

ATTACHMENT B

Schedule 175

Annual Natural Gas Decoupling Rate Adjustment

2016 Deferred Revenue Calculation

2016 NATURAL GAS DECOUPLING DEFERRAL CALCULATIONS

Avista Utilities
 Decoupling Mechanism - UG-150205 Base effective 1/11/2016
 Development of WA Natural Gas Deferrals (Calendar Year 2016)

Line No.	Source	32%		68%		Pro Rated										2016 YTD	
		Old Base	New Base	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total	
(a)	(b)	(c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n) (o)															
Residential Group																	
1	Actual Customers	Revenue System	49,326	103,586	152,912	153,882	153,511	153,360	153,389	153,224	153,459	153,740	154,156	154,684	155,353	155,792	1,847,462
2	Monthly Decoupled Revenue per Customer	Attachment 5, Page 3	\$48.14	\$61.49	\$57.18	\$50.87	\$41.03	\$22.87	\$14.23	\$8.72	\$6.09	\$5.95	\$7.93	\$25.20	\$43.40	\$63.19	\$28.93
3	Decoupled Revenue	(1) x (2)	\$ 2,374,462	\$ 6,369,157	\$ 8,743,619	\$ 7,827,450	\$ 6,298,618	\$ 3,507,375	\$ 2,182,868	\$ 1,335,470	\$ 934,689	\$ 915,255	\$ 1,222,406	\$ 3,897,428	\$ 6,742,516	\$ 9,844,200	\$ 53,451,894
	Actual Usage (informational only)	Revenue System	6,502,859	13,656,003	20,158,862	14,311,636	12,256,797	5,360,973	3,390,462	2,769,530	2,296,193	2,357,534	3,002,763	7,275,160	11,371,978	24,244,299	
	Actual Base Rate Revenue (Excludes Gas Costs)	Revenue System	\$ 3,329,859	\$ 6,992,704	\$ 10,322,563	\$ 7,563,312	\$ 6,495,025	\$ 3,429,418	\$ 2,661,586	\$ 2,472,638	\$ 2,330,790	\$ 2,442,106	\$ 2,634,492	\$ 4,372,688	\$ 6,355,325	\$ 11,925,970	
4	Actual Fixed Charge Revenue	Revenue System	\$ 449,251	\$ 943,427	\$ 1,392,678	\$ 1,402,065	\$ 1,398,500	\$ 1,402,389	\$ 1,406,025	\$ 1,409,895	\$ 1,407,339	\$ 1,413,126	\$ 1,411,704	\$ 1,414,453	\$ 1,417,988	\$ 1,420,221	
5	Customer Decoupled Payments	(4) - (5)	\$ 2,880,608	\$ 6,049,277	\$ 8,929,885	\$ 6,161,247	\$ 5,096,525	\$ 2,027,029	\$ 1,255,561	\$ 1,062,743	\$ 923,451	\$ 1,028,980	\$ 1,222,788	\$ 2,958,235	\$ 4,937,338	\$ 10,505,750	\$ 46,109,530
6	Residential Revenue Per Customer Received		\$58.40	\$58.40	\$58.40	\$40.04	\$33.20	\$13.22	\$8.19	\$6.94	\$6.02	\$6.69	\$7.93	\$19.12	\$31.78	\$67.43	\$24.96
7	Deferral - Surcharge (Rebate)	(3) - (6)	\$ (506,146)	\$ 319,880	\$ (186,266)	\$ 1,666,203	\$ 1,202,093	\$ 1,480,346	\$ 927,307	\$ 272,727	\$ 11,238	\$ (113,725)	\$ (382)	\$ 939,193	\$ 1,805,178	\$ (661,549)	\$ 7,342,364
8	Deferral - Revenue Related Expenses	Rev Conv Factor	\$ 22,674	\$ (14,608)	\$ 8,066	\$ (76,092)	\$ (54,897)	\$ (67,604)	\$ (42,348)	\$ (12,455)	\$ (513)	\$ 5,194	\$ 17	\$ (42,891)	\$ (82,439)	\$ 30,212	\$ (335,752)
	FERC Rate				3.25%	3.25%	3.25%	3.46%	3.46%	3.46%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	
9	Interest on Deferral	Avg Balance Calc			\$ (241)	\$ 1,670	\$ 5,381	\$ 9,435	\$ 12,775	\$ 14,463	\$ 15,067	\$ 14,969	\$ 14,853	\$ 16,203	\$ 20,070	\$ 21,720	\$ 146,365
	Monthly Residential Deferral Totals				\$ (178,442)	\$ 1,591,781	\$ 1,152,577	\$ 1,422,177	\$ 897,734	\$ 274,735	\$ 25,792	\$ (93,563)	\$ 14,489	\$ 912,505	\$ 1,742,809	\$ (609,617)	\$ 7,152,977
10	Cumulative Residential Deferral Surcharge/(Rebate) Balance	Σ((7) - (9))			\$ (178,442)	\$ 1,413,339	\$ 2,565,916	\$ 3,988,093	\$ 4,885,826	\$ 5,160,561	\$ 5,186,354	\$ 5,092,791	\$ 5,107,280	\$ 6,019,785	\$ 7,762,595	\$ 7,152,977	
Non-Residential Group																	
11	Actual Customers	Revenue System	859	1,805	2,664	2,705	2,708	2,797	2,769	2,793	2,794	2,775	2,794	2,798	2,812	2,833	33,242
12	Monthly Decoupled Revenue per Customer	Attachment 5, Page 3	\$642.24	\$753.65	\$717.71	\$633.97	\$560.25	\$374.05	\$292.94	\$222.78	\$168.58	\$165.55	\$202.04	\$414.48	\$584.57	\$759.99	\$423.41
13	Decoupled Revenue	(11) x (12)	\$ 551,908	\$ 1,360,069	\$ 1,911,977	\$ 1,714,893	\$ 1,517,144	\$ 1,046,220	\$ 811,149	\$ 622,215	\$ 471,003	\$ 459,395	\$ 564,489	\$ 1,159,725	\$ 1,643,817	\$ 2,153,056	\$ 14,075,082
	Actual Usage (informational only)				6,913,974	5,609,302	5,156,824	2,896,859	2,532,832	1,900,306	1,776,830	1,842,874	2,260,370	4,076,896	4,431,065	8,810,762	
	Actual Base Rate Revenue (Excludes Gas Costs)	Revenue System	\$ 642,749	\$ 1,349,772	\$ 1,992,521	\$ 1,706,491	\$ 1,603,845	\$ 1,020,533	\$ 884,603	\$ 726,949	\$ 690,821	\$ 709,441	\$ 818,005	\$ 1,285,548	\$ 1,504,422	\$ 2,468,211	
14	Actual Fixed Charge Revenue	Revenue System	\$ 78,920	\$ 165,731	\$ 244,651	\$ 275,956	\$ 279,705	\$ 288,136	\$ 285,292	\$ 287,768	\$ 287,473	\$ 286,537	\$ 287,792	\$ 287,908	\$ 324,817	\$ 258,141	
15	Customer Decoupled Payments	(14) - (15)	\$ 563,829	\$ 1,184,041	\$ 1,747,870	\$ 1,430,535	\$ 1,324,140	\$ 732,397	\$ 599,311	\$ 439,181	\$ 403,348	\$ 422,904	\$ 530,213	\$ 997,640	\$ 1,179,605	\$ 2,210,070	\$ 12,017,213
16	Non-Residential Revenue Per Customer Received		\$656.11	\$656.11	\$656.11	\$528.85	\$488.97	\$261.85	\$216.44	\$157.24	\$144.36	\$152.40	\$189.77	\$356.55	\$419.49	\$780.12	\$361.51
17	Deferral - Surcharge (Rebate)	(13) - (16)	\$ (11,921)	\$ 176,028	\$ 164,107	\$ 284,359	\$ 193,004	\$ 313,823	\$ 211,838	\$ 183,034	\$ 67,655	\$ 36,491	\$ 34,276	\$ 162,085	\$ 464,212	\$ (57,014)	\$ 2,057,869
18	Deferral - Revenue Related Expenses	Rev Conv Factor	\$ 534	\$ (8,039)	\$ (7,505)	\$ (12,986)	\$ (8,814)	\$ (14,332)	\$ (9,674)	\$ (8,359)	\$ (3,090)	\$ (1,666)	\$ (7,402)	\$ (1,565)	\$ (21,200)	\$ 2,604	\$ (93,989)
	FERC Rate				3.25%	3.25%	3.25%	3.46%	3.46%	3.46%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	
19	Interest on Deferral	Avg Balance Calc			\$ 212	\$ 792	\$ 1,411	\$ 2,204	\$ 2,933	\$ 3,485	\$ 3,884	\$ 4,041	\$ 4,151	\$ 4,436	\$ 5,321	\$ 5,903	\$ 38,775
	Monthly Non-Residential Deferral Totals				\$ 156,815	\$ 272,165	\$ 185,601	\$ 301,695	\$ 205,097	\$ 178,160	\$ 68,449	\$ 38,865	\$ 36,861	\$ 159,119	\$ 448,333	\$ (48,507)	\$ 2,002,654
20	Cumulative Non-Residential Deferral Surcharge/(Rebate) Balance	Σ((17) - (19))			\$ 156,815	\$ 428,979	\$ 614,580	\$ 916,275	\$ 1,121,373	\$ 1,299,533	\$ 1,367,982	\$ 1,406,848	\$ 1,443,709	\$ 1,602,828	\$ 2,051,162	\$ 2,002,654	
21	Total Cumulative Natural Gas Deferral	(10) + (20)			\$ (21,627)	\$ 1,842,318	\$ 3,180,496	\$ 4,904,368	\$ 6,007,199	\$ 6,460,094	\$ 6,554,336	\$ 6,499,639	\$ 6,550,989	\$ 7,622,614	\$ 9,813,756	\$ 9,155,632	

Docket No. UG-150205 Authorized Decoupling Baseline

Avista Utilities
Natural Gas Decoupling Mechanism
Development of Decoupled Revenue by Rate Schedule - Natural Gas

	TOTAL	RESIDENTIAL SCHEDULE 101	GENERAL SVC. SCH. 111	LG. GEN. SVC. SCH. 121	INTERRUPTIBLE SCH 131	SCHEDULES 112, 122, 132	SCHEDULES 146 & 148
1 Total Normalized 12 ME Sept 2014 Revenue	\$ 146,557,000	\$ 106,954,000	\$ 31,478,000	\$ 2,973,000	\$ -	\$ 968,000	\$ 4,184,000
2 Allowed Revenue Increase (Attachment 2)	\$ 10,824,000	\$ 8,398,000	\$ 1,867,000	\$ 161,000	\$ -	\$ 40,000	\$ 358,000
3 Total Rate Revenue (January 11, 2016)	\$ 157,381,000	\$ 115,352,000	\$ 33,345,000	\$ 3,134,000	\$ -	\$ 1,008,000	\$ 4,542,000
4 Normalized Therms (12ME Sept 2014 Test Year)	255,186,931	120,721,607	47,537,282	5,069,530	-	1,781,211	80,077,301
5 11/1/2015 Schedule 150 PGA Rates		\$ 0.38907	\$ 0.38166	\$ 0.37077	\$ 0.33645		
6 Variable Gas Supply Revenue	\$ 66,991,864	\$ 46,969,156	\$ 18,143,079	\$ 1,879,630	\$ -		
7 Delivery Revenue (Ln 3 - Ln 6)	\$ 84,839,136	\$ 68,382,844	\$ 15,201,921	\$ 1,254,370	\$ -		
8 Customer Bills (12ME Sept 2014 Test Year)	1,819,516	1,787,943	30,697	312	0	48	516
9 Allowed Basic Charges		\$9.00	\$101.44	\$252.28	\$0.00		
10 Basic Charge Revenue (Ln 8 * Ln 9)	\$ 19,284,102	\$ 16,091,487	\$ 3,113,904	\$ 78,711	\$ -		
11 Decoupled Revenue	\$ 65,555,034	\$ 52,291,357	\$ 12,088,017	\$ 1,175,659	\$ -	Excluded From Decoupling	
		Residential	Non-Residential Group				
12 Average Number of Customers (Line 8 / 12)		148,995	2,584				
13 Annual Therms		120,721,607	52,606,812				
14 Basic Charge Revenues		\$ 16,091,487	\$ 3,192,615				
15 Customer Bills		1,787,943	31,009				
16 Average Basic Charge		\$9.00	\$102.96				

Avista Utilities
Natural Gas Decoupling Mechanism
Development of Decoupled Revenue Per Customer - Natural Gas

Line No.	Source	Residential	Non-Residential Schedules*
(a)	(b)	(c)	(d)
1	Decoupled Revenues	Attachment 5, Page 1	\$ 52,291,357 \$ 13,263,676
2	Test Year # of Customers 12 ME 09.2014	Revenue Data	148,995 2,584
3	Decoupled Revenue Per Customer	(1) / (2)	\$ 350.96 \$ 5,132.84

*Sales Schedules 111, 121, 131.

Docket No. UG-150205 Authorized Decoupling Baseline

Avista Utilities
Natural Gas Decoupling Mechanism
'Development of Monthly Decoupled Revenue Per Customer - Natural Gas

Line No.	Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
1															
2	<u>Natural Gas Delivery Volume</u>														
3	<i>Residential</i>														
4	- Weather-Normalized Therm Delivery Volume	Monthly Rate Year	21,149,989	17,496,849	14,113,448	7,866,788	4,895,089	2,998,022	2,095,088	2,047,777	2,727,612	8,666,827	14,928,966	21,735,152	120,721,607
5	- % of Annual Total	% of Total	17.52%	14.49%	11.69%	6.52%	4.05%	2.48%	1.74%	1.70%	2.26%	7.18%	12.37%	18.00%	100.00%
6															
7	<i>Non-Residential Sales*</i>														
8	- Weather-Normalized Therm Delivery Volume	Monthly Rate Year	7,724,199	6,497,617	5,741,989	3,833,669	3,002,355	2,283,253	1,727,751	1,696,708	2,070,681	4,248,069	5,991,318	7,789,203	52,606,812
9	- % of Annual Total	% of Total	14.68%	12.35%	10.91%	7.29%	5.71%	4.34%	3.28%	3.23%	3.94%	8.08%	11.39%	14.81%	100.00%
10															
11	<u>Monthly Decoupled Revenue Per Customer ("RPC")</u>														
12	<i>Residential</i>														
13	-UG-150205 Decoupled RPC	Attachment 5, P. 2 L. 3													\$ 350.96
14	-Monthly Decoupled RPC	(5) x (13)	\$ 61.49	\$ 50.87	\$ 41.03	\$ 22.87	\$ 14.23	\$ 8.72	\$ 6.09	\$ 5.95	\$ 7.93	\$ 25.20	\$ 43.40	\$ 63.19	\$ 350.96
15															
16	<i>Non-Residential Sales*</i>														
17	-UG-150205 Decoupled RPC	Attachment 5, P. 2 L. 3													\$ 5,132.84
18	-Monthly Decoupled RPC	(9) x (17)	\$ 753.65	\$ 633.97	\$ 560.25	\$ 374.05	\$ 292.94	\$ 222.78	\$ 168.58	\$ 165.55	\$ 202.04	\$ 414.48	\$ 584.57	\$ 759.99	\$ 5,132.84
19															
20	*Sales Schedules 111, 121, 131.														