

**AVISTA UTILITIES**

2020 Washington REC Filing

**REDACTED**

**WORKPAPERS**

March 26, 2020

**CONFIDENTIAL per WAC 480-07-160**

**REC Revenues Rebate Allocation - Generation Level Consumption**

Line No.	DESCRIPTION	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	
A	B	C	D	E	F	H	I	J	
1	<b>Generation Allocated</b>								
2	Total Generation Percentage	100.00%	42.30%	11.03%	24.30%	19.44%	2.60%	0.33%	(1)
3	Total Rebate Amount (Grossed Up)	\$ (1,834,961)	\$ (776,188)	\$ (202,396)	\$ (445,895)	\$ (356,716)	\$ (47,709)	\$ (6,055)	
4	Annual Load (Rate Year)	5,711,642,923	2,396,455,626	632,559,602	1,389,414,756	1,132,483,332	143,279,340	17,450,267	(2)
5	Cents Per kWh Rate		\$ (0.00032)	\$ (0.00032)	\$ (0.00032)	\$ (0.00031)	\$ (0.00033)	\$ (0.00035)	
6	Total Bills	3,118,822	2,664,563	401,374	22,920	276	29,690		
7	Avg Monthly Credit Per Customer		\$ (0.29)	\$ (0.50)	\$ (19.45)	\$ (1,292.45)	\$ (1.61)		
8	Avg Annual Credit Per Customer		\$ (3.50)	\$ (6.05)	\$ (233.46)	\$ (15,509.41)	\$ (19.28)		
9									
10	Proposed Cents per kWh Rate		\$ (0.00032)	\$ (0.00032)	\$ (0.00032)	\$ (0.00031)	\$ (0.00033)	\$ (0.00035)	
11	Present Cents per kWh Rate		\$ (0.00025)	\$ (0.00025)	\$ (0.00026)	\$ (0.00024)	\$ (0.00024)	\$ (0.00045)	
12	Difference in Rate		\$ (0.00007)	\$ (0.00007)	\$ (0.00006)	\$ (0.00007)	\$ (0.00009)	\$ 0.00010	
13	Change in Revenue	\$ (402,424)	\$ (177,075)	\$ (44,256)	\$ (84,648)	\$ (84,920)	\$ (13,322)	\$ 1,797	

Present Billed Revenue	\$ 528,922,000	\$ 222,668,000	\$ 80,650,000	\$ 136,458,000	\$ 69,319,000	\$ 13,073,000	\$ 6,754,000
Billed Percentage Change	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.03%
Residential Bill Impact (918 kWh's)		\$ (0.06)					
Residential Bill Percentage Change		-0.1%					

- (1) UE-190334 Cost of Service Study  
E02 Generation Allocator
- (2) July 1, 2020 through June 30, 2021 Forecasted Loads (input)

<u>Present Bill</u>	
Basic Charge	\$ 9.00
1st 800 kWhs	\$ 0.07817
Next 700 kWhs	\$ 0.09049
Bill at 918 kWhs	\$ 82.22
Less Bill Impact	\$ (0.06)
Proposed Bill after Rate Adjustment	\$ 82.16

**CONFIDENTIAL per WAC 480-07-160**

Gray shaded box is Confidential per WAC-480-07-160

<u>aMW</u>	<u>Rate</u>	<u>2927 Total</u>	<u>743 Mar-20</u>	<u>720 Apr-20</u>	<u>744 May-20</u>	<u>720 Jun-20</u>
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Morgan Stanley
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<b>System Total</b>	<b>(\$1,111,685)</b>
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<b>PT Ratio</b>		65.73%	65.73%	65.73%	65.73%
		\$185,448	\$118,089	\$175,389	\$251,784

<b>Washington Share</b>	UE-170485	<b>65.73%</b>	-\$185,448	-\$118,089	-\$175,389	-\$251,784
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Gross Up Factor	UE-170485/UE-190334	<b>0.953323</b>	<b>0.953323</b>	<b>0.955631</b>	0.955631	0.955631
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<b>Grossed Up Revenue Requirement</b>	<b>(\$765,106)</b>	<b>(\$194,528)</b>	<b>(\$123,572)</b>	<b>(\$183,532)</b>	<b>(\$263,474)</b>
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Proposed Bill after Rate Adjustment

**CONFIDENTIAL per WAC 480-07-160**

Gray shaded box is Confidential per WAC-480-07-160

		<u>Total</u>	<u>Jul-20</u>	<u>Aug-20</u>	<u>Sep-20</u>	<u>Oct-20</u>	<u>Nov-20</u>	<u>Dec-20</u>	<u>Jan-21</u>	<u>Feb-21</u>	<u>Mar-21</u>	<u>Apr-21</u>	<u>May-21</u>	<u>Jun-21</u>
Morgan Stanley Shell														
<b>System Total</b>		<b>(\$2,826,128)</b>												
<b>PT Ratio<sup>1</sup></b>	UE-170485	<b>65.73%</b>	\$199,105	\$124,957	\$69,841	\$88,481	\$142,338	\$190,505	\$51,242	\$122,366	\$171,123	\$253,334	\$246,223	\$198,099
<b>Washington Share</b>		<b>(\$1,857,614)</b>												
Forecast End of June Balance		<b>\$93,325</b>												
<b>REC Balance to be Recovered</b>		<b>(\$1,764,289)</b>												
<b>Forecasted Interest Calculation</b>		<b>\$11,013</b>												
<b>Total REC Balance to be Recovered</b>		<b>(\$1,753,276)</b>												
Gross Up Factor	UE-190334	<b>0.955631</b>												
<b>Grossed Up Revenue Requirement</b>		<b>(\$1,834,679)</b>												

<sup>1</sup>Remains consistent with ERM

	2019	2020	2020	2020	2020	2020	2020	Compound	2020	2020	2020	2020	Compound	2021	2021	2021	2021	2021	
	End December	End January	End February	End March	End April	End May	End June	End July	End August	End Septemb	End October	End November	End Decembe	End January	End February	End March	End April	End May	End June
Expected net elec REC Amortization credit	\$ -	\$ (128,660)	\$ (120,773)	\$ (113,183)	\$ (101,789)	\$ (101,443)	\$ (103,550)	\$ (152,000)	\$ (148,582)	\$ (130,551)	\$ (137,878)	\$ (152,013)	\$ (173,637)	\$ (171,354)	\$ (147,801)	\$ (146,018)	\$ (131,506)	\$ (129,991)	\$ (132,214)
Forecast Annual REC Sales	\$ -	\$ 207,454	\$ 189,625	\$ 185,448	\$ 118,089	\$ 175,389	\$ 251,784	\$ 199,105	\$ 124,957	\$ 69,841	\$ 88,481	\$ 142,338	\$ 190,505	\$ 51,242	\$ 122,366	\$ 171,123	\$ 253,334	\$ 246,223	\$ 198,099
Net change in balance	\$ -	\$ 78,794	\$ 68,852	\$ 72,265	\$ 16,300	\$ 73,946	\$ 148,235	\$ 47,104	\$ (23,624)	\$ (60,710)	\$ (49,397)	\$ (9,676)	\$ 16,867	\$ (120,113)	\$ (25,434)	\$ 25,105	\$ 121,828	\$ 116,232	\$ 65,885
Cumulative Balance (Before Interest)	\$ -	\$ (461,471)	\$ (392,619)	\$ (320,354)	\$ (304,054)	\$ (230,108)	\$ (81,874)	\$ (46,221)	\$ (69,845)	\$ (130,556)	\$ (179,952)	\$ (189,628)	\$ (172,761)	\$ (297,028)	\$ (322,462)	\$ (297,357)	\$ (175,529)	\$ (59,297)	\$ 6,589
Interest	\$ -	\$ (2,876)	\$ (2,452)	\$ (2,047)	\$ (1,731)	\$ (1,481)	\$ (865)	\$ (387)	\$ (322)	\$ (556)	\$ (861)	\$ (1,025)	\$ (1,005)	\$ (1,314)	\$ (1,718)	\$ (1,718)	\$ (1,311)	\$ (651)	\$ (146)
REC Revenue Balance	\$ (540,265)	\$ (464,346)	\$ (397,946)	\$ (327,728)	\$ (313,159)	\$ (240,695)	\$ (93,325)	\$ (46,608)	\$ (70,554)	\$ (131,820)	\$ (182,078)	\$ (192,778)	\$ (176,915)	\$ (298,342)	\$ (325,494)	\$ (302,107)	\$ (181,590)	\$ (66,009)	\$ (270)
Acct 186323	\$ 252,722	\$ 383,220	\$ 506,547																
Acct 186322	\$ 287,543	\$ 81,035	\$ (108,783)																
Balance Sheet	\$ 540,265	\$ 464,255	\$ 397,764																
interest correctio	\$	\$ (91)	\$ (182)																

Projected end of June 2020 Balance	\$ (93,325)
July 2020 - June 2021 REC Revenue Forecast	\$ 1,857,614
July 2020 - June 2021 Amortization Credit	\$ (1,753,546)
Interest on Previous Months Balance	\$ (11,013)
Total Projected REC Balance as of June 2021	\$ (270)

	UE-170485	UE-190334
	5/1/2020	4/1/2021
Per rate order, REC rate is after tax cost of capital	6.890%	6.654%
The monthly rate is:	0.0057417	0.0055450

(Formulas from kWh Forecast)

Forecasted Usage	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
Residential Schedule 001/002	209,557,646	170,739,395	157,730,853	156,779,182	189,053,261	183,738,320	154,256,825	173,608,547	220,260,503	278,674,737	275,262,226	222,166,837	213,038,241	173,745,130	158,600,876	154,050,122
General Svc Schedule 011/012	52,813,395	46,479,652	45,790,247	46,951,384	55,000,644	53,393,618	46,037,450	49,029,427	54,971,634	62,831,557	62,260,962	53,243,581	53,876,323	47,469,803	46,603,753	47,840,851
Large Gen Svc Schedule 021/022	112,481,326	106,248,433	110,262,247	113,990,763	128,208,254	121,500,323	108,394,415	118,324,076	119,590,821	124,282,706	120,745,487	106,496,826	111,831,253	105,736,665	110,053,148	114,250,781
Extra Large Gen Schedule 25	92,203,398	92,574,764	94,771,113	93,857,682	95,042,374	97,438,286	96,033,288	95,468,273	93,820,409	93,754,301	93,805,925	94,368,623	90,997,067	93,462,660	94,238,773	94,053,353
Pumping Schedule 31/32	4,592,182	7,126,245	13,335,120	19,163,775	25,933,170	26,109,739	19,145,183	11,450,271	5,125,080	4,226,788	4,283,829	3,807,654	4,526,790	6,835,776	12,743,937	19,091,123
Street and Area Lights	1,458,576	1,461,335	1,464,597	1,470,719	1,468,713	1,461,845	1,468,363	1,454,309	1,451,708	1,473,393	1,470,065	1,438,784	1,437,460	1,439,937	1,440,766	1,444,921
<b>Total Forecasted Usage</b>	<b>473,106,523</b>	<b>424,629,825</b>	<b>423,354,177</b>	<b>432,213,506</b>	<b>494,706,417</b>	<b>483,642,130</b>	<b>425,335,524</b>	<b>449,334,903</b>	<b>495,220,156</b>	<b>565,243,483</b>	<b>557,828,495</b>	<b>481,522,306</b>	<b>475,707,134</b>	<b>428,689,971</b>	<b>423,681,254</b>	<b>430,731,152</b>

REC Revenue Amortization Rates	Present								Proposed							
Residential Schedule 001/002	-0.00025	-0.00025	-0.00025	-0.00025	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032
General Svc Schedule 011/012	-0.00025	-0.00025	-0.00025	-0.00025	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032
Large Gen Svc Schedule 021/022	-0.00026	-0.00026	-0.00026	-0.00026	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032	-0.00032
Extra Large Gen Schedule 25	-0.00024	-0.00024	-0.00024	-0.00024	-0.00031	-0.00031	-0.00031	-0.00031	-0.00031	-0.00031	-0.00031	-0.00031	-0.00031	-0.00031	-0.00031	-0.00031
Pumping Schedule 31/32	-0.00024	-0.00024	-0.00024	-0.00024	-0.00033	-0.00033	-0.00033	-0.00033	-0.00033	-0.00033	-0.00033	-0.00033	-0.00033	-0.00033	-0.00033	-0.00033
Street and Area Lights	-0.00045	-0.00045	-0.00045	-0.00045	-0.00035	-0.00035	-0.00035	-0.00035	-0.00035	-0.00035	-0.00035	-0.00035	-0.00035	-0.00035	-0.00035	-0.00035

Gross REC Revenue Amortization Credit	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
Residential Schedule 001	\$ (52,389)	\$ (42,685)	\$ (39,433)	\$ (39,195)	\$ (61,232)	\$ (59,511)	\$ (49,962)	\$ (56,230)	\$ (71,340)	\$ (90,260)	\$ (89,155)	\$ (71,958)	\$ (69,001)	\$ (56,274)	\$ (51,369)	\$ (49,895)
General Svc Schedule 011/012	\$ (13,203)	\$ (11,620)	\$ (11,448)	\$ (11,738)	\$ (17,598)	\$ (17,084)	\$ (14,730)	\$ (15,688)	\$ (17,589)	\$ (20,104)	\$ (19,921)	\$ (17,036)	\$ (17,238)	\$ (15,189)	\$ (14,912)	\$ (15,307)
Large Gen Svc Schedule 021/022	\$ (29,245)	\$ (27,625)	\$ (28,668)	\$ (29,638)	\$ (41,145)	\$ (38,992)	\$ (34,786)	\$ (37,973)	\$ (38,379)	\$ (39,885)	\$ (38,750)	\$ (34,177)	\$ (35,889)	\$ (33,933)	\$ (35,319)	\$ (36,666)
Extra Large Gen Schedule 25	\$ (22,129)	\$ (22,218)	\$ (22,745)	\$ (22,526)	\$ (29,937)	\$ (30,692)	\$ (30,249)	\$ (30,071)	\$ (29,552)	\$ (29,531)	\$ (29,548)	\$ (29,725)	\$ (28,663)	\$ (29,439)	\$ (29,684)	\$ (29,625)
Pumping Schedule 31/32	\$ (1,102)	\$ (1,710)	\$ (3,200)	\$ (4,599)	\$ (8,635)	\$ (8,694)	\$ (6,375)	\$ (3,813)	\$ (1,707)	\$ (1,407)	\$ (1,426)	\$ (1,268)	\$ (1,507)	\$ (2,276)	\$ (4,243)	\$ (6,357)
Street and Area Lights	\$ (656)	\$ (658)	\$ (659)	\$ (662)	\$ (510)	\$ (507)	\$ (510)	\$ (505)	\$ (504)	\$ (511)	\$ (510)	\$ (499)	\$ (499)	\$ (500)	\$ (500)	\$ (501)
<b>Total</b>	<b>\$ (118,725)</b>	<b>\$ (106,515)</b>	<b>\$ (106,153)</b>	<b>\$ (108,357)</b>	<b>\$ (159,058)</b>	<b>\$ (155,480)</b>	<b>\$ (136,612)</b>	<b>\$ (144,279)</b>	<b>\$ (159,071)</b>	<b>\$ (181,699)</b>	<b>\$ (179,310)</b>	<b>\$ (154,663)</b>	<b>\$ (152,798)</b>	<b>\$ (137,612)</b>	<b>\$ (136,027)</b>	<b>\$ (138,352)</b>
0.953323 (for MAR 2019 Only)																

Net REC Revenue Amortization Credit	0.955631	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
Residential Schedule 001	\$ (49,944)	\$ (40,791)	\$ (37,683)	\$ (37,456)	\$ (58,516)	\$ (56,871)	\$ (47,745)	\$ (53,735)	\$ (68,175)	\$ (86,255)	\$ (85,199)	\$ (68,765)	\$ (65,939)	\$ (53,778)	\$ (49,090)	\$ (47,682)	
General Svc Schedule 011/012	\$ (12,587)	\$ (11,104)	\$ (10,940)	\$ (11,217)	\$ (16,817)	\$ (16,326)	\$ (14,077)	\$ (14,992)	\$ (16,809)	\$ (19,212)	\$ (19,037)	\$ (16,280)	\$ (16,474)	\$ (14,515)	\$ (14,250)	\$ (14,628)	
Large Gen Svc Schedule 021/022	\$ (27,880)	\$ (26,399)	\$ (27,396)	\$ (28,323)	\$ (39,319)	\$ (37,262)	\$ (33,243)	\$ (36,288)	\$ (36,677)	\$ (38,116)	\$ (37,031)	\$ (32,661)	\$ (34,297)	\$ (32,428)	\$ (33,752)	\$ (35,039)	
Extra Large Gen Schedule 25	\$ (21,096)	\$ (21,232)	\$ (21,736)	\$ (21,526)	\$ (28,609)	\$ (29,330)	\$ (28,907)	\$ (28,737)	\$ (28,241)	\$ (28,221)	\$ (28,237)	\$ (28,406)	\$ (27,391)	\$ (28,133)	\$ (28,367)	\$ (28,311)	
Pumping Schedule 31/32	\$ (1,051)	\$ (1,634)	\$ (3,058)	\$ (4,395)	\$ (8,252)	\$ (8,308)	\$ (6,092)	\$ (3,644)	\$ (1,631)	\$ (1,345)	\$ (1,363)	\$ (1,212)	\$ (1,440)	\$ (2,175)	\$ (4,055)	\$ (6,075)	
Street and Area Lights	\$ (626)	\$ (628)	\$ (630)	\$ (632)	\$ (487)	\$ (485)	\$ (487)	\$ (482)	\$ (481)	\$ (489)	\$ (487)	\$ (477)	\$ (477)	\$ (477)	\$ (478)	\$ (479)	
<b>Total</b>	<b>\$ (113,183)</b>	<b>\$ (101,789)</b>	<b>\$ (101,443)</b>	<b>\$ (103,550)</b>	<b>\$ (152,000)</b>	<b>\$ (148,582)</b>	<b>\$ (130,551)</b>	<b>\$ (137,878)</b>	<b>\$ (152,013)</b>	<b>\$ (173,637)</b>	<b>\$ (171,354)</b>	<b>\$ (147,801)</b>	<b>\$ (146,018)</b>	<b>\$ (131,506)</b>	<b>\$ (129,991)</b>	<b>\$ (132,214)</b>	

**Load**  
(Calendar Energy Usage by Rate Scheduled)

	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 19	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Total
WA001/WA002	209,557,646	170,739,395	157,730,853	156,779,182	189,053,261	183,738,320	154,256,825	173,608,547	220,260,503	278,674,737	275,262,226	222,166,837	213,038,241	173,745,130	158,600,876	154,050,122	2,396,455,626
WA011	47,109,747	41,838,520	41,657,429	42,974,302	50,577,854	49,154,860	42,147,728	44,438,756	49,338,902	55,829,785	55,128,434	47,178,589	48,039,454	42,680,437	42,300,248	43,714,298	570,529,344
WA012	5,703,648	4,641,132	4,132,818	3,977,083	4,422,790	4,238,758	3,889,722	4,590,671	5,632,733	7,001,772	7,132,528	6,064,992	5,836,869	4,789,366	4,303,505	4,126,553	62,030,258
WA021	109,635,891	103,812,634	107,929,175	111,652,674	125,555,640	118,977,439	106,183,508	115,836,803	116,765,427	120,972,036	117,411,136	103,624,069	109,002,637	103,294,201	107,697,052	111,904,216	1,357,224,164
WA022	2,845,435	2,435,799	2,333,072	2,338,089	2,652,614	2,522,884	2,210,907	2,487,273	2,825,394	3,310,670	3,334,352	2,872,757	2,828,616	2,442,464	2,356,096	2,346,565	32,190,592
WA025	92,203,398	92,574,764	94,771,113	93,857,682	95,042,374	97,438,286	96,033,288	95,468,273	93,820,409	93,754,301	93,805,925	94,368,623	90,997,067	93,462,660	94,238,773	94,053,353	1,132,483,332
WA031	4,320,645	6,721,118	12,617,297	18,042,454	24,186,629	24,466,567	18,064,783	10,858,241	4,828,616	3,942,584	3,981,460	3,545,044	4,251,762	6,436,614	12,034,049	17,996,240	134,592,588
WA032	271,537	405,127	717,823	1,121,322	1,746,541	1,643,172	1,080,399	592,030	296,464	284,204	302,369	262,610	275,028	399,163	709,888	1,094,883	8,686,752
WA04X	1,458,576	1,461,335	1,464,597	1,470,719	1,468,713	1,461,845	1,468,363	1,454,309	1,451,708	1,473,393	1,470,065	1,438,784	1,437,460	1,439,937	1,440,766	1,444,921	17,450,267
Total	473,106,523	424,629,825	423,354,177	432,213,506	494,706,417	483,642,130	425,335,524	449,334,903	495,220,156	565,243,483	557,828,495	481,522,306	475,707,134	428,689,971	423,681,254	430,731,152	5,711,642,923
WA001/WA002	209,557,646	170,739,395	157,730,853	156,779,182	189,053,261	183,738,320	154,256,825	173,608,547	220,260,503	278,674,737	275,262,226	222,166,837	213,038,241	173,745,130	158,600,876	154,050,122	2,396,455,626
WA011/012	52,813,395	46,479,652	45,790,247	46,951,384	55,000,644	53,393,618	46,037,450	49,029,427	54,971,634	62,831,557	62,260,962	53,243,581	53,876,323	47,469,803	46,603,753	47,840,851	632,559,602
WA021/022	112,481,326	106,248,433	110,262,247	113,990,763	128,208,254	121,500,323	108,394,415	118,324,076	119,590,821	124,282,706	120,745,487	106,496,826	111,831,253	105,736,665	110,053,148	114,250,781	1,389,414,756
WA025	92,203,398	92,574,764	94,771,113	93,857,682	95,042,374	97,438,286	96,033,288	95,468,273	93,820,409	93,754,301	93,805,925	94,368,623	90,997,067	93,462,660	94,238,773	94,053,353	1,132,483,332
WA031/032	4,592,182	7,126,245	13,335,120	19,163,775	25,933,170	26,109,739	19,145,183	11,450,271	5,125,080	4,226,788	4,283,829	3,807,654	4,526,790	6,835,776	12,743,937	19,091,123	143,279,340
WA04X	1,458,576	1,461,335	1,464,597	1,470,719	1,468,713	1,461,845	1,468,363	1,454,309	1,451,708	1,473,393	1,470,065	1,438,784	1,437,460	1,439,937	1,440,766	1,444,921	17,450,267
Total	473,106,523	424,629,825	423,354,177	432,213,506	494,706,417	483,642,130	425,335,524	449,334,903	495,220,156	565,243,483	557,828,495	481,522,306	475,707,134	428,689,971	423,681,254	430,731,152	5,711,642,923
check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Bills**  
(Total Customers by Rate Schedule)

	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 19	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Total
WA001	220,667	220,554	220,352	219,946	220,341	220,508	221,121	221,836	222,294	222,685	222,889	222,884	222,810	222,728	222,448	222,019	2,664,563
WA011	23,136	23,141	23,163	23,177	23,167	23,220	23,206	23,268	23,283	23,333	23,372	23,407	23,396	23,411	23,415	23,439	279,921
WA012	9,964	9,960	9,965	9,977	9,998	10,019	10,043	10,075	10,101	10,140	10,153	10,172	10,171	10,186	10,195	10,200	121,453
WA021	1,866	1,863	1,863	1,865	1,864	1,863	1,861	1,865	1,858	1,864	1,864	1,864	1,861	1,861	1,861	1,861	22,348
WA022	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	572
WA025	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	276
WA031	1,249	1,248	1,252	1,245	1,255	1,255	1,250	1,254	1,250	1,256	1,250	1,247	1,251	1,247	1,251	1,259	15,034
WA032	1,227	\$ 1,210.72351	1,214	1,220	1,216	1,219	1,227	1,226	1,219	1,217	1,215	1,232	1,221	1,215	1,228	1,220	14,656
WA04X	449	\$ 449.40000	450	451	452	453	453	454	455	456	457	457	458	459	460	461	5,474
Total	258,629	258,496	258,331	257,951	258,364	258,608	259,233	260,050	260,531	261,021	261,270	261,338	261,235	261,183	260,937	260,527	3,124,296
WA001	220,667	220,554	220,352	219,946	220,341	220,508	221,121	221,836	222,294	222,685	222,889	222,884	222,810	222,728	222,448	222,019	2,664,563
WA011/012	33,100	33,101	33,128	33,154	33,165	33,239	33,249	33,343	33,384	33,473	33,525	33,579	33,567	33,597	33,610	33,639	401,374
WA021/022	1,914	1,911	1,911	1,912	1,912	1,911	1,909	1,913	1,906	1,911	1,912	1,912	1,909	1,908	1,908	1,909	22,920
WA025	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	276
WA031/032	2,476	2,458	2,467	2,465	2,471	2,475	2,478	2,480	2,469	2,473	2,465	2,482	2,467	2,467	2,487	2,476	29,690
WA04X	449	449	450	451	452	453	453	454	455	456	457	457	458	459	460	461	5,474
Total	258,629	258,496	258,331	257,951	258,364	258,608	259,233	260,050	260,531	261,021	261,270	261,338	261,235	261,183	260,937	260,527	3,124,296
check	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**AVISTA UTILITIES  
 CALCULATION OF CONVERSION FACTOR: WASHINGTON ELECTRIC  
 TWELVE MONTHS ENDED DECEMBER 31, 2018 (Effective 04/01/20)**

		<b>Approved In UE-170485</b>	<b>Approved In UE-190334</b>
Revenue:		1.000000	1.000000
Expense:			
Uncollectibles (1)		0.006183	0.003782
Commission Fees (2)		0.002000	0.002000
Washington Excise Tax (3)		0.038495	0.038587
Total Expense		<u>0.046677</u>	<u>0.044369</u>
Net Operating Income Before FIT		<b>0.953323</b>	<b>0.955631</b>
Federal Income Tax @	21.00%	0.200198	0.200683
REVENUE CONVERSION FACTOR		<u>0.753125</u>	<u>0.754948</u>

Proposed Bill after Rate Adjustment