

AVISTA UTILITIES
WASHINGTON ELECTRIC
SCHEDULE 91 - DSM

Source	TOTAL	RESIDENTIAL SCHEDULE 1,2	GENERAL SVC. SCH. 11,12	LG. GEN. SVC. SCH. 21,22	EX LG GEN SVC SCHEDULE 25	PUMPING SCH. 30, 31, 32	ST & AREA LTG SCH. 41-48
Forecast	Total Annual Forecasted kWh's	5,703,088,059	2,376,578,850	629,198,610	1,390,329,751	1,147,942,827	18,003,210
	Present DSM Rates	\$ 0.00433	\$ 0.00597	\$ 0.00460	\$ 0.00297	\$ 0.00433	\$ 0.02017
	Present Annual DSM Revenue	\$ 24,825,615	\$ 10,290,586	\$ 3,756,316	\$ 6,395,517	\$ 3,409,390	\$ 363,125
UE-170485	Base Revenue	\$ 502,897,000	\$ 214,393,000	\$ 75,057,000	\$ 129,541,000	\$ 65,753,000	\$ 7,021,000
	Percentage of Current Base Volumetric Revenue	100.00%	42.63%	14.92%	25.76%	13.07%	1.40%
	Revenue Requirement	\$ 17,978,578					
	Revenue Spread Based on Current Allocation	\$ 17,978,578	\$ 7,664,554	\$ 2,683,289	\$ 4,631,093	\$ 2,350,671	\$ 251,001
	DSM Revenue Increase <Decrease>	\$ (6,847,037)	\$ (2,626,032)	\$ (1,073,026)	\$ (1,764,423)	\$ (1,058,719)	\$ (112,124)
	Proposed DSM Rates	\$ 0.00323	\$ 0.00426	\$ 0.00333	\$ 0.00205	\$ 0.00282	\$ 0.01394
	Percentage Increase <Decrease>	(27.6%)	(25.5%)	(28.6%)	(27.6%)	(31.1%)	(30.9%)
	Present Billed Revenue	\$ 519,238,000	\$ 220,074,000	\$ 78,692,000	\$ 131,866,000	\$ 69,157,000	\$ 6,790,000
	Proposed Billed Revenue	\$ 512,390,963	\$ 217,447,968	\$ 77,618,974	\$ 130,101,577	\$ 68,098,281	\$ 6,677,876
	Overall Billed Percentage Increase <Decrease>	(1.32%)	(1.19%)	(1.36%)	(1.34%)	(1.53%)	(1.65%)
	Present DSM Revenue as a Percentage of Billed Revenue	4.8%					
	Percentage DSM Decrease	-27.58%					
		Present	Proposed	Change			
	Gross DSM Revenue	\$ 24,825,615	\$ 17,978,578	\$ (6,847,037)			
	Revenue Conversion Factor	\$ 0.953323	\$ 0.953323				
	Net DSM Revenue	\$ 23,666,829	\$ 17,139,392	\$ (6,527,438)			

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End of July Balance	\$	6,686,198		Underfunded - Surcharge
Aug 2019 - July 2021 Expenditure Budget	\$	27,656,717		
Aug 2019 - July 2021 Forecasted Revenue	\$	(34,342,915)		
	\$	-		
Total Projected DSM Balance July 2021	\$	-		Overfunded
		Present	Proposed	
Gross Annual Revenue Recovered	\$	24,825,615	\$ 17,978,578	\$ (6,847,037)
Revenue Conversion Factor		0.953323	0.953323	
Net Annual Revenue to be Recovered	\$	23,666,829	\$ 17,139,392	\$ (6,527,438)

August 2019 - July 2020

Annual DSM Expense	\$	14,125,129
Annual DSM Revenue	\$	<u>(17,139,392)</u>
	\$	(3,014,263)

AVISTA UTILITIES
Revenue Conversion Factor
Washington - Electric System
TWELVE MONTHS ENDED DECEMBER 31, 2016

<u>Line No.</u>	<u>Description</u>	<u>Factor</u>
1	Revenues	<i>1.000000</i>
	Expense:	
2	Uncollectibles	<i>0.006183</i>
3	Commission Fees	<i>0.002000</i>
4	Washington Excise Tax	<i>0.038495</i>
5	Franchise Fees	<i>0.000000</i>
6	Total Expense	<u><u><i>0.046677</i></u></u>
7	Net Operating Income Before FIT	<i>0.953323</i>
8	Federal Income Tax @ 21%	<u><u><i>0.200198</i></u></u>
9	REVENUE CONVERSION FACTOR	<u><u><u><i>0.753125</i></u></u></u>

Source: UE-170485

Forecasted Loads

	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21			
WAD01	156,624,519.62	153,422,523.20	150,806,254.00	150,806,254.00	180,012,031.14	151,014,877.99	168,788,559.73	218,121,702.51	275,559,030.45	268,629,663.44	217,744,893.78	215,362,451.11	175,004,830.28	156,817,550.78	153,447,790.65	157,085,668.88	185,505,048.18	152,371,883.51	169,934,455.10	217,126,356.14	278,188,137.58	275,640,088.95	224,332,745.51	217,609,548.22	176,817,245.55	158,911,030.19	153,582,074.30	184,262,168.91				
WAD11	40,592,892.22	42,209,898.68	50,192,965.00	49,711,718.43	41,932,287.82	43,994,957.17	49,009,704.35	55,983,156.25	54,534,100.43	46,963,116.17	47,841,484.99	42,297,827.27	41,858,882.59	43,048,875.91	50,807,987.74	43,664,678.42	44,726,369.49	49,820,311.33	56,212,987.60	54,992,725.78	47,267,949.88	48,414,716.29	42,700,980.48	42,118,473.89	43,822,376.46	41,598,859.11	43,622,376.46	41,598,859.11				
WAD12	4,125,878.84	3,309,668.99	4,391,895.21	4,329,456.98	5,977,999.97	4,493,209.81	5,807,270.15	6,988,284.65	7,078,723.00	5,865,938.78	5,844,343.43	4,837,625.27	4,326,070.72	4,118,819.92	4,327,420.74	4,411,087.19	3,996,964.63	4,683,034.66	5,700,389.51	7,106,109.88	7,205,003.01	6,196,883.70	6,009,745.36	4,987,832.27	4,491,248.91	4,285,910.65	4,695,163.81					
WAD21	106,030,528.07	113,919,296.48	126,099,023.40	121,913,771.30	106,696,715.53	115,237,075.88	116,594,981.57	121,076,984.94	117,465,283.31	103,987,532.98	110,048,979.09	103,306,839.59	106,546,540.60	110,937,684.42	125,379,440.31	119,447,051.43	107,711,320.18	116,564,512.57	117,382,491.21	121,013,399.60	116,330,391.62	103,211,480.18	109,243,223.16	102,643,754.72	108,689,172.57	111,913,340.13	108,050,587.70					
WAD22	2,282,518.84	2,201,515.21	2,500,732.22	2,440,368.08	2,104,374.56	2,336,959.71	2,699,129.15	3,205,165.58	3,190,170.53	2,684,182.27	2,877,075.20	2,340,787.28	2,253,094.93	2,216,584.15	2,482,346.85	2,412,807.04	2,116,148.94	2,349,159.77	2,845,681.03	3,116,440.30	3,116,317.47	2,685,570.80	2,656,055.55	2,310,314.73	2,234,304.42	2,208,742.88	2,472,027.21					
WAD25	94,315,785.08	96,055,580.24	93,099,792.48	99,256,250.53	97,718,562.22	96,401,446.02	96,489,734.75	94,307,352.57	96,007,245.06	94,786,165.54	92,665,864.33	95,487,159.04	94,727,900.87	95,953,694.60	94,087,411.29	96,186,324.61	98,007,423.59	95,483,887.64	96,235,516.49	93,674,724.95	94,800,175.30	91,664,760.23	95,160,123.71	94,224,978.89	95,763,709.52	94,257,388.52						
WAD31	12,024,162.37	17,662,198.35	23,982,643.04	24,448,305.78	17,686,778.74	10,762,273.81	3,900,991.67	3,861,678.98	3,460,140.72	4,146,977.98	6,259,576.78	11,751,280.90	17,609,307.94	23,844,486.87	24,671,470.29	18,514,947.81	11,441,175.34	4,888,889.09	3,487,097.02	3,868,784.60	3,519,880.05	4,050,218.00	5,911,727.71	11,365,819.58	17,631,864.92	23,623,860.86						
WAD32	703,026.21	1,093,026.15	1,708,950.80	1,697,958.87	1,075,044.86	585,348.32	294,630.16	283,119.12	297,982.26	258,753.38	270,334.42	404,015.04	601,125.11	1,962,907.98	1,867,197.20	1,856,423.62	1,908,809.01	604,872.45	297,219.91	280,192.74	298,511.62	297,291.38	297,704.99	300,606.29	673,804.08	1,037,362.43	1,691,445.42					
WAD4X	1,511,923.90	1,513,801.19	1,514,676.97	1,512,358.43	1,515,052.00	1,500,133.41	1,498,306.25	1,523,830.54	1,518,395.12	1,480,773.11	1,486,086.61	1,493,652.11	1,489,472.88	1,492,715.30	1,492,527.23	1,487,036.33	1,490,798.32	1,479,472.27	1,478,952.75	1,496,245.88	1,493,390.91	1,486,506.64	1,466,773.94	1,471,495.38	1,488,481.32	1,471,511.61	1,470,862.80					
	418,212,505	428,360,475	494,296,966	494,312,157	423,661,464	444,013,178	495,399,089	563,317,015	552,324,120	476,359,494	480,337,957	431,401,700	420,263,919	429,887,189	491,610,537	487,684,419	425,968,073	445,756,939	495,573,874	564,885,546	557,839,688	483,826,393	481,381,746	432,374,091	422,137,217	431,956,893	490,322,404					
WAD01	-	-	156,624,520	153,422,523	190,806,254	189,012,031	168,788,559	218,121,703	275,559,030	268,629,663	217,744,894	215,362,451	175,004,830	156,817,551	153,447,791	187,085,669	185,505,048	152,371,884	169,934,455	217,126,355	278,188,138	275,640,089	224,332,746	217,609,548	176,817,246	158,911,030	153,582,074	184,262,169				
WAD11	-	-	40,592,892	42,209,899	50,192,965	49,711,718	43,994,958	49,009,705	55,983,156	54,534,100	46,963,117	47,841,485	42,297,828	41,858,883	50,807,988	43,664,678	44,726,370	49,820,311	56,212,988	54,992,726	47,267,950	48,414,717	42,700,981	42,118,474	43,822,377	41,598,860	43,622,377	41,598,860				
WAD12	-	-	4,125,879	3,309,669	4,391,896	4,329,457	5,978,000	4,493,210	5,807,271	6,988,285	7,078,724	5,865,939	4,837,626	4,118,820	4,327,421	4,411,088	3,996,965	4,683,035	5,700,390	7,106,110	7,205,003	6,196,884	6,009,746	4,987,833	4,491,249	4,285,911	4,695,164					
WAD21	-	-	106,030,528	113,919,296	126,099,023	121,913,771	106,696,716	115,237,076	116,594,982	117,465,283	103,987,533	110,048,980	103,306,840	106,546,541	110,937,685	125,379,441	119,447,052	107,711,321	116,564,513	117,382,492	121,013,400	116,330,392	103,211,481	109,243,224	102,643,755	108,689,173	111,913,341	108,050,588				
WAD22	-	-	2,282,519	2,201,516	2,500,732	2,440,369	2,336,960	2,699,130	3,205,166	3,190,171	2,684,183	2,877,076	2,340,788	2,253,095	2,216,585	2,482,347	2,412,808	2,116,149	2,349,160	2,845,682	3,116,441	3,116,318	2,685,571	2,656,056	2,310,315	2,234,305	2,208,743	2,472,028				
WAD25	-	-	94,315,785	96,055,580	93,099,792	99,256,251	97,718,562	96,401,446	96,489,735	94,307,353	96,007,246	94,786,166	92,665,864	95,487,160	94,727,901	96,186,325	98,007,424	95,483,888	96,235,517	93,674,725	94,800,175	91,664,761	95,160,124	94,224,979	95,763,710	94,257,389						
WAD31	-	-	12,024,162	17,662,198	23,982,643	24,448,306	17,686,779	10,762,274	3,900,992	3,861,679	3,460,141	4,146,978	6,259,577	11,751,281	17,609,308	23,844,487	24,671,471	18,514,948	11,441,175	4,888,890	3,487,097	3,868,785	4,050,219	5,911,728	11,365,820	17,631,865	23,623,861					
WAD32	-	-	703,026	1,093,026	1,708,951	1,697,959	1,075,045	585,348	294,630	283,119	297,982	258,753	270,334	404,015	601,125	1,962,908	1,867,197	1,856,424	1,908,809	604,872	297,220	280,193	298,512	297,291	297,705	300,606	673,804	1,037,362	1,691,445			
WAD4X	-	-	1,511,923	1,513,801	1,514,677	1,512,358	1,515,052	1,500,133	1,498,306	1,523,831	1,518,395	1,480,773	1,486,087	1,493,652	1,489,473	1,492,527	1,487,036	1,490,798	1,479,472	1,478,953	1,496,246	1,493,391	1,486,507	1,466,774	1,471,495	1,488,481	1,471,511	1,470,863				
Totals	-	-	418,212,505	428,360,475	494,296,966	494,312,157	423,661,464	444,013,178	495,399,089	563,317,015	552,324,120	476,359,494	480,337,957	431,401,700	420,263,919	429,887,189	491,610,537	487,684,419	425,968,073	445,756,939	495,573,874	564,885,546	557,839,688	483,826,393	481,381,746	432,374,091	422,137,217	431,956,893	490,322,404			
WAD01	-	-	156,624,520	153,422,523	190,806,254	189,012,031	168,788,559	218,121,703	275,559,030	268,629,663	217,744,894	215,362,451	175,004,830	156,817,551	153,447,791	187,085,669	185,505,048	152,371,884	169,934,455	217,126,355	278,188,138	275,640,089	224,332,746	217,609,548	176,817,246	158,911,030	153,582,074	184,262,169				
WAD11	-	-	40,592,892	42,209,899	50,192,965	49,711,718	43,994,958	49,009,705	55,983,156	54,534,100	46,963,117	47,841,485	42,297,828	41,858,883	50,807,988	43,664,678	44,726,370	49,820,311	56,212,988	54,992,726	47,267,950	48,414,717	42,700,981	42,118,474	43,822,377	41,598,860	43,622,377	41,598,860				
WAD12	-	-	4,125,879	3,309,669	4,391,896	4,329,457	5,978,000	4,493,210	5,807,271	6,988,285	7,078,724	5,865,939	4,837,626	4,118,820	4,327,421	4,411,088	3,996,965	4,683,035	5,700,390	7,106,110	7,205,003	6,196,884	6,009,746	4,987,833	4,491,249	4,285,911	4,695,164					
WAD21	-	-	106,030,528	113,919,296	126,099,023	121,913,771	106,696,716	115,237,076	116,594,982	117,465,283	103,987,533	110,048,980	103,306,840	106,546,541	110,937,685	125,379,441	119,447,052	107,711,321	116,564,513	117,382,492	121,013,400	116,330,392	103,211,481	109,243,224	102,643,755	108,689,173	111,913,341	108,050,588				
WAD22	-	-	2,282,519	2,201,516	2,500,732	2,440,369	2,336,960	2,699,130	3,205,166	3,190,171	2,684,183	2,877,076	2,340,788	2,253,095	2,216,585	2,482,347	2,412,808	2,116,149	2,349,160	2,845,682												

**AVISTA UTILITIES
WASHINGTON ELECTRIC
PROPOSED INCREASE BY SERVICE SCHEDULE
12 MONTHS ENDED DECEMBER 31, 2016
(000s of Dollars)**

Source: UE-170485 Compliance Filing, Attachment 1, Page 1

No.	Type of Service (a)	Schedule Number (b)	Base Tariff Revenue Under Present Rates(1) (c)	Total General Increase (d)	Base Tariff Revenue Under Proposed Rates(1) (e)	Base Tariff Percent Increase (f)	Total Billed Revenue at Present Rates (2) (g)	Total General Increase (h)	Percent Increase on Billed Revenue (k)
1	Residential	1	\$209,489	\$4,904	\$214,393	2.3%	\$227,178	\$4,904	2.2%
2	General Service	11/12	\$73,766	\$1,291	\$75,057	1.8%	\$77,451	\$1,291	1.7%
3	Large General Service	21/22	\$126,766	\$2,775	\$129,541	2.2%	\$133,184	\$2,775	2.1%
4	Extra Large General Service	25	\$64,348	\$1,405	\$65,753	2.2%	\$67,050	\$1,405	2.1%
5	Pumping Service	30/31/32	\$10,894	\$238	\$11,132	2.2%	\$11,443	\$238	2.1%
6	Street & Area Lights	41-48	<u>\$6,871</u>	<u>\$150</u>	<u>\$7,021</u>	2.2%	<u>\$7,223</u>	<u>\$150</u>	2.1%
7	Total		\$492,134	\$10,763	\$502,897	2.2%	\$523,529	\$10,763	2.1%

(1) Excludes all present rate adjustments: Schedule 59 (BPA Residential Exchange), Schedule 91 (DSM), Schedule 92 (LIRAP), Schedule 93 (ERM), and Schedule 98 (REC Revenue).

(2) Includes all present rate adjustments: Schedule 59 (BPA Residential Exchange), Schedule 91 (DSM), Schedule 92 (LIRAP), Schedule 93 (ERM), and Schedule 98 (REC Revenue).