

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. UE-220053

DOCKET NO. UG-220054

DOCKET NO. UE-210854

(consolidated)

AVISTA CORPORATION

COMPLIANCE FILING

Attachment 4 – Natural Gas Decoupling Baseline Calculations

Decoupling

Natural Gas

Rate Year 1

Avista Utilities
Natural Gas Decoupling Mechanism
Development of Decoupled Revenue by Rate Schedule - Natural Gas
Washington Docket No. UG-220054 Compliance Filing

	TOTAL	RESIDENTIAL SCHEDULE 101/102	GENERAL SVC. SCH. 111/112/116	INTERRUPTIBLE SCH 131	SCHEDULES 132	SCHEDULES 146 & 148
1 Total Normalized 12 ME Sep 2021 Revenue	\$ 114,860,000	\$ 89,621,000	\$ 20,023,000	\$ -	\$ 225,000	\$ 4,991,000
2 Allowed Revenue Increase (Attachment 2)	\$ 7,500,000	\$ 5,931,000	\$ 1,325,000	\$ -	\$ 15,000	\$ 229,000
3 Proposed Base Rate Revenue	\$ 122,360,000	\$ 95,552,000	\$ 21,348,000	\$ -	\$ 240,000	\$ 5,220,000
4 Normalized Therms (12ME Sep 2021 Test Year)	276,863,928	137,376,752	58,747,734	-	974,878	79,764,564
5 Schedule 150 PGA Rates excluded from base rates	\$ -	\$ -	\$ -	\$ -	-	-
6 Variable Gas Supply Revenue	\$ -	\$ -	\$ -	\$ -	-	-
7 Delivery Revenue (Ln 3 - Ln 6)	\$ 116,900,000	\$ 95,552,000	\$ 21,348,000	\$ -	-	-
8 Customer Bills (12ME Sep 2021 Test Year)	2,078,989	2,040,304	38,169	-	-	516
9 Allowed Basic / Minimum Charges	\$9.50	\$9.50	\$128.72	\$0.00	-	-
10 Basic Charge Revenue (Ln 8 * Ln 9)	\$ 24,296,002	\$ 19,382,888	\$ 4,913,114	\$ -	-	-
11 Decoupled Revenue	\$ 92,603,998	\$ 76,169,112	\$ 16,434,886	\$ -	Excluded From Decoupling	-
12 Average Number of Customers (Line 8 / 12)		Residential	Non-Residential Group			
13 Annual Therms		170,025	3,181			
14 Basic Charge Revenues		137,376,752	58,747,734			
15 Customer Bills		\$ 19,382,888	\$ 4,913,114			
16 Average Basic Charge		2,040,304	38,169			
		\$9.50	\$128.72			

Avista Utilities
Natural Gas Decoupling Mechanism
Development of Decoupled Revenue Per Customer - Natural Gas
Washington Docket No. UG-220054 Compliance Filing

Line No.	(a)	(b)	(c)	(d)
		Source	Residential Schedules*	Non-Residential Schedules**
1	Decoupled Revenues	Attachment 4, Page 1	\$ 76,169,112	\$ 16,434,886
2	Test Year # of Customers 12 ME.09.2021	Revenue Data	170,025	3,181
3	Decoupled Revenue Per Customer	(1) / (2)	\$ 447.99	\$ 5,166.98

*Rate Schedules 101, 102.

**Rate Schedules 111, 112, 116, 131.

Avista Utilities
Natural Gas Decoupling Mechanism
'Development of Monthly Decoupled Revenue Per Customer - Natural Gas
Washington Docket No. UG-220054 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														
2	Natural Gas Delivery Volume													
3	<i>Residential*</i>													
4	- Weather-Normalized Therm Delivery Volume	23,237,417	19,799,163	15,809,740	10,273,404	5,010,740	3,853,445	2,550,010	2,388,834	3,773,642	9,230,472	17,833,780	23,616,107	137,376,752
5	- % of Annual Total	16.92%	14.41%	11.51%	7.48%	3.65%	2.81%	1.86%	1.74%	2.75%	6.72%	12.98%	17.19%	100.00%
6														
7	<i>Non-Residential**</i>													
8	- Weather-Normalized Therm Delivery Volume	8,388,798	7,067,063	7,321,090	4,504,842	3,032,887	2,350,236	1,876,476	1,951,922	2,623,332	5,074,866	6,054,567	8,501,656	58,747,734
9	- % of Annual Total	14.28%	12.03%	12.46%	7.67%	5.16%	4.00%	3.19%	3.32%	4.47%	8.64%	10.31%	14.47%	100.00%
10														
11	Monthly Decoupled Revenue Per Customer ("RPC")													
12	<i>Residential*</i>													
13	-UG-200901 Decoupled RPC													
14	-Monthly Decoupled RPC	\$ 75.78	\$ 64.57	\$ 51.56	\$ 33.50	\$ 16.34	\$ 12.57	\$ 8.32	\$ 7.79	\$ 12.31	\$ 30.10	\$ 58.16	\$ 77.01	\$ 447.99
15														
16	<i>Non-Residential**</i>													
17	-UG-200901 Decoupled RPC													
18	-Monthly Decoupled RPC	\$ 737.81	\$ 621.56	\$ 643.90	\$ 396.21	\$ 266.75	\$ 206.71	\$ 165.04	\$ 171.68	\$ 230.73	\$ 446.34	\$ 532.51	\$ 747.74	\$ 5,166.98
19														
20	*Rate Schedules 101, 102													
21	**Rate Schedules 111, 112, 116, 131													

AVISTA UTILITIES
REVENUE CONVERSION FACTOR
WASHINGTON NATURAL GAS
TWELVE MONTHS ENDED SEPTEMBER 30, 2021
Washington Docket No. UG-220054 Compliance Filing

Line No.	Description	Factor
1	Revenues	1.000000
2	Expense: Uncollectibles	0.003326
3	Commission Fees	0.002000
4	Washington Excise Tax	0.038392
6	Total Expense	<u>0.043718</u>
7	Net Operating Income Before FIT	0.956282
8	Federal Income Tax @ 21%	0.200819
9	REVENUE CONVERSION FACTOR	0.755463

(Per Order No. 6: UE-120437, dated 6/20/2012 - "hard" CF rounded to 6 digits)

Decoupling

Natural Gas

Rate Year 2

Avista Utilities
 Natural Gas Decoupling Mechanism
 Development of Decoupled Revenue by Rate Schedule - Natural Gas
 Washington Docket No. UG-220054 Compliance Filing

	TOTAL	RESIDENTIAL SCHEDULE 101/102	GENERAL SVC. SCH. 111/112/116	INTERRUPTIBLE SCH 131	SCHEDULES 132	SCHEDULES 146 & 148
1 Total Normalized 12 ME Sep 2021 Revenue	\$ 114,860,000	\$ 89,621,000	\$ 20,023,000	\$ -	\$ 225,000	\$ 4,991,000
2 Allowed Revenue Increase Year 1 (Attachment 2)	\$ 7,500,000	\$ 5,931,000	\$ 1,325,000	\$ -	\$ 15,000	\$ 229,000
3 Allowed Revenue Increase Year 2 (Attachment 2)	\$ 1,500,000	\$ 1,185,000	\$ 265,000	\$ -	\$ 3,000	\$ 47,000
4 Proposed Base Rate Revenue	\$ 123,860,000	\$ 96,737,000	\$ 21,613,000	\$ -	\$ 243,000	\$ 5,267,000
5 Normalized Therms (12ME Sep 2021 Test Year)	276,863,928	137,376,752	58,747,734	-	974,878	79,764,564
6 Schedule 150 PGA Rates excluded from base rates	\$ -	\$ -	\$ -	\$ -	-	-
7 Variable Gas Supply Revenue	\$ -	\$ -	\$ -	\$ -	-	-
8 Delivery Revenue (Ln 4 - Ln 7)	\$ 118,350,000	\$ 96,737,000	\$ 21,613,000	\$ -	-	-
9 Customer Bills (12ME Sep 2021 Test Year)	2,078,989	2,040,304	38,169	-	-	516
10 Allowed Basic / Minimum Charges	\$ -	\$ -	\$ -	\$ -	-	-
11 Basic Charge Revenue (Ln 9 * Ln 10)	\$ 24,366,996	\$ 19,382,888	\$ 4,984,108	\$ -	-	-
12 Decoupled Revenue	\$ 93,983,004	\$ 77,354,112	\$ 16,628,892	\$ -	Excluded From Decoupling	-
13 Average Number of Customers (Line 9 / 12)		Residential	Non-Residential Group			
14 Annual Therms		170,025	3,181			
15 Basic Charge Revenues		137,376,752	58,747,734			
16 Customer Bills		\$ 19,382,888	\$ 4,984,108			
17 Average Basic Charge		2,040,304	38,169			
		\$9.50	\$130.58			

Avista Utilities
Natural Gas Decoupling Mechanism
Development of Decoupled Revenue Per Customer - Natural Gas
Washington Docket No. UG-220054 Compliance Filing

Line No.	(a)	(b)	(c)	(d)
		Source	Residential Schedules*	Non-Residential Schedules**
1	Decoupled Revenues	Attachment 4, Page 1	\$ 77,354,112	\$ 16,628,892
2	Test Year # of Customers 12 ME 09.2021	Revenue Data	170,025	3,181
3	Decoupled Revenue Per Customer	(1)/(2)	\$ 454.96	\$ 5,227.98

*Rate Schedules 101, 102.

**Rate Schedules 111, 112, 116, 131.

Avista Utilities
Natural Gas Decoupled Revenue Mechanism
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8	- Weather-Normalized Therm Delivery Volume	8,388,798	7,067,063	7,321,090	4,504,842	3,032,887	2,350,236	1,876,476	1,951,922	2,623,332	5,074,866	6,054,567	8,501,656	58,747,734
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10														
11	Monthly Decoupled Revenue Per Customer ("RPC")													
12	<i>Residential*</i>													
13	-UG-2/0901 Decoupled RPC													
14	-Monthly Decoupled RPC	\$ 76.96	\$ 65.57	\$ 52.36	\$ 34.02	\$ 16.59	\$ 12.76	\$ 8.45	\$ 7.91	\$ 12.50	\$ 30.57	\$ 59.06	\$ 78.21	\$ 454.96
15														
16	<i>Non-Residential**</i>													
17	-UG-2/0901 Decoupled RPC													
18	-Monthly Decoupled RPC	\$ 746.52	\$ 628.90	\$ 651.51	\$ 400.89	\$ 269.90	\$ 209.15	\$ 166.99	\$ 173.70	\$ 233.45	\$ 451.61	\$ 538.80	\$ 756.57	\$ 5,227.98
19														
20	*Rate Schedules 101, 102.													
21	**Rate Schedules 111, 112, 116, 131.													

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