

Avista Utilities

Estimated Rate Impact of Pipe Replacement Program

Company Proposed rate of return, all items other than program costs constant

			UG-120437 Requested Amount	Incremental EOP 2013	2014	2015	2016	2017	2018
Estimated Revenue Requirement of Program			\$ 1,129,626	\$ 291,432	\$ 746,426	\$ 737,007	\$ 715,008	\$ 693,942	\$ 673,739
Rate Impact Total \$	Present Revenue	Equal % assignment							
Schedule 101	\$ 105,609,000	73%	\$ 827,980	\$ 213,610	\$ 547,107	\$ 540,203	\$ 524,078	\$ 508,638	\$ 493,829
Schedule 111/112	32,015,000	22%	250,999	64,755	165,854	163,761	158,873	154,192	149,703
Schedule 121/122	3,894,000	3%	30,529	7,876	20,173	19,918	19,324	18,754	18,208
Schedule 131/132	365,000	0%	2,862	738	1,891	1,867	1,811	1,758	1,707
Schedule 146	2,201,000	2%	17,256	4,452	11,402	11,258	10,922	10,601	10,292
<b>Total</b>	<b>\$ 144,084,000</b>	<b>100%</b>	<b>\$ 1,129,626</b>	<b>\$ 291,432</b>	<b>\$ 746,426</b>	<b>\$ 737,007</b>	<b>\$ 715,008</b>	<b>\$ 693,942</b>	<b>\$ 673,739</b>
Rate Impact \$/Cust	Avg Customers	Annual Average \$ per Customer							
Schedule 101	145,688	\$5.68	\$1.47	\$3.76	\$3.71	\$3.60	\$3.49	\$3.39	
Schedule 111/112	2,399	\$104.64	\$27.00	\$69.15	\$68.27	\$66.24	\$64.28	\$62.41	
Schedule 121/122	26	\$1,174.20	\$302.93	\$775.88	\$766.09	\$743.22	\$721.32	\$700.32	
Schedule 131/132	1	\$2,861.62	\$738.27	\$1,890.88	\$1,867.02	\$1,811.29	\$1,757.93	\$1,706.75	
Schedule 146	37	\$466.38	\$120.32	\$308.17	\$304.28	\$295.20	\$286.50	\$278.16	
<b>Total</b>	<b>148,151</b>	<b>\$7.62</b>	<b>\$1.97</b>	<b>\$5.04</b>	<b>\$4.97</b>	<b>\$4.83</b>	<b>\$4.68</b>	<b>\$4.55</b>	
Percent Increase									
Schedule 101	0.78% 0.20% 0.51% 0.50% 0.49% 0.47% 0.45%								
Schedule 111/112	0.78% 0.20% 0.51% 0.50% 0.49% 0.47% 0.45%								
Schedule 121/122	0.78% 0.20% 0.51% 0.50% 0.49% 0.47% 0.45%								
Schedule 131/132	0.78% 0.20% 0.51% 0.50% 0.49% 0.47% 0.45%								
Schedule 146	0.78% 0.20% 0.51% 0.50% 0.49% 0.47% 0.45%								
<b>Total</b>	<b>0.78% 0.20% 0.51% 0.50% 0.49% 0.47% 0.45%</b>								

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.

Avista Utilities

Estimated Rate Impact of Pipe Replacement Program

			2019	2020	2021	2022	2023	2024	2025	2026
Estimated Revenue Requirement of Program			\$ 556,937	\$ 531,820	\$ 515,782	\$ 499,628	\$ 483,341	\$ 466,933	\$ 450,412	\$ 433,787
Rate Impact Total \$	Present Revenue	Equal % assignment								
Schedule 101	\$ 105,609,000	73%	\$ 408,217	\$ 389,807	\$ 378,052	\$ 366,211	\$ 354,274	\$ 342,247	\$ 330,137	\$ 317,952
Schedule 111/112	32,015,000	22%	123,750	118,169	114,605	111,016	107,397	103,751	100,080	96,386
Schedule 121/122	3,894,000	3%	15,052	14,373	13,939	13,503	13,063	12,619	12,173	11,723
Schedule 131/132	365,000	0%	1,411	1,347	1,307	1,266	1,224	1,183	1,141	1,099
Schedule 146	2,201,000	2%	8,508	8,124	7,879	7,632	7,383	7,133	6,880	6,626
<b>Total</b>	<b>\$ 144,084,000</b>	<b>100%</b>	<b>\$ 556,937</b>	<b>\$ 531,820</b>	<b>\$ 515,782</b>	<b>\$ 499,628</b>	<b>\$ 483,341</b>	<b>\$ 466,933</b>	<b>\$ 450,412</b>	<b>\$ 433,787</b>
Rate Impact \$/Cust	Avg Customers		Annual Average \$ per Customer							
Schedule 101	145,688		\$2.80	\$2.68	\$2.59	\$2.51	\$2.43	\$2.35	\$2.27	\$2.18
Schedule 111/112	2,399		\$51.59	\$49.27	\$47.78	\$46.28	\$44.78	\$43.26	\$41.72	\$40.18
Schedule 121/122	26		\$578.91	\$552.80	\$536.13	\$519.34	\$502.41	\$485.36	\$468.18	\$450.90
Schedule 131/132	1		\$1,410.86	\$1,347.23	\$1,306.60	\$1,265.68	\$1,224.42	\$1,182.86	\$1,141.00	\$1,098.89
Schedule 146	37		\$229.94	\$219.57	\$212.95	\$206.28	\$199.55	\$192.78	\$185.96	\$179.09
<b>Total</b>	<b>148,151</b>		<b>\$3.76</b>	<b>\$3.59</b>	<b>\$3.48</b>	<b>\$3.37</b>	<b>\$3.26</b>	<b>\$3.15</b>	<b>\$3.04</b>	<b>\$2.93</b>
Percent Increase										
Schedule 101			0.37%	0.36%	0.34%	0.33%	0.32%	0.31%	0.30%	0.28%
Schedule 111/112			0.37%	0.36%	0.34%	0.33%	0.32%	0.31%	0.30%	0.28%
Schedule 121/122			0.37%	0.36%	0.34%	0.33%	0.32%	0.31%	0.30%	0.28%
Schedule 131/132			0.37%	0.36%	0.34%	0.33%	0.32%	0.31%	0.30%	0.28%
Schedule 146			0.37%	0.36%	0.34%	0.33%	0.32%	0.31%	0.30%	0.28%
<b>Total</b>			<b>0.37%</b>	<b>0.36%</b>	<b>0.34%</b>	<b>0.33%</b>	<b>0.32%</b>	<b>0.31%</b>	<b>0.30%</b>	<b>0.28%</b>

Note: Annual Revenue Requirement on New Investments de accumulated Deferred FIT on all prior vintages reduc

Avista Utilities  
 Estimated Rate Impact of Pipe Replacement Program

			2027	2028	2029	2030	2031	2032
Estimated Revenue Requirement of Program			\$ 417,144	\$ 303,382	\$ 280,998	\$ 267,519	\$ 256,115	\$ 247,751
Rate Impact Total \$	Present Revenue	Equal % assignment						
Schedule 101	\$ 105,609,000	73%	\$ 305,753	\$ 222,370	\$ 205,963	\$ 196,083	\$ 187,724	\$ 181,594
Schedule 111/112	32,015,000	22%	92,688	67,411	62,437	59,442	56,908	55,050
Schedule 121/122	3,894,000	3%	11,274	8,199	7,594	7,230	6,922	6,696
Schedule 131/132	365,000	0%	1,057	769	712	678	649	628
Schedule 146	2,201,000	2%	6,372	4,634	4,292	4,087	3,912	3,785
Total	\$ 144,084,000	100%	\$ 417,144	\$ 303,382	\$ 280,998	\$ 267,519	\$ 256,115	\$ 247,751
Rate Impact \$/Cust	Avg Customers		Annual Average \$ per Customer					
Schedule 101	145,688		\$2.10	\$1.53	\$1.41	\$1.35	\$1.29	\$1.25
Schedule 111/112	2,399		\$38.64	\$28.10	\$26.03	\$24.78	\$23.73	\$22.95
Schedule 121/122	26		\$433.60	\$315.35	\$292.09	\$278.07	\$266.22	\$257.53
Schedule 131/132	1		\$1,056.73	\$768.54	\$711.84	\$677.69	\$648.80	\$627.61
Schedule 146	37		\$172.22	\$125.25	\$116.01	\$110.45	\$105.74	\$102.29
Total	148,151		\$2.82	\$2.05	\$1.90	\$1.81	\$1.73	\$1.67
Percent Increase								
Schedule 101			0.27%	0.20%	0.18%	0.17%	0.17%	0.16%
Schedule 111/112			0.27%	0.20%	0.18%	0.17%	0.17%	0.16%
Schedule 121/122			0.27%	0.20%	0.18%	0.17%	0.17%	0.16%
Schedule 131/132			0.27%	0.20%	0.18%	0.17%	0.17%	0.16%
Schedule 146			0.27%	0.20%	0.18%	0.17%	0.17%	0.16%
Total			0.27%	0.20%	0.18%	0.17%	0.17%	0.16%

Note: Annual Revenue Requirement on New Investments de  
 accumulated Deferred FIT on all prior vintages reduc