,550	22,806	(28,744)

<b>TOTAL TRANSMISSION OPERATING EXP</b>	<b>9,230,070</b>	<b>7,443,282</b>	<b>(1,786,788)</b>
---	------------------	------------------	--------------------

**DISTRIBUTION EXPENSES:**

*OPERATION:*

Supervision & Engineering	3,143,735	2,470,679	(673,056)
Station Expense	543,467	378,868	(164,599)
Overhead Line Expense	1,605,630	1,698,380	92,750
Underground Line Expense	1,036,015	955,009	(81,006)
Energy Storage Equipment	-	-	-
Street Light & Signal System Operation Expense	6,884	36,669	29,785
Meter Expense	1,869,273	1,395,309	(473,964)
Customer Installations Expense	671,049	420,849	(250,200)
Miscellaneous Distribution Expense	6,024,882	3,252,780	(2,772,102)
Rent	251,264	183,085	(68,179)

*MAINTENANCE:*

Supervision & Engineering	1,062,515	855,929	(206,586)
Structures	401,277	266,695	(134,582)
Station Equipment	685,033	375,492	(309,541)
Energy Storage Equipment	-	-	-
Overhead Lines	7,914,136	9,038,837	1,124,701
Underground Lines	602,770	424,530	(178,240)
Line Transformers	316,235	349,845	33,610
Street Light & Signal System Maintenance Exp	167,362	120,237	(47,125)
Meters	37,495	42,400	4,905
Miscellaneous Distribution Expense	407,521	395,490	(12,031)

<b>TOTAL DISTRIBUTION OPERATING EXP</b>	<b>26,746,543</b>	<b>22,661,083</b>	<b>(4,085,460)</b>
---	-------------------	-------------------	--------------------

**CUSTOMER ACCOUNTS EXPENSES:**

Supervision	118,128	97,807	(20,321)
Meter Reading Expenses	2,557,530	981,093	(1,576,437)
Customer Records & Collection Expenses	6,958,979	4,895,634	(2,063,345)
Uncollectible Accounts	136,763	5,838,706	5,701,943
Misc Customer Accounts	141,119	95,317	(45,802)

<b>TOTAL CUSTOMER ACCOUNTS EXPENSES</b>	<b>9,912,519</b>	<b>11,908,557</b>	<b>1,996,038</b>
---	------------------	-------------------	------------------

**CUSTOMER SERVICE & INFO EXPENSES:**

Customer Assistance Expenses	27,397,886	23,271,958	(4,125,928)
Advertising	846,179	743,441	(102,738)
Misc Customer Service & Info Exp	179,863	209,841	29,978

<b>TOTAL CUSTOMER SERVICE &amp; INFO EXP</b>	<b>28,423,928</b>	<b>24,225,240</b>	<b>(4,198,688)</b>
--	-------------------	-------------------	--------------------

**TOTAL O&M**

<b>118,298,712</b>	<b>107,946,301</b>	<b>(10,352,411)</b>
--------------------	--------------------	---------------------

Gas Services Operations and Maintenance Expense Analysis 2019 - 2020

	<u>2019</u>	<u>2020</u>	<u>Change</u>
<b>UNDERGROUND STORAGE EXPENSES:</b>			
Supervision & Engineering	14,266	4,952	(9,314)
Other Expenses	479,200	500,967	21,767
Other Equipment	1,389,796	1,359,058	(30,738)
<b>TOTAL UNDERGROUND STORAGE OPER EXP</b>	<u>1,883,262</u>	<u>1,864,977</u>	<u>(18,285)</u>
<b>DISTRIBUTION EXPENSES:</b>			
<i>OPERATION</i>			
Supervision & Engineering	1,716,400	1,371,670	(344,730)
Distribution Load Dispatching	-	-	-
Mains & Services Expenses	3,411,775	3,361,591	(50,184)
Measuring & Reg Sta Exp-General	93,505	100,974	7,469
Measuring & Reg Sta Exp-Industrial	8,175	3,646	(4,529)
Measuring & Reg Sta Exp-City Gate	57,473	37,807	(19,666)
Meter & House Regulator Expenses	411,763	379,284	(32,479)
Customer Installation Expenses	1,471,078	1,016,815	(454,263)
Other Expenses	2,110,108	1,257,796	(852,312)
Rents	27,240	24,448	(2,792)
<i>MAINTENANCE</i>			
Supervision & Engineering	81,761	16,505	(65,256)
Mains	770,000	941,042	171,042
Measuring & Reg Sta Exp-General	276,331	333,724	57,393
Measuring & Reg Sta Exp-Industrial	14,903	19,944	5,041
Measuring & Reg Sta Exp-City Gate	65,500	43,557	(21,943)
Services	1,358,024	1,156,459	(201,565)
Meters & House Regulators	1,610,312	1,551,861	(58,451)
Other Equipment	184,961	178,612	(6,349)
<b>TOTAL DISTRIBUTION OPERATING EXP</b>	<u>13,669,309</u>	<u>11,795,735</u>	<u>(1,873,574)</u>
<b>CUSTOMER ACCOUNTS EXPENSES:</b>			
Supervision	77,629	64,700	(12,929)
Meter Reading Expenses	1,669,162	648,393	(1,020,769)
Customer Records & Collection Expenses	4,468,642	3,224,863	(1,243,779)
Uncollectible Accounts	89,876	1,574,271	1,484,395
Misc Customer Accounts	92,738	63,053	(29,685)
<b>TOTAL CUSTOMER ACCOUNTS EXPENSES</b>	<u>6,398,047</u>	<u>5,575,280</u>	<u>(822,767)</u>
<b>CUSTOMER SERVICE &amp; INFO EXPENSES:</b>			
Customer Assistance Expenses	8,901,554	8,438,068	(463,486)
Advertising	643,901	507,932	(135,969)
Misc Customer Service & Info Exp	118,200	138,811	20,611
<b>TOTAL CUSTOMER SERVICE &amp; INFO EXP</b>	<u>9,663,655</u>	<u>9,084,811</u>	<u>(578,844)</u>
<b>TOTAL O&amp;M</b>	<u><u>31,614,273</u></u>	<u><u>28,320,803</u></u>	<u><u>(3,293,470)</u></u>