

**BEFORE THE WASHINGTON
UTILITIES & TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,

Complainant,

v.

AVISTA CORPORATION d/b/a AVISTA UTILITIES,

Respondent.

DOCKET NOS. UE-200900 and UG-200901 (*Consolidated*)

SHAY BAUMAN

**ON BEHALF OF THE
WASHINGTON STATE OFFICE OF THE ATTORNEY GENERAL
PUBLIC COUNSEL UNIT**

EXHIBIT SB-2

Second Revised Avista Response to Public Counsel Data Request No. 131,

Attachment A and B

April 21, 2021

**AVISTA CORP.
RESPONSE TO REQUEST FOR INFORMATION**

JURISDICTION:	WASHINGTON	DATE PREPARED:	03/15//2021
CASE NO.:	UE-200900 & UG-200901	WITNESS:	Elizabeth Andrews
REQUESTER:	Public Counsel	RESPONDER:	Jeanne Pluth
TYPE:	Data Request	DEPT:	Regulatory Affairs
REQUEST NO.:	PC – 131 Revised 2	TELEPHONE:	(509) 495-2204
		EMAIL:	jeanne.pluth@avistacorp.com

SUBJECT: AMI

REQUEST:

Please refer to Joshua D. DiLuciano, Exhibit JDD, at 38, Table 3-1, which provides capital and operating expenses by year for the AMI deployment.

- a) Estimate the Electric Revenue Requirement by year from the effective date of the current rate case through the date by which all Electric AMI assets are expected to be fully depreciated. Assume all AMI-related proposals Avista requests in the current rate case are approved by the Commission when developing this response. Provide worksheets in MS Excel format used to develop this response.
- b) Estimate the Gas Revenue Requirement by year from the effective date of the current rate case through the date by which all Gas AMI assets are expected to be fully depreciated. Assume all AMI-related proposals Avista requests in the current rate case are approved by the Commission when developing this response.

REVISED RESPONSE 2 (3/15/2021): When reviewing the revised response provided on March 1, 2021, it was determined that the data had inadvertently not been updated to the most recent cost estimates to complete the AMI project. A revised AMI adjustment was provided in Staff-DR-107-3.16. Using those revised costs, the Company is providing PC-DR-131 Revised 2 -Attachment A and PC-DR-131 Revised 2 - Attachment B. All other materials to the response are unaffected.

- a) Please see PC-DR-131 Revised 2 - Attachment A for the electric revenue requirement analysis, prepared from Table 3-1 in Exh. JDD-2 (Revised/Clean), which table has been included as part of this response, below. This analysis was prepared using updated data described above. The analysis calculates the revenue requirement for each year and does not calculate the incremental amount over what has been included in base rates in any previous year.

- a) Please see PC-DR-131 Revised 2- Attachment B for the electric revenue requirement analysis This analysis was prepared using updated data. The analysis calculates the revenue requirement for each year and does not calculate the incremental amount over what has been included in base rates in any previous year.

The Company has also provided PC-DR-131 Revised Attachment C, which details the costs of the AMI program and PC-DR-131 Revised Attachment D, which details the benefits of the AMI program.

Please see Avista's response to PC-DR-143, noting Avista's recent decision to read the meters of approximately 17,500 natural gas customers served in our "natural gas only" areas using mobile field collectors instead of the planned deployment of AMI fixed network communications. This decision had a nominal impact on the AMI project lifecycle capital and O&M costs and net financial benefits, as presented in Exh. JDD-2, and the Company has revised its business case to reflect this decision.

Avista believes it is in the interest of all parties to have the Company's AMI business case reflect as much actual and updated information as is practical right now, even though the impact to the overall net benefits is nominal. Accordingly, we have updated the project financials, which updates are reflected in revised

AMI Cost and Benefit Workbooks, and the revised report document itself, to be filed as Exh. JDD-2 (Revised).¹

TABLE 3-1. ACTUAL AND ESTIMATED LIFECYCLE CAPITAL (CAP) AND EXPENSES (EXP), ON A NOMINAL BASIS IN \$MILLIONS, FOR AVISTA'S ADVANCED METERING INFRASTRUCTURE PROJECT FOR EACH YEAR OF THE PROJECT LIFECYCLE, AS OF FEBRUARY 2021.

Year	Meter Data Management		Head End Systems		Collector Infrastructure		Data Analytics		Meter Deployment		Energy Efficiency		Amortized Meters		Totals	
	CAP	EXP	CAP	EXP	CAP	EXP	CAP	EXP	CAP	EXP	CAP	EXP	CAP	EXP	CAP	EXP
2015	\$0.2		\$0.1		\$0.1				\$0.3						\$0.6	
2016	\$9.4		\$2.6		\$0.7				\$0.4		\$1.7				\$14.7	
2017	\$11.3	\$0.1	\$9.4		\$0.8		\$0.2	0.1	\$0.8		\$0.6	\$0.1			\$23.0	\$0.1
2018	\$0.2	\$0.3	\$8.5	\$0.2	\$1.8	\$0.2	\$0.4	0.1	\$9.2		\$0.5	\$0.1			\$20.6	\$1.1
2019		\$0.3	\$2.6	\$0.7	\$3.3	\$0.7	\$0.6	0.7	\$43.8	\$0.1	\$0.3	\$0.3			\$50.7	\$2.8
2020		\$0.4	\$0.8	\$0.9	\$1.3	\$0.6	\$0.6	\$0.1	\$25.4	\$0.6	\$0.1	\$0.2			\$28.2	\$2.7
2021		\$0.4	\$0.4	\$0.9	\$1.1	\$0.6	\$0.1	\$0.2	\$0.8	\$0.1	\$0.2	\$0.3		\$2.0	\$2.5	\$2.6
2022		\$0.4		\$1.0		\$0.6		\$0.6		\$0.1		\$0.1		\$2.0		\$2.8
2023		\$0.4		\$1.0		\$0.6		\$0.6		\$0.2		\$0.1		\$2.0		\$2.9
2024		\$0.4		\$1.0		\$0.6		\$0.6		\$0.2		\$0.1		\$2.0		\$3.0
2025		\$0.4		\$1.1		\$0.7		\$0.7		\$0.2		\$0.1		\$2.0		\$3.1
2026		\$0.4		\$1.1		\$0.7		\$0.7		\$0.2		\$0.1		\$2.0		\$3.1
2027		\$0.4		\$1.1		\$0.7		\$0.7		\$0.2		\$0.1		\$2.0		\$3.2
2028		\$0.4		\$1.2		\$0.7		\$0.7		\$0.2		\$0.1		\$2.0		\$3.3
2029		\$0.4		\$1.2		\$0.7		\$0.7		\$0.2		\$0.1		\$2.0		\$3.4
2030		\$0.5		\$1.2		\$0.8		\$0.8		\$0.2		\$0.1		\$2.0		\$3.5
2031		\$0.5		\$1.3		\$0.8		\$0.8		\$0.2		\$0.1		\$2.0		\$3.6
2032		\$0.5		\$1.3		\$0.8		\$0.8	\$0.6	\$0.2		\$0.1		\$2.0	\$0.6	\$3.8
2033		\$0.5		\$1.3		\$0.8		\$0.8	\$2.8	\$0.2		\$0.2		\$2.0	\$2.8	\$3.9
2034		\$0.5		\$1.4		\$0.9		\$0.9	\$3.3	\$0.2		\$0.2			\$3.3	\$4.0
2035		\$0.5		\$1.4		\$0.9		\$0.9	\$3.4	\$0.2		\$0.2			\$3.4	\$4.1
2036		\$0.6		\$1.5		\$0.9		\$0.9	\$0.8	\$0.2		\$0.2			\$0.8	\$4.2
2037		\$0.1		\$0.4		\$0.2		\$0.2		\$0.1		\$0.1				\$0.1
Totals	\$21.0	\$8.4	\$24.4	\$21.3	\$8.9	\$13.5	\$1.9	\$12.4	\$91.7	\$3.7	\$3.4	\$3.0		\$25.9	\$151.2	\$88.2

¹ Revisions of Exh. JDD-2 are to be filed in a 'redlined' form showing all changes to the document, noted as JDD-2 (Revised/Redlined) and in 'clean' form to facilitate easier reading, noted as Exh. JDD-2 (Revised/Clean).

Attachment A

FERC	A/D	Cost	NBV at 9/30/2021	Monthly Exp	Months	Years	1	2	3	4	5	6	7
370121	(7,525,527)	58,180,982	50,655,454	322,904	156.9	13.073	3,874,853	3,874,853	3,874,853	3,874,853	3,874,853	3,874,853	3,874,853
381121	-	-	-	-		-	-						
389421	-	-	-	-		-	-						
391120	(1,134,984)	1,287,870	152,887	21,465	7.1	0.594	152,887						
391121	(2,273,648)	4,078,270	1,804,621	67,971	26.5	2.212	815,654	815,654	173,314				
395121	(89,414)	250,611	161,197	2,984	54.0	4.501	35,812	35,812	35,812	35,812	17,948		
397121	(532,541)	7,165,049	6,632,508	20,301	326.7	27.226	243,612	243,612	243,612	243,612	243,612	243,612	243,612
303120	(4,515,148)	14,191,918	9,676,770	94,714	102.2	8.514	1,136,574	1,136,574	1,136,574	1,136,574	1,136,574	1,136,574	1,136,574
303121	(9,600,247)	15,789,777	6,189,531	266,162	23.3	1.938	3,193,947	2,995,584					
	(25,671,508)	100,944,477	75,272,968	796,502			9,453,338	9,102,089	5,464,165	5,290,851	5,272,987	5,255,039	5,255,039

Area	Type	NPV	Actuals	2017	2018	2019	2020	2021	2022	2023
MDM (Washington Portion)	O&M	4,033,996	8,572,397	65,182	343,691	346,959	350,422	353,990	364,610	375,548
HES	O&M	11,310,046	25,454,972	-	244,502	738,746	937,194	944,352	972,683	1,001,863
CI	O&M	8,013,026	17,772,459	-	236,984	668,792	580,057	584,671	602,211	620,278
Meter Dep	O&M	3,490,301	7,038,507	-	-	81,785	621,346	144,608	148,946	153,415
Data Analytics	O&M	5,701,099	13,138,244	38,216	130,952	675,114	36,000	211,255	596,834	614,740
EECVR	O&M	1,716,347	3,305,348	38,216	100,952	286,484	175,255	339,484	109,180	112,455
Total		34,264,816	75,281,927	141,614	1,057,080	2,797,879	2,700,275	2,578,361	2,794,465	2,878,299
Allocated										
WA E								1,933,771	2,095,849	2,158,724
WA G								644,590	698,616	719,575
FY Allocated										
WA E								2,055,329	2,143,005	2,207,295
WA G								685,110	714,335	735,765

Area	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
MDM (Washington Portion)	386,815	398,419	410,372	422,683	435,363	448,424	461,877	475,733	490,005	504,706
HES	1,031,919	1,062,877	1,094,763	1,127,606	1,161,434	1,196,277	1,232,165	1,269,130	1,307,204	1,346,420
CI	638,886	658,053	677,794	698,128	719,072	740,644	762,863	785,749	809,322	833,602
Meter Dep	158,017	162,758	167,640	172,670	177,850	183,185	188,681	194,341	200,171	206,176
Data Analytics	633,182	652,177	671,742	691,895	712,652	734,031	756,052	778,734	802,096	826,159
EECVR	115,829	119,304	122,883	126,570	130,367	134,278	138,306	142,455	146,729	151,131
Total	2,964,648	3,053,587	3,145,195	3,239,551	3,336,737	3,436,839	3,539,944	3,646,143	3,755,527	3,868,193
Allocated										
WA E	2,223,486	2,290,190	2,358,896	2,429,663	2,502,553	2,577,629	2,654,958	2,734,607	2,816,645	2,901,145
WA G	741,162	763,397	786,299	809,888	834,184	859,210	884,986	911,536	938,882	967,048
FY Allocated										
WA E	2,273,514	2,341,720	2,411,971	2,484,330	2,558,860	2,635,626	2,714,695	2,796,136	2,880,020	2,966,420
WA G	757,838	780,573	803,990	828,110	852,953	878,542	904,898	932,045	960,007	988,807

Area	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
MDM (Washington Portion)	519,847	535,442	551,505	142,013						
HES	1,386,813	1,428,417	1,471,270	378,852						
CI	858,610	884,368	910,899	234,556						
Meter Dep	212,362	218,733	225,295	58,013						
Data Analytics	850,943	876,472	902,766	232,462						
EECVR	155,665	160,335	165,145	42,525						
Total	3,984,239	4,103,766	4,226,879	1,088,421	-	-	-	-	-	-
Allocated										
WA E	2,988,179	3,077,824	3,170,159	816,316						
WA G	996,060	1,025,941	1,056,720	272,105						
FY Allocated										
WA E	3,055,413	3,147,075	1,404,777	204,079						
WA G	1,018,471	1,049,025	468,259	68,026						

Area of Benefit	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Grand Total	361,465	497,879	1,025,408	3,243,143	8,190,141	8,500,698	8,854,581	12,754,416	13,952,521	14,540,968	15,212,811	15,829,430	16,471,213	17,138,360	17,649,055
Revenue Requirement Reductions	361,465	497,879	1,025,408	3,243,143	8,190,141	8,500,698	8,854,581	12,754,416	13,952,521	14,540,968	15,212,811	15,829,430	16,471,213	17,138,360	17,649,055
Expected Savings to be Redeployed	32,580	77,955	80,294	813,630	1,964,877	2,139,982	2,338,106	3,627,938	3,771,456	3,957,279	4,210,335	4,391,053	4,578,799	4,773,824	4,976,537
"True" Reductions in Revenue Req	328,885	419,924	945,115	2,429,513	6,225,263	6,360,716	6,516,474	9,126,478	10,181,065	10,583,688	11,002,477	11,438,377	11,892,413	12,364,536	12,672,517
						10/1/2021- 9/30/2022	10/1/2022- 9/30/2023	10/1/2023- 9/30/2024	10/1/2024- 9/30/2025	10/1/2025- 9/30/2026	10/1/2026- 9/30/2027	10/1/2027- 9/30/2028	10/1/2028- 9/30/2029	10/1/2029- 9/30/2030	10/1/2030- 9/30/2031
Fiscal Year Redections						6,477,535	8,473,977	9,917,419	10,483,033	10,897,780	11,329,402	11,778,904	12,246,505	12,595,522	13,052,455
Electric Reductions						4,858,151	6,355,483	7,438,064	7,862,274	8,173,335	8,497,052	8,834,178	9,184,879	9,446,642	9,789,341
Gas Reductions						1,619,384	2,118,494	2,479,355	2,620,758	2,724,445	2,832,351	2,944,726	3,061,626	3,148,881	3,263,114

	Washington Electric					Washington Gas				
	2017 Adds	2018 Adds	2019 Adds	2020 Adds	Total ADFIT	2017 Adds	2018 Adds	2019 Adds	2020 Adds	Total ADFIT
12/31/2021	(1,963,577)	(2,011,699)	(5,552,654)	(3,915,096)	(13,443,026)	(596,800)	(950,148)	(2,388,468)	(1,214,312)	(5,149,728)
12/31/2022	(1,696,772)	(1,615,687)	(5,111,401)	(3,634,694)	(12,058,554)	(515,709)	(804,145)	(2,197,346)	(1,135,629)	(4,652,829)
12/31/2023	(1,454,376)	(987,369)	(4,580,380)	(3,338,476)	(10,360,601)	(442,036)	(591,003)	(1,991,944)	(1,050,087)	(4,075,070)
12/31/2024	(1,211,980)	(904,725)	(4,097,960)	(3,043,917)	(9,258,583)	(368,363)	(535,126)	(1,795,360)	(959,748)	(3,658,598)
12/31/2025	(969,584)	(826,115)	(3,690,769)	(2,731,817)	(8,218,286)	(294,691)	(480,113)	(1,614,012)	(867,133)	(3,255,948)
12/31/2026	(727,188)	(747,557)	(3,286,037)	(2,453,257)	(7,214,039)	(221,018)	(425,115)	(1,432,840)	(778,274)	(2,857,248)
12/31/2027	(484,792)	(668,946)	(2,881,354)	(2,175,725)	(6,210,817)	(147,345)	(370,102)	(1,251,682)	(689,589)	(2,458,718)
12/31/2028	(242,396)	(590,388)	(2,476,622)	(1,898,210)	(5,207,616)	(73,673)	(315,103)	(1,070,511)	(600,910)	(2,060,196)
12/31/2029	0	(511,778)	(2,071,938)	(1,620,678)	(4,204,393)	0	(260,090)	(889,352)	(512,224)	(1,661,667)
12/31/2030		(433,219)	(1,667,206)	(1,343,162)	(3,443,588)		(205,092)	(708,181)	(423,545)	(1,336,818)
12/31/2031		(357,346)	(1,262,523)	(1,065,630)	(2,685,499)		(152,078)	(527,022)	(334,860)	(1,013,960)
12/31/2032		(281,525)	(851,083)	(788,115)	(1,920,723)		(99,079)	(342,885)	(246,180)	(688,144)
12/31/2033		(235,254)	(439,691)	(504,885)	(1,179,831)		(98,611)	(158,760)	(159,127)	(416,498)
12/31/2034		(190,254)	(29,691)	(224,885)	(444,831)		(97,611)	-	(71,127)	(168,738)
12/31/2035		(145,254)	0	-	(145,254)		(96,611)		0	(96,611)
12/31/2036		(100,254)			(100,254)		(95,611)			(95,611)
12/31/2037		(55,254)			(55,254)		(94,611)			(94,611)
12/31/2038		(10,254)			(10,254)		(84,611)			(84,611)

Attachment B

FERC	A/D	Cost	NBV at 9/30/2021	Monthly Exp	Months	Years	1	2	3	4	5
370121	-		-	-			-	-	-	-	-
381121	(3,298,659)	23,981,201	20,682,542	133,229	155.241	12.937	1,598,747	1,598,747	1,598,747	1,598,747	1,598,747
389421	(334)	2,368	2,034	13	154.625	12.885	158	158	158	158	158
391120	(346,106)	392,728	46,622	6,545	7.123	0.594	46,622				
391121	(620,452)	1,067,433	446,981	17,791	25.125	2.094	213,487	213,487	20,008		
395121	(13,710)	40,420	26,709	481	55.491	4.624	5,776	5,776	5,776	5,776	3,605
397121	(153,754)	2,055,716	1,901,962	5,825	326.543	27.212	69,894	69,894	69,894	69,894	69,894
303120	(1,376,865)	4,327,733	2,950,868	28,883	102.168	8.514	346,591	346,591	346,591	346,591	346,591
303121	(2,639,089)	4,303,089	1,663,999	72,536	22.940	1.912	870,426	793,573			
	(8,448,969)	36,170,688	27,721,719	265,302			3,151,700	3,028,226	2,041,174	2,021,166	2,018,995

FERC	6	7	8	9	10	11	12	13	14	15	16	
370121	-	-	-	-	-	-	-	-				
381121	1,598,747	1,598,747	1,598,747	1,598,747	1,598,747	1,598,747	1,598,747	1,497,582				0
389421	158	158	158	158	158	158	158	140				0
391120												-
391121												-
395121												-
397121	69,894	69,894	69,894	69,894	69,894	69,894	69,894	69,894	69,894	69,894	69,894	#####
303120	346,591	346,591	346,591	178,141								(0)
303121												-
	2,015,390	2,015,390	2,015,390	1,846,940	1,668,799	1,668,799	1,668,799	1,567,616	69,894	69,894	69,894	

Area	Type	NPV	Actuals	2017	2018	2019	2020	2021	2022
MDM (Washington Portion)	O&M	4,033,996	8,572,397	65,182	343,691	346,959	350,422	353,990	364,610
HES	O&M	11,310,046	25,454,972	-	244,502	738,746	937,194	944,352	972,683
CI	O&M	8,013,026	17,772,459	-	236,984	668,792	580,057	584,671	602,211
Meter Dep	O&M	3,490,301	7,038,507	-	-	81,785	621,346	144,608	148,946
Data Analytics	O&M	5,701,099	13,138,244	38,216	130,952	675,114	36,000	211,255	596,834
EECVR	O&M	1,716,347	3,305,348	38,216	100,952	286,484	175,255	339,484	109,180
Total		34,264,816	75,281,927	141,614	1,057,080	2,797,879	2,700,275	2,578,361	2,794,465
Allocated									
WA E								1,933,771	2,095,849
WA G								644,590	698,616
FY Allocated								-	-
WA E								2,055,329	2,143,005
WA G								685,110	714,335

Area	2023	2024	2025	2026	2027	2028	2029	2030	2031
MDM (Washington Portion)	375,548	386,815	398,419	410,372	422,683	435,363	448,424	461,877	475,733
HES	1,001,863	1,031,919	1,062,877	1,094,763	1,127,606	1,161,434	1,196,277	1,232,165	1,269,130
CI	620,278	638,886	658,053	677,794	698,128	719,072	740,644	762,863	785,749
Meter Dep	153,415	158,017	162,758	167,640	172,670	177,850	183,185	188,681	194,341
Data Analytics	614,740	633,182	652,177	671,742	691,895	712,652	734,031	756,052	778,734
EECVR	112,455	115,829	119,304	122,883	126,570	130,367	134,278	138,306	142,455
Total	2,878,299	2,964,648	3,053,587	3,145,195	3,239,551	3,336,737	3,436,839	3,539,944	3,646,143
Allocated									
WA E	2,158,724	2,223,486	2,290,190	2,358,896	2,429,663	2,502,553	2,577,629	2,654,958	2,734,607
WA G	719,575	741,162	763,397	786,299	809,888	834,184	859,210	884,986	911,536
FY Allocated	-	-	-	-	-	-	-	-	-
WA E	2,207,295	2,273,514	2,341,720	2,411,971	2,484,330	2,558,860	2,635,626	2,714,695	2,796,136
WA G	735,765	757,838	780,573	803,990	828,110	852,953	878,542	904,898	932,045

Area	2032	2033	2034	2035	2036	2037
MDM (Washington Portion)	490,005	504,706	519,847	535,442	551,505	142,013
HES	1,307,204	1,346,420	1,386,813	1,428,417	1,471,270	378,852
CI	809,322	833,602	858,610	884,368	910,899	234,556
Meter Dep	200,171	206,176	212,362	218,733	225,295	58,013
Data Analytics	802,096	826,159	850,943	876,472	902,766	232,462
EECVR	146,729	151,131	155,665	160,335	165,145	42,525
Total	3,755,527	3,868,193	3,984,239	4,103,766	4,226,879	1,088,421
Allocated						
WA E	2,816,645	2,901,145	2,988,179	3,077,824	3,170,159	816,316
WA G	938,882	967,048	996,060	1,025,941	1,056,720	272,105
FY Allocated	-	-				
WA E	2,880,020	2,966,420	3,055,413	3,147,075	1,404,777	204,079
WA G	960,007	988,807	1,018,471	1,049,025	468,259	68,026

Area of Benefit		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Grand Total	Revenue Requirement Reductions	361,465	497,879	1,025,408	3,243,143	8,190,141	8,500,698	8,854,581	12,754,416	13,952,521	14,540,968	15,212,811	15,829,430	16,471,213
	Expected Savings to be Redeployed	32,580	77,955	80,294	813,630	1,964,877	2,139,982	2,338,106	3,627,938	3,771,456	3,957,279	4,210,335	4,391,053	4,578,799
	"True" Reductions in Revenue Req	328,885	419,924	945,115	2,429,513	6,225,263	6,360,716	6,516,474	9,126,478	10,181,065	10,583,688	11,002,477	11,438,377	11,892,413
							10/1/2021- 9/30/2022	10/1/2022- 9/30/2023	10/1/2023- 9/30/2024	10/1/2024- 9/30/2025	10/1/2025- 9/30/2026	10/1/2026- 9/30/2027	10/1/2027- 9/30/2028	10/1/2028- 9/30/2029
	Fiscal Year Redections						6,477,534.78	8,473,977.24	9,917,418.55	10,483,032.58	10,897,779.66	11,329,402.06	11,778,904.34	12,246,505.44
	Electric Reductions						4,858,151	6,355,483	7,438,064	7,862,274	8,173,335	8,497,052	8,834,178	9,184,879
	Gas Reductions						1,619,384	2,118,494	2,479,355	2,620,758	2,724,445	2,832,351	2,944,726	3,061,626

Area of Benefit		2029	2030	2031	2032	2033	2034	2035	2036	2037
Grand Total	Revenue Requirement Reductions	17,138,360	17,649,055	18,366,189	19,112,429	19,917,231	20,685,364	21,557,721	22,498,896	4,507,770
	Expected Savings to be Redeployed	4,773,824	4,976,537	5,187,089	5,405,939	5,633,230	5,869,476	6,147,859	6,437,232	1,621,267
	"True" Reductions in Revenue Req	12,364,536	12,672,517	13,179,101	13,706,490	14,284,001	14,815,889	15,409,862	16,061,663	2,886,502
		10/1/2029-9/30/2030	10/1/2030-9/30/2031	10/1/2031-9/30/2032	10/1/2032-9/30/2033	10/1/2033-9/30/2034	10/1/2034-9/30/2035	10/1/2035-9/30/2036	10/1/2036-9/30/2037	
	Fiscal Year Redections	12,595,522.12	13,052,454.79	13,574,642.90	14,139,623.32	14,682,916.64	15,261,368.67	15,898,712.92	6,180,292.63	
	Electric Reductions	9,446,642	9,789,341	10,180,982	10,604,717	11,012,187	11,446,027	11,924,035	4,635,219	
	Gas Reductions	3,148,881	3,263,114	3,393,661	3,534,906	3,670,729	3,815,342	3,974,678	1,545,073	

	Washington Gas					Washington Gas				
	2017 Adds	2018 Adds	2019 Adds	2020 Adds	Total ADFIT	2017 Adds	2018 Adds	2019 Adds	2020 Adds	Total ADFIT
12/31/2021	(596,800)	(950,148)	(2,388,468)	(1,214,312)	(5,149,728)	(596,800)	(950,148)	(2,388,468)	(1,214,312)	(5,149,728)
12/31/2022	(515,709)	(804,145)	(2,197,346)	(1,135,629)	(4,652,829)	(515,709)	(804,145)	(2,197,346)	(1,135,629)	(4,652,829)
12/31/2023	(442,036)	(591,003)	(1,991,944)	(1,050,087)	(4,075,070)	(442,036)	(591,003)	(1,991,944)	(1,050,087)	(4,075,070)
12/31/2024	(368,363)	(535,126)	(1,795,360)	(959,748)	(3,658,598)	(368,363)	(535,126)	(1,795,360)	(959,748)	(3,658,598)
12/31/2025	(294,691)	(480,113)	(1,614,012)	(867,133)	(3,255,948)	(294,691)	(480,113)	(1,614,012)	(867,133)	(3,255,948)
12/31/2026	(221,018)	(425,115)	(1,432,840)	(778,274)	(2,857,248)	(221,018)	(425,115)	(1,432,840)	(778,274)	(2,857,248)
12/31/2027	(147,345)	(370,102)	(1,251,682)	(689,589)	(2,458,718)	(147,345)	(370,102)	(1,251,682)	(689,589)	(2,458,718)
12/31/2028	(73,673)	(315,103)	(1,070,511)	(600,910)	(2,060,196)	(73,673)	(315,103)	(1,070,511)	(600,910)	(2,060,196)
12/31/2029	0	(260,090)	(889,352)	(512,224)	(1,661,667)	0	(260,090)	(889,352)	(512,224)	(1,661,667)
12/31/2030		(205,092)	(708,181)	(423,545)	(1,336,818)		(205,092)	(708,181)	(423,545)	(1,336,818)
12/31/2031		(152,078)	(527,022)	(334,860)	(1,013,960)		(152,078)	(527,022)	(334,860)	(1,013,960)
12/31/2032		(99,079)	(342,885)	(246,180)	(688,144)		(99,079)	(342,885)	(246,180)	(688,144)
12/31/2033		(98,611)	(158,760)	(159,127)	(416,498)		(98,611)	(158,760)	(159,127)	(416,498)
12/31/2034		(97,611)	-	(71,127)	(168,738)		(97,611)	-	(71,127)	(168,738)
12/31/2035		(96,611)		0	(96,611)		(96,611)		0	(96,611)
12/31/2036		(95,611)			(95,611)		(95,611)			(95,611)
12/31/2037		(94,611)			(94,611)		(94,611)			(94,611)
12/31/2038		(84,611)			(84,611)		(84,611)			(84,611)