

March 31, 2021

VIA ELECTRONIC FILING

Brinda Westbrook-Sedgwick
Commission Secretary
Public Service Commission
of the District of Columbia
1325 "G" Street, N.W., 8th Floor
Washington, D.C. 20005

**Re: Formal Case Nos. 1115 and 1154
[Washington Gas's Reconciliation Factor Financial Report]**

Dear Ms. Westbrook-Sedgwick:

Pursuant to Public Service Commission of the District of Columbia Order No. 20671, transmitted for filing is Washington Gas Light Company's PROJECT*pipes* Reconciliation Factor Financial Report. This document is being provided in Excel format via SharePoint.

If you have any questions regarding this matter, please do not hesitate to contact me.

Sincerely,



Cathy Thurston-Seignious
Supervisor, Administrative and
Associate General Counsel

cc: Per Certificate of Service

WASHINGTON GAS LIGHT COMPANY
CALCULATION OF DC APRP ACCRUAL
April-20 THROUGH Dec-20

<u>Line No.</u>	<u>Description</u>		<u>DC APRP Accrual</u>
1	Rate Base		
2	Rate of return on Investment	Page 2	\$ 4,838,380
3	Revenue Conversion Factor	Page 2	\$ 6,795,059
4	Depreciation		\$ 1,527,619
5	Interest Synchronization		\$ (579,344)
6	Carrying Cost		\$ 21,323
7	Total Accrual Current Period	Lines 3+4+5+6	<u>\$ 7,764,657</u>

		Beginning Balance			Ending Balance	
		Cost Allocation %	(Over)/Under Collection b/	Allocated Costs	Collections	(Over)/Under Collection
8	ALLOCATION b/					
9	Residential	62.23%	183,201	\$4,831,946	4,468,436	546,711
10	Non-Residential	29.05%	(233,625)	\$2,255,633	1,666,858	355,150
11	Interruptible	8.72%	(18,598)	\$677,078	575,287	83,193
		100.00%	(69,022)	\$7,764,657	6,710,581	985,054
12	BUDGETED THERMS c/					
13	Residential			98,133,000		
14	Non-Residential			133,232,000		
15	Interruptible			70,772,000		
				302,137,000		
16	Reconciliation Factor					
17	Residential			\$ 0.0056		
18	Non-Residential			\$ 0.0027		
	Interruptible			\$ 0.0012		

a/ No meter relocation costs have been recovered through the PROJECTpipes surcharge
b/ See PROJECTpipes 1 Extension Oct 2019-March 2020 Reconciliation
c/ Twelve Month Period June 2021-May 2022

WASHINGTON GAS LIGHT COMPANY
RATE BASE AND RATE OF RETURN CALCULATION
APRIL THROUGH DECEMBER 2020

Month	CAPEX	COR	CAPEX & COR	Cummulative CAPEX ± COR	Net Plant Additions	Cummulative Plant Additions	Depreci- ation Expense	Accumulate d Depr	Deferred Income Taxes	Accumulated Deferred Income Taxes	Rate Base	Return On Investment	Revenue Conversion Factor	YTD ROI	YTD RCF
	a	b	c = a + b	d = c (cumulative)	e	f	g	h = g cumulative	i = b + e - h * Tax Rate	j = i (cumulative)	k = d + h + j	l = k * ROR	m = l * RCF		
Beginning Balance	95,442,995	12,718,025	108,161,020	108,161,020	84,486,951	84,486,951		3,873,878		(25,682,231)					
Apr-20	1,851,293	21,915	1,873,209	110,034,228	4,523,641	89,010,592	150,773	4,024,651	(1,209,335)	(26,891,566)	79,118,012	499,215	701,101	499,215	701,101
May-20	1,404,418	94,560	1,498,979	111,533,207	1,986,808	90,997,400	157,194	4,181,845	(529,484)	(27,421,050)	79,930,312	504,340	708,300	1,003,555	1,409,401
Jun-20	1,539,487	102,098	1,641,585	113,174,792	1,401,385	92,398,784	160,158	4,342,003	(369,649)	(27,790,699)	81,042,089	511,355	718,151	1,514,910	2,127,552
Jul-20	1,194,265	45,792	1,240,057	114,414,849	997,362	93,396,146	162,475	4,504,478	(242,341)	(28,033,040)	81,877,330	516,625	725,553	2,031,536	2,853,105
Aug-20	3,940,642	235,542	4,176,184	118,591,033	3,429,172	96,825,318	164,858	4,669,337	(963,073)	(28,996,113)	84,925,583	535,859	752,565	2,567,395	3,605,670
Sep-20	3,914,922	246,749	4,161,670	122,752,703	3,342,947	100,168,265	170,699	4,840,036	(940,822)	(29,936,935)	87,975,732	555,105	779,594	3,122,500	4,385,264
Oct-20	2,453,270	163,060	2,616,331	125,369,034	1,126,163	101,294,428	175,960	5,015,997	(306,342)	(30,243,277)	90,109,760	568,570	798,504	3,691,070	5,183,768
Nov-20	1,195,636	134,401	1,330,037	126,699,071	452,502	101,746,929	177,901	5,193,897	(112,547)	(30,355,824)	91,149,350	575,130	807,717	4,266,200	5,991,485
Dec-20	-	-	-	126,699,071	1,222,909	102,969,838	180,663	5,374,560	(286,800)	(30,642,624)	90,681,887	572,180	803,574	4,838,380	6,795,059

WASHINGTON GAS LIGHT COMPANY
9 MONTH CALCULATION OF DC PROJECTPIPES ACCRUAL
APRIL THROUGH DECEMBER 2020

Date	Rate Base	Return on Investment	Revenue Conversion Factor	Depreciation	Interest Synchronizati on	Accrual Prior to CC	YTD Accrual	Customer Billing	Incremental (over)/under	Cumulative (over)/under	Return On Investment	Revenue Conversion Factor	YTD Carrying Cost	12 Month Total Accrual
	a	b	c	d	e	f = c+d+e	g	h	i	j	k	l	m	n=(g+k)
Beginning Balance										\$ (69,022)				
Apr-20	\$ 79,118,012	\$ 499,215	\$ 701,101	\$ 153,479	\$ (59,776)	\$ 794,805	\$ 794,805	\$ 382,279	\$ 412,525	\$ 343,503	\$ 2,167	\$ 3,044	\$ 3,044	\$ 797,849
May-20	\$ 79,930,312	\$ 504,340	\$ 708,300	\$ 160,016	\$ (60,389)	\$ 807,926	\$ 1,602,731	\$ 1,669,867	\$ (861,941)	\$ (518,437)	\$ (3,271)	\$ (4,594)	\$ (1,550)	\$ 1,601,181
Jun-20	\$ 81,042,089	\$ 511,355	\$ 718,151	\$ 163,033	\$ (61,229)	\$ 819,955	\$ 2,422,686	\$ 877,838	\$ (57,883)	\$ (576,320)	\$ (3,636)	\$ (5,107)	\$ (6,657)	\$ 2,416,029
Jul-20	\$ 81,877,330	\$ 516,625	\$ 725,553	\$ 165,392	\$ (61,860)	\$ 829,084	\$ 3,251,770	\$ 539,612	\$ 289,472	\$ (286,848)	\$ (1,810)	\$ (2,542)	\$ (9,199)	\$ 3,242,571
Aug-20	\$ 84,925,583	\$ 535,859	\$ 752,565	\$ 167,818	\$ (64,163)	\$ 856,219	\$ 4,107,989	\$ 539,083	\$ 317,136	\$ 30,288	\$ 191	\$ 268	\$ (8,931)	\$ 4,099,059
Sep-20	\$ 87,975,732	\$ 555,105	\$ 779,594	\$ 173,763	\$ (66,468)	\$ 886,889	\$ 4,994,879	\$ 574,943	\$ 311,946	\$ 342,234	\$ 2,159	\$ 3,033	\$ (5,898)	\$ 4,988,981
Oct-20	\$ 90,109,760	\$ 568,570	\$ 798,504	\$ 179,119	\$ (68,080)	\$ 909,543	\$ 5,904,422	\$ 347,112	\$ 562,431	\$ 904,665	\$ 5,708	\$ 8,017	\$ 2,119	\$ 5,906,540
Nov-20	\$ 91,149,350	\$ 575,130	\$ 807,717	\$ 181,094	\$ (68,866)	\$ 919,945	\$ 6,824,366	\$ 621,222	\$ 298,723	\$ 1,203,388	\$ 7,593	\$ 10,664	\$ 12,782	\$ 6,837,149
Dec-20	\$ 90,681,887	\$ 572,180	\$ 803,574	\$ 183,906	\$ (68,512)	\$ 918,968	\$ 7,743,334	\$ 1,158,625	\$ (239,657)	\$ 963,731	\$ 6,081	\$ 8,540	\$ 21,323	\$ 7,764,657

WASHINGTON GAS LIGHT COMPANY
 INTEREST SYNCHRONIZATION, DEPRECIATION & PROPERTY TAX CALCULATIONS
 APRIL THROUGH DECEMBER 2020

CALCULATION OF INTEREST SYNCHRONIZATION								
Date	Rate Base	Monthly Debt Return %	S/T Return	Tax Rate	Return After Tax	Revenue Conv. Factor	Interest Sync	YTD Interest
	a	b	c=a*b	d	e=c*d	f	g=e*f	
Apr-20	79,118,012	0.20%	154,676	28%	42,563	1.4044	(59,776)	(59,776)
#####	79,930,312	0.20%	156,264	28%	43,000	1.4044	(60,389)	(120,165)
Jun-20	81,042,089	0.20%	158,437	28%	43,598	1.4044	(61,229)	(181,394)
Jul-20	81,877,330	0.20%	160,070	28%	44,047	1.4044	(61,860)	(243,255)
Aug-20	84,925,583	0.20%	166,030	28%	45,687	1.4044	(64,163)	(307,418)
Sep-20	87,975,732	0.20%	171,993	28%	47,328	1.4044	(66,468)	(373,886)
Oct-20	90,109,760	0.20%	176,165	28%	48,476	1.4044	(68,080)	(441,966)
Nov-20	91,149,350	0.20%	178,197	28%	49,035	1.4044	(68,866)	(510,832)
Dec-20	90,681,887	0.20%	177,283	28%	48,784	1.4044	(68,512)	(579,344)

CALCULATION OF DEPRECIATION					
Depreciation Expense	Tax Rate Complement	Depreciation After Tax	Revenue Conv. Factor	Depreciation Pre-Tax	YTD Depr
a	b	c=a*b	d	e=c*d	
150,773	72%	109,284	1.4044	153,479	153,479
157,194	72%	113,938	1.4044	160,016	313,495
160,158	72%	116,087	1.4044	163,033	476,528
162,475	72%	117,766	1.4044	165,392	641,920
164,858	72%	119,494	1.4044	167,818	809,737
170,699	72%	123,727	1.4044	173,763	983,501
175,960	72%	127,541	1.4044	179,119	1,162,620
177,901	72%	128,947	1.4044	181,094	1,343,714
180,663	72%	130,949	1.4044	183,906	1,527,619

**WASHINGTON GAS LIGHT COMPANY
 COST OF CAPITAL
 APRIL 2017 THROUGH DECEMBER 2020**

Based on Commission Decision in Case No. 1137

Capital Structure			
Description	Ratio	Cost	Return
A	B	C	D = B * C
1 Long-Term Debt	39.65%	5.83%	2.313%
2 Short-Term Debt	3.09%	1.06%	0.033%
3 Preferred Dividend	1.55%	4.79%	0.074%
4 Common Equity	55.70%	9.25%	5.152%
6 Total	<u>99.99%</u>		<u>7.57%</u>

Return on Debt	
Description	Return
A	D = B * C
12 Long-Term Debt	2.313%
13 Short-Term Debt	0.033%
14	
15 Total	<u>2.346%</u>

**WASHINGTON GAS LIGHT COMPANY
 DC APRP REVENUE CONVERSION FACTOR
 OCTOBER 2018 TO DECEMBER 2020**

Ln. No.	Description	Reference	Amount
A	B	C	D
	Assumptions		
1	State Tax Rate	Statutory	8.250%
2	Federal Tax Rate	Statutory	21.00%
3	Federal Tax Rate Net of State Taxes	=Ln. No. 2*(1-Ln. No.1)	19.27%
4	Composite Tax Rate	=Ln. No.1 + 3	27.518%
5	Compliment of Composite Tax Rate	=1-Ln. No.4	72.483%
6	Revenue Gross Up, Excluding Uncollectible Accounts	=1/Ln. No.5	1.37964
7	Uncollectible Rate	FC 1137	1.7950%
8	Uncollectible Conversion Factor	=Ln. No.6 X Ln.No. 7	0.024765
9	Revenue Conversion Factor	=Ln No.6 + 8	1.404408

PROJECTpipes Collections

Rate Class	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Grand Total
Residential Customer	219,448	1,260,806	585,504	339,616	325,595	332,166	192,214	409,653	803,434	4,468,436
Commercial Customer	75,794	161,685	138,676	85,766	99,545	123,158	82,139	111,238	196,289	1,074,290
Group Meter Apartments	39,253	151,032	78,155	49,444	49,992	47,446	28,883	52,070	96,294	592,568
Interruptible Customers	47,784	96,344	75,503	64,786	63,951	72,174	43,876	48,261	62,608	575,287
Grand Total	382,279	1,669,867	877,838	539,612	539,083	574,943	347,112	621,222	1,158,625	6,710,581

Budgeted Therm Sales

[illegible]

WASHINGTON GAS LIGHT COMPANY
PLANT BALANCES, DEPRECIATION & CARRYING COST
OCTOBER 2015 THROUGH DECEMBER 2020

Charges File					Assets File			Billed Revenue
Date	CAPEX	MC 72 Adj	Adjustment For Cap	Total CAPEX & COR	Net Plant Additions*	Depreciation Expense**	Accumulated Depreciation	APRP Billed
	a		b	c=(a+b)	d	e	f=(e cumulative)	h
Sep-15	17,006,637		2,452,450	19,459,087	11,568,637	99,325	99,325	
Oct-15	926,882		133,053	1,059,936	591,548	20,045	119,369	48,779
Nov-15	1,614,831		293,229	1,908,060	2,140,944	21,125	140,495	149,043
Dec-15	1,324,516		172,775	1,497,291	2,523,041	25,019	165,513	249,516
Jan-16	974,443		112,654	1,087,097	1,173,796	29,012	194,526	323,726
Feb-16	1,769,767		314,710	2,084,477	1,312,076	31,051	225,577	467,712
Mar-16	1,419,077		122,367	1,541,443	1,221,588	33,511	259,088	410,326
Apr-16	1,221,355		127,575	1,348,930	1,125,672	35,652	294,740	245,973
May-16	1,798,448		289,996	2,088,444	833,987	37,673	332,413	168,748
Jun-16	1,538,756		150,165	1,688,920	1,365,059	39,235	371,648	113,594
Jul-16	485,702		59,668	545,370	1,533,272	41,777	413,426	82,346
Aug-16	1,536,224		191,890	1,728,115	1,477,947	44,470	457,896	73,917
Sep-16	1,390,544		195,843	1,586,387	34,166	47,148	505,044	75,372
Oct-16	2,169,780		311,584	2,481,364	871,209	47,162	552,206	147,058
Nov-16	913,630		131,131	1,044,761	804,363	48,711	600,917	265,061
Dec-16	951,802		148,942	1,100,745	801,538	50,141	651,057	580,615
Jan-17	1,100,588		199,437	1,300,025	1,077,764	51,555	702,612	953,644
Feb-17	648,386		105,791	754,177	929,190	53,453	756,065	736,628
Mar-17	682,346		99,357	781,703	833,581	55,089	811,155	632,766
Mar-17	(12,096,479)		(2,454,450)	(14,550,929)	(11,568,637)	(99,325)		
Apr-17	558,371		88,756	647,127	1,344,101	36,530	748,360	164,408
May-17	872,597		114,869	987,467	355,154	38,898	787,258	177,084
Jun-17	540,791		84,317	625,108	4,732,423	39,534	826,792	190,971
Jul-17	1,014,796		146,160	1,160,956	258,730	47,309	874,100	150,011
Aug-17	1,740,204		224,275	1,964,479	433,597	47,769	921,869	131,858
Sep-17	3,035,675		528,822	3,564,496	1,110,010	48,538	970,407	130,115
Oct-17	766,620		114,272	880,892	198,801	50,485	1,020,892	136,903
Nov-17	1,540,309		189,152	1,729,461	1,108,619	50,853	1,071,745	329,252
Dec-17	2,400,324		313,654	2,713,978	6,007,781	52,806	1,124,551	641,814
Jan-18	1,460,694		170,994	1,631,688	1,285,203	63,344	1,187,895	986,605
Feb-18	1,535,873		219,279	1,755,151	458,652	65,599	1,253,494	849,007
Mar-18	1,396,915		144,326	1,541,241	1,302,165	66,410	1,319,904	680,774
Apr-18	1,841,119		270,462	2,111,581	2,172,096	68,702	1,388,606	604,232
May-18	1,638,381		185,336	1,823,717	755,285	72,518	1,461,124	289,147
Jun-18	1,954,088		257,255	2,211,343	477,151	73,864	1,534,988	143,585
Jul-18	1,002,395		51,059	1,053,453	715,013	74,799	1,609,786	158,789
Aug-18	1,764,618		351,999	2,116,616	1,066,856	76,061	1,685,848	138,117
Sep-18	3,979,793		498,177	4,477,970	125,314	77,986	1,763,833	126,485
Oct-18	1,767,055		267,947	2,035,002	1,524,191	81,561	1,845,394	215,909
Nov-18	1,072,318		134,974	1,207,292	399,543	84,261	1,929,654	531,369
Dec-18	1,377,393		224,308	1,601,702	7,394,267	84,980	2,014,635	935,962
Jan-19	1,031,761		189,864	1,221,625	4,096,011	97,957	2,112,591	1,006,858
Feb-19	1,711,066		209,814	1,920,880	1,854,930	104,370	2,216,962	1,231,417
Mar-19	2,509,445		385,239	2,894,683	999,457	107,617	2,324,579	821,280
Apr-19	1,559,906		223,517	1,783,423	624,957	109,366	2,433,945	554,914
May-19	1,395,164		245,357	1,640,522	2,981,358	110,477	2,544,422	270,487
Jun-19	1,311,728		197,734	1,509,462	1,068,793	115,713	2,660,135	184,443
Jul-19	2,934,963		532,054	3,467,017	2,956,384	117,599	2,777,734	149,742
Aug-19	3,317,265		488,036	3,805,301	3,083,214	122,809	2,900,543	152,496
Sep-19	6,527,723	(93,061)	1,088,050	7,522,712	2,958,447	128,175	3,028,718	152,761
Oct-19	3,462,818		484,518	3,947,336	2,084,781	133,461	3,162,179	159,552
Nov-19	2,579,604		317,863	2,897,468	1,622,896	137,141	3,299,320	423,346
Dec-19	1,882,691		260,406	2,143,097	1,609,331	140,020	3,439,340	735,033
Jan-20	1,576,373		105,030	1,681,403	1,102,375	142,681	3,582,020	845,746
Feb-20	1,584,792		129,916	1,714,708	1,568,441	144,625	3,726,645	821,489
Mar-20	1,513,193		122,066	1,635,259	1,999,885	147,233	3,873,878	590,004
Apr-20	1,851,293		21,915	1,873,209	4,523,641	150,773	4,024,651	382,279
May-20	1,404,418		94,560	1,498,979	1,986,808	157,194	4,181,845	1,669,867
Jun-20	1,539,487		102,098	1,641,585	1,401,385	160,158	4,342,003	877,838
Jul-20	1,194,265		45,792	1,240,057	997,362	162,475	4,504,478	539,612
Aug-20	3,940,642		235,542	4,176,184	3,429,172	164,858	4,669,337	539,083
Sep-20	3,945,909	(30,987)	246,749	4,161,670	3,342,947	170,699	4,840,036	574,943
Oct-20	2,453,270		163,060	2,616,331	1,126,163	175,960	5,015,997	347,112
Nov-20	2,328,760		(1,133,124)	1,340,011	452,502	177,901	5,193,897	621,222
Dec-20	3,573,498		(3,792,816)	219,318	1,222,909	180,663	5,374,560	1,158,625
Total	117,767,598	(124,048)	7,111,330	126,699,071	102,969,838	5,374,560		28,247,367

* Rate Case Adjustments

Total Expenditures w/ Cost removal

Cap

Cap Adjustment

Monthly Depreciation Expense Related to MC72 - Jan 2020

Monthly Depreciation Expense Related to MC72 - Oct 2020

146,175,939

141,250,000

(4,925,939)

(186)

\$ (248)

CERTIFICATE OF SERVICE

I, the undersigned counsel, hereby certify that on this 31st day of March 2021, I caused copies of the foregoing to be hand-delivered, mailed, postage-prepaid, or electronically delivered to the following:

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A handwritten signature in blue ink, appearing to read "Cathy Thurston-Seignious".

CATHY THURSTON-SEIGNIOUS