

Avista Utilities
 Estimated Rate Impact of Pipe Replacement Program

			2011	2012	2013	2014	2015
Estimated Revenue Requirement of Program UG-170486			\$ 338,896	\$ 12,114	\$ 1,682,973	\$ 1,128,274	\$ 1,277,193
Rate Impact Total \$	Base Rate (Margin) Revenue	Equal % assignment					
Schedule 101	\$ 67,621,992	77.5%	\$ 262,750	\$ 9,392	\$ 1,304,830	\$ 874,765	\$ 990,224
Schedule 111/112	15,462,088	17.7%	60,079	2,148	298,356	200,019	226,419
Schedule 121/122	1,024,176	1.2%	3,980	142	19,762	13,249	14,998
Schedule 131/132	190,168	0.2%	739	26	3,669	2,460	2,785
Schedule 146	2,920,576	3.3%	11,348	406	56,355	37,781	42,768
Total	\$ 87,219,000	100%	\$ 338,896	\$ 12,114	\$ 1,682,973	\$ 1,128,274	\$ 1,277,193
Rate Impact \$/Cust	Avg Customers		Annual Average \$ per Customer				
Schedule 101	153,955		\$1.71	\$0.06	\$8.48	\$5.68	\$6.43
Schedule 111/112	2,749		\$21.86	\$0.78	\$108.55	\$72.77	\$82.38
Schedule 121/122	23		\$174.92	\$6.25	\$868.68	\$582.37	\$659.23
Schedule 131/132	2		\$369.46	\$13.21	\$1,834.74	\$1,230.02	\$1,392.36
Schedule 146	40		\$283.70	\$10.14	\$1,408.88	\$944.52	\$1,069.19
Total	156,769		\$2.16	\$0.08	\$10.74	\$7.20	\$8.15
Percent Increase	Billed Revenue						
Schedule 101	\$ 111,661,000		0.24%	0.01%	1.20%	0.80%	0.89%
Schedule 111/112	32,707,000		0.19%	0.01%	0.93%	0.62%	0.70%
Schedule 121/122	2,620,000		0.15%	0.01%	0.77%	0.51%	0.58%
Schedule 131/132	519,000		0.15%	0.01%	0.72%	0.48%	0.54%
Schedule 146	2,970,000		0.40%	0.01%	1.99%	1.31%	1.46%
Total	\$ 150,477,000		0.23%	0.01%	1.15%	0.76%	0.86%

Note: Annual Revenue Requirement on New Investments declines over time because accumulated depreciation and accumulated Deferred FIT on all prior vintages reduces current year rate base.

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Estimated Rate Impact of Pipe Replacement Program

			2016	2017	2018	2019	2020	2021
Estimated Revenue Requirement of Program UG-170486	\$		1,380,726	\$ 1,211,623	\$ 1,303,294	\$ 1,202,900	\$ 1,165,088	\$ 1,132,641
Rate Impact Total \$	Base Rate (Margin) Revenue	Equal % assignment						
Schedule 101	\$ 67,621,992	77.5%	\$ 1,070,494	\$ 939,387	\$ 1,010,460	\$ 932,624	\$ 903,307	\$ 878,151
Schedule 111/112	15,462,088	17.7%	244,774	214,795	231,047	213,249	206,546	200,793
Schedule 121/122	1,024,176	1.2%	16,213	14,228	15,304	14,125	13,681	13,300
Schedule 131/132	190,168	0.2%	3,010	2,642	2,842	2,623	2,540	2,470
Schedule 146	2,920,576	3.3%	46,234	40,572	43,642	40,280	39,014	37,927
Total	\$ 87,219,000	100%	\$ 1,380,726	\$ 1,211,623	\$ 1,303,294	\$ 1,202,900	\$ 1,165,088	\$ 1,132,641
Rate Impact \$/Cust	Avg Customers							
				Annual Average \$ per Customer				
Schedule 101	153,955		\$6.95	\$6.10	\$6.56	\$6.06	\$5.87	\$5.70
Schedule 111/112	2,749		\$89.05	\$78.15	\$84.06	\$77.58	\$75.15	\$73.05
Schedule 121/122	23		\$712.67	\$625.39	\$672.70	\$620.89	\$601.37	\$584.62
Schedule 131/132	2		\$1,505.23	\$1,320.88	\$1,420.82	\$1,311.37	\$1,270.15	\$1,234.78
Schedule 146	40		\$1,155.86	\$1,014.30	\$1,091.04	\$1,006.99	\$975.34	\$948.18
Total	156,769		\$8.81	\$7.73	\$8.31	\$7.67	\$7.43	\$7.22
Percent Increase	Billed Revenue							
Schedule 101	\$ 111,661,000		0.96%	0.83%	0.89%	0.81%	0.78%	0.75%
Schedule 111/112	32,707,000		0.75%	0.65%	0.70%	0.64%	0.61%	0.59%
Schedule 121/122	2,620,000		0.62%	0.54%	0.58%	0.53%	0.51%	0.49%
Schedule 131/132	519,000		0.58%	0.51%	0.54%	0.50%	0.48%	0.46%
Schedule 146	2,970,000		1.56%	1.35%	1.43%	1.30%	1.24%	1.19%
Total	\$ 150,477,000		0.92%	0.80%	0.85%	0.78%	0.75%	0.72%

Note: Annual Revenue Requirement on New Investments due to
accumulated Deferred FIT on all prior vintages reduced

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Estimated Rate Impact of Pipe Replacement Program

			2022	2023	2024	2025	2026	2027
Estimated Revenue Requirement of Program UG-170486	\$		1,099,862	\$ 1,067,168	\$ 1,034,443	\$ 1,001,757	\$ 969,024	\$ 936,275
Rate Impact Total \$	Base Rate (Margin) Revenue	Equal % assignment						
Schedule 101	\$ 67,621,992	77.5%	\$ 852,737	\$ 827,389	\$ 802,017	\$ 776,675	\$ 751,297	\$ 725,906
Schedule 111/112	15,462,088	17.7%	194,982	189,186	183,385	177,590	171,788	165,982
Schedule 121/122	1,024,176	1.2%	12,915	12,531	12,147	11,763	11,379	10,994
Schedule 131/132	190,168	0.2%	2,398	2,327	2,255	2,184	2,113	2,041
Schedule 146	2,920,576	3.3%	36,829	35,735	34,639	33,544	32,448	31,352
Total	\$ 87,219,000	100%	\$ 1,099,862	\$ 1,067,168	\$ 1,034,443	\$ 1,001,757	\$ 969,024	\$ 936,275
Rate Impact \$/Cust	Avg Customers							Annual Average \$ p
Schedule 101	153,955		\$5.54	\$5.37	\$5.21	\$5.04	\$4.88	\$4.72
Schedule 111/112	2,749		\$70.94	\$68.83	\$66.72	\$64.61	\$62.50	\$60.39
Schedule 121/122	23		\$567.70	\$550.83	\$533.94	\$517.06	\$500.17	\$483.27
Schedule 131/132	2		\$1,199.04	\$1,163.40	\$1,127.72	\$1,092.09	\$1,056.41	\$1,020.70
Schedule 146	40		\$920.74	\$893.37	\$865.97	\$838.61	\$811.21	\$783.79
Total	156,769		\$7.02	\$6.81	\$6.60	\$6.39	\$6.18	\$5.97
Percent Increase	Billed Revenue							
Schedule 101	\$ 111,661,000		0.73%	0.70%	0.67%	0.65%	0.62%	0.60%
Schedule 111/112	32,707,000		0.57%	0.55%	0.53%	0.51%	0.49%	0.48%
Schedule 121/122	2,620,000		0.48%	0.46%	0.44%	0.43%	0.41%	0.40%
Schedule 131/132	519,000		0.45%	0.43%	0.42%	0.40%	0.39%	0.37%
Schedule 146	2,970,000		1.14%	1.10%	1.05%	1.01%	0.97%	0.92%
Total	\$ 150,477,000		0.70%	0.67%	0.65%	0.62%	0.60%	0.57%

Note: Annual Revenue Requirement on New Investments due to
accumulated Deferred FIT on all prior vintages reduced

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Estimated Rate Impact of Pipe Replacement Program

			2028	2029	2030	2031	2032
Estimated Revenue Requirement of Program	\$		903,534	\$ 870,786	\$ 838,045	\$ 807,232	\$ 776,552
UG-170486							
Rate Impact Total \$	Base Rate (Margin) Revenue	Equal % assignment					
Schedule 101	\$ 67,621,992	77.5%	\$ 700,521	\$ 675,131	\$ 649,747	\$ 625,857	\$ 602,071
Schedule 111/112	15,462,088	17.7%	160,178	154,372	148,568	143,105	137,666
Schedule 121/122	1,024,176	1.2%	10,610	10,225	9,841	9,479	9,119
Schedule 131/132	190,168	0.2%	1,970	1,899	1,827	1,760	1,693
Schedule 146	2,920,576	3.3%	30,255	29,159	28,062	27,031	26,003
Total	\$ 87,219,000	100%	\$ 903,534	\$ 870,786	\$ 838,045	\$ 807,232	\$ 776,552
Rate Impact \$/Cust	Avg Customers						
Schedule 101	153,955		\$4.55	\$4.39	\$4.22	\$4.07	\$3.91
Schedule 111/112	2,749		\$58.28	\$56.16	\$54.05	\$52.07	\$50.09
Schedule 121/122	23		\$466.37	\$449.46	\$432.56	\$416.66	\$400.82
Schedule 131/132	2		\$985.01	\$949.31	\$913.62	\$880.02	\$846.58
Schedule 146	40		\$756.38	\$728.97	\$701.56	\$675.77	\$650.08
Total	156,769		\$5.76	\$5.55	\$5.35	\$5.15	\$4.95
Percent Increase	Billed Revenue						
Schedule 101	\$ 111,661,000		0.57%	0.55%	0.53%	0.50%	0.48%
Schedule 111/112	32,707,000		0.46%	0.44%	0.42%	0.40%	0.39%
Schedule 121/122	2,620,000		0.38%	0.37%	0.35%	0.34%	0.32%
Schedule 131/132	519,000		0.36%	0.34%	0.33%	0.32%	0.30%
Schedule 146	2,970,000		0.88%	0.84%	0.81%	0.77%	0.74%
Total	\$ 150,477,000		0.55%	0.53%	0.51%	0.48%	0.46%

Note: Annual Revenue Requirement on New Investments does not include accumulated Deferred FIT on all prior vintages reduced