BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. UE-19_____

ELECTRIC WORKPAPERS

JOSEPH D. MILLER

REPRESENTING AVISTA CORPORATION

WORK PAPER REFERENCE	ШШ	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
JDM-E-10 JDM-E-10 JDM-E-10	PRESENT BILL DETERMINANTS KILOWATT HOURS (KWHS) BLOCK 1 BLOCK 2 BLOCK 3 BLOCK 3		1,605,882,414 487,014,728 273,738,140	430,539,202 192,163,371	1,232,886,422 147,453,504	138,000,000 561,355,023 414,208,989	47,992,445 97,815,247	
JDM-E-20	BLUCK 4 STREET & AREA LIGHTS							18,542,032
	SUBTOTAL	5,647,591,516	2,366,635,282	622,702,573	1,380,339,926	1,113,564,012	145,807,692	18,542,032
JDM-E-10	SUBTOTAL ADJUSTMENT TO ACTUAL	5,647,591,516 0	2,366,635,282 0	622,702,573 0	1,380,339,926 0	1,113,564,012 0	145,807,692 0	18,542,032 0
JDM-E-3	TOTAL BEFORE ADJUSTMENT WEATHER & UNBILLED ADJ, KWHS	5,647,591,516 (9,748,691)	2,366,635,282 8,068,407	622,702,573 (3,396,621)	1,380,339,926 (14,435,302)	1,113,564,012 0	145,807,692 14,825	18,542,032 0
	TOTAL PROFORMA KWHS	5,637,842,825	2,374,703,689	619,305,952	1,365,904,624	1,113,564,012	145,822,517	18,542,032
JDM-E-10 JDM-E-10	TOTAL BILLS MINIMUM BILLS EXCESS DEMAND		2,587,975	386,800 433,207	22,787 2,634,662	276 1,279,394	29,446	
	PROPOSED BILL DETERMINANTS KILOWATT HOURS (KWHS) BLOCK 1 BLOCK 2 BLOCK 2 BLOCK 3 SLOCK 4 STREET & AREA LIGHTS	-00.	1,605,882,414 487,014,728 273,738,140 0	430,539,202 192,163,371 0 0	1,232,886,422 147,453,504 0 0	138,000,000 561,355,023 414,208,989 0	47,992,445 97,815,247 0 0	0 0 18,542,032
	SUBTOTAL	5,647,591,516 0	2,366,635,282 0	622,702,573 0	1,380,339,926 0	1,113,564,012 0	145,807,692 0	18,542,032 0
	SUBTOTAL ADJUSTMENT TO ACTUAL	5,647,591,516 0	2,366,635,282 0	622,702,573 0	1,380,339,926 0	1,113,564,012 0	145,807,692 0	18,542,032 0
	TOTAL BEFORE ADJUSTMENT WEATHER & UNBILLED ADJ, KWHS	5,647,591,516 (9,748,691)	2,366,635,282 8,068,407	622,702,573 (3,396,621)	1,380,339,926 (14,435,302)	1,113,564,012 0	145,807,692 14,825	18,542,032 0
	TOTAL PROFORMA KWHS	5,637,842,825	2,374,703,689	619,305,952	1,365,904,624	1,113,564,012	145,822,517	18,542,032
	TOTAL BILLS MINIMUM BILLS EXCESS DEMAND		2,587,975	386,800 433,207	22,787 2,634,662	276 1,279,394	29,446	

WORK PAPER REFERENCE	E	TOTAL	RESIDENTIAL SCHEDULE 1	GENERAL SVC, LG. GEN, SVC, SCH, 11,12 SCH, 21,22	LG. GEN. SVC. SCH. 21,22	EX LG GEN SVC SCHEDULE 25	PUMPING SCH, 30, 31, 32	ST & AREA LTG SCH. 41-48
JDM-E-21	PRESENT RATES BASIC CHARGE MONTHLY MINIMUM		00.6\$	\$20.00			\$20,00	
JDM-E-21 JDM-E-21 JDM-E-21	BLOCK 1 PER KWH BLOCK 2 PER KWH BLOCK 3 PER KWH BLOCK 4 PER KWH		7.533¢ 8,765¢ 10,276¢	11.349¢ 8,341¢	7.189¢ 6.430¢	5.505¢ 4.953¢ 4.235¢	9,712¢ 6,936¢	
	ADJUST TO ACTUAL PER KWH		8.104¢	10.421¢	7.108¢		7,850¢	
JDM-E-21 JDM-E-21	DEMAND BLOCK 1 DEMAND BLOCK 2			\$6.50	\$500.00 \$6,50	\$24,000,00 \$6.50		
	PROPOSED RATES BASIC CHARGE MONTHLY MINIMUM		00'6\$	\$20.00			\$20.00	
	BLOCK 1 PER KWH BLOCK 2 PER KWH BLOCK 3 PER KWH BLOCK 4 PER KWH		8.379¢ 9.750¢ 11.430¢	12.274¢ 9.021¢	7.856¢ 7.024¢	5.92¢ 5.392¢ 4.610¢	10.643¢ 7.602¢	
	ADJUST TO ACTUAL PER KWH		9.014¢	11.270¢	7.767¢		8,603¢	
	DEMAND BLOCK 1 DEMAND BLOCK 2			\$7,00	\$550.00 \$7.00	\$26,500,00 \$7,00		

Note: Rates do not include BPA Residential Exchange Program Schedule 59, , Decoupling Schedule 75, Public Purpose Adjustment Schedules 89,91,92, REC Revenue Adjustment Schedule 98 or Power Cost Surcharge Schedule 93.

WORK PAPER REFERENCE	ШШ	TOTAL	RESIDENTIAL SCHEDULE 1	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
	PRESENT REVENUE BASE TARIFF REVENUE BASIC CHARGE	\$31,616,695	\$23,291,775	\$7,736,000			\$588,920	
	MONTHLY MINIMUM BLOCK 1 BLOCK 2 BLOCK 3	0 270,723,147 102,784,828 45,671,082	120,971,122 42,686,841 28,129,331	48,861,894 16,028,347	88,632,205 9,481,260	7,596,900 27,803,914 17,541,751	4,661,026 6,784,466	
JDM-E-22/23	BLOCK 4 DEMAND BLOCK 1 DEMAND BLOCK 2 3 POWER FACTOR ADJUSTMENT	0 18,017,500 28,257,215 124,563		2,815,845 5,645	11,393,500 17,125,306 115,739	6,624,000 8,316,064	3,180	
JDM-E-29/8 JDM-E-11		(1,296,719) 102,310 6,424,019			(55,488)	(1,241,231) 102,310		6,424,019
	SUBTOTAL	\$502,424,641 0	\$215,079,069 0	\$75,447,731 0	\$126,692,522 0	\$66,743,708 0	\$12,037,591 0	\$6,424,019
	SUBTOTAL ADJUST TO ACTUAL	\$502,424,641 0	\$215,079,069 0	\$75,447,731 0	\$126,692,522 0	\$66,743,708 0	\$12,037,591 0	\$6,424,019 0
	TOTAL BASE TARIFF REVENUE	\$502,424,641	\$215,079,069	\$75,447,731	\$126,692,522	\$66,743,708	\$12,037,591	\$6,424,019
JDM-E-15 JDM-E-5/6	ADJUSTMENT REVENUE UNBILLED REVENUE ADJUSTMENT UNBILLED LOAD KWHS UNBILLED LOAD RATE	(39,319,785)	(21,516,898) 8₌104¢	(4,974,918) 10.421¢	(12,842,794) 7.108¢		14,825 7 850¢	
	UNBILLED LOAD REVENUE	(\$3,173,801)	(\$1,743,686)	(\$518,423)	(\$912,856)		\$1,164	
JDM-E-17 JDM-E-5/6	WEATHER-SENSITIVE KWHS WEATHER-SENSITIVE RATE WEATHER-SENSITIVE REVENUE	o 'os	0 9.259¢ \$0	0 8.341¢ \$0	0 6.430¢ \$0			
JDM-E-15	TOTAL UNBILLED KWH ADJUST TOTAL UNBILLED REVENUE ADJ	(39,319,785) (\$3,173,801)	(21,516,898) (\$1,743,686)	(4,974,918) (\$518,423)	(12,842,794) (\$912,856)		14,825 \$1,164	0
JDM-E-17 JDM-E-5/6	WEATHER NORMALIZATION ADJ WEATHER-SENSITIVE KWHS WEATHER-SENSITIVE RATE WEATHER-SENSITIVE REVENUE	29,571,094 \$2,768,461	29,585,305 9,259¢ \$2,739,214	1,578,297 8.341¢ \$131,646	(1,592,508) 6.430¢ (\$102,398)			
	TOTAL ADJUSTMENT REVENUE TOTAL BASE TARIFF REVENUE	(\$405,340) 502,424,641	\$995,528 215,079,069	(\$386,778) 75,447,731	(\$1,015,254) 126,692,522	66,743,708	\$1,164 12,037,591	6,424,019
	TOTAL PRESENT REVENUE	\$502,019,301	\$216,074,597	\$75,060,953	\$125,677,268	\$66,743,708	\$12,038,755	\$6,424,019

WORK PAPER REFERENCE	ΕR	TOTAL	RESIDENTIAL SCHEDULE 1	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
	PROPOSED REVENUE BASE TARIFF REVENUE							
	BASIC CHARGE MONTHLY MINIMUM	\$31,616,695 0	\$23,291,775 0	\$7,736,000			\$588,920	
	BLOCK 1	297,633,622	134,556,887	52,844,382	96,855,557	8,268,960	5,107,836	
	BLOCK 2	112,880,306	47,483,936	17,335,058	10,357,134	30,268,263	7,435,915	
	BLOCK 3 BLOCK 4	50,383,304	31,288,269 0			19,095,034		
	DEMAND BLOCK 1	19 846 850	þ		12 532 850	7 314 000		
	DEMAND BLOCK 2	30,430,847		3,032,449	18,442,637	8,955,761		
	POWER FACTOR ADJUSTMENT	124,563		5,645	115,739	•	3,180	
	PRIMARY VOLTAGE DISCOUNT	(1,296,719)			(55,488)	(1,		
JDM-E-11	ANNUAL MINIMUM ADJUSTMENT STREET & AREA LIGHT REVENUE	169,372 6,424,019				169,372		6,424,019
	SUBTOTAL	\$548,212,859 0	\$236,620,868 0	\$80,953,533 0	\$138,248,429 0	\$72,830,159 0	\$13,135,851 0	\$6,424,019 0
	SUBTOTAL ADJUST TO ACTUAL	\$548,212,859 0	\$236,620,868 0	\$80,953,533 0	\$138,248,429 0	\$72,830,159 0	\$13,135,851 0	\$6,424,019 0
	- SUBTOTAL BASE TARIFF REVENUE	\$548,212,859	\$236,620,868	\$80,953,533	\$138,248,429	\$72,830,159	\$13,135,851	\$6,424,019
	ADJUSTMENT REVENUE UNBILLED REVENUE ADJUSTMENT							
		(39,319,785)	(21,516,898)	(4,974,918)	(12,842,794) 7 7674		14,825	
			9.0146	90/Z.11	10/0/ /		0.0036	
	UNBILLED LOAD REVENUE	(\$3,496,459)	(\$1,939,539)	(\$560,680)	(\$997,516)		\$1,275	
	WEATHER-SENSITIVE KWHS	0	0	0	0			
	WEATHER-SENSITIVE RATE		10.299¢	9.021¢	7.024¢			
	WEATHER-SENSITIVE REVENUE	\$0	\$0	80	\$0			
	TOTAL UNBILLED KWH ADJUST	(39,319,785)	(21,516,898)	(4,974,918)	(12,842,794)		14,825	
	TOTAL UNBILLED REVENUE ADJ	(\$3,496,459)	(\$1,939,539)	(\$560,680)	(\$997,516)		\$1,275	
	WEATHER NORWALIZATION AUT	29,571,094	29,585,305	1,578,297	(1,592,508)			
	WEATHER-SENSITIVE RATE		10.299¢	9.021¢	7.024¢			
	WEATHER-SENSITIVE REVENUE	\$3,077,476	\$3,046,955	\$142,378	(\$111,858)			
	TOTAL ADJUSTMENT REVENUE	(\$418,983)	\$1,107,417	(\$418,302)	(\$1,109,373)		\$1,275	
	TOTAL BASE TARIFF REVENUE	548,212,859	236,620,868	80,953,533	138,248,429	72,830,159	13,135,851	6,424,019
	TOTAL PROPOSED REVENUE	\$547,793,876	\$237,728,285	\$80,535,231	\$137,139,056	\$72,830,159	\$13,137,126	\$6,424,019
	TOTAL PRESENT REVENUE	\$502,019,301	\$216,074,597	\$75,060,953	\$125,677,268	\$66,743,708	\$12,038,755	\$6,424,019
	TOTAL REVENUE INCREASE PERCENT REVENUE INCREASE	\$45,774,575 9.12%	\$21,653,687 10.02%	\$5,474,278 7.29%	\$11,461,788 9.12%	\$6,086,451 9.12%	\$1,098,371 9.12%	\$0 00:0

WORK PAPER REFERENCE	RATES	TOTAL KWHS	TOTAL REVENUE	BASELOAD KWHS	BASELOAD REVENUE	WTHR-SENS, KWHS	WTHR-SENS. REVENUE
PRESENT BASELOAD AND SCHEDULE 1 0-800 KWHS 801-1500 KWHS OVER 100 KWHS	D WEATHER-SENSITIVE RATES 7.533¢ 1 8.765¢ 10.276¢	<u>ES</u> 1,605,882,414 487,014,728 273,738,140	\$120,971,122 \$42,686,841 \$28,129,331	1,583,840,700 0	\$119,310,720 \$0	22,041,714 487,014,728 273,738,140	\$1,660,402 \$42,686,841 \$28,129,331
TOTAL AVERAGE RATE		2,366,635,282	\$191,787,294 8.104¢	1,583,840,700	\$119,310,720 7₅533¢	782,794,582	\$72,476,574 9,259¢
PROPOSED BASELOAD AI SCHEDULE 1 0-800 KWHS 801-1500 KWHS OVER 1500 KWHS	PROPOSED BASELOAD AND WEATHER-SENSITIVE RATES SCHEDULE 1 8.379¢ 1,6 0-800 KWHS 8.379¢ 1,6 801-1500 KWHS 9.750¢ 4 OVER 1500 KWHS 11,430¢ 2	.TES 1,605,882,414 487,014,728 273,738,140	\$134,556,887 \$47,483,936 \$31,288,269	1,583,840,700 0	\$132,710,012 \$0 \$0	22,041,714 487,014,728 273,738,140	\$1,846,875 \$47,483,936 \$31,288,269
TOTAL AVERAGE RATE		2,366,635,282	\$213,329,093 9.014¢	1,583,840,700	\$132,710,012 8.379¢	782,794,582	\$80,619,081 10.299¢
PRESENT BASELOAD ANE SCHEDULE 11 0-3650 KWHS over 3650 KWHS	PRESENT BASELOAD AND WEATHER-SENSITIVE RATES SCHEDULE 11 0-3650 KWHS over 3650 KWHS 8.3416	<u>ES</u> 430,539,202 192 163 371	\$48,861,894 \$16.028.347	430,539,202 100,537,198	\$48,861,894 \$48,861,894 \$83,385,808	0 91 626 173	\$0 \$7 642 539
TOTAL AVERAGE RATE		622,702,573	\$64,890,241 10.421¢	531,076,400	\$57,247,702 10,780¢	91,626,173	\$7,642,539 8.341¢
PROPOSED BASELOAD AI SCHEDULE 11 0-3650 KWHS over 3650 KWHS	PROPOSED BASELOAD AND WEATHER-SENSITIVE RATES SCHEDULE 11 12.274¢ 4 0-3650 KWHS 9.021¢ 1	. <u>TES</u> 430,539,202 192,163,371	\$52,844,382 \$17,335,058	430,539,202 100,537,198	\$52,844,382 \$9,069,461	0 91,626,173	\$0 \$8,265,597

Note: Total Base Load for Sch. 1 = Base Load per bill times total billings (base load per bill on JDM-E-18) = 663 X 2,587,975 = 1,583,840,700 Total Base Load for Sch. 11 = 1,338 X 386,800 = 531,076,400

9.021¢

\$8,265,597

91,626,173

\$61,913,842 11.658¢

531,076,400

\$70,179,439 11.270¢

622,702,573

TOTAL AVERAGE RATE

WTHR-SENS REVENUE	\$0 \$3,768,159	3,768,159 6,430¢	\$0 \$4,116,259	4,116,259 7.024¢
WTHR-SENS. KWHS	0 58,602,778	58,602,778	0 58,602,778	58,602,778
BASELOAD REVENUE	\$88,632,205 \$5,713,102	94,345,307 7_138¢	\$96,855,557 \$6,240,875	103,096,432 7.800¢
BASELOAD KWHS	1,232,886,422 88,850,726	1,321,737,148	1,232,886,422 88,850,726	1,321,737,148
TOTAL REVENUE	\$88,632,205 \$9,481,260	98,113,465 7_108¢	\$96,855,557 \$10,357,134	107,212,691
TOTAL KWHS	<u>:S</u> 1,232,886,422 147,453,504	1,380,339,926	TES 1,232,886,422 147,453,504	1,380,339,926
RATES	IER-SENSITIVE RATE 7.189¢ 6.430¢		D WEATHER-SENSITIVE RATES 7.856¢ 1.2 7.024¢ 1	
WORK PAPER REFERENCE	PRESENT BASELOAD AND WEATHER-SENSITIVE RATES SCHEDULE 21 0-250000 KWHS 7.189¢ 1 OVER 250000 KWHS 6.430¢ 1	TOTAL AVERAGE RATE	PROPOSED BASELOAD AND WEA SCHEDULE 21 0-250000 KWHS OVER 250000 KWHS	TOTAL AVERAGE RATE

Note: Total Base Load for Sch. 21 = Base Load per bill times total billings (base load per bill on JDM-E-18) = 53,800 X 22,787 = 1,321,737,148

6,000,000 Over <u>twths/mo</u> 781,607	413,427,382	414,206,959		JDM-E-7
500,000 6,000,000 61,924,320 61,924,320			Month Apri/18 Japri/18 Japri/18 Juu/18 Juu/18 Juu/18 Juu/18 Aug/18 Aug/18 Peb/18 Feb/18 Pec/18 Dec/18	
1st 500,000 6,000,000 6,000,000	6,000,000 6,000,000 6,000,000 6,000,000 6,000,000		Peak 12, 189 2, 422 2, 422 3, 550 3, 5209 3, 560 3, 560 3, 560 3, 565 3, 555 3, 5555 3, 5555 3, 5555 3, 5555 5, 5555 5, 5555 5, 5555 5, 55555	
12-mo Ended Total 68,705,927 8 207 5,456	10,404,969 15,854,476 15,854,476 15,853,475 15,053,475 24,856,869 16,067,781 12,455,703 485,425,703 485,425,703 485,447,015 11,674,005 11,674,0	1,113,564,012 (779,399,255) 869,778,298 30,148,215 (29,939,680)	1,113,564,012 Total 131,149 26,781 45,717 45,717 39,525 39,525 39,526 39,526 39,526 39,526 101,852 73,457 73,457 73,457 73,457 73,457 73,457 73,457 73,457 73,457 74,079 64,644 54,644 54,644 54,644 101,852 73,457 73,457 73,457 73,457 73,457 74,079 60,336 60,336 60,336 60,336 60,336 73,457 73,457 73,457 73,457 73,457 74,079 60,381 101,159 74,079 51,159 101,15	95,149 93,17 24,983 24,983 331 4,436 20,427 2,525
Dec 18 6,083,616 720,944	812,217 1,563,640 1,366,155 1,306,220 1,706,474 1,706,474 1,106,477 1,169,177 1,169,177 1,169,177 1,126,177 6,382,110 3,093,192 875,426 1,091,280 1,091,280 1,091,280 1,091,280 1,091,280 2,255,610 2,210,710 2,21			7,617 7,617 7,45 2,190 121 121 1,773
Nov 18 4,774,253	836,098 836,098 1,2325,176 1,2325,176 1,235,175 1,1265,715 1,166,715 1,166,715 3,553,724 859,767 859,715 3,553,724 856,415 856,415 856,415 856,415 1,110,094 1,110,094 1,110,094 2,273,819 2,273,507 3,122,507 3,122,507 1,176 2,273,819 2,273,517 85,422 1,176 2,273,517 2,208,499 2,273,517 2,208,499 2,273,517 2,208,499 2,273,517 2,208,499 2,273,517 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,207,409 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,208,499 2,209,577 2,300,597 2,300,597 2,500,597 2,500,597 2,500,597 2,500,597 2,500,597		B8,922,600 -0 10,440 3,710 3,710 3,710 5,145 5,145 5,145 5,145 5,145 5,142 5,108 5,142 5,108 5,142 5,108 5,168 5,168 5,168 5,168 5,168 5,168 5,17855555555555555555555555555555555555	2,145 2,145 1,699 35
Oct 18 6,027,206	873,928 873,928 1,237,068 1,237,002 1,237,002 1,238,765 1,649,124 1,378,912 1,076,834 1,379,535 5,821,581 1,042,831 1,042,831 1,042,831 1,042,831 1,042,831 1,042,831 1,042,831 2,356,033 3,815,254 2,356,033 2,366,033 3,367,033 2,366,033 3,376,035 3,376,035,035,035,035,035,035,035,035,035,035		95,120,661 -0 11,925 2,275 2,2	0000 8,925 623 2,221 1,196 1,196
Sep 18 5,214,997	779,045 2,772,045 2,772,046 1,290,367 1,395,550 1,335,550 1,335,550 1,335,550 1,335,550 1,355,550 1,355,550 3,387,778 962,224 9,857,000 978,520 978,520 978,520 978,620 978,520 978,620 978,520 978,600 977,000 978,6000 978,6000 978,6000 978,6000 978,6000 978,60000 978,6000000000000000000000000000000000000		89,411,354 10,717 2,129 2,129 2,129 3,155 5,010 2,129 3,155 5,155 3,155 5,558 5,5	2,115 2,117 2,117 2,110 2,110
Aug 18 6,286,132 817,400	81,365 81,365 2,977,010 1,312,517 2,040,340 1,516,808 1,312,517 1,131,644 1,132,200,340 1,500,340 1,131,644 1,131,644 1,131,644 1,131,644 1,131,644 1,131,648 5,131,068 5,132,068,068,068,068,068,068,068,068,068,068	96,727,949 96,462,593 (96,141,639) 98,894,442 2,433,674 (2,921,121)	98,727,949 98,727,949 11,528 2,309 2,309 2,309 2,309 2,309 2,309 2,309 2,309 2,516 1,040 8,512 8,512 8,512 8,512 8,512 8,512 8,512 8,512 8,512 8,512 8,512 8,512 8,512 10,983 8,515 10,983 8,515 10,983 8,515 10,983 8,515 10,983 8,515 10,983 10,993 1	Aug 18 8,528 596 2,017 885 2,335 545 545
Jul 18 6,205,584 773 060	761,783 2,818,183 1,254,392 1,254,392 1,995,696 1,500,584 1,500,584 1,500,584 1,500,584 1,565,584 1,565,584 1,565,584 1,565,584 1,565,584 1,565,584 1,565,584 1,520,555 1,520,123 1,520,12	95,462,593 91,430,986 (94,046,228) 95,141,639 2,921,121 15,075	95,462,593 Jul 18 10,980 2,143 2,3113 2,143 2,3113 2,312 2,312 2,313 2,3	7,980 655 1,928 912 1,822 650
Jun 18 5,771,216 762 734	891,303 891,303 1,251,469 1,258,104 1,258,104 1,812,079 1,832,589 1,3658,628 3,911,494 1,052,801 1,052,801 1,043,066 8,983,580 3,911,494 1,443,066 8,983,580 1,443,066 1,443,066 2,045,484 2,2045,580 2,2045,5800,5800,58000		91,430,986 Jun 18 11,271 11,271 2,285 3,937 4,119 3,5612 5,337 4,587 8,868 8,868 8,868 8,480 8,40000000000	Jun 18 8,271 8,30 1,971 694 1,119 260
May 18 6,179,069	860,024 896,024 896,024 1,226,068 1,1296,684 1,1296,884 1,1463,328 39,613,328 39,613,328 39,613,328 4,044,789 4,044,789 4,044,789 1,452,445 1,452,445 1,452,445 1,452,445 1,452,445 1,452,445 1,452,445 1,452,445 1,452,445 1,452,445 1,452,445 1,452,445 2,556,544 2,256,544 2,2556,544	94,067,377 50,375,928 (49,900,218) 92,404,792 92,404,792 (3,075,877) (3,075,877)	94,067,377 -0 May 18 10,398 2,297 2,297 2,297 2,297 2,297 3,977 4,152 3,863 3,872 6,005 6,005 3,972 5,005 6,005 3,972 5,005 6,005 3,972 5,005 6,005 3,972 5,005 6,005 5,005 6,005 5,005 6,005 5,005 6,007 5,005 6,007 5,005 6,007 5,005 6,007 5,005 6,007 5,005 6,007 5,	May 18 7,398 1,997 1,997 858 1,723 1,723
Apr 18 5,938,930 607 607	876,387 3,000,388 3,000,388 1,259,812 1,259,812 1,213,343 1,243,343 1,243,343 1,243,343 1,243,343 1,243,343 1,243,343 1,243,345 881,156 882,106 882,107 882,107 882,107 882,106 882,107 883,105 833,005 843,00		92,496,437 Apr 18 12,189 12,189 5,016 5,016 5,016 6,1994 6,1994 6,1994 6,1994 6,1994 6,1994 6,2368 9,187 7,026 6,2368 9,177 7,026 6,2368 9,177 7,026 6,2368 6,2368 6,2368 6,2368 6,2368 7,777 5,374 5,374 5,374	Apr 18 9,189 862 862 2,016 450 1,815 35
Mar 18 5,598,083	951,957 951,957 3,192,966 1,241,335 1,243,335 1,243,335 1,244,269 1,344,677 1,344,677 1,345,586 1,369,562 3,190,862 882,349 982,349 982,349 3,310,346 2,366,542 3,210,346 2,259,040 2,259,040			Mar 16 7,877 932 2,153 2,153 1,435
Feb 18 5,209,483	855,377 885,377 885,377 1,1550,940 1,1550,972 1,550,972 1,550,972 1,273,124 1,273,124 1,273,124 817,297 817,207 817,20		87,055,588 Feb 18 10,080 2,084 3,168 5,229 8,559	7,809 7,809 968 166 1 880 1380
minants Jan 18 5,417,357	900,000 900,000 1,461,407 1,494,359 1,249,359 2,567,108 1,342,451 1,342,451 1,342,451 1,342,451 1,342,451 3,200,660 891,570 801,5700 801,5700 801,5700 801,5700 801,5700 801,5700 8010		93,238,369 Jan 18 9,337 9,337 9,347 5,107 5,107 5,107 2,258 8,442 8,653 8,653 8,653 8,653 8,653 8,653 8,653 8,533 4,510 1,778 8,533 8,533 4,510 1,778 8,533 4,510 1,778 8,533 4,510 1,778 8,533 4,510 1,778 8,533 4,510 1,778 8,533 4,510 1,778 8,533 4,510 1,778 8,533 4,510 1,778 8,533 4,510 1,778 8,547 8,547 1,778 8,547 1,778 8,547 1,778	Jan 18 6,397 2,107 45 1,475 1,475 62
Washington Schedule 25 Billing Determinants KWHs Acct No, Jan 1 5,417 5,412		Schedule 25 Total Revenue Run Total Booked Unbilled Reversal Gross Unbilled True-up Unbilled Reversal True-up	Adj Revenue Runs, Sch 25 KVA Schedule 25 Total	NVA III EXCESS OF 3, UU
Washin KWHs	100 m a m a n a a a a a a a a a a a a a a a	ន និងចំចំភី		- 2 2 0 0 7 4 5 0 M

13,845 701,069 65,399 71,852 42,079	37,457 4,243 20,159 15,800 68,642 28,642 28,542 28,542 28,542 28,644 28,644	1,279,394 Total	485,427,382	118,788 622.947 741,735	/3/,069 \$ 24,976,461 \$	(238,439,11) (130,666,61) (872,125,49) (1,241,231,21)
1,103 57,857 5,210 6,107 2,041	3,329 1,869 1,513 4,322 2,915 2,915	102,528 Dec 18	41,299,864	9,078 52,128 61,206		(19,158,51) (9,986,11) (72,979,48) (102,124,10)
1,200 57,588 5,147 6,182 2,024	2,858 1,793 1,391 4,264 2,781 2,306	100,806 Nov 18	39,553,724	10,280 51,696 61,976		(18,994,89) (11,306,14) (72,374,40) (102,677,43)
1,143 58,097 5,207 6,166 3,467	3,413 125 1,784 1,457 1,457 2,359 2,059 2,059	104,853 Oct 18	41,469,272	9,294 51,408 60,702		(19,664,69) (10,222,94) (71,971,20) (101,858,82)
1,110 56,942 6,558 5,913 4,510	2,921 607 1,598 1,598 6,516 6,616 3,990	109,398 Sep 18	38,387,778	11,690 50,976 62,666		(20,436.21) (12,858.97) (71,366.40) (104,661.58)
1,195 58,040 5,557 5,889 5,512	3,290 875 1,448 1,134 7,983 2,151 2,016 4,163	114,159 Aug 18	41,162,272	9,133 51,408 60,541		(21,262.31) (10,046.23) (71,971.20) (103,279.74)
1,239 59,813 5,624 5,953	3,247 950 1,523 984 7,739 1,695 3 845	113,399 Jul 18	40,571,988	8,958 52,849 61,807		(20,835,43) (9,854,27) (73,988,29) (104,677,99)
1,106 56,397 5,868 4,476	3,222 760 1,414 937 6,601 1,957 1,587 2,612	105,563 Jun 18	39,658,628	8,784 50,544 59,328		(20,187,90) (9,662,73) (70,761,60) (100,612,23)
1,152 58,518 5,483 6,378 6,378	3,003 683 1,478 972 6,327 2,025 1,795 2,695	108,303 May 18	39,613,368	13,525 51,840 65,365		(20,244.36) (14,877.17) (72,576.00) (107,697.53)
1,176 58,994 5,225 6,184 4,026	3,208 177 1,753 1,753 1,753 1,753 6,091 2,574 2,335 2,335	110,353 Apr 18	40,858,220	9,427 51,985 61,411		(20,360,97) (10,369,15) (72,778,72) (103,508,84)
1,123 60,189 5,903 2,189	3,149 1,637 1,637 4,410 2,289 1,136	104,132 Mar 18	42,012,008	9,266 53,136 62,402	63,189 2,156,307 2,156,307	(19,089,19) (10,192,60) (74,390,40) (103,672,19)
1,117 59,379 5,852 2,122	2,809 1,641 4,585 2,616 2,011	103,695 Feb 18	38,726,690	9,738 52,705 62,443	62,379 \$ 2,006,500 \$ 2,006,500	(19,206.63) (10,711.80) (73.787.00) (103,705.43)
1,180 59,256 5,442 5,658 2,071	3,009 65 1,777 1,577 5,308 5,308 2,683 1,817	102,204 Jan 18	42,113,570	9,615 52,272 61,887	62,256 \$ 2,156,736 2,156,736	(18,998,04) (10,576,50) (73,180,80) (102,755,34)
8 6 0 - N	0 ¥ 0 0 N M 0 C -		4.16 KV 115 KV Totai	9 KVA 4.16 KV 115 KV Total	Calc Revenue for 9 Revenue for 9 per Handbill Report	Primary Voltage Discount -0.20 -0.20 -0.20 -1.10 -1.15 -1.40 -1.40
802226	2449678688		8.00			

AVISTA UTILITIES WASHINGTON ELECTRIC PRESENT & PROPOSED RATE OF RETURN BY RATE SCHEDULE 12 MONTHS ENDED DECEMBER 31, 2018

Total Rate Base	Total 1,708,298,000	Sch 1 840,178,460	Sch 11 201,601,399	Sch 21 395,136,410	Sch 25 191,034,813	Sch 31 45,525,655	Schs 41-48 34,821,263
Total Rate base	1,700,230,000	040,170,400	201,001,000	000,100,410	101,004,010	10,020,000	0 1,02 1,200
Revenue From Retail Rates	502,019,000	216,074,000	75,061,000	125,677,000	66,744,000	12,039,000	6,424,000
Other Operating Revenues	48,575,000	22,107,483	5,382,483	11,445,623	8,193,390	1,176,929	269,092
Total Revenues	550,594,000	238,181,483	80,443,483	137,122,623	74,937,390	13,215,929	6,693,092
Total Operating Exp b4 conv items & taxes	425,283,000	208,555,116	49,012,518	93,860,443	59,475,125	10,368,571	4,011,227
Revenue Related conversion items	23,372,000	10,059,543	3,494,540	5,851,019	3,107,334	560,488	299,076
Income Taxes	8,033,000	-280,376	3,149,654	3,772,644	1,030,543	154,590	205,945
Total Expenses	456,688,000	218,334,283	55,656,712	103,484,106	63,613,002	11,083,649	4,516,248
Net Operating Income	93,906,000	19,847,200	24,786,771	33,638,517	11,324,388	2,132,280	2,176,844
Present Rate of Return	5.50%	2.36%	12.29%	8.51%	5.93%	4.68%	6.25%
Present Return Ratio	1.00	0.43	2.24	1.55	1.08	0.85	1.14
Interest Expense	43,903,000	21,592,460	5,181,125	10,154,946	4,909,566	1,170,002	894,901
Proposed Misc Revenue Increase	0						
Proposed Rate Revenue Increase	45,775,000	9.12%					
Proposed Rev Increase	45,775,000						
		<u>change</u>					
Proposed Rate Revenues	547,7 9 4,000	45,775,000		Uncollectibles	0.003782		
incremental conversion expenses	2,031,000			Commiss Fees	0.002000		
incremental Income Taxes	9,186,000			Excise Tax	0.038587		
Proposed Return	128,464,000	34,558,000		Federal Inc Tax	0.200683		
Proposed Return %	7.52%						
Allocation of incremental Misc Rev	0.00000	0.00000	0.00000	0,00000	0.00000	0.00000	0,00000
Target Relative Return	1.00	0.59	1.88	1.41	1.11	0.87	0.81
Target Return %	7.52%	4.42%	14,11%	10,60%	8.34%	6.52%	6.12%
Target Return (NOI b4 Interest)	128,464,000	37,100,230	28,435,917	41,898,755	15,927,365	2,969,686	2,132,046
Target Return after Interest Expense	84,561,000	15,507,770	23,254,792	31,743,809	11,017,799	1,799,684	1,237,145
Target Return b4 Income Taxes & Interest	145,683,000	40,258,049	33,171,247	48,362,689	18,170,900	3,336,152	2,383,963
Target Return b4 Misc Rev	97,108,000	18,150,566	27,788,764	36,917,066	9,977,510	2,159,223	2,114,871
Total Operating Exp b4 conv items & taxes	425,283,000	208,555,116	49,012,518	93,860,443	59,475,125	10,368,571	4,011,227
Conversion Items	25,403,000	11,024,318	3,734,718	6,359,491	3,377,365	609,206	297,902
Incremental Rate Revenue	45,775,000	21,656,000	5,475,000	11,460,000	6,086,000	1,098,000	0
Target Rate Revenue	547,794,000	237,730,000	80,536,000	137,137,000	72,830,000	13,137,000	6,424,000
Change in Rate Revenue	9.12%	10.02%	7.29%	9.12%	9.12%	9.12%	0.00%
Incremental Rate Revenue - rounded	45,776,000	21,657,000	5,475,000	11,460,000	6,086,000	1,098,000	0
Target Rate Revenue - rounded	547,794,000	237,730,000	80,536,000	137,137,000	72,830,000	13,137,000	6,424,000
Total Present Billed Revenue	\$ 519,237,980	\$ 220,074,329	\$ 78,691,631	\$ 131,866,134	\$ 69,157,141	\$ 12,658,501	\$ 6,790,245
% of Present Billed Revenue	8.8%	9.8%	7.0%	8.7%	8.8%	8.7%	0.0%
Movement towards Unity		27.61%	29.19%	25.26%	-38_68%	10,41%	235.38%

AVISTA UTILITIES WASHINGTON ELECTRIC ACTUAL / PRO FORMA BILLING DETERMINANTS BY RATE SCHEDULE 12 MONTHS ENDED DECEMBER 31, 2016

<u>Schedule 1, 2</u> kWhs per billing run(1) Total kWhs per Rev. Run(2) Adjust. kWhs to Actual	<u>0-800 kWhs</u> 1,605,882,414	801-1500 kWhs 487,014,728	over 1500 kWhs 273,738,140	<u>Total kWhs</u> 2,366,635,282 2,366,635,282 -	<u>Total Billings(2)</u> 2,587,975	
Schedule 11.12 kWhs per Revenue Run(1) Shifted from Sch 21 Total by Block Total kWhs per Rev. Run(2) Schedule Shifting from 21 Total Adjusted kWhs Adjust. kWhs to Actual	0-3,650 kWhs 430,539,202 - 430,539,202	over 3,650 kWhs 192,163,371 	<u>Total kWhs</u> 622,702,573 622,702,573 622,702,573 622,702,573	kw over 20(1) 433,207 	Total Billings(2) 386,800 	kvar billed(1) 11,290
Schedule 21,22 kWhs per Revenue Run(1) Special Contract Shifted to Sched 21 Shifted to Sch 011(4) Total Total kWhs per Rev. Run(2) Schedule Shifting to Sch. 21 Schedule Shifting to Sch. 11 Total adjusted kWhs Adjust. kWhs to Actual	0-250,000 kWhs 1,232,886,422 1,232,886,422	over 250,000 kWhs 147,453,504 	Total kWhs 1,380,339,926 1,380,339,926 1,380,339,926 1,380,339,926	<u>kw over 50(1)</u> 2,634,662 - 2,634,662	<u>Total Billings(2)</u> 22,787 - - 22,787	kvar billed(1) 231,477 - - 231,477
<u>Schedule 25(3)</u> Total	<u>0-500,000 kWhs</u> 138,000,000	500,001-6M kWhs 561,355,023	<u>> 6M kWhs</u> 414,208,989	<u>Total kWhs</u> 1,113,564,012	<u>kva over 3,000</u> 1,279,394	Total Billings(2) 276
Schedule 30, 31, & 32 kWhs per billing run (30,31& 32)(1) Schedule 31 to 30 Shifting Adj Total Schs. 30,31&32 Total kWhs per Rev. Run(2) Adjust kWhs to Actual	Block 1 kWhs 36,763,074 	Block 2 kWhs 11,229,371 - 11,229,371	<u>Block 3 kWhs</u> <u>97,815,247</u> <u>0</u> 97,815,247	<u>Total kWhs</u> <u>145,807,692</u> <u>-</u> 145,807,692 145,807,692	<u>Total Billings(2)</u> 29,446	<u>kvar billed(1)</u> 6,359

(1) From workpaper JDM-E-22/23
 (2) From workpaper JDM-E-19
 (3) From workpaper JDM-E-7/8

AVISTA UTILITIES WASHINGTON ELECTRIC STREET & AREA LIGHT REVENUE UNDER PRESENT & PROPOSED RATES 12 MONTHS ENDED DECEMBER 31, 2018

	<u>Presen</u> Monthlv	<u>Present Rates(1)</u>	Proposed Monthly	Proposed Rates(2) othly Annual	<u>% Revenue Change</u>	<u>Change</u>
	Revenue	Revenue	Revenue	Revenue	<u>Base Rates</u>	<u>Billing Rates</u>
Schedule 41	\$ 1,020	\$ 12,236	\$ 1,020	\$ 12,236	0.0%	0.0%
Schedule 42	338,610	4,063,314	338,610	4,063,314	%0.0	0.0%
Schedule 44	2,378	28,531	2,378	28,531	0.0%	0.0%
Schedule 45	1,930	23,158	1,930	23,158	%0.0	0.0%
Schedule 46	9,293	111,518	9,293	111,518	0.0%	0.0%
Schedule 47	115,772	1,389,261	115,772	1,389,261	0.0%	0.0%
Schedule 48	66,333	796,001	66,333	796,001	%0.0	%0.0
Total	\$ 535,335	\$ 6,424,019	\$ 535,335	\$ 6,424,019	<u>0.0</u> %	<u>0.0</u> %
Sch 46 Per kWh	Rate	\$ 0.10347				

(1) from PDE-E-12/14 (2) from PDE-E-13/14 JDM-E-11

WASHINGTON Street Lights

Bit Mean Mean Sector Notes Sector Secto	\$14,25 \$13,42 \$15,49		
700 315 1 9 15,49 7000 415 1 2 15,49 7000 421 2 1 2 7000 421 2 1 2 7000 421 2 2 2 7000 421 2 2 2 7000 421 2 2 2 7000 431 2 1 2 2 7000 431 2 2 1 2 7000 435 2 1 2 3 7000 435 7 2 1 2 7000 435 7 2 1 2 7000 435 7 2 1 2 7000 435 7 2 1 2 7000 435 7 2 1 4 7000 441 2 4 <t< th=""><th>\$15,49</th><th>0404</th><th>1,449</th></t<>	\$15,49	0404	1,449
7000 411 1 65 51.44 7000 411 1 2 55 51.44 7000 413 1 2 55 51.54 7000 421 1 2 55.54 51.54 7000 421 1 2 51.54 51.54 7000 421 1 2 51.54 51.54 7000 4321 128 3 51.54 51.55 7000 431 2 47.0 52.55 51.54 7000 435 7.67 33.77 51.54 51.55 7000 435 7.67 33.77 51.54 51.55 7000 435 7.67 37.77 51.54 51.56 7000 435 7.67 37.77 51.54 51.56 7000 435 7.07 37.77 51.54 51.56 7000 435 7.07 37.77 51.56 5			
7000 410 10 411 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 10 421 425 525 46 520<			CVVS
1000 421 2 5000 421 2 5000 421 500 421 500 421 500 421 500 421 500 421 500 421 500 421 500 421 500 421 500 421 500 421 500 421 500	S4 61		\$74
10000 471 2 500 <td>\$23.63 \$47</td> <td>UP 6</td> <td>\$47</td>	\$23.63 \$47	UP 6	\$47
1000 422 98 4 555.45 7000 421 29 10 555.45 7000 431 29 10 555.45 7000 431 2470 555.45 555.45 7000 431 2470 555.45 555.45 7000 435 365 35 514.35 555.45 7000 435 365 35 514.35 555.45 7000 435 365 35 514.35 555.45 7000 435 377 355 514.35 555.45 7000 435 377 355 514.35 516.55 7000 431 211 21 21 21 21 6 100 435 123 21 41 21 6 100 435 123 21 42 21 21 6 100 435 231 231 231	\$7.30	9	
T/W 4/21 7/30 4/32 7/30 4/32 7/30 4/32 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 4/33 7/30 5/30	\$7,30 \$2,495	\$2.24	
100 433 6 10 555.46 700 433 65 3 355.46 555.46 700 433 65 3 35 19 513.65 700 435 7,827 35 19 513.65 700 435 7,827 3 513.65 513.65 700 436 7,827 3 513.65 513.65 700 436 7,827 3 513.65 513.65 700 436 7,827 7,827 513.65 513.65 700 431 11 11 513.65 513.65 513.65 700 431 11 11 81 513.65 513.65 533 11 81 12 513.65 513.65 533 11 82 12 513.65 513.65 533 11 83 12 513.65 513.65 533 12 23 </td <td>9</td> <td>17 UA</td> <td>3,403 \$587</td>	9	17 UA	3,403 \$587
Tum 434 2470 530 <td>52</td> <td>S. 52</td> <td></td>	52	S. 52	
1000 434 2470 534 35 534 35 534 35 534 35 534 35 534 35 534 35 534 35 534 35 534 35 534 35 535 45		6.1.8	1,315
1000 434 822 35 19 513,62 7000 435 7,82 35 19 513,62 7000 435 7,82 35 513,62 513,62 7000 436 7,82 355 513,62 513,62 7000 436 271 36 513,62 513,62 7000 436 23 7,82 513,62 513,62 7000 436 23 7,82 513,62 513,62 7000 431 23 23 516,63 516,63 7,810 431 23 23 516,63 516,63 64 7,82 11 23 516,63 516,63 64 11,23 11 23 253,61 526,61 7,811 11,13 23 23 23 23,61 11,070 556,11 11 23 256,91 53,61 11,070 556,11 23 <t< td=""><td></td><td>\$35.4</td><td>5,469</td></t<>		\$35.4	5,469
Tow 481. 7837 3707 56.35 56.3	S14.35 S13.62 S7.30 \$4.88		
TOW 457 3/07 3/56 3	\$13.62		
Total Total <th< td=""><td></td><td>631.1</td><td>11,102</td></th<>		631.1	11,102
TOW 461 21 3		9 1 0 9 1 4	.z.uab 1.468
Im Light Tool 438 TO 533 534.36 Tool 441 21 335 536.35 Tammile 7000 455 1 335 536.35 Tammile 7000 455 1 335 536.35 Tammile 7000 455 1 33 535.35 Tammile 7000 456 1 33 533.35 Tammile 7000 451 33 533.35 533.35 Tammile 7000 451 33 533.35 533.45 Tool 7000 531 33 23 534.57 Tool 7000 531 33 23 233.45 Tool 7000 531 33 23 233.45 Tool 7000 531 33 23 234.57 Tool 7000 531 53 536.67 Tool 7000 531 23 536.67 Tool 7000 531 23 536.67 Tool 7000 531 47 45 <tr< td=""><td>\$10.22</td><td>\$2,7</td><td>2,770</td></tr<>	\$10.22	\$2,7	2,770
7000 ##11 1.2 55 <t< td=""><td></td><td></td><td>\$144 \$504</td></t<>			\$144 \$504
amenula 1000 474 27 525 01 atamula 1000 474 1 525 01 atamula 1000 494 123 525 01 atamula 1000 494 123 525 01 atamula 1000 495 123 525 01 atamula 1000 495 123 525 01 atamula 1000 515 1 45 523 01 10000 513 1 45 524 01 10000 513 1 42 524 01 10000 513 1 42 524 01 10000 513 1 42 524 01 10000 513 2 1 42 524 01 10000 513 2 2 42 524 01 10000 513 2 2 47 526 51 10000 514 47 45 534 01 10000 514 47 47 536 51 10000	51559 5173 5173	D +	\$173
Grannile 70W 474 60 550 rear Top 70W 45 12 595 rear Top 70W 45 12 555 rear Top 70W 45 12 555 rear Top 70W 45 12 555 rear Top 70W 45 55 55 rear Top 70W 531 25 47 rear Top 70W 531 25 47 rear Top 70W 531 25 47 rear Top 70W 531 23 26 rear Top 70W 531 23 27 rear Top 70W 533 23 27 rear Top 70W 533 23 27 rear Top 70W 551 207 57 rear Top 70W 551 6 57 rear Top 70W 551		\$6,1	6,177
Taramle 1000 475 12 12 12 12 12 12 12 12 12 12 12 12 12		\$1,5	1,501
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1000 101 1010	Current Current	WASHINGTON Street Lights Fixture Type Pole Facility			Numb 041 042	Number of Lights(1) 042 044 045	ts(1) 045 045		% rate increase>	0.00% 041	0.00% 0.00% 0. Proposed Rates 042 044 0.	0% 0.00% I Rates I 045	0.00%	Month 041	Monthly Revenue at Proposed Rates 1 042 044 045 046	at Propo	sed Rates	46
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1000 101 100 101 <td>1000 11 1 1000</td> <td></td> <td></td> <td>415</td> <td></td> <td></td> <td>65 16</td> <td></td> <td></td> <td></td> <td></td> <td>\$6.80 \$4.61</td> <td>0 -</td> <td></td> <td></td> <td></td> <td>\$442 \$74</td> <td></td>	1000 11 1 1000			415			65 16					\$6.80 \$4.61	0 -				\$442 \$74	
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100 61 32 4 50<	100 100 <td>ghi Emitting Diode (LED) Standard gh-Pressure Sodium Vap Standard</td> <td></td> <td>431 431</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30</td> <td></td> <td></td> <td>47¢</td> <td>\$15</td> <td></td> <td></td>	ghi Emitting Diode (LED) Standard gh-Pressure Sodium Vap Standard		431 431								30			47¢	\$15		
100 100 <td>1000 <th< td=""><td>bh-Pressure Sodium Vapi Pedestal Base</td><td></td><td>432</td><td>98</td><td></td><td></td><td></td><td></td><td></td><td></td><td>30</td><td></td><td></td><td>\$2,495 52,463</td><td>\$29</td><td></td><td></td></th<></td>	1000 1000 <th< td=""><td>bh-Pressure Sodium Vapi Pedestal Base</td><td></td><td>432</td><td>98</td><td></td><td></td><td></td><td></td><td></td><td></td><td>30</td><td></td><td></td><td>\$2,495 52,463</td><td>\$29</td><td></td><td></td></th<>	bh-Pressure Sodium Vapi Pedestal Base		432	98							30			\$2,495 52,463	\$29		
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Im (up) (up) (1) </td <td>Im (up) (up)</td> <td>gin Emitting Diode (LED) Developer Contributed</td> <td>> ></td> <td>+36T</td> <td>271</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>510.22</td> <td></td> <td></td> <td></td> <td>\$2,770</td> <td></td> <td></td> <td></td>	Im (up)	gin Emitting Diode (LED) Developer Contributed	> >	+36T	271						510.22				\$2,770			
Num Num <td>1000 411 111<td>e Sodium Vapor No Pole</td><td>> ></td><td>438 441</td><td>5 5</td><td></td><td></td><td></td><td></td><td></td><td>\$14,36 \$26.15</td><td></td><td></td><td></td><td>\$144 \$601</td><td></td><td></td><td></td></td>	1000 411 111 <td>e Sodium Vapor No Pole</td> <td>> ></td> <td>438 441</td> <td>5 5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$14,36 \$26.15</td> <td></td> <td></td> <td></td> <td>\$144 \$601</td> <td></td> <td></td> <td></td>	e Sodium Vapor No Pole	> >	438 441	5 5						\$14,36 \$26.15				\$144 \$601			
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Test Transmission Statistication Stat	Tear Transmission State			475	5.						\$19.20				\$19 \$19			
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1000 100 <td>1000 <th< td=""><td>ing Diode (L</td><td></td><td>484L 405</td><td>35</td><td></td><td></td><td>30</td><td></td><td></td><td>\$23.81</td><td></td><td>CA 89</td><td></td><td>\$905</td><td></td><td></td><td>S176</td></th<></td>	1000 1000 <th< td=""><td>ing Diode (L</td><td></td><td>484L 405</td><td>35</td><td></td><td></td><td>30</td><td></td><td></td><td>\$23.81</td><td></td><td>CA 89</td><td></td><td>\$905</td><td></td><td></td><td>S176</td></th<>	ing Diode (L		484L 405	35			30			\$23.81		CA 89		\$905			S176
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0000 550 7 2 550 5113 550 5113 <td>ht Emitting Diode (LED) Pedestal Base ht Emitting Diode (LED) Pedestal Base</td> <td>107W</td> <td>532L 532T</td> <td>152</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$34.07 \$28.54</td> <td></td> <td></td> <td></td> <td>\$24,087 \$4.367</td> <td></td> <td></td> <td></td>	ht Emitting Diode (LED) Pedestal Base ht Emitting Diode (LED) Pedestal Base	107W	532L 532T	152						\$34.07 \$28.54				\$24,087 \$4.367			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	In Emining Prove (LED) recessai pase h-Pressure Sodium Vapi Direct Burial	200W	533	i N	2						38			\$715	\$23		
1000 533 54 12 60 51044 51134	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	ht Emitting Diode (LED) Direct Burial	107W	533L	5										\$1,806			
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107/W 557 17 51,600	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	It Emitting Diode (LED) Standard / Dusk to Dawn (046)	107W	535L	2,087			2				20			\$39,528			
2000 56 15 57.00 55.00 57.47 55.00 57.47 55.00 57.40 57.40<	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	ht Emitting Diode (LED) Standard / Dusk to Dawn (046)	107W	535T	87						\$13.41				\$11,680			
1000 541 61 517.4	10000 51 40 5100 510 510	h-Pressure Sodium Vap. Developer Contributed	200W	536 536	156						\$23.00 \$72.00				\$3,586 \$4 852			
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3h-Pressure Sodium Var Standard	200W	541	7						\$41.97				\$16B			
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	ht Emitting Diode (LED) Developer Contributed	~ ~	546T				ú			\$30.91			C161	\$247			
25000 631 86 533.24 51.24 51.964 56 25000 633 3 5 5 53.24 51.964 56 25000 635 2 1 26 53.24 51.24 51.964 56 25000 635 2 1 26 57.13 51.24 51.964 56 25000 715 5 5 53.24 51.24 51.29 51.3 51.29 51.3 51.29 51.3 51.29 51.3 51.29 51.3 51.29 51.3 51.24 51.29 51.3 51.29 51.3 51.29 51.3 51.4 51	25000 631 86 533.24 51.24 51.964 56 25000 633 3 5 5 53.24 51.964 56 25000 635 2 1 266 53.24 51.24 51.964 56 25000 635 2 1 26 53.24 51.24 51.964 51.34 25000 715 25 6 57.13 51.2.52 51.324 51.324 51.34 <td< td=""><td>apor Dusk to Dawn</td><td></td><td>615</td><td>2</td><td></td><td>87</td><td>ý</td><td>10.01</td><td></td><td></td><td></td><td>2</td><td>2</td><td></td><td>\$</td><td>1,263</td><td></td></td<>	apor Dusk to Dawn		615	2		87	ý	10.01				2	2		\$	1,263	
25000 632 3 5 583.20 513.24 51.29 500 51.29 500 51.29 500 51.29 500 51.24 51.29 51.3 51.29 51.3 <t< td=""><td>25000 632 513.24 510.63 51.24 51.32 51.32 51.32 51.32 51.33 <th< td=""><td>n-Pressure Sodium Vapi Standard</td><td>~</td><td>631</td><td>80</td><td>į</td><td></td><td></td><td></td><td></td><td></td><td>24</td><td></td><td></td><td>\$1,984</td><td></td><td></td><td></td></th<></td></t<>	25000 632 513.24 510.63 51.24 51.32 51.32 51.32 51.32 51.33 <th< td=""><td>n-Pressure Sodium Vapi Standard</td><td>~</td><td>631</td><td>80</td><td>į</td><td></td><td></td><td></td><td></td><td></td><td>24</td><td></td><td></td><td>\$1,984</td><td></td><td></td><td></td></th<>	n-Pressure Sodium Vapi Standard	~	631	80	į						24			\$1,984			
25000 030 1 266 57.13 51.24 51.063 51.4 <th< td=""><td>ZGUN GS 1 26 26 26 27 13 21.24 51.0.63 55.4 51.4</td><td>h-Pressure Sodium Vap. Pedestal Base</td><td></td><td>632</td><td>ē</td><td>nn</td><td></td><td></td><td></td><td></td><td></td><td>24</td><td></td><td></td><td>\$1 200</td><td>\$66</td><td></td><td></td></th<>	ZGUN GS 1 26 26 26 27 13 21.24 51.0.63 55.4 51.4	h-Pressure Sodium Vap. Pedestal Base		632	ē	nn						24			\$1 200	\$66		
250W 532 2 310W 732 25 6 310W 732 25 5 310W 732 25 7/13 53.57 554 5141 310W 732 25 5 310W 732 25 53095 515.52 713.06 715 513.08 715 5147 400W 832 2 240W 832 15 78 713.06 7147 513.07 513.09 5147 240W 832 15 78 713.06 7147 513.09 5147 240W 832 15 78 713.06 7147 513.09 5147 240W 832 240 832 15 78 713.06 7147 513.09 5147 240W 832 240 832 15 78 713.06 7147 513.07 513.09 5147 240W 832 240 832 15 78 713.06 7147 513.09 517 710 737 240W 832 240 15 97 513.07 513.07 517 710 517 710 517 710 517 710 517 710 517 710 517 710 517 710 517 710 100 517 710 100 517 710 100 517 710 100 517 710 100 517 710 100 517 710 100 517 710 100 517 710 100 100 100 100 100 100 100 100 1	250N 53 2 53 57,13 534 514 310N 735 25 5 53.57 5 53.57 534 514 310N 735 25 25 515.52 513.06 515.52<	n-Pressure Socium Vapi Direct Buriai h-Pressure Socium Vapi Dusk to Dawn (046)		035 635	ň			256				24	\$10.83		667.10	\$13		52,772
35000 715 6 815.42 823.57 831.63 831.63	3500 715 6 8715.2 823.57 823.57 833.67 833.73	h-Pressure Sodium Vap. Developer Contributed	-	636											\$54			
1000 7.2 2 2 6 31.0.2 51.5.2 51.3.0 31.0.2 31.	1000 7.2 2 2 6 310.0 5 5 310.0 5 5 310.0 </td <td>apor Dusk to Dawn</td> <td>~ `</td> <td>715</td> <td></td> <td></td> <td>9</td> <td></td> <td></td> <td></td> <td>114</td> <td></td> <td>7</td> <td></td> <td></td> <td>6360</td> <td>\$141</td> <td></td>	apor Dusk to Dawn	~ `	715			9				114		7			6360	\$141	
400W 832 3 515 515 248W 827 2 51 515 513 248W 821 2 57 51,33 51 248W 8321 2 57 51,478 51,478 248W 8321 2 57 51,478 51,478 248W 8351 4 13 57 51,478 248W 8351 4 13 50,819 51,817 51,291 529 248W 8351 1 56,87 51,817 51,291 529 248W 8351 1 35,864 50,833 56,77 51,291 579 248W 345 1 103 537,33 56,71 51,01 537 107W 400W 345 55,23 56,45 57,13 51,01 537 107W 107W 56,21 204 15 53,53 56,71 51,00 537 51,00	400W 832 3 515 515 240W 8371 2 51,303 51,478 51,478 240W 8351 48 13 57 53,035 51,478 240W 8351 15 57 53,035 51,478 51,478 246W 8351 15 57 53,033 51,57 51,291 5259 246W 8351 15 57 52,683 51,933 51,67 51,291 57,93 246W 8351 15 85,71 51,391 5259 50,33 246W 835 1 103 55,645 56,71 51,391 579 20W 845 1 103 55,233 56,71 51,391 579 70W 100W 835 55,233 55,71 51,801 53,93 70W 100W 835 55,33 56,71 51,801 53,93 70W 100W 835,53 5	n-Pressure Sodium Vapi Pedestal Base h-Pressure Sodium Vapi No Pole / Dusk to Dawn (046)		735		n n		276			416	52	\$13.06			\$47	07	53,605
248W 837 2 248W 8321 2 248W 8351 4 248W 8351 4 248W 8351 4 248W 8351 4 248W 8351 1 248W 8351 1 248W 8351 3 248W 835 1 107W 835 1 248W 835 1 107W 835 1 248W 835 1 107W 835 1 248W 835 1 248W 835 1 248W 835 1 248W 835 1 248W 835 1 25,23 2 248W 835 1 204 15 972 1 20,03 2,378 51,90 2,378 51,90 1 20,03 51,90 1 20,03 51,90 1 20,03 51,90 1 20,03 51,90 1 20,03 51,9	248W 837 2 248W 8321 2 248W 8351 45 248W 8351 15 248W 8301 15 248W 8351 15 248W 8351 15 248W 8351 15 248W 8351 15 248W 830	1-Pressure Sodium Vapi Pedestal Base	~	832											\$153			
2460/v 332. 28 57 50.059 516.57 51.470 51.57 51.470 2460/v 8351 15 57 55.65 516.57 51.659 57.75 57.75 57.759 57.75 57.759	4000 832. 29 57 50.05 51.57 51.48 51.47 </td <td>It Emitting Diode (LED) Pedestal Base</td> <td>~</td> <td>832T</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$43.03</td> <td></td> <td></td> <td></td> <td>\$86</td> <td></td> <td></td> <td></td>	It Emitting Diode (LED) Pedestal Base	~	832T							\$43.03				\$86			
246W 853 246W 853 246W 853 246W 853 246W 853 246W 853 246W 853 246W 853 246W 853 246W 853 266 5 266 5 267 5 277 5 278 5 279 5 279 5 270 523 5 260 5 277 5 278 5 267 5 278	246W 831 45 5159 45 5189 5159 5159 5159 5159 5159 5159 515	It Emitting Diode (LED) Pedestal Base 3-Pressure Sodium Van Standam / Dusk to Dawn (046)		832L 835	1			57				93	S16.57		\$1,478 \$1,291	S259		S944
Jawn (046) 2.48W 835L 15 503 503 503 503 503 503 503 503 503 503 573 573 573 573 573 573 573 573 573 56.71 5100 55.71 55.71 55.71 55.73 55.71 55.71 55.73 55.71 55.73 55.73 55.71 55.73 55.73 55.73 55.73 55.73 55.73 55.73 55.73 55.71 55.53	248W 853L 15 2689 8603 861 248W 855 3 400W 845 2 150W 935 18 150W 935 18 70W 935 77.33 86.71 5.18 70W 935 77.33 86.71 5.18 70W 70W 935 77.33 56.71 5.19 70W 70W 70W 75 778 71.930 779 757 70W 70W 75 778 71.930 779 757 7578 71.930 757 7578 71.930 757 758 758 758 758 758 758 758 758 758	It Emitting Diode (LED) Standard / Dusk to Dawn (046)	~	335T	4			5							\$854			
60 400W 65 2.264 510 517 400W 845 2 103 55.23 56.71 5180 57 100W 845 103 55.23 55.33 56.71 5180 57 70W 70W 86 71 55.53 55.53 55.53 57.92 51.920 53.96 51.920 53.96 51.920 53.96 51.920 53.96 51.920 53.96 51.920 51.9	60 4000 4000 4000 15000 7000 53 35 500 357,33 5180 55,33 5180 56,33 5180	It Emitting Diode (LED) Standard / Dusk to Dawn (046)	~ •	835L	÷.,						\$26.89				\$403			
400W 845 103 837,33 56.71 537 150W 935 103 55.23 55.71 55.71 537 107W 107W 55.63 55.53 55.53 55.53 55.53 55.53 55.53 55.53 55.64 175 972 55.636 52.278 51.930	400W 845 150W 935 160W 935 160W 935 100W 10	it Emitting Diode (EED) Developer Contributed ht-Pressure Sodium Var Pedestal Base		842							60 06S				\$18D			
150W 355 103 55.21 70W 107W 55.23 55.3 107W 107W 55.53 55.53 55.53 70tal 66 22.219 204 175 972 55.92 55.92 55.92 55.92 55.92 55.92 55.920 52.378 51.930	150W 335 103 55.23 55.23 55.71 55.23 55.71 55.23 55.71 55.23 55.25 55.23 55.25 55.25	h-Pressure Sodium Var No Pole	~	845	•	-						33				\$37		
107W 249W Total 66 22,219 204 175 972 23,020 5336,610 52,378 51,930	107W 248W Total 66 22,219 204 175 972 23,636 0	1-Pressure Sodium Vap [,] Dusl Io Dawn (046)	~ ~	935			-	103			\$5.23		\$6.71					\$691
Z48W 66 22,219 204 175 972 57.92 (21,020 5336,610 52,378 51,930 23,586	249W 66 22,219 204 175 972 57.92 (51,020 5338,610 52,378 51,930 23,378 51,930 23,378 51,930 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0) Offset	107W								\$5.53			1				/
23,636	23,636	Il Offset	248W Total	0	66 22.219			972			\$7.92			\$1,020	338,610		1.0	59,293
								636						J	1 (1201-044) Disc			33,230

WASHINGTON Area Lights	l Area Lights							Mor	Monthly Rev.	% rate increase>	0.0%		Monthly Rev.	ev.
Fixture Type	Pole Facility	Size	Schod	# of Ligh	Lights(1)	Pres. Rates	Rates	at PI	at Pres. Rates	f ²	Prop.	Prop. Rates	at Prop. Rates	tes 048
Sodium Vapor	Granville w/16' decorative pole	100W	HAG			\$29.98	\$29.98		2	ſ	\$29.98	1		
Sodium Vapor	Floodlight on existing standard	250W	HAH	104	4	\$22,18	\$22,18	\$2,307	\$89		\$22.18		\$2,307	\$89
Sodium Vapor	Kim light w/25' fiberglass pole	100W	HAI	17	2	\$28.96	\$28.96	\$492	\$58		\$28,96	\$28.96	\$492	\$58
Sodium Vapor	Post Top w/16' decorative pole	100W		ļ		\$28.59	\$28.59				\$28.59	\$28.59		
Sodium Vapor	on existing standard	100W		470	662	\$13.75	\$13.75	\$6,463 *10.276	\$9,103 \$6,674		\$13.75	\$13./5 \$10.52	\$6,463 *10.776	\$9,103 \$8,671
Sodium Vanor	on existing standard	4000		129	т о	\$26.98	\$26.98	\$3.480	\$243		\$26.98	\$26.98	\$3.480	\$243
Sodium Vapor	35' wood pole	VN002	UdH	672	198	\$27.13	\$27.13	\$18,231	\$5.372		\$27.13	\$27.13	\$18.231	\$5.372
Sodium Vapor	35' wood pole	100W	НРЕ	318	266	\$20.14	\$20.14	\$6,405	\$5,357		\$20.14	\$20.14	\$6,405	\$5,357
Sodium Vapor	35' wood pole	400W	HPG	49	ŝ	\$34.67	\$34.67	\$1,699	\$173		\$34.67	\$34.67	\$1,699	\$173
Sodium Vapor	30' steel pole	200W	HPL	45	2	\$34 07	\$34.07	\$1,533	\$238		\$34.07	\$34.07	\$1,533	\$238
Sodium Vapor	25' steel pole	200W	ОЧН	9	-	\$29 51	\$29.51	\$177	\$30		\$29,51	\$29.51	\$177	\$30
Sodium Vapor	20' fiberglass pole	100W	HPS	98	145	\$20.14	\$20.14	\$1,974	\$2,920		\$20.14	\$20,14	\$1,974	\$2,920
Sodium Vapor	30' steel pole w/2 arms	200W	ЧРҮ	14		\$57.73	\$57.73	\$808			\$57.73	\$57,73	\$808	
Mercury Vapor	on existing standard	7000	MVA	104	255	\$15.82	\$15.82	\$1,645	\$4,034		\$15.82	\$15.82	\$1,645	\$4,034
Mercury Vapor	on existing standard	10000	MVB	165	249	\$18.95	\$18.95	\$3,127	\$4,719		\$18,95	\$18,95	\$3,127	\$4,719
Mercury Vapor	on existing standard	20000	MVC	299	21	\$26.95	\$26,95	\$8,058	\$566		\$26,95		\$8,058	\$566
Mercury Vapor	30' wood pale	2000	MVD	37	101	\$19.74	\$19.74	\$730	\$1,994		\$19.74		\$730	\$1,994
Mercury Vapor	30' wood pole	10000	MVE	55	56	\$22.92	\$22.92	\$1,261	\$1,284		\$22.92	\$22,92	\$1,261	\$1,284
Mercury Vapor	30' wood pole	20000	MVF	143	17	\$30.94	\$30.94	\$4,424	\$526		\$30.94	\$30.94 \$67 70	54,424	\$526
Mercury vapor	20 51 - 7- 5100	10000			2	61-67¢	870.00		0004		€/.62¢			0000
Mercury vapor		nnnn.			7	220 202	970 970	104	\$00\$		920 90	\$26,00 \$26,00	200	0000
Mercury Vapor	20 steel 30' steel			- ‹			876.00	100			00 903		100	
Mercury Vapor				v c	90		920,93	100	¢704		\$20.33 \$30.45			¢704
Mercury vapor	30' steel 30' stool			N 0	07	\$20 10	01.UC¢	20¢	40/¢		01.UC¢		00¢	40/0
Mercury vapor	ou steel	0002	NIVL NAVAA	o		0000 ID	000 I J	4-10			0000 ID		+ - +	
Mercury vapor						60.17¢	00 100							
Mercury vapor	25' atominum					00 023								
Moroupy Vapor					ſ	0 1 0 1 0 1	00.00		0.1C		67 01			¢16
mercury vapor	opecial 26'od polo	000 / C		ŝ	N C	12.14	50.07	0000	0 0		10.30		\$238	0 4
	55' wood pole	11/a	5 8	20	V	\$10.04	\$12.16	0000	2.0		\$12.16 \$12.16	91	0000	2
	ad mode porte	20/07		100	107		015.10 040 7F	A C 2 A	000 QU		910-1C		102 12	80,002
	on existing standard	VVU/		33/	7.90	C/ 515	C/ 214	400,44	\$6,UU3		01010		100,44	\$0'00'
	on existing standard	VV/DL		346	/2	\$19 53 000 000	\$19,53 \$26,00	101,00	\$1,599 \$125		819.33	414 00 900 000	101,04	41,039 6125
	on existing standard	70/02		1 0	n (920.90	00 070	47'300 77 74	0000		00.07¢		100.70	
	26' wood pole	VU/02		100	202	4L U24	\$20.14	4141 60 001	\$1,41U \$5,023		\$20.14 \$20.14	\$107¢	4141 85 881	\$1,410 \$5 087
		107/01		252	231	41 070 907 10	\$27.10	100.00	40,30K		\$1.02¢		40,00 A	40,302 81 801
	oo wood pole	10/101		100	лч С		01 17¢	000'80	41,001		000 E1	51 17¢	COD'&*	00,14
	20' official pole	107/01		C	•	10 870	10,624	1000	0110 0100		10.020	10,020	FUC3	4140 9120
		10/201		D I	4	01100		\$07¢	0010				407¢	0010
	Granville w/16' decorative note	10/02		n		57 10¢	00 0Ca	807¢			80 0C3	C/ /C¢	207¢	
	Dost Top w/16' decorative pole	10/07	HADI	200	Ŧ	00 070	\$78 FD	\$20	\$20		\$78 50		820	£70
E C	35 ft direct huried steel note	70/07	HAAI			00 80%	0C 8C%	61A	\$198		808.20		*r*	\$198
	Floodlight on existing standard	125W	HAMI	24	- 13	\$15.26	\$15.26	\$366	\$198		\$15.26		\$366	\$198
LED	Floodlight 35ft wood pole	125W	HANL	1		\$2163	\$21.63	\$108			\$21.63		\$108	
LED	70W Kim light w/25ft Fiberglass	70W	HAIL			\$28.96	\$28.96	•			\$28,96			
LED	30 ft Fiberglass direct buried	70W	HAOL			\$26.32	\$26.32				\$26,32	\$26.32		
LED	35 ft Fiberglass direct buried	107W	HAQL			\$29.00	\$29.00				\$29,00	\$29.00		
LED	30 steel pole pedestal base	70W	HPKL	-		\$28.29	\$28.29	\$28			\$28.29		\$28	
LED	35' wood pole	248W	HPGL	69		\$34.67		\$2,392			\$34.67	\$34.67	\$2,392	
			SLB		8		\$0.00		\$0			\$0.00		\$0
					7		\$0.00		n c			00.04		
			or n		_		00.04		D	/		00.04	~	1
		Total		5,318	3,673		19 2004	\$115,772	\$66,333 #105	Î			\$115,772	\$66,333 >
(1) from Street L	(1) from Street Light Report and Area Light Report				0				00- 40- A	L.				%00 0

2.10
Adjustment No.

	December 1,137 1 021	116	0	0	0		15,313,039	217,120	0,608	0,000	362,996	9,599	0,326	0000	1,150,544	22,542	0.440	0.000	23,298	126	1,594	0,000	109,103	44	21.376 0.000		630,804	1,/05	10000		38,595 77	11	0000
Workpaper Ref. E-WN	November 864 836	28	0	0	0		2,721,258	216,937	0 448	1.214	70,756	9,572	0.264	0,423	124,347	22,543	0,197	1,395	3,566	128	0,995	1.132	20,819	46	16,164 45,092	1	0	1,734 0,000	0.000	CCL.17	0 1	0000	0000
M	October 529 517	12	1	0			1,439,157	218,385	0.448	1 _* 214	34,729	9,671	0,264	0.423	87,246	23,210	0,197	1,395	1,739	133	0,995	1.132	11,714	49	16,164 45 097		38,465	1,793	0,000	CCL-17	0 10	10 000	0.000
	September 160 169	6-	40	15	25		6,498,512	214,119	0 000	1.214	99,373	9,397	0.000	0.423	762,507	21,864	0 000	1.395	3,396	120	0,000	1.132	55,238	49	0,000		925,697	1,726	0.000	CCL 17	0 ;	1/	0.000
	August 30 24	9	180	209	-29		-7,591,998	215,645	0000	1.214	-116,303	9,481	0.000	0.423	-917,681	22,684	0,000	1,395	-4,104	125	0'00	1,132	-61,460	47	0.000	1	-1,098,694	1,766	0,000	CC+-17	0 [//	0.000
	July 27 15	12	209	280	12-		-18,566,532	215,404	0000	1,214	-287,236	9,564	0.000	0.423	-2,232,177	22,537	0,000	1.395	-10,127	126	0.000	1.132	-150,472	47	0,000 45 097	1	-2,668,582	1,752	0,000 21.453	CC4 17	0	6/	0.000
	June 136 103	33	51	31	20		8,391,924	214,825	0.448	1,214	161,503	9,405	0.264	0,423	775,708	22,549	0,197	1.395	6,934	125	0,995	1.132	68,892	48	16.164 45.097	100	756,862	1,764	0,000		0	C/	0000
	May 304	179	14	37	-23		11,243,016	215,095	0,448	1,214	354,030	9,434	0.264	0,423	71,683	22,556	0,197	1,395	19,161	126	0,995	1.132	90,956	49	16.164 45.092	1000	-870,391	1,764	0,000 21,453		0	6/	0000
	April 542 543	- [-	0	1	ļ.		-357,275	214,967	0.448	1 214	-6,447	9,384	0.264	0.423	-35,624	22,377	0,197	1.395	-270	127	0.995	1.132	-2,879	47	16,164 45,092	100	-37,629	1,754	0,000 21 453	CC+ 17	0 1	C/	0.000
	March 772 783	- II-	0	0	0		-1,444,882	216,041	0,608	0000	-33,834	9,435	0,326	0.000	=109,244	22,571	0,440	0.000	-2,122	121	1,594	0000	-11,051	47	21.376 0.000		-60,157	1,775	3,081 0.000	000-0	-3,755	61	0.000
	February 914 968	-54	0	0	0		-7,032,417	214,194	0.608	0.000	-164,914	9,368	0.326	0.000	-535,408	22,534	0.440	000"0	-10,501	122	1.594	0.000	-54,252	47	21.376	200	-293,650	1,765	3.08J	000	-18,200	8/	0.000
	January 1,105 960	145	0	0	0		18,971,503	215,194	0.608	000"0	452,138	9,565	0.326	0.000	1,449,281	22,716	0.440	0"00	29,354	127	1,594	0,000	148,777	48	21.376	0	790,739	1,770	3,081 0,000	000	52,003	55 101 1	0.000
	Total 6,520 6,064	456	495	573	-78		29,585,305	215,661			926,791	9,490			591,182	22,557			60,324	126			225,385	47			1,886,536	1,761			68,643	11	
	12.2018 Normal DDH Acching	Unbilled DDH	Normal DDC	Actual DDC	Unbilled DDC	Rate Group	WA Res Sched 1	No of Cust	Usage/DDH	Usage/DDC	WA Res Sched 11	No of Cust	Usage/DDH	Usage/DDC	WA Com Sched 11	No of Cust	Usage/DDH	Usage/DDC	WA Ind Sched 11	No of Cust	Usage/DDH	Usage/DDC	WA Res Sched 21	No of Cust	Usage/DDH	0.5805 J J J	WA Com Sched 21	No of Cust		Coage	WA Ind Sched 21		Usage/DDC



1st Review:

Prep by:

Date: 4/24/2019 Mgr. Review:

Page 1 of 4

12,2018 WAID Elec Weather Adj Calc / Elec by Mo

2.10	
Adjustment No.	

	December 7,521,455 108,975 0,595 0,000	148,789 5,505 0,233 0,000	886,614 16,091 0.475 0.000	11,166 122 0.789 0.000	31,775 18 15.218 0.000	468,524 1,000 4_039 0_000	152,756 55 23,943 0,000	26,849,458	17,628,379 9,221,079	15,313,039 1,536,838 778,502	7,521,455 1,046,569 653,055
Workpaper Ref. E-WN-	November 1,399,364 108,883 0,459 0,987	23,669 5,525 0,153 0,207	105,108 16,111 0_233 1_553	1,838 125 0,525 1,367	4,103 19 7713 26171	0 1,008 0 000 20 034	25,420 56 16.212 0.000	4,500,248	2,940,746 1,559,502	2,721,258 198,669 20,819	1,399,364 130,615 29,523
M	October 705,338 108,597 0,459 0,987	11,237 5,500 0,153 0,207	70,384 16,184 0.233 1.553	943 123 0.525 1,367	2,018 17 7.713 26.171	20,455 1,021 0 000 20 034	11,478 59 16,212 0,000	2,434,903	1,613,050 821,853	1,439,157 123,714 50,179	705,338 82,564 33,951
	September 2,671,464 108,266 0,000 0,987	28,162 5,442 0.000 0,207	621,705 16,013 0.000 1.553	4,169 122 0.000 1,367	12,431 19 0.000 26,171	505,859 1,010 0,000 20.034	0 58 0.000	12,188,513	8,344,723 3,843,790	6,498,512 865,276 980,935	2,671,464 654,036 518,290
	August -3,091,284 0,000 0,000	-32,632 5,436 0,000 0,207	-722,123 16,034 0_000 1.553	-4,876 123 0.000 1,367	-12,902 17 0,000 26,171	-593,187 1,021 0,000 20,034	0 000000000000000000000000000000000000	-14,247,244	-9,790,240 -4,457,004	-7,591,998 -1,038,088 -1,160,154	-3,091,284 -759,631 -606,089
	July -7,549,185 107,727 0,000 0,987	-79,334 5,398 0,000 0,207	-1,769,060 16,044 0,000 1,553	+11,744 121 0.000 1,367	-33,447 18 0,000 26,171	-1,448,017 1,018 0.000 20,034	0 59 0.000 0.000	-34,805,913	-23,915,126 -10,890,787	-18,566,532 -2,529,540 -2,819,054	-7,549,185 -1,860,138 -1,481,464
	June 3,747,841 107,428 0,459 0,987	49,474 5,384 0.153 0.207	622,193 16,057 0,233 1,553	5,360 120 0,525 1,367	14,003 18 7,713 26,171	410,296 1,024 0.000 20,034	31,565 59 16,212 0,000	15,042,555	10,161,823 4,880,732	8,391,924 944,145 825,754	3,747,841 677,027 455,864
	May 6,390,820 107,481 0,459 0,987	122,113 5,397 0,153 0,207	95,808 16,000 0,233 1,553	7,629 122 0.525 1,367	14,016 18 7,713 26,171	-473,684 1,028 0,000 20,034	174,117 60 16,212 0,000	17,239,274	10,908,455 6,330,819	11,243,016 444,874 -779,435	6,390,820 225,550 -285,551
	April -155,370 107,448 0.459 0,987	-1,939 5,386 0.153 0,207	-28,583 16,004 0,233 1,553	-233 123 0,525 1,367	-610 18 7 ₄ 713 26 ₄ 171	-20,475 1,022 0.000 20,034	-957 59 16,212 0,000	-648,291	-440,124 -208,167	-357,275 -42,341 -40,508	-155,370 -30,755 -22,042
	March -703,489 107,485 0.595 0.000	-13,804 5,386 0,233 0,000	-83,694 16,018 0.475 0.000	-1,059 122 0.789 0,000	-3,013 18 15,218 0.000	-45,673 1,028 4,039 0,000	-15,012 57 23,943 0,000	-2,530,789	-1,665,045 -865,744	-1,444,882 -145,200 -74,963	-703,489 -98,557 -63,698
	February -3,450,152 107,381 0,595 0,000	-67,641 5,376 0.233 0.000	-410,246 15,994 0,475 0,000	-5,368 126 0.789 0.000	-14,792 18 15,218 0,000	-222,904 1,022 4,039 0,000	-80,161 62 23,943 0,000	-12,360,606	-8,109,342 -4,251,264	-7,032,417 -710,823 -366,102	-3,450,152 -483,255 -317,857
	January 9,268,696 107,432 0,595 0,000	181,932 5,385 0,233 0.000	1,094,906 15,897 0,475 0,000	14,415 126 0,789 0,000	35,306 16 15,218 0.000	602,053 1,028 4,039 0,000	204,832 59 23,943 0.000	33,295,935	21,893,795 11,402,140	18,971,503 1,930,773 991,519	9,268,696 1,291,253 842,191
	Total 16,755,498 107,925	370,026 5,427	483,012 16,037	22,240 123	48,888 18	-796,753 1,019	504,038 59	46,958,043	29,571,094 17,386,949	29,585,305 1,578,297 -1,592,508	16,755,498 875,278 -243,827
	12.2018 ID Res Sched 1 No of Cust Usage/DDH Usage/DDC	ID Res Sched 11 No of Cust Usage/DDH Usage/DDC	ID Com Sched 11 No of Cust Usage/DDH Usage/DDC	ID Ind Sched 11 No of Cust Usage/DDH Usage/DDC	ID Res Sched 21 No of Cust Usage/DDH Usage/DDC	ID Com Sched 21 No of Cust Usage/DDH Usage/DDC	ID Ind Sched 21 No of Cust Usage/DDH Usage/DDC	Total Electric Adjustment	WA subtotal ID subtotal	Summarize by Schedule WA Sch 1 WA Sch 11 WA Sch 21	ID Sch 1 ID Sch 11 ID Sch 21

JDM-E-17

Date: 4/24/2019 Mgr. Review:

1st Review:

Prep by:

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12.2018 WAID Elec Weather Adj Calc / Elec by Mo

Adjustment No. 2.10

Workpaper Ref. E-WN-

Weather Sensitivity Regression Summary for January 2006 through December 2015

Adj	Dependent	Shoulder Mo.	Winter Mo	Shoulder Mo	Summer Mo	Usage/Cust	Usage/Cust	Durbin Watson
\mathbf{R}^2	Variable	Heating	Heating	Cooling	Cooling	Base Load	2015 Low	test results
		Apr, May, Jun, J Oct, Nov	Oec, Jan, Feb, Mar	Apr, May, Oct, Jun, Jul, Aug, Nov Sep	Jun, Jul, Aug, Sep			
Washingt	Vashington Electric							

670 No Antoomelation	10/2 IND MURCHINGIANDI	415 Corrected with AR(1)	1,816 Corrected with AR(1),(2)	3,014 Corrected with AR(1),(2)	1,420 Corrected with AR(1),(2)	44,429 Corrected with AR(1),(2)	55,189 Corrected with AR(1),(2)	56,851 Corrected with AR(1),(2)	
11 /	A 710	369	1,768	3,150	1,373 🗸	43,715	56,106	58,004 🗸	
L 20C	1.207	0.337	1.506	0.883	1.139	33.119	15.811	15.541	
076-1	1.200	0.000	2.858	0.000	2.201	0.000	0.000	0.000	
0.610	0.010	0.319	0.461	1.514	0.414	22.748	2.533	2.810	
1510	0.404	0.244	0.270	0.913	0.248	12.572	0.000	0.000	
Electric	WKI	WR11	WC11	W111	WT11	WR21	WC21	WT21	
Washington Electric	0.704	0.941	0.915	0.947	0.917	0.914	0.945	0.949	

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	657 No Autocorrelation	Corrected with AR(1)	1,517 Corrected with AR(1)	orrected with $AR(1),(2)$	1,229 Corrected with AR(1)	orrected with AR(1)	corrected with AR(1)	Corrected with AR(1)	Corrected with AR(1)	
	657 N	302 C	1,517 C	2,530 C	1,229 C	32,015 C	41,769 C	94,657 C		
	594	281	1,467	2,619	1,166	30,809	44,349	119,225	49,098	
	0.955	0.250	1.685	1.162	1.302	22.460	17.852	0.000	16.485	
	0.000	0.000	2.538	0.000	2.623	0.000	0.000	0.000	0.000	
	0.592	0.244	0.497	0.752	0.438	14.210	3.598	22.844	3.850	
	0.462	0.174	0.302	0.479	0.261	6.537	0.000	13.171	0.000	
10	IRI	IR11	IC11	III1	IT11	IR21	IC21	1121	IT21	
Idano Electric	0.974	0.945	0.874	0.767	0.862	0.828	0.862	0.781	0.880	

Dependent Variable Name Code

Ist letter W = Washington Jurisdiction I = Idaho Jurisdiction

Numerical reference Rate Schedule

2nd letter R = Residential Class C = Commercial Class I = Industrial Class

JDM-E-18

Date: 4/24/2019 Mgr. Review:_

1st Review:

Prep by:___

Page 1 of 1

YTD 2017 WAID Weather Adjustment Calc / Electric Factors

ta		2,583,205	4,770	272,913	113,887	22,219	568	253	591	14,429	14,426	56	4,207	144	106	584								3,032,358	Total	2,587,975	386,800	22,787	253	29,446	5,097	3,032,358
12 Month Average Total)	215,267	398	22,743	9,491	1,852	47	21	49	1,202	1,202	Ð	351	12	6	49	ţ:	¥1	e.	ie I	2	(;i)()	a		Average	215,665	32,233	1,899	21	2,454	425	252,697
201812 12		216,760	366	22,730	9,600	1,857	44	23	46	1,180	1,194	5	357	12	თ	49	×	e	6)	65	e	000	(*)	254,232		217,126	32,330	1,901	23	2,420	432	254,232
201811 20		216,566	377	22,734	9,573	1,819	46	23	51	1,189	1,201	5	350	12	б	49		v.	¥.(a /(v	162		254,004		216,943	32,307	1,865	23	2,441	425	254,004
201810 20		217,990	398	23,411	9,672	1,891	49	23	52	1,228	1,225	2 2	354	12	თ	49	ï	r.	£1	i.	is.	£.	141	256,368		218,388	33,083	1 940	23	2,505	429	256,368
201809 20		213,728	394	22,047	9,398	1,810	49	23	49	1,181	1,184	7	347	14	7	46		<u>N</u>	ł	ų.	6	ġ	6	250,284		214,122	31,445	1,859	23	2,414	421	250,284
201808 20		215,250	398	22,870	9,482	1,857	47	23	50	1,214	1,209	(2)	354	10	თ	48	,	R	ŝį.	Ň		9		252,816		215,648	32,352	1,904	23	2,473	416	252,816
201807 20		215,008	400	22,723	9,565	1,845	47	23	50	1,200	1,214	Ø	352	12	ი	49	ŝ	ŝ	<u>1</u>	8	1	Ū.	4	252,503		215,408	32,288	1,892	23	2,464	428	252,503
201806 20		214,425	404	22,732	9,406	1,853	48	23	49	1,202	1,196	9	349	12	თ	49	•	ŝ	5	10	Ē.	ē	è	251,763		214,829	32,138	1,901	23	2,447	425	251,763
201805 201		214,700	399	22,741	9,435	1,856	49	4	50	1,203	1,210	9	349	12	6	49	e,	5	8	£	27	e	10	252,072		215,099	32,176	1,905	4	2,463	425	252,072
201804 201		214,565	406	22,562	9,385	1,842	47	23	48	1,192	1,179	9	350	12	თ	49	×	ł:	ĸ	10	()	e	. 02	251,675		214,971	31,947	1,889	23	2,419	426	251,675
201803 201		215,639	406	22,750	9,436	1,867	47	22	48	1,195	1,209	9	349	12	თ	49	×	e	x	•(•	c	•	253,044		216,045	32,186	1,914	22	2,452	425	253,044
201802 201		213,790	408	22,712	9,369	1,856	47	22	49	1,200	1,212	9	342	12	໑	49	÷	ĸ	ĸ	83. 19	•	R	12	251,083		214,198	32,081	1,903	22	2,461	418	251,083
Meters 201801 201		214,784	414	22,901	9,566	1,866	48	21	49	1,245	1,193	ო	354	12	თ	49	ĩ	R,	Ę	ę	e,	E.		252 514		215,198	32,467	1,914	21	2,487	427	252,514
Period 20	Schedule Num	0001	0002	0011	0012	0021	0022	0025	0030	0031	0032	0041	0042	0044	0045	0046	0047	0048	0058	0058A	0095	6600	025B	Total for WA	Total Meters Billed	001/002	011/012	021/022	025	030/031/032	04X	Total

Electric Revenue Meters Report by Location Twelve Months Ended for Report Date : '12/31/2018'

State Cde:WA

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2,366,635,282 622,702,573 1,380,339,926 1,022,976,434 145,807,692 18,542,032 5,557,003,938 201812 245,751,615 57,034,429 119,116,948 819,22,600 3,992,260 3,992,260 1,587,398 516,411,273 64 201811 181,215,231 47,727,035 109,051,287 95,120,661 6,282,585 1,517,746 440,915,146 ्व 201810 149,412,587 149,412,587 110,48,176 89,411,354,806 12,939,704 12,939,704 12,534,836 409,388,557 201809 2 165,901,550 48,512,488 113,710,883 93,727,949 23,798,948 1,535,455 1,535,455 452,1187,273 19 201808 205,105,320 55,210,418 95,462,593 28,015,838 1,578,869 1,578,869 510,132,476 12 201807 162,965,399 48,168,344 14,915,540 91,4305,540 91,430,986 23,083,955 23,083,953 1,517,441 442,081,662 22 201806 24 149,276,245 46,100,697 113,413,112 94,067,377 18,516,637 1,544,276 422,918,343 Ъ. 201805 159,686,943 146,946,189 142,273,215 50,375,928 10,126,136 1,1565,521 380,975,932 201804 2 195,827,349 50,652,240 111,090,734 91,719,050 5,323,831 1,503,569 456,156,773 39 201803 233,136,064 55,740,106 55,740,106 112,223,930 59,452,405 59,4256,648 1,474,266,648 1,474,262 466,253,415 66 201802 227,575,425 55,938,109 113,399,610 113,399,610 113,399,610 4,295,325 1,505,149 485,123,411 201801 290,781,554 64,968,017 125,937,053 85,895,740 5,199,806 1,677,510 574,459,679 001/002 011/012 021/022 025 030/031/032 04X Total Total Usage

Unbilled Usage Report by Location Twelve Months Ended for Report Date : '12/31/2018'

6

4

12 Month Total	(381,210,205)	(148,528,721)	(351,593)	991,033,924	(863,940,082) 127,093,842	(30,705,832)	(30,705,832)	2 278 873	(3,711,265)	2,551,260	(2,201,000) 269,574	(76,048,840)	3,854,976	(1.992.363)	(1,992,363)	17,277,517	(19,413,759)	(Z,136,Z4Z) /1 670 835)	(1,0/3,000)	(156,264)	(156,264)	292,016,257	26.276.394	28,336,445	(25,170,660)	3,165,785	000,010,060	59.753.857	16,642,841	(15,053,265)	4/5'69C'L	(42,089,382)	1,728,595	3,041,406	(2,919,077)	122,323 852 500 781	(759,985,496)	92,515,285	51,059,258			(21,516,898) (4 974 918)	(12.842.794)	90,379,043 14 825	C70'41
201812 12	24	0.5	x 77	127,093,842	(114,430,432) 12 663,410	(a) (0.09	50 2	269,574	(100,052) 30,013	9	•	est	×	×) ()	a ()		1596	e	26,276,394	(21,200,344) (931,950)	3,165,785	(2,882,688)	283,097	103,803,801 (67 185 053)	(7.431.196)	1,589,576	(1,521,210)	58,355 1 728 505	(3.070.656)	(1,342,061)	122,329	(139,136)	(10,607)	(87,801,605)	4,713,680	8,036,552			12,693,423 (648,853)	(7,362,830)	4,713,680	(808,865,1)
201811 20	<u>(</u> {	6	ġ.)	114,430,432	(82,163,972) 32 266 460	R	9			239,561	(150,9330) 78,623	y	×	n di	¥	74	40) 1	a d	214	ne	1)i	27,208,344	4 321 261	2,882,688	(2,137,728)	744,960	67,185,053 /50,212,602/	7 971.361	1,521,210	(1,257,371)	203,839	(4.288.578)	(1,217,922)	139,136	(231,486)	(92,35U) 97 R04 E05	(95,301,943)	(7,500,338)	36,835,894			32,345,083 5 nec 221	8,235,200	(7,500,338)	(1,310,212)
201810	<u>]</u> [•	82,163,972	(71,433,400) 10 730 572	*	•	0	98	160,938	(119,949) 40,989		2	0	i.	ų,	83	•			1)	22,887,083	(18,138,285)	2,137,728	(1,707,404)	430,324	59,213,692	11 510 246	1,257,371	(1,069,536)	058,181 873 880 N	(5.938.288)	(1,649,710)	231,486	(373,828)	(142,342) 05 301 043	(89,933,574)	5,368,369	30,224,073			10,771,561	11,698,081	5,368,369	(7cn'76/'L)
201809	5,524,283	5.524.283		71,433,400	(103,479,910) (37,046,510)			ł		119,949	(160,450) (40,501)	٠	(k	0	ŝ	9	•		2	- 4	a)	19,139,293	(24,330,340) (5 211 047)	1,707,404	(1,988,697)	(281,293)	47,703,445	(10.445.566)	1,069,536	(1,228,440)	(158,904) 5 025 288	(7.219.225)	(1,280,937)	373,828	(623,328)	(249,500)	(98,894,442)	(8,960,868)	(53,150,843)			(26,562,728)	(10,604,470)	(8,960,868)	(1,54,056,1)
201808	-	(5.524.283)	8	103,479,910	(100,822,517) 2,657,393		1079 970 01	(2/0'0/7'7)	(2,278,873)	160,450	(1/3,205) (12.815)	0	8		Ŕ	8	80	•))	8.	8	•)	24,350,340	(21,451,210) (3 136 938)	1,988,697	Ð	1,988,697	58,149,012	(11 321 705)	1,228,440	(1,380,771)	(152,331)	(6.510.007)	709,218	623,328	(605,650)	2/9'/L	(95,141,639)	3,752,803	(13,301,156)			(2,879,705)	(11,474,036)	3,752,803	050'071
201807	2		ex.	100,822,517	(78,586,377) 22 236 140		e))	2 278 R73	2,278,873	173,265	(140,329) 32,936	è	i)	200	ŝ	Ĩ	90	i))	8	ili		27,487,278	(ZZ,318,26U) 5 168 998		(1,934,806)	(1,934,806)	69,470,717	11 144 973	1,380,771	(1,168,955)	211,816 e 510,007	(4 808 391)	1,701,616	605,650	(274,178)	331,472	(94.046.228)	1,095,411	42,267,379			22,269,076 5 513 065	11,356,739	1,095,411	2 U.3.5 U.80
201806 2	9	1.5	195	78,586,377	(84,716,237) /6 129 860)		103		7	140,329	(1/8,456) (38,127)	Ŀ	1	A.5/0	t	4	ž	•)	t i	6.7	8	22,318,280	(115,180,22) (172,027)	1,934,806	(2,174,229)	(239,423)	58,325,794	(304 986	1,168,955	(1,262,352)	(93,397)	(2 683 359)	2,125,032	274,178	(181,337)	92,841	92.4040,220 (92.404.792)	1,641,436	(2,789,609)			(6,167,987)	131,589	1,641,436	271/8/3
201805 2	2	808	112	84,716,237	(96,562,318) /11 846 081)	(100)0101 IV	•	•	28	178,456	(214,941) (36,485)	×		7/3/I		9	(5,446,758)	(5,446,758)		103	52	22,691,377	(22,407,010) 283,761	2,174,229	(2,552,426)	(378,197)	58,100,808	(120/2/07/2/C)	1,262,352	(1,316,515)	(54,163) 2 622 350	(1 826 999)	856,360	181,337	(107,471)	73,866	92,404,732 (44,453,460)	47,951,332	36,225,902			(11,882,566)	4,768,104	42,504,574	0// NEB
201804 2	(117,838,911)	- (117.838.911)	18	96,562,318	G6 562 318		2.7		2	214,941	(277,558) (62.617)	(3,854,976)	28	(3,854,976)		5,446,758	15	5,446,758			*	22,407,616	(24,980,245) (2572,620)	2,552,426	(3,114,821)	(562,395)	53,278,541	(+00'101'10)	1,316,515	(1,541,990)	(225,475)	(1 788 709)	38,290	107,471	(123,359)	(15,835)	44,433,490	(1,478,674)	(22,387,222)			(21,339,210)	(1,903,474)	3,968,084	11 407
201803 2	(120,366,856) ((2.527.945) (-	6 236	кə	(#))	K.)	,	9	277,558	(288,189) (10.631)	E.	3,854,976	3,854,976	æ			e:		908	x	24,980,245	(26,321,244) /1 340 000)	3,114,821	(3,266,140)	(151,319)	51,101,564	(7 048 532)	1,541,990	(1,633,070)	(91,080)	(1 921 259)	(132,550)	123,359	(128,084)	(4,725) 45 000 42 4	(16.075.679)	29,856,455	22,403,650			(2,538,576)	(3,284,636)	29,856,455	(137.7(5))
201802 2		120.366.856		e 24	(131,744,919) /131,744,919)		C)		9	288,189	(328,050) (39.861)	()		13		3(4)	(11,830,759)	(11,830,759)	•	03	×	26,321,244	(23/,848,C2)	3.266.140	(3,411,721)	(145,581)	58,150,096	(020'071'CC)	1,633,070	(1,673,055)	(39,985)	11921,239	(112,652)	128,084	(131,220)	(3,136) 16.075.670	e la'e in'ai	16,075,679	(4,129,807)			(11,417,924) 226 onn	2,932,085	4,244,920	(SR) CLU
Unbilled Usage 201801 2				(351,744,919	131 744 919		(30,705,832)	(co7'LL/'s)	(3,711,265)	328,050	328.050	(72,193,864)		(/2,193,864) /1 002 363)	(1,992,363)	11,830,759	(2,136,242)	9,694,517	(358,979,17)	(156,264)	(156,264)	25,948,763	76 948 763	3,411,721		3,411,721		55 178 076			1,673,055	116'000'7	2,033,911			131,220			(29,175,555)			(16,807,345) /5.056.613/	(17,335,146)	9,694,517	2E0 82E
	REVUNBL-EI (148,528,721)	Total (INBL-EI	REVUNBL-E	REVUNBL-ER Total	JNBL-E		REVUNBL-E	Total	REVUNBL-E	Total	REVUNBL-EI	REVUNBL-E	Total DEVI INEL EI	Total	REVUNBL-E	REVUNBL-EI	Total		REVUNBL-EI	Totał	REVUNBL-E	Total	REVUNBL-E	REVUNBL-ER	Total	REVUNBL-E	Total Total	REVUNBL-E	REVUNBL-ER	Total Decynisier E	REVINEL-E	Total	REVUNBL-E	REVUNBL-ER	Lotal DEV/IMPL E	REVUNBL-ER	Total				001/002		025	250/150/060
poto Cotod	DO01 REVUN		0002	100		0011	0040	7100		002		0021		0032	7700	0025		1000	0031	0032		011		012			021		022		100	100		032		300	C70		Total						
Courses Id	Source Id																																												

AVISTA UTILITIES Schedule Summaries & Shortcuts State of Washington - Electric Effective November 1st, 2018

Includes effect of Schedules 59, 74, 75, 89, 91, 92, 93 and 98. Excludes effect of Schedule 58.

Effective November 1st, 2018														SHORTCU	IT.	
										LOW INC	Adjusted			Mult	Mult	
	Base			Decoupling	DSM Seb 01	LIRAP	ERM	REC REV	Billing	DISC RATE Sch 89	Billing Rate	kV From	Vh To	kWh By	Demand By	Add
Schedule 1 - Residential Service	Rale	<u>Sch 59</u>	<u>Sch 74</u>	<u>Sch 75</u>	<u>Sch 91</u>	<u>Sch 92</u>	<u>Sch 93</u>	Sch 98	Rate	301 03	Nate	FIOI	10	DY	DY	
Basic Charge	\$9.00								\$9.00			0	0			\$9,00
First 800 kWh	7_533¢	-0.081¢	-0.142¢	-0.116¢	0.433¢			-0,034¢	7_708¢			801	800 1500	0.07708		\$9.00 -0.86
801 -1500 kWh Over 1500 kWh	8 765¢ 10 276¢	-0_081¢ -0_081¢	-0 142¢ -0 142¢	-0 116¢ -0 116¢	0.433¢ 0.433¢			-0,034¢ -0,034¢	8 940¢ 10 451¢			1501		0.10451		-23.52
Minimum	\$9.00	0.0010	0					112.2.16	\$9,00							
	- FL-															
Schedule 2 - Fixed-Income Senior & Disabled Residential Se Basic Charge	\$9.00								\$9.00		\$9.00	0	0			\$9,00
First 800 kWh	7.533¢	-0.081¢	-0.142¢	-0 116¢	0 433¢			-0.034¢	7.708¢	-3.153¢		1		0 07708		\$9.00
801 -1500 kWh	8_765¢ 10_276¢	-0_081¢ -0_081¢	-0.142¢ -0.142¢	-0.116¢	0.433¢	0.115¢ 0.115¢		-0_034¢ -0_034¢	8.940¢ 10.451¢	-3 153¢ -3 153¢				0.08940 0.10451		-0.86 -23.52
Over 1500 kWh Minimum	\$9.00		-0 ₀ 1429	-0 ₆ 110¢	0.4000	0.110¢	0.0004	-0.0046	\$9.00	0,1009	\$9.00		0.0101	0.10101		
												0.001				
Schedule 11 - General Service Basic charge	\$20.00								\$20.00			0-20 kw 0	0	-		\$20.00
First 3,650 kWh	11 349¢		-0"188¢	0.054¢	0_597¢	0_167¢	0_000¢	-0,036¢	11 943¢			1		0.11943		20.00
Over 3,650 kWh	8.341¢		-0.188¢	0.054¢	0.597¢	0_167¢	0_000¢	-0,036¢	8,935¢			3651		0_08935		129.79
Demand over 20 kw	\$6.50 \$15.00								\$6.50 \$15.00			21 & ove		0 11943	6.50	-110.00
Minimum 1 phase Minimum 3 phase	\$25,35								\$25,35			3651		0.08935	6.50	-0.21
												0-20 kw				
Schedule 12 - Residential & Farm General Service Basic charge	\$20.00								\$20,00			0-20 KW	0	37		\$20.00
First 3650 kWh	11.349¢	-0,081¢	-0_188¢			0_167¢			11,862¢			1		0.11862		20.00
Over 3650 kWh	8 341¢		-0_188¢	0_054¢	0_597¢	0 167¢	0.000¢	-0,036¢	8,854¢ \$6,50			3651 21 & ove		0.08854		129.79
Demand over 20 kw Minimum 1 phase	\$6.50 \$15.00								\$15,00			1		0,11862	6.50	-110.00
Minimum 3 phase	\$25,35								\$25,35			3651		0.08854	6.50	-0.21
Cabad da 24 - Larga Casaval Candea												0-50 kw				
Schedule 21 - Large General Service First 250,000 kWh	7,189¢	0.000¢	-0,144¢	0.054¢	0.460¢	0.121¢	0.000¢	-0.036¢	7 644¢			0	0	27		\$500.00
Over 250,000 kWh	6,430¢		-0.144¢	0.054¢	0.460¢	0.121¢	0.000¢	-0.036¢	6 885¢					0.07644		500.00
Demand 1st 50 kw	\$500.00								\$500.00 \$6.50			250001 51 & ove		0.06885		2,397.50
Over 50 kw Voltage discount	\$6_50 (\$0.20)								(\$0.20)					0,07644	6.50	175.00
	(250001	& over	0,06885	6.50	2,072.50
Schedule 22 - Residential & Farm Large General Service												0-50 kw				
First 250,000 kWh	7.189¢	-0_081¢	-0,144¢	0.054¢	0_460¢	0.121¢	0.000¢	-0.036¢	7_563¢			0	0	-		\$500.00
Over 250,000 kWh	6 430¢		-0,144¢	0.054¢	0_460¢	0.121¢	0,000¢	-0.036¢	6.804¢					0.07563		500.00
Demand 1st 50 kw Over 50 kw	\$500.00 \$6.50								\$500.00 \$6.50			51 & ove		0,06804		2,397.50
Voltage discount	(\$0.20)								(\$0.20)					0.07563	6,50	175.00
												250001	& over	0.06804	6,50	2,072,50
Schedule 25 - Extra Large General Service												1				
First 500,000 kWh	5_505¢		-0.093¢	0.000¢					5.750¢			I				
500,000-6,000,000 kWh Over 6,000,000 kWh	4 953¢ 4 235¢		-0.093¢ -0.093¢		0 297¢ 0 297¢		0.000¢ 0.000¢		5 198¢ 4 404¢							
Demand 1st 3000 kva	\$24,000		0.0000		0 2019		0.0009	0.0009	\$24,000							
Over 3000 kva	\$6.50								\$6.50							
Volt disc ≥ 11 kv	(\$0.20) (\$1.10)								(\$0.20) (\$1.10)			I				
Voll. disc. ≥ 60 kv Voll. disc. ≥ 115 kv	(\$1.40)								(\$1.40)			1				
Annual minimum	\$829,950.00				0.007			0.0051	\$829,950			1				
Plus # kWh times	0_000¢	0.000¢	-0.093¢		0 297¢	0.076¢	0.000¢	-0.035¢	0 245¢							
Schedule 30																
Basic charge	\$20.00		0.400.4	0.0544	0.400-	0 105-	0.000-	0.0374	\$20.00							
3rd Block Annual minimum per kw	6 936¢ \$12 00		-0_130¢	0.054¢	0 433¢	0_105¢	0 000¢	-0.037¢	7 361¢ \$12 00			1				
Plus # kWh times	0.000¢		-0.130¢	0_054¢	0_433¢	0_105¢	0.000¢	-0.037¢	0.425¢							
Schedule 31 - Pumping Service																
Basic charge	\$20.00								\$20.00			0-37 kw				
1st block	9,712¢		-0.130¢			0.105¢			10.137¢ 10.137¢					0.10137	1 5804	\$20.00 \$20.00
2nd block 3rd block	9.712¢ 6.936¢		-0.130¢ -0.130¢			0.105¢ 0.105¢			7 361¢			38 & ove		0.07301	9.0004	420.00
Annual minimum per kw	\$12.00								\$12.00			0	85xkw	0.10137		\$20.00
Plus # kWh times	0.000¢	0,000¢	-0,130¢	0,054¢	0,433¢	0_105¢	0.000¢	-0.037¢	0.425¢					0.10137	2,3596	\$20.00 \$103.28
Schedule 32 - Residential & Farm Pumping Service													SSS KVVII	0.07301	2.0090	4100.20
Basic charge	\$20.00								\$20.00			0-37 kw	§			
1st block	9.712¢		-0.130¢			0.105¢			10.056¢ 10.056¢					0.10056	4.5804	\$20.00 \$20.00
2nd block 3rd block	9.712¢ 6.936¢		-0.130¢ -0.130¢			0.105¢ 0.105¢			7.280¢			38 & DVE		0.07200	4.0004	020.00
Annual minimum per kw	\$12.00			,					\$12,00			0	85xkw	0.10056		\$20.00
Plus # kWh times	0.000¢	-0_081¢	-0.130¢	0.054¢	0 433¢	0.105¢	0.000¢	-0.037¢	0.344¢					0.10056		\$20.00
												LEXC	ESS KVVN	0.07280	2.3596	\$103.28

Annual Total	7 1,605,883,060 2 487,014,920 6 273,788,248 5 2,366,635,228 6 2,567,975 0 2,070,380,000 5 2,366,635,282 (946)	(646) (192) (192) (108) (102)		22 430,539,202 66 192,163,371 99 622,702,573 55 433,207 11,290 50 \$ 0,50 \$ 5,644,95
December	147,335,507 58,040,042 40,376,066 245,751,615 245,751,615 173,700,800 173,700,800	147,335,507 58,040,042 58,040,042 40,376,066 245,751,615		39,380,652 17,653,776 57,034,429 35,265 35,275 35,265 35,265 35,265 35,265 35,275 35,2
November	132,704,076 34,326,972 14,184,909 181,215,957 216,943 173,554,400 181,215,231	(532) (138) (57) (726) (726) 132,703,545 34,326,834 14,184,852 181,215,231	34,411,206 13,316,429 47,727,635 47,727,635	34,411,206 13,316,429 47,727,635 33,331 33,331 33,331 33,331 8,0.50 \$
October	122,188,592 21,329,091 5,894,904 149,412,587 218,388 174,710,400 149,412,587 149,412,587	122,188,592 21,329,091 5,894,904 149,412,587	32,887,811 12,754,090 45,641,901 45,641,901	32,887,811 12,754,090 45,641,901 34,722 34,722 34,722 517 517 517 517 517 517 517 517 517 517
September	125,886,009 29,994,748 10,020,793 165,901,550 214,122 214,122 171,297,600	125,886,009 29,994,748 10,020,793	33,023,553 15,488,936 48,512,488 48,512,488	33.023,553 15,488,936 48,512,488,936 39,565 30,565
August	136,967,087 48,237,874 19,900,359 205,105,320 215,648 1172,518,400 205,105,320	- 136,967,087 48,237,874 19,900,359 205,105,320	35,795,140 19,415,278 55,210,418 55,210,418	35,795,140 19,415,278 55,210,418 40,959 40,959 603 0.50 301,64
July	124,395,493 29,102,344 9,467,561 162,965,399 215,408 172,326,400 172,326,400 172,326,400		32,750,084 15,418,259 48,168,344 48,168,344	32.750,084 15,418,259 48,168,344 38,809 38,809 38,809 1,055 527,30 \$
June	119,985,680 22,711,140 6,579,425 149,276,245 214,829 171,863,200 149,276,245		32,159,461 13,941,235 46,100,697 46,100,697	32,159,461 13,941,235 46,100,697 36,258 36,258 36,258 1,170 1,170 585,24 \$
May	125,355,525 26,169,324 8,162,094 159,686,943 215,099 1172,079,200 139,886,943	125,355,525 26,169,324 8,162,094 159,686,943	33,467,839 13,480,350 46,948,189 46,948,189	33,467,839 13,460,350 46,948,189 33,701 33,701 1,111 1,111 555,46 \$
April	135,568,626 40,647,443 19,611,280 196,827,349 214,971 117,976,800 195,827,349	135,568,626 40,647,443 195,827,349	36,146,390 14,545,850 50,692,240 50,692,240	36,146,390 14,545,850 50,692,240 33,839 33,839 1,395 1,395 697,38 \$
March	142,517,511 52,955,478 37,663,075 233,136,064 772,835,000 172,835,004 233,135,064	142,517,511 52,955,478 37,663,075 233,136,064	38,933,851 16,806,255 55,740,106 55,740,106	38,933,851 16,806,255 55,740,106 35,115 35,115 1,320 1,320 659,83 \$
February	141,466,634 51,888,498 34,220,294 227,575,425 211,358,400 227,575,425 227,575,425	- - - - - - - - - - - - - - - - - - -	38,837,676 17,120,434 55,958,109 55,958,109	38,837,676 17,120,434 55,958,109 55,958,109 34,384 1,258 1,258 629,04 \$
.M January	51,512,321 71,611,965 67,657,489 90,781,774 215,198 72,158,400 90,781,554 (220)	(115) (54) (51) (51) (220) 151,512,206 71,611,910 67,657,437 290,781,554	42,745,540 22,222,478 64,968,017 64,968,017	42,745,540 222,222,478 64,968,017 37,258 37,258 37,258 5,050 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ 56,958 57 \$ \$ \$ \$ \$ \$ \$ 56 \$ \$ \$ \$ 56 \$ \$ \$ \$ \$ \$
WASHINGTON ELECTRIC SYSTEM	Kate Design Program Monthly Results Schedule 001/002 Block 1 101/002 Block 2 Block 3 101 Block 1 Limit Revenue Run Total 2 Difference	Block 1 Block 2 Block 3 Block 1 Block 3 Block 3	Schedule 011/012 Block 1 Block 2 Total Revenue Run Total Block 1 Block 2	Block 1 Block 2 Schedule 011/012 Block 1 Block 2 Total Schedule 011/012 kVar pf Revenue
WASHINGTO	Kate Design kWhs		snWX	Ň

JDM-E-22

Schedule 021/022 Block 1 Block 2	112,379,483 13.557,570	102,383,445 11,016,165	101,406,579	99,905,132 11.185,602	100,538,961	100,470,596 12.942.516	101,224,704 13,690,836	108,956,712 15,802,725	100,959,335 12,751,548	99,664,630 10,783,546	98,294,810 10,756,478	106,702,034 12,414,915	1,232,886,422 147,453,504
Total	125,937,053	113,399,610	112,223,930	111,090,734	112,273,215	113,413,112	114,915,540	124,759,437	113,710,883	110,448,176	109,051,287	119,116,948 110,116,948	1,380,339,926
		010'880'011	000'027'711			211/014/011	-		-	-	-		:*
			9	,	,	,	,	,		,	э	•	a
	• •	0.0	0.0	6 0	n d			2.)	.,			2.4	30
2. 12						*	*		×	•	8	Ŧ	ĸ
	112 379 483	107 383 445	101 406 579	99 905 132	100 538 961	100 470 596	101 224 704	108.956.712	100.959.335	99,664,630	98.294.810	106,702,034	1,232,886,422
Block 2	13,557,570	11,016,165	10,817,351	11,185,602	11.734.254	12,942,516	13,690,836	15,802,725	12,751,548	10,783,546	10,756,478	12,414,915	147,453,504
	125,937,053	113,399,610	112,223,930	111,090,734	112,273,215	113,413,112	114,915,540	124,759,437	113,710,883	110,448,176	109,051,287	119,116,948	1,380,339,926
	•	•:	0)	0	•;;	87			,				
Schedule 021/022													à
Block 2	210 545	208 449	207 857	204 820	216.435	230,316	233.099	245.686	231,523	222.778	209,709	213,446	2,634,662
Total	210,545	208,449	207,857	204,820	216,435	230,316	233,099	245,686	231,523	222,778	209,709	213,446	2,634,662
Schedule 021/022												1000	LLY POO
kVar	1	17,330	17,289	19,379	20,856	21,238	£ 22,413	11,833 • 0.50	\$ 72,397	22,192	8,719 A.D.50	\$ 0.50	\$ 0.50 \$
pr cnarge pf Revenue	\$ 8,441.91	\$ 8,665,04	\$ 8,644,64	\$ 9,689,49	10,42	\$ 10,618,99	\$ 11,206,37		\$ 11,198,45	11,0	9,859,49	66	115,73
Schedule 30/31/32													
Block 1	1,951,083	1,756,535	1,707,819	1,984,755	3,154,946	4,123,394	4,519,374	5,017,749	4,722,209	3,668,271	2,488,249	1,668,690	36,763,074
Block 2	564,979	488,715	480,994	487,764	922,172	1,390,680	1,678,980	1,807,480	1,524,992	986,075	457,610 2 336 736	438,930	11,229,371
Block 3 Total	2,003,743	C/0,000,2	2,007,000	128 202 3	10 126 136	18,516,637	23 083 953	28.015.838	23 798 948	12 939.704	6.282.585	3,998,283	145.807.692
Revenue Run Totai	5 199 806	4 295 325	4.226.648	5,323,831	10.126.136	18.516.637	23,083,953	28,015,838	23,798,948	12,939,704	6,282,585	3,998,283	145,807,692
	N.		2.03		36	ā.,	ā	(ē	18	i.	24	74	
Block 1		,	,	,		i		9	ŝ,	1	34		8
Block 2	(<i>1</i>)			T	1	5	i.	•	10	(r)	э	0	9
Block 3	8	2		8	Ē	ŭ	8	11				24	8
	æ		×	ž	÷	9	Ŕ	8		¢.	c	os	•
Block 1	1.951.083	1.756.535	1.707,819	1,984,755	3,154,946	4,123,394	4,519,374	5,017,749	4,722,209	3,668,271	2,488,249	1,668,690	36,763,074
Block 2	564,979	488,715	480,994	487,764	922,172	1,390,680	1,678,980	1,807,480	1,524,992	986,075	457,610	438,930	11,229,371
Block 3	2,683,743 5 100 806	2,050,075	2,037,835	2,851,313	6,049,018 10 126 136	13,002,562	73 083 953	21,150,608	23 798 948	12,939.704	6.282.585	3.998.283	145.807,692
	0,122,000	1,000,000		200000	-	-	-	•	8				, î
Schedule 31/32 kVar	469	505	471	654	842	1.265	983	534	559	76	((•))	000	6,359
pf Charge		\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50		\$ 0.50	\$ 0.50		\$ 0.50	\$ 0.50	\$ 0.50
pf Revenue	\$ 234.66	\$ 252.70	\$ 235.55	\$ 327.14	\$ 421-13	\$ 632.64	\$ 491.27	\$ 266.84	\$ 279.68	\$ 37.96	ĸ	• \$	

kWhs

kW

kWhs

JDM-E-23

Avista Electric Rate Spread

Percent	Increase on Billed	Revenue	9	9.8%	7.0%	8.7%	8.8%	8.7%	0.0%	8.8%
	sut	Expiration R	(i)	\$0	\$0	\$0	\$0	\$0	<u>\$0</u>	0\$
Adjusted Billed	Aevenue at Present	Rates (2)	(µ)	\$220,074	\$78,692	\$131,866	\$69,157	\$12,659	\$6,790	\$519,238
Ċ	Proposed Base Tariff	Revenue	(6)	\$237,731	\$80,536	\$137,137	\$72,830	\$13,136	\$6,424	\$547,795
c	Proposed General	Increase	(ţ)	\$21,656	\$5,475	\$11,460	\$6,086	\$1,098	\$0	\$45,775
Base	Percent	Increase	(e)	10.0%	7.3%	9.1%	9.1%	9.1%	%0.0	9.1%
	Percentage of Base	Increase	(d)	109.92%	80.00%	100.00%	100.00%	100.00%	0.00%	
Base Tariff	Revenue Under Present	Rates(1)	(c)	\$216,075	\$75,061	\$125,677	\$66,744	\$12,039	<u>\$6,424</u>	\$502,020
		Number	(q)	1/2	11/12	21/22	25	30/31/32	41-48	
		Service	(a)	Residential	2 General Service	3 Large General Service	Extra Large General Service	5 Pumping Service	6 Street & Area Lights	Total
	:	Ŝ		-	2	с	4	5	9	7



Jan 1, 2019 9:00:42 AM

State	SA Rate Schedule	Item Type	Light Count
	1048	HPA-SV	0
		MVB-MV	0
	1048 - Total		0
	W041	214-SMV	59
		411-SMV	1
		611-SMV	6
	W041 + Tetal		. 68
	W042	234-SHP	108
		421-SHP	2
		421L-SGL	1
		431-SHP	574
		431L-SGL	5,308
		431T-SGL	1,866
		432-SHP	98
		432L-SGL	136
		432T-SGL	29
		433-SHP	6
		433L-SGL	39
		433T-SGL	65
		434-SHP	2,470
		434L-SGL	465
		435-SHP	258
		435L-SGL	2,519
		435T-SGL	1,841
		436-SHP	135
		436L-SGL	95
		436T-SGL	271
		438-DSV	10
		441L-DBL	23
		441T-DBL	11
		474-DSV	247
		474L-DEC	60
		475-DSV	1
		484-DSV	123
		484L-DEC	38
		531-SHP	238
		531L-SGL	1,299
		531T-SGL	479
		532-SHP	111
		532L-SGL	707
		5321-SGL	153
		533-SHP	21
		533L-SGL	53
		5331-SGL	53
		535-SHP	47
		535L-SGL	768
		535L-SGL 535T-SGL	392
			392
		536-SHP	211
		536L-SGL 536T-SGL	340
			340
		541-DHPS 541L-DBL	4
		541L-DBL 5421-DBI	14
		VILL DUL	
		542T-DBL	9
		546T-DBL	8
		631-SHP	86
		633-SHP	34
		636-SHP	2
		831-SHP	40
		831L-SGL	8
		831T-SGL	19
		832-SHP	3
		832L-SGL	29
		832T-SGL	2
		835-SHP	8
		835L-SGL	7
		835T-SGL	26
		836T-SGL	3
		842-DHPS	2
	W042 - Total		22.219

Street & Area Lights

Data Source: Biling Report Data Updated Daily

VV044	431-SHP	2
	432-SHP	4
	433-SHP	10
	435-SHP	35
	531-SHP	2
	532-SHP	89
	533-SHP	2
	535-SHP	12
	632-SHP	5
	635-SHP	1
	732-SHP	25
	735-SHP	3
	835-SHP	13
	845-DHPS	1
W044 - Total		.204
W045	415-MV	65
	419-MV	16
	515-MV	1
	615-MV	87
And an and a state of the	715-MV	6
W045 - Total W046	295L-LED	42
\$\$040	335-HPS	42
	395L-LED	45
	435-SHP	45
		36
	495-LED 499-LED	30
	499-LED 535-SHP	41
	635-SHP	256
	635-SHP 735-SHP	256
	835-SHP	276
	935-SHP	103
W046 - Total		972
W047	HAH-SV	104
	HAI-SV	17
	HAML-LED	24
	HANL-LED	5
	HAPL-LED	1
	HPA-SV	470
	HPAL-LED	337
	HPB-SV	987
	HPBL-LED	346
	HPC-SV	129
	HPCL-LED	95
	HPD-SV	672
	HPDL-LED	357
	HPE-SV	318
	HPEL-LED	292
	HPG-SV	49
	HPGL-LED	69
	HPKL-LED	1
	HPL-SV	45
	HPLL-LED	6
	HPO-SV	6
	HPS-SV	98
	HPSL-LED	7
	HPY-SV	14
	HPYL-LED	5
	MVA-MV MVB-MV	104
		165
	MVC-MV	299
		37
		55
		143
	MVI-MV	1
	MVJ-MV	2
		2
	MVL-MV PA-30WP	3 53
W047 - Total		5,318
VV048		.90839
000/250	HAAL-LED	7
	HAH-SV	4
	HAI-SV	2
	HAML-LED	13
	HAWL-LED	
	HAPL-LED	1
		1 662
	HAPL-LED	
	HAPL-LED HPA-SV	662
	HAPL-LED HPA-SV HPAL-LED	662 582
	HAPL-LED HPA-SV HPAL-LED HPB-SV	662 582 444

3003

		32.627
W048 - Total		3.675
	SLD-SHP	1
	SLC-SHP	19
	SLB-SHP	30
	PA-30WP	2
	MVV-MV	2
	MVK-MV	26
	MVH-MV	21
	MVF-MV	17
	MVE-MV	56
	MVD-MV	101
	MVC-MV	21
	MVB-MV	249
	MVA-MV	255
	HPSL-LED	70
	HPS-SV	145
	HPOL-LED	5
	HPO-SV	1
	HPLL-LED	4
	HPL-SV	7
	HPG-SV	5
	HPEL-LED	297
	HPE-SV	266
	W048 + Total	HPEL-LED HPG-SV HPL-SV HPLL-LED HPO-SV HPOL-LED HPS-SV HPSL-LED MVX-MV MVC-MV MVC-MV MVC-MV MVC-MV MVC-MV MVF-MV MVF-MV MVF-MV MVK-MV MVK-MV SLD-SHP

For Internal Use Only

Run Date: Jan 1, 2019

Avista Capital Recovery Factor Calculation Present - UE-170485

Cost	Cost of Capital			Source
Capital	Capital	Component	Weighted	1
Component	Structure	Cost	Cost	
Long Term Debt	51.500%	5.6200%		2.894% Settlement Stipulation
Preferred Equity	%000.0	%0000.0	0	0.000% Settlement Stipulation
Common Equity	48.500%	9.5000%	4.608%	4.608% Settlement Stipulation
Total	100.00%		7.502%	

Grossed-up Rate of Return	e of Return	
Tax Gross-up Factor		1.328
Weighted ROE * Tax Gross-up	1.328 * 4.608%	6.118% 2 894%
Preferred Equity * Tax Gross-up	1.328 * 0.000%	0.000%
Grossed-up Rate of Return		9.012%

				Knox	Smith	
0	Effective	Depreciation	Rate	3.425% Knox	0.953323	3.593%
	Test Year	Depreciation	Expense	\$1,380,000		
		Plant in	Service	\$40,293,000		
		Account	Number	373 - Street Lighting	Revenue Conversion Factor (Before FIT)	Grossed-Up Depreciation Rate

*From Cost of Service (Knox)

Capital Recovery Factor

12.605%

Avista Capital Recovery Factor Calculation Proposed - UE- 19_____

Cost	Cost of Capital		
Capital	Capital	Component	Weighted
Component	Structure	Cost	Cost
Long Term Debt	50.000%	5.1500%	2.575%
Preferred Equity	%000.0	%0000.0	%000.0
Common Equity	50.000%	9.9000%	4.950%
Total	100.00%		7.525%

Grossed-up Rate of Return	e of Return	
Tax Gross-up Factor		1.325
Weighted ROE * Tax Gross-up Long Term Debt	1.325 * 4.950%	6.557% 2.575%
Preferred Equity * Tax Gross-up	1.325 * 0.000%	0.000%
Grossed-up Rate of Return		9.132%

3.414%			Grossed-Up Depreciation Rate
0.955631			Revenue Conversion Factor (Before FIT)
3.262%	\$1,386,000	\$42,485,000	373 - Street Lighting
Rate	Expense	Service	Number
Depreciation	Depreciation	Plant in	Account
Effective	Test Year		

*From Cost of Service (Knox)

Capital Recovery Factor

12.546%

Exh. EMA-2

AVISTA UTILITIES PROPOSED COST OF CAPITAL WASHINGTON ELECTRIC				
Component	Capital Structure	Cost	Weighted Cost	
Debt	50.0%	5.15%	2.57%	
Common	50.0%	9.90%	4.95%	
Total	100.00%	2	7.52%	

AVISTA UTILITIES REVENUE CONVERSION FACTOR WASHINGTON ELECTRIC TWELVE MONTHS ENDED DECEMBER 31, 2018

Line No.	Description	Factor
1	Revenues	1.000000
2	Expense: Uncollectibles	0.003782
3	Commission Fees	0.002000
4	Washington Excise Tax	0.038587
6	Total Expense	0.044369
7	Net Operating Income Before FIT	0.955631
8	Federal Income Tax @ 21%	0.200683
9	REVENUE CONVERSION FACTOR	0.754948

Washington Schedule 46 Customer LED Rates

LED Wattage	Implied kWh Usage		nedule 46 stom Rate	nthly - Rate	Code		kWh Calc
Up to 10W LED	Rivin obugo	2	\$ 0.10519	\$	005L	5	2
11-20W LED		5	\$ 0.10519	\$ 0.53	015L	15	5
21-30W LED		9	\$ 0.10519	\$ 0.95	025L	25	9
31-40W LED		13	\$ 0.10519	\$ 1.37	035L	35	13
41-50W LED		16	\$ 0.10519	\$ 1.68	045L	45	16
51-60W LED		20	\$ 0.10519	\$ 2.10	055L	55	20
61-70W LED		23	\$ 0.10519	\$ 2.42	065L	65	23
71-80W LED		27	\$ 0.10519	\$ 2.84	075L	75	27
81-90W LED		31	\$ 0.10519	\$ 3.26	085L	85	31
91-100W LED		34	\$ 0.10519	\$ 3.58	095L	95	34
101-110W LED		38	\$ 0.10519	\$ 4.00	105L	105	38
111-120W LED		41	\$ 0.10519	\$ 4.31	115L	115	41
121-130W LED		45	\$ 0.10519	\$ 4.73	125L	125	45
131-140W LED		49	\$ 0.10519	\$ 5.15	135L	135	49
141-150W LED		52	\$ 0.10519	\$ 5.47	145L	145	52
151-160W LED		56	\$ 0.10519	\$ 5.89	155L	155	56
161-170W LED		59	\$ 0.10519	\$ 6.21	165L	165	59
171-180W LED		63	\$ 0.10519	\$ 6.63	175L	175	63
181-190W LED		67	\$ 0.10519	\$ 7.05	185L	185	67
191-200W LED		70	\$ 0.10519	\$ 7.36	195L	195	70
201-225W LED		77	\$ 0.10519	\$ 8.10	212L	213	77
226-250W LED		86	\$ 0.10519	\$ 9.05	237L	238	86

Avista Washington LED Fiberglass Lights Schedule 42 & 47

Monthly Capital <u>Component Cost</u> \$23.17 \$24.48	Monthly <u>Energy Cost</u> \$2.73 \$4.10	Monthly <u>Maintenance Cost</u> \$0.41
Annual Capital <u>Component Cost</u> \$278.09 \$293.82	Schedule 46 <u>Energy Rate</u> \$0.10519 \$0.10519	Design <u>Life (Years)</u> 15
Capital Cost <u>Recovery Factor</u> 12.605% 12.605%	Average <u>Monthly kWh's</u> 26 39	Lifetime <u>Maintenance</u> \$74.00
Engineering Estimate <u>of Cost</u> \$2,206.20 \$2,330.95	Estimated <u>Hours</u> 360.00 360.00	
	Wattage Equivalent 100 200	
60W LED 30ft Fiberglass direct bury 107W LED 35ft Fiberglass direct bury	Energy LED Energy LED	LED Light Maintenance

	LED Fibergl	LED Floodli	
Rate	\$26.32	\$29.00	
Code	494L / HAOL	594L / HAQL	
	Base Rate	Base Rate	

** Must add all adder schedules to get the billing rate

Avista Washington LED Area Floodlights Schedule 47

Monthly Capital <u>Component Cost</u> \$10.02 \$6.37	Monthly <u>Energy Cost</u> \$4.42	Monthly <u>Maintenance Cost</u> \$0.82
Annual Capital <u>Component Cost</u> \$120.23	Schedule 46 <u>Energy Rate</u> \$0.10519	Design <u>Life (Years)</u> 15
Capital Cost <u>Recovery Factor</u> 12.605%	Average <u>Monthly kWh's</u> 42	Lifetime <u>Maintenance</u> \$148.00
Engineering Estimate <u>of Cost</u> \$953.86	Estimated <u>Hours</u> 333.33	
LED Floodlight (No Pole) PA (Wood Pole) Rate	<u>Wattage</u> 125	LED Floodlight Maintenance
LED Floodlight (No Po PA (Wood Pole) Rate	Energy LED	LED Floodlig

	LED Floodli	LED Floodli
Rate	\$15.26	\$21.63
Code	HAML	HANL
	Base Rate	Base Rate

** Must add all adder schedules to get the billing rate

Schedule 47 70W LED on 35 ft direct buired Steel Pole or 30ft pedestal steel pole Rate

 HPAL
 \$ 13.75

 HPBL
 \$ 19.53

 Differential
 \$ (5.78)

HPLL 34.07 Differential <u>\$ (5.78)</u>

HPKL \$ 28.29 70W LED on 30 ft direct buried steel pole

Used differential from luminaire on existing standard between 107W and 70W equivalent LED to determine differntial for 35ft steel pole

HAAL

28.29