

ATTACHMENT 4

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. UE-170485

DOCKET NO. UG-170486

(consolidated)

AVISTA CORPORATION

COMPLIANCE FILING

ELECTRIC DECOUPLING BASELINE CALCULATIONS

Avista Utilities
Electric Decoupling Mechanism
Development of Decoupled Revenue by Rate Schedule - Electric
Washington Docket No. UE-170485 Compliance Filing

	TOTAL	RESIDENTIAL SCHEDULE 1,2	GENERAL SVC. SCH. 11,12	LG. GEN. SVC. SCH. 21,22	PUMPING SCH. 30, 31, 32	EX LG GEN SVC SCHEDULE 25	ST & AREA LTG SCH. 41-48
1 Total Normalized 12ME Dec 2016 Revenue	\$ 492,134,000	\$ 209,489,000	\$ 73,766,000	\$ 126,766,000	\$ 10,894,000	\$ 64,348,000	\$ 6,871,000
2 Allowed Revenue Increase (Attachment 1)	\$ 10,763,000	\$ 4,904,000	\$ 1,291,000	\$ 2,775,000	\$ 238,000	\$ 1,405,000	\$ 150,000
3 Allowed Base Rate Revenue	\$ 502,897,000	\$ 214,393,000	\$ 75,057,000	\$ 129,541,000	\$ 11,132,000	\$ 65,753,000	\$ 7,021,000
4 Normalized kWhs (12ME Dec 2016 Test Year)	5,658,613,712	2,361,885,989	623,243,883	1,409,459,201	133,495,310	1,107,408,158	23,121,171
5 Retail Revenue Adjustment (line 14)	\$ 0.01900	\$ 0.01900	\$ 0.01900	\$ 0.01900	\$ 0.01900	\$ 0.01900	\$ 0.01900
6 Variable Power Supply Revenue (L4 * L5)	\$ 107,513,661	\$ 44,875,834	\$ 11,841,634	\$ 26,779,725	\$ 2,536,411	\$ 21,040,755	\$ 439,302
7 Delivery & Power Plant Revenue (L3 - L6)	\$ 344,089,397	\$ 169,517,166	\$ 63,215,366	\$ 102,761,275	\$ 8,595,589		
8 Customer Bills (12ME Dec 2016 Test Year)	2,945,836	2,518,371	375,436	22,836	29,193		
9 Allowed Basic Charges	\$ 9.00	\$ 9.00	\$ 20.00	\$ 500.00	\$ 20.00		
10 Basic Charge Revenue (Ln 8 * Ln 9)	\$ 42,175,919	\$ 22,665,339	\$ 7,508,720	\$ 11,418,000	\$ 583,860		
11 Decoupled Revenue	\$ 301,913,478	\$ 146,851,827	\$ 55,706,646	\$ 91,343,275	\$ 8,011,729		
12 Retail Revenue Adjustment - (Attachment 3)	\$0.01811						
13 Gross Up Factor for Revenue Related Exp	104.90%						
14 Grossed Up Retail Revenue Adjustment	\$0.01900						
15 Average Number of Customers (Line 8 / 12)		Residential	Non-Residential Group				
16 Annual kWh		209,864	35,622				
17 Basic Charge Revenues		2,361,885,989	2,166,198,394				
18 Customer Bills		22,665,339	19,510,580				
19 Average Basic Charge		2,518,371	427,465				
		\$9.00	\$45.64				

Excluded From Decoupling

Avista Utilities
Electric Decoupling Mechanism
Development of Annual Decoupled Revenue Per Customer - Electric
Washington Docket No. UE-170485 Compliance Filing

Line No.	(a)	(b)	(c)	(d)
	Source	Residential	Non-Residential Schedules*	
1	Decoupled Revenues	Attachment 4, Page 1 \$ 146,851,827	\$ 155,061,651	
2	Test Year # of Customers 12 ME 12.2016	Revenue Data	209,864	35,622
3	Decoupled Revenue per Customer	(1) / (2)	\$ 699.75	\$ 4,352.96

* Schedules 11, 12, 21, 22, 31, 32.

Avista Utilities
Electric Decoupled Mechanism
Development of Monthly Decoupled Revenue Per Customer - Electric
Washington Docket No. UE-170485 Compliance Filing

Line No.	Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
	(a)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	Electric Sales													
2	Residential													
3	- Weather-Normalized kWh Sales	282,718,944	229,028,914	209,765,396	176,926,076	154,900,987	143,616,706	190,502,271	171,958,392	162,813,881	159,069,574	215,944,062	264,640,786	2,361,885,989
4	- % of Annual Total	11.97%	9.70%	8.88%	7.49%	6.56%	6.08%	8.07%	7.28%	6.89%	6.73%	9.14%	11.20%	100.00%
5	Non-Residential*													
6	- Weather-Normalized kWh Sales	179,053,129	167,633,774	172,512,516	163,846,532	181,092,306	185,499,649	204,307,747	192,388,070	180,766,696	182,872,741	162,705,681	193,519,554	2,166,198,394
7	- % of Annual Total	8.27%	7.74%	7.96%	7.56%	8.36%	8.56%	9.43%	8.88%	8.34%	8.44%	7.51%	8.93%	100.00%
8	Monthly Decoupled Revenue Per Customer ("RPC")													
9	Residential													
10	- UE-160228 Decoupled RPC													
11	- Monthly Decoupled RPC	\$ 83.76	\$ 67.85	\$ 62.15	\$ 52.42	\$ 45.89	\$ 42.55	\$ 56.44	\$ 50.95	\$ 48.24	\$ 47.13	\$ 63.98	\$ 78.40	\$ 699.75
12	Non-Residential*													
13	- UE-160228 Decoupled RPC													
14	- Monthly Decoupled RPC	\$ 359.81	\$ 336.86	\$ 346.66	\$ 329.25	\$ 363.90	\$ 372.76	\$ 410.55	\$ 386.60	\$ 363.25	\$ 367.48	\$ 326.96	\$ 388.88	\$ 4,352.96

* Schedules 11, 12, 21, 22, 31, 32.

AVISTA UTILITIES
REVENUE CONVERSION FACTOR
WASHINGTON ELECTRIC
TWELVE MONTHS ENDED DECEMBER 31, 2016
With Tax Reform
Washington Docket No. UE-170485 Compliance Filing

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

(Per Order No. 6; UE-120436, dated 6/20/2012 - "hard" CF rounded to 6 digits)

Revised Conversion Factor per Bench Request 9, Attachment B Page 4