

UGI UTILITIES, INC. – GAS DIVISION

BEFORE

THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

Information Submitted Pursuant to

Section 53.51 et seq of the Commission’s Regulations

UGI GAS EXHIBIT A – REVENUE REQUIREMENT - FULLY PROJECTED

UGI GAS EXHIBIT A – REVENUE REQUIREMENT - FUTURE

UGI GAS EXHIBIT A – REVENUE REQUIREMENT– HISTORIC

UGI GAS EXHIBIT B – RATE OF RETURN

UGI GAS EXHIBIT E – PROOF OF REVENUE

ORIGINAL TARIFFS

UGI UTILITIES, INC. – GAS DIVISION - PA P.U.C. NOS. 7 & 7S

DOCKET NO. R-2018-3006814

Issued: January 28, 2019

Effective: March 29, 2019

UGI GAS EXHIBIT A – FULLY PROJECTED

Fully Projected Future Period - 12 Months Ended September 30, 2020
 (\$ in Thousands)
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UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule A-1
Witness: S. F. Anzaldo
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Summary of Measure of Value and Revenue Increase

Line #	Description	[1] Function	[2] Reference Section	[3] Pro Forma Test Year Ended September 30, 2020 At Present Rates	[4] Increase	[5] Proposed Rates
<u>RATE BASE</u>						
1	Utility Plant		C-2	\$ 3,950,991		\$ 3,950,991
2	Accumulated Depreciation		C-3	(1,072,875)		(1,072,875)
3	Net Plant in service	L 1 + L 2		2,878,116	-	2,878,116
4	Working Capital		C-4	39,756		39,756
5	Gas Inventory		C-5	25,736		25,736
6	Accumulated Deferred Income Taxes		C-6	(574,782)		(574,782)
7	Customer Deposits		C-7	(18,920)		(18,920)
8	Materials & Supplies		C-8	13,666		13,666
9	TOTAL RATE BASE	Sum L 3 to L 8		<u>\$ 2,363,572</u>	<u>\$ -</u>	<u>\$ 2,363,572</u>
<u>OPERATING REVENUES AND EXPENSES</u>						
<u>Operating Revenues</u>						
10	Base Customer Charges		D-5	\$ 528,119	\$ 71,090	\$ 599,209
11	Gas Cost Revenue		D-5	266,711		266,711
12	Other Operating Revenues		D-5	5,880		5,880
13	Total Revenues	Sum L 10 to L 12		<u>800,710</u>	<u>71,090</u>	<u>871,800</u>
14	Operating Expenses		D	<u>(630,335)</u>	<u>(958)</u>	<u>(631,293)</u>
15	OIBIT	L 13 + L 14		170,375	70,132	240,507
16	Pro Forma Income Tax at Present Rates		D-33	(23,832)		(44,094)
17	Pro Forma Income Tax on Revenue Increase		D-33		<u>(20,262)</u>	<u>(44,094)</u>
18	NET OPERATING INCOME	Sum L 15 to L 17		<u>\$ 146,543</u>	<u>\$ 49,870</u>	<u>\$ 196,413</u>
19	RATE OF RETURN	L 18 / L 9		<u>6.2001%</u>		<u>8.3100%</u>
<u>REVENUE INCREASE REQUIRED</u>						
20	Rate of Return at Present Rates	L 19, Col 3		6.2001%		
21	Rate of Return Required		B-7	<u>8.3100%</u>		
22	Change in ROR	L 21 - L 20		<u>2.1099%</u>		
23	Change in Operating Income	L 22 * L 9		\$ 49,869		
24	Gross Revenue Conversion Factor		D-35	<u>1.425529</u>		
25	Change in Revenues	L 23 * L 24		<u>\$ 71,090</u>		
26	Percent Increase -- Delivery Revenues	L 25 / L 10, C 4			<u>13.46%</u>	
27	Percent Increase -- Total Revenues	L 25 / L 13, C 4			<u>8.88%</u>	

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule B-1
Witness: M. Mattern
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Balance Sheet

[1]

Line No	Description/(Account No)	Budget TYE 9-30-20
	UTILITY PLANT (101 - 106, 108)	
1	Gas Utility Plant	\$ 3,950,991
2	Other Utility Plant	-
3	Total Plant In Service	<u>3,950,991</u>
4	Construction Work In Progress (107)	-
5	Total Utility Plant	<u>3,950,991</u>
6	Accumulated Provision for Depreciation - Gas (108)	(1,072,875)
7	Utility Acquisition Adjustment (114)	165,115
8	Accumulated Provision for Depreciation - Other (119)	-
9	Net Utility Plant	<u>3,043,231</u>
	OTHER PROPERTY INVESTMENTS	
10	Non-utility Property (121)	-
11	Accumulated Depreciation on NUP (122)	-
12	Investment in Associated & Subsidiary Companies (123.1)	-
13	Other Investments (124)	<u>68</u>
14	Total Other Property and Investments	68
	CURRENT AND ACCRUED ASSETS	
15	Cash & Other Temporary Investments(131-136)	6,310
16	Unbilled Revenues	-
17	Customer Accounts Receivable (142)	57,822
18	Other Accounts Receivable (143)	4,725
19	Accum Provision for Uncollectible (144)	(4,691)
20	Receivables from Associated Companies (145)	-
21	Accounts Receivable Assoc. Comp. (146)	3,868
22	Plant Materials & Operating Supplies (154)	13,666
23	Stores Expense - Undistributed (163)	2,275
24	Gas Stored - Current (164.1)	25,737
25	Liquefied Natural Gas stored (164.2)	-
26	Prepayments (165)	11,583
27	Accrued Utility Revenues (173)	18,154
28	Miscellaneous Current & Accrued Assets (174)	196,493
29	Derivative Instrument Assets (175)	<u>2,071</u>
30	Total Current and Accrued Assets	338,013
	DEFERRED DEBITS	
31	Unamortized Debt Expense (181)	3,228
32	Other Regulatory Assets (182.3)	349,368
33	Other Preliminary Survey & Investigation Charges (183.2)	5,310
34	Clearing Accounts (184)	8
35	Miscellaneous Deferred Debits (186)	9,673
36	Unamortized Loss on Reacquired Debt (189)	-
37	Accumulated Deferred Income Taxes (190)	-
38	O/U Collected Gas (191.4, 191.41)	-
39	Total Deferred Debits	<u>367,587</u>
40	TOTAL ASSETS AND OTHER DEBITS	<u>\$ 3,748,899</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule B-1
Witness: M. Mattern
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Balance Sheet

[1]

Line No	Description/(Account No)	Budget TYE 9-30-20
PROPRIETARY CAPITAL		
41	Common Stock Issued (201)	\$ -
42	Preferred Stock Issued (204)	-
43	Premium on Capital Stock (207)	483,925
44	Capital Stock Expense (214)	-
45	Retained Earnings (215, 215.2, 216)	749,512
46	Accum Other Comprehensive Income (219)	<u>(15,453)</u>
47	Total Proprietary Capital	1,217,984
LONG TERM DEBT		
48	Bonds (221)	-
49	Advances from Associated Companies (223)	-
50	Other Long-Term Debt (224)	1,122,813
51	Unamortized Premium on LTD (225)	-
52	Unamortized Discount on LTD (226)	-
53	Total Long-term Debt	<u>1,122,813</u>
OTHER NON-CURRENT LIABILITIES		
54	Obligations under Capital Leases (227)	1,896
55	Accum. Prov for Injuries & Damages (228.2)	2,337
56	Accum. Prov for Pensions & Benefits (228.3)	93,621
57	Accum. Miscellaneous Operating Prov (228.4)	43,525
58	Asset Retirement Obligation (230)	<u>100</u>
59	Total Non-Current Liabilities	141,479
CURRENT & ACCRUED LIABILITIES		
60	Notes Payable (231)	167,816
61	Accounts Payable (232)	61,170
62	Notes Payable to Assoc. Companies (233)	-
63	Accounts Payable to Assoc. Cos (234)	14,720
64	Customer Deposits (235)	18,920
65	Taxes Accrued (236)	1,421
66	Interest Accrued (237)	25,890
67	Tax Collections Payable (241)	-
68	Accrued Interest on Other Liabilities (237)	49,761
69	Tax Collections Payable (241)	-
70	Misc Current & Accrued Liabilities (242)	-
71	Total Current & Accrued Liabilities	<u>339,698</u>
OTHER DEFERRED CREDITS		
72	Customer Advances for Construction (252)	-
73	Other Deferred Credits (253)	8,720
74	Other Regulatory Liabilities (254)	341,615
75	Deferred ITC (255)	1,808
76	Accumulated Deferred Income Taxes (282)	574,782
77	Accumulated Deferred Income Taxes (283)	-
78	Total Other Deferred Credits	<u>926,925</u>
79	TOTAL LIABILITIES & OTHER CREDITS	<u>\$ 3,748,899</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule B-2
Witness: S. F. Anzaldo
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Statement of Net Utility Operating Income

Line No	Description	[1] Budget TYE 9-30-20	[2] Reference
Total Operating Revenues			
1	Total Sales Revenues	\$ 873,481	B-3
2	Other Operating Revenues	5,880	B-3
3	Total Revenues	879,361	
Total Operating Expenses			
4	Operation & Maintenance Expenses	565,615	B-4 & D-2
5	Depreciation & Amortization Expense	95,645	D-21
6	Taxes Other Than Income Taxes	10,872	B-5
7	Total Operating Expenses	672,133	
8	Operating Income Before Income Taxes (OIBIT)	207,228	
Income Taxes:			
9	State	1,185	B-5
10	Federal	22,965	B-5
11	Total Income Taxes	24,150	
12	Net Utility Operating Income	\$ 183,079	

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule B-3
Witness: S. F. Anzaldo
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Statement of Operating Revenues

[1]

Line No	Description	Budget TYE 9-30-20
Gas Operating Revenues		
1	Residential (R/RT) (480)	\$ 534,349
2	Comm & Ind (N/NT) (481)	209,730
3	Comm & Ind (DS) (489)	34,166
4	Lg Transport/Other (489)	70,632
5	Interruptible (489)	<u>24,604</u>
6	Sub-Total Gas Operating Revenues	873,481
Other Operating Revenues		
7	Forfeited Discounts (487)	4,908
8	Miscellaneous Service Revenues (488)	625
9	Rent from Gas Properties (493)	306
10	Other Revenues (495)	<u>41</u>
11	Sub-Total Other Operating Revenues	<u>5,880</u>
12	Total Operating Revenues	<u><u>\$ 879,361</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule B-4
Witness: S. F. Anzaldo
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Operation and Maintenance Expenses

Line No	Description	Account No	[1] Budget TYE 9-30-20
Gas Raw Materials			
1	Liquefied Petroleum Gas Expenses	717	\$ -
2	Miscellaneous Production Expenses	735	3,985
3	Total Gas Raw Materials Expenses		<u>3,985</u>
Production and Gathering - Operations			
4	Operating Supervision and Engineering	750	-
5	Production Maps and Records	751	-
6	Gas Wells Expenses	752	-
7	Field Lines Expenses	753	-
8	Gas Well Royalties	758	-
9	Other Expenses	759	-
10	Total Production & Gathering Operation Expenses		<u>-</u>
Production and Gathering - Maintenance			
11	Maintenance of Producing Gas Wells	763	-
12	Maintenance of Field Lines	764	-
13	Maintenance of Field Measuring and Reg. Station Equip.	766	-
14	Gas Supply Operation Expenses		<u>-</u>
Other Gas Supply Expense - Operations			
15	Natural Gas City Gate Purchases	804.0	317,426
16	Other Gas Purchases	805.0	2,792
17	Purchases Gas Cost Adjustments	805.1	(30,256)
18	Gas Withdrawn from Storage-Debit	808.1	40,964
19	Purchased Gas Expenses	807.0	-
20	Gas Used for Other Utility Operations-Credit	812.0	(921)
21	Gas Delivered to Storage-Credit	808.2	(27,248)
22	Other Gas Supply Expenses	813.0	17,653
23	Gas Supply Operation Expenses		<u>320,409</u>
Underground Storage Expense - Operation			
24	Operation Supervision and Engineering	814	-
25	Maps and Records	815	-
26	Wells Expenses	816	-
27	Lines Expenses	817	-
28	Measuring and Regulating Station Expenses	820	-
29	Purification Expenses	821	-
30	Gas Losses	823	-
31	Other Expenses	824	-
32	Total Underground Storage Expenses		<u>-</u>
Underground Storage Expense - Maintenance			
33	Maintenance Supervision and Engineering	830	-
34	Maintenance of Structures and Improvements	831	-
35	Maintenance of Reservoirs and Wells	832	-
36	Maintenance of Lines	833	-
37	Maintenance of Measuring & Regulating Station Equip.	835	-
38	Total Underground Maintenance Expenses		<u>-</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule B-4
Witness: S. F. Anzaldo
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Operation and Maintenance Expenses

Line No	Description	Account No	[1] Budget TYE 9-30-20
Transmission Expense - Operations			
39	Operating Supervision and Engineering	850	-
40	System Control and Load Dispatching	851	-
41	Communication System Expenses	852	-
42	Mains Expenses	856	-
43	Measuring and Regulating Station Expenses	857	-
44	Other Expenses	859	-
45	Total Transmission Operation Expenses		-
Transmission Expense - Maintenance			
46	Maintenance Supervision and Engineering	861	-
47	Maintenance of Structures and Improvements	862	-
48	Maintenance of Mains	863	-
49	Maintenance of Measuring and Regulating Station Equip.	865	-
50	Maintenance of Communication Equipment	866	-
51	Total Transmission Maintenance Expenses		-
Distribution Expense - Operations			
52	Operation Supervision and Engineering	870	8,038
53	Distribution Load Dispatching	871	1,859
54	Compressor Station Fuel and Power (Major Only)	873	-
55	Mains and Services Expenses	874	21,440
56	Measuring and Regulating Station Expenses-General	875	1,995
57	Measuring and Regulating Station Expenses-Industrial	876	563
58	Measuring and Regulating Station Expenses-City Gate	877	1,240
59	Meter and House Regulator Expenses	878	4,556
60	Customer Installations Expenses	879	1,936
61	Other Expenses	880	5,515
62	Rents	881	240
63	Total Distribution Operation Expenses		47,382
Distribution Expense - Maintenance			
64	Maintenance Supervision and Engineering	885	2,220
65	Maintenance of Structures and Improvements	886	26
66	Maintenance of Mains	887	16,550
67	Maintenance of Compressor Station Equipment	888	-
68	Maintenance of Measuring & Reg. Station Equip.-Genl.	889	1,387
69	Maintenance of Measuring & Reg. Station Equip.-Indtrl.	890	550
70	Maintenance of Measuring & Reg. Station Equip.-City G	891	1,058
71	Maintenance of Services	892	4,871
72	Maintenance of Meters & House Regulators	893	1,562
73	Maintenance of Other Equipment	894	784
74	Construction & Maintenance	895	-
75	Total Distribution Maintenance Expenses		29,008
Customer Accounts Expense - Operations			
76	Supervision	901	825
77	Meter Reading Expenses	902	2,574
78	Customer Records & Collection Expenses	903	28,796
79	Uncollectable Accounts	904	11,103
80	Miscellaneous Customer Accounts Expenses	905	1,996
81	Total Administrative & General		45,293

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule B-4
Witness: S. F. Anzaldo
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Operation and Maintenance Expenses

<u>Line No</u>	<u>Description</u>	<u>Account No</u>	<u>[1] Budget TYE 9-30-20</u>
Customer Service & Information Expense			
82	Supervision	907	196
83	Customer Assistance Expenses	908	1,617
84	Informational & Instructional Advertising Expenses	909	1,327
85	Miscellaneous Customer Service & Informational Exp.	910	6,307
86	Total Cust. Service & Inform. Operations Exp		<u>9,446</u>
87	Description		
Sales Expense			
88	Supervision	911	54
89	Demonstrating and Selling Expenses	912	1,829
90	Advertising Expenses	913	441
91	Miscellaneous Sales Expenses	916	199
92	Total Operation Sales Expenses		<u>2,522</u>
Administrative & General - Operations			
93	Administrative and General Salaries	920.0	20,424
94	Office Supplies and Expenses	921.0	26,247
95	Outside Service Employed	923.0	20,904
96	Property Insurance	924.0	180
97	Injuries and Damages	925.0	7,437
98	Employee Pensions and Benefits	926.0	21,886
99	Regulatory Commission Expenses	928.0	-
100	General Advertising Expenses	930.1	675
101	Miscellaneous General Expenses	930.2	4,855
102	Rents	931.0	497
103	Total A & G Operation Expenses		<u>103,105</u>
Administrative & General - Maintenance			
104	A&G Maintenance of General Plant	932	4,449
105	A&G Maintenance of General Plant	935	16
106	Total A & G Maintenance Expenses		<u>4,465</u>
107	TOTAL OPERATION & MAINTENANCE EXPENSE		<u>\$ 565,615</u>
108	Total Gas Operation Expenses		532,143
109	Total Gas Maintenance Expense		33,472
110	TOTAL OPERATION & MAINTENANCE EXPENSE		<u>\$ 565,615</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule B-5
Witness: S. F. Anzaldo
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Detail of Taxes

[1]

Line No	Description	Reference	Budget TYE 9-30-20
Taxes Other Than Income Taxes			
Non-revenue related:			
1	Pennsylvania - PURTA	D-31	\$ 746
2	Capital Stock	D-31	-
3	PA and Local Use taxes	D-31	703
4	PUC Assessment	D-31	3,012
5	Subtotal		<u>4,461</u>
Payroll Taxes			
6	FICA	D-31	5,859
7	SUTA	D-31	492
8	FUTA	D-31	61
9	Other		-
10	Subtotal		<u>6,411</u>
11	Total Taxes Other Than Income Taxes		<u>\$ 10,872</u>
Income Taxes			
12	State		\$ 1,185
13	Federal		22,965
14	Total Income Taxes		<u>\$ 24,150</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Composite Cost of Debt

Line No	Description	[1] Amount Outstanding	[2] Percent to Total	[3] Effective Interest Rate	[4] Average Weighted Cost Rate [2] * [3]
Medium Term Notes					
1	6.500% Due 8/15/2033	\$ 20,000	1.78%	6.56%	0.12%
2	6.133% Due 10/15/2034	20,000	1.78%	6.19%	0.11%
Senior Unsecured Notes					
3	6.206% Due 9/30/2036	100,000	8.91%	6.32%	0.56%
4	4.980% Due 3/26/2044	175,000	15.59%	5.00%	0.78%
5	2.950% Due 6/30/2026	100,000	8.91%	3.92%	0.35%
6	4.120% Due 9/30/2046	200,000	17.81%	5.01%	0.89%
7	4.120% Due 10/31/2046	100,000	8.91%	4.28%	0.38%
8	2.998% Due 10/31/2022	107,813	9.60%	3.11%	0.30%
9	4.550% Due 02/01/2049	150,000	13.36%	4.58%	0.61%
10	4.653% Due 10/31/2049	150,000	13.36%	4.68%	0.63%
11	Total Long-Term Debt	\$ 1,122,813	<u>100.00%</u>		<u>4.73%</u>
12	Total Long-Term Debt	\$ 1,122,813	100.00%	4.73%	4.73%
13	Total Short-Term Debt		0.00%		0.00%
14	TOTAL	<u>\$ 1,122,813</u>	<u>100.00%</u>		
15	Weighted Cost of Debt				<u>4.73%</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule B-7
Witness: P. R. Moul
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Rate of Return

[1] [2] [3] [4]

<u>Line No</u>	<u>Description</u>	<u>Capitalization Ratio</u>	<u>Embedded Cost</u>	<u>Statement Reference</u>	<u>Return-%</u>
1	Long-Term Debt	45.20%	4.73%	B-6	2.14%
2	Short-Term Debt	0.00%	0.00%	B-6	0.00%
3	Common Equity	<u>54.80%</u>	11.25%		<u>6.17%</u>
4	Total	<u><u>100.00%</u></u>			<u><u>8.31%</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule C-1
Witness: M. Mattern
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Measure of Value

Line #	Description	[1]	[2]	[3]	[4]	[5]
		Reference Schedule	# of Pages	Pro Forma Test Year Ended September 30, 2020 At Present Rates	Adjustments	Proposed Rates
MEASURE OF VALUE						
1	Utility Plant	C-2	9	\$ 3,950,991		\$ 3,950,991
2	Accumulated Depreciation	C-3	11	(1,072,875)		(1,072,875)
3	Net Plant in service			2,878,116	-	2,878,116
4	Working Capital	C-4	9	39,756		39,756
5	Gas Inventory	C-5	1	25,736		25,736
6	Accumulated Deferred Income Taxes	C-6	1	(574,782)		(574,782)
7	Customer Deposits	C-7	1	(18,920)		(18,920)
8	Materials & Supplies	C-8	1	13,666		13,666
9	TOTAL MEASURE OF VALUE			<u>\$ 2,363,572</u>	<u>\$ -</u>	<u>\$ 2,363,572</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Pro Forma Gas Plant in Service

Line No	Description	[1] Account No	[2] Pro Forma FTY 9-30-20
INTANGIBLE PLANT			
1	Organization	301	\$ 294
2	Franchise & Consent	302	195
3	Miscellaneous Intangible Plant	303	290
4	TOTAL INTANGIBLE		<u>779</u>
NATURAL GAS PRODUCTION & GATHERING			
5	Producing Lands	325	13
6	Producing Leaseholds	325	163
7	Rights of Way	325	30
8	Other Land Rights	326	1
9	Field Measuring & Regulating Station Structures	328	1
10	Other Structures	329	45
11	Producing Gas Wells-Well Construction	330	18
12	Producing Gas Wells-Well Equipment	331	24
13	Field Lines	332	751
14	Field Measuring & Reg. Station Equipment	334	90
15	Drilling & Cleaning Equipment	335	50
16	Other Equipment	337	11
17	TOTAL PRODUCTION & GATHERING		<u>1,197</u>
NATURAL GAS STORAGE & PROCESSING PLANT			
18	Land & Land Rights	304	382
19	Production Plant-Manufactured Gas Plants	305	-
20	Land	350	-
21	Rights of Way	350	-
22	Structures & Improvements	351	-
23	Wells	352	-
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		<u>382</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Pro Forma Gas Plant in Service

Line No	Description	[1] Account No	[2] Pro Forma FTY 9-30-20
TRANSMISSION PLANT			
30	Land & Land Rights	365.1	\$ 47
31	Rights of Way	365.2	868
32	Structures & Improvements	366	151
33	Mains	367	38,518
34	Measuring & Regulating Station Equipment	369	6,148
35	Communication Equipment	370	3,486
36	Other Equipment	371	351
37	TOTAL TRANSMISSION		<u>49,569</u>
DISTRIBUTION PLANT			
38	Land & Land Rights	374	10,437
39	Structures & Improvements	375	5,299
40	Mains	376	1,891,487
41	Measuring & Regulating Station Equipment	378	128,305
42	Measuring & Regulating Station Equipment	379	20,457
43	Services	380	1,110,615
44	Meters	381	147,187
45	Meter Installations	382	91,675
46	House Regulators	383	12,439
47	House Regulatory Installations	384	17,682
48	Industrial Measuring & Reg. Station Equipment	385	33,099
49	Other Property	386	1,315
50	Other Equipment	387	5,558
51	TOTAL DISTRIBUTION		<u>3,475,555</u>
GENERAL PLANT			
52	Land & Land Rights	389	9,675
53	Structures & Improvements	390	146,892
54	Office Furniture & Equipment	391	195,709
55	Transportation Equipment	392	27,863
56	Stores Equipment	393	21
57	Tools & Garage Equipment	394	27,654
58	Laboratory Equipment	395	430
59	Power Operated Equipment	396	3,367
60	Communication Equipment	397	883
61	Miscellaneous Equipment	398	11,015
62	Other Tangible Property	399	-
63	TOTAL GENERAL		<u>423,509</u>
64	Total Plant		<u>\$ 3,950,991</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Pro Forma Plant Adjustment Summary

Line #	Description	[1] Factor Or Reference	[2] Test Year 9/30/20 Budget	[3] Adjustments	[4] Pro Forma Test Year [2] + [3]
1	Intangible Plant	Sch C-2, Pg 4	\$ 779	\$ -	\$ 779
2	Natural Gas Production & Gathering	Sch C-2, Pg 4	1,197	-	1,197
3	Natural Gas Storage & Processing Plant	Sch C-2, Pg 4	382	-	382
4	Transmission Plant	Sch C-2, Page 5	49,569	-	49,569
5	Distribution Plant	Sch C-2, Page 5	3,475,555	-	3,475,555
6	General Plant	Sch C-2, Page 5	423,509	-	423,509
7	Other Plant		-	-	-
8	Total Utility Plant		<u>\$ 3,950,991</u>	<u>\$ -</u>	<u>\$ 3,950,991</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Pro Forma Year End Plant Balances

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2019	[3] 2020	[4] Pro Forma Adjustment	[5] Balance
INTANGIBLE PLANT						
1	Organization	301	\$ 294	\$ 294		\$ 294
2	Franchise & Consent	302	193	195		195
3	Miscellaneous Intangible Plant	303	290	290		290
4	TOTAL INTANGIBLE		<u>777</u>	<u>779</u>	<u>-</u>	<u>779</u>
NATURAL GAS PRODUCTION & GATHERING						
5	Producing Lands	325.1	13	13	-	13
6	Producing Leaseholds	325.2	163	163	-	163
7	Rights of Way	325.4	30	30	-	30
8	Other Land Rights	325.5	1	1	-	1
9	Field Measuring & Regulating Station Structures	328	1	1	-	1
10	Other Structures	329	45	45	-	45
11	Producing Gas Wells-Well Construction	330	18	18	-	18
12	Producing Gas Wells-Well Equipment	331	24	24	-	24
13	Field Lines	332	751	751	-	751
14	Field Measuring & Reg. Station Equipment	334	90	90	-	90
15	Drilling & Cleaning Equipment	335	50	50	-	50
16	Other Equipment	337	11	11	-	11
17	TOTAL PRODUCTION & GATHERING		<u>1,197</u>	<u>1,197</u>	<u>-</u>	<u>1,197</u>
NATURAL GAS STORAGE & PROCESSING PLANT						
18	Land & Land Rights	304	382	382	-	382
19	Production Plant-Manufactured Gas Plants	305	-	-	-	-
20	Land	350.1	-	-	-	-
21	Rights of Way	350.2	-	-	-	-
22	Structures & Improvements	351	-	-	-	-
23	Wells	352	-	-	-	-
24	Lines	353	-	-	-	-
25	Compressor Station Equipment	354	-	-	-	-
26	Measuring & Regulating Equipment	355	-	-	-	-
27	Purification Equipment	356	-	-	-	-
28	Other Equipment	357	-	-	-	-
29	TOTAL STORAGE & PROCESSING		<u>382</u>	<u>382</u>	<u>-</u>	<u>382</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Pro Forma Year End Plant Balances

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2019	[3] 2020	[4] Pro Forma Adjustment	[5] Balance
TRANSMISSION PLANT						
30	Land & Land Rights	365.1	47	47	-	47
31	Rights of Way	365.2	868	868	-	868
32	Structures & Improvements	366	151	151	-	151
33	Mains	367	38,518	38,518	-	38,518
34	Measuring & Regulating Station Equipment	369	6,148	6,148	-	6,148
35	Communication Equipment	370	3,486	3,486	-	3,486
36	Other Equipment	371	351	351	-	351
37	TOTAL TRANSMISSION		49,569	49,569	-	49,569
DISTRIBUTION PLANT						
38	Land & Land Rights	374	10,437	10,437		10,437
39	Structures & Improvements	375	5,299	5,299		5,299
40	Mains	376	1,700,819	1,891,487		1,891,487
41	Measuring & Regulating Station Equipment	378	105,344	128,305		128,305
42	Measuring & Regulating Station Equipment	379	20,457	20,457		20,457
43	Services	380	1,074,582	1,110,615		1,110,615
44	Meters	381	139,844	147,187		147,187
45	Meter Installations	382	87,821	91,675		91,675
46	House Regulators	383	11,148	12,439		12,439
47	House Regulatory Installations	384	17,548	17,682		17,682
48	Industrial Measuring & Reg. Station Equipment	385	33,099	33,099		33,099
49	Other Property	386	1,315	1,315		1,315
50	Other Equipment	387	5,558	5,558		5,558
51	TOTAL DISTRIBUTION		3,213,271	3,475,555	-	3,475,555
GENERAL PLANT						
52	Land & Land Rights	389	9,675	9,675		9,675
53	Structures & Improvements	390	102,371	146,892		146,892
54	Office Furniture & Equipment	391	180,122	195,709		195,709
55	Transportation Equipment	392	24,616	27,863		27,863
56	Stores Equipment	393	21	21		21
57	Tools & Garage Equipment	394	25,943	27,654		27,654
58	Laboratory Equipment	395	430	430		430
59	Power Operated Equipment	396	2,236	3,367		3,367
60	Communication Equipment	397	924	883		883
61	Miscellaneous Equipment	398	6,547	11,015		11,015
62	Other Tangible Property	399	-	-		-
63	TOTAL GENERAL		352,885	423,509	-	423,509
64	Total Plant		\$ 3,618,081	\$ 3,950,991	\$ -	\$ 3,950,991

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

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Additions to Plant

Line #	Description	[1] Account Number	[2] Year ended September 30, 2019	[3] 2020
Plant Additions				
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		-	-
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	-	-
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	-	-
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		-	-
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	-	-
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	-	-
23	Wells	352	-	-
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		-	-

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Additions to Plant

Line #	Description	[1] Account Number	[2] Year ended September 30, 2019	[3] 2020
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	-	-
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		-	-
DISTRIBUTION PLANT				
38	Land & Land Rights	374	-	-
39	Structures & Improvements	375	-	-
40	Mains	376	162,529	196,137
41	Measuring & Regulating Station Equipment	378	24,287	25,316
42	Measuring & Regulating Station Equipment	379	-	-
43	Services	380	70,599	41,312
44	Meters	381	6,340	9,142
45	Meter Installations	382	3,814	3,930
46	House Regulators	383	1,438	1,481
47	House Regulatory Installations	384	150	155
48	Industrial Measuring & Reg. Station Equipment	385	-	-
49	Other Property	386	-	-
50	Other Equipment	387	-	-
51	TOTAL DISTRIBUTION		269,157	277,473
GENERAL PLANT				
52	Land & Land Rights	389	-	-
53	Structures & Improvements	390	38,216	45,300
54	Office Furniture & Equipment	391	73,446	18,399
55	Transportation Equipment	392	8,823	7,964
56	Stores Equipment	393	-	-
57	Tools & Garage Equipment	394	2,178	2,243
58	Laboratory Equipment	395	-	-
59	Power Operated Equipment	396	1,240	1,616
60	Communication Equipment	397	-	-
61	Miscellaneous Equipment	398	4,338	4,469
62	Other Tangible Property	399	-	-
63	TOTAL GENERAL		128,241	79,991
64	Total Plant		\$ 397,398	\$ 357,464

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

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Witness: M. Mattern
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Retirements

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2019	[3] 2020
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		-	-
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	-	-
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	-	-
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		-	-
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	-	-
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	-	-
23	Wells	352	-	-
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		-	-

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

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Witness: M. Mattern
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Retirements

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2019	[3] 2020
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	-	-
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		-	-
DISTRIBUTION PLANT				
38	Land & Land Rights	374	-	-
39	Structures & Improvements	375	-	-
40	Mains	376	4,666	5,468
41	Measuring & Regulating Station Equipment	378	2,260	2,355
42	Measuring & Regulating Station Equipment	379	-	-
43	Services	380	9,021	5,279
44	Meters	381	1,248	1,799
45	Meter Installations	382	75	77
46	House Regulators	383	184	189
47	House Regulatory Installations	384	19	20
48	Industrial Measuring & Reg. Station Equipment	385	-	-
49	Other Property	386	-	-
50	Other Equipment	387	-	-
51	TOTAL DISTRIBUTION		17,473	15,187
GENERAL PLANT				
52	Land & Land Rights	389	-	-
53	Structures & Improvements	390	1,037	781
54	Office Furniture & Equipment	391	19,067	2,812
55	Transportation Equipment	392	10,147	4,717
56	Stores Equipment	393	1	-
57	Tools & Garage Equipment	394	1,365	531
58	Laboratory Equipment	395	-	-
59	Power Operated Equipment	396	372	484
60	Communication Equipment	397	1,253	41
61	Miscellaneous Equipment	398	12	1
62	Other Tangible Property	399	16	-
63	TOTAL GENERAL		33,270	9,367
64	Total Plant		\$ 50,743	\$ 24,554

UGI Utilities, Inc. - Gas Division (Combined)
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Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule C-3
Witness: M. Mattern
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Accumulated Provision for Depreciation

Line No	Description	[1] Account No	[2] Pro Forma FTY 9-30-20
INTANGIBLE PLANT			
1	Organization	301	\$ -
2	Franchise & Consent	302	-
3	Miscellaneous Intangible Plant	303	-
4	TOTAL INTANGIBLE		<u>-</u>
NATURAL GAS PRODUCTION & GATHERING			
5	Producing Lands	325	-
6	Producing Leaseholds	325	162
7	Rights of Way	325	30
8	Other Land Rights	326	-
9	Field Measuring & Regulating Station Structures	328	1
10	Other Structures	329	45
11	Producing Gas Wells-Well Construction	330	(2)
12	Producing Gas Wells-Well Equipment	331	74
13	Field Lines	332	724
14	Field Measuring & Reg. Station Equipment	334	78
15	Drilling & Cleaning Equipment	335	49
16	Other Equipment	337	11
17	TOTAL PRODUCTION & GATHERING		<u>1,172</u>
NATURAL GAS STORAGE & PROCESSING PLANT			
18	Land & Land Rights	304	-
19	Production Plant-Manufactured Gas Plants	305	(241)
20	Land	350	-
21	Rights of Way	350	-
22	Structures & Improvements	351	-
23	Wells	352	(263)
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		<u>(504)</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule C-3
Witness: M. Mattern
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Accumulated Provision for Depreciation

Line No	Description	[1] Account No	[2] Pro Forma FTY 9-30-20
	TRANSMISSION PLANT		
30	Land & Land Rights	365	-
31	Rights of Way	365	513
32	Structures & Improvements	366	139
33	Mains	367	20,966
34	Measuring & Regulating Station Equipment	369	3,772
35	Communication Equipment	370	1,888
36	Other Equipment	371	268
37	TOTAL TRANSMISSION		27,546
	DISTRIBUTION PLANT		
38	Land & Land Rights	374	1,282
39	Structures & Improvements	375	3,084
40	Mains	376	428,632
41	Measuring & Regulating Station Equipment	378	19,011
42	Measuring & Regulating Station Equipment	379	7,396
43	Services	380	350,637
44	Meters	381	67,165
45	Meter Installations	382	32,385
46	House Regulators	383	3,577
47	House Regulatory Installations	384	8,404
48	Industrial Measuring & Reg. Station Equipment	385	15,825
49	Other Property	386	814
50	Other Equipment	387	4,155
51	TOTAL DISTRIBUTION		942,367
	GENERAL PLANT		
52	Land & Land Rights	389	-
53	Structures & Improvements	390	36,682
54	Office Furniture & Equipment	391	46,579
55	Transportation Equipment	392	6,510
56	Stores Equipment	393	7
57	Tools & Garage Equipment	394	10,018
58	Laboratory Equipment	395	67
59	Power Operated Equipment	396	182
60	Communication Equipment	397	286
61	Miscellaneous Equipment	398	1,963
62	Other Tangible Property	399	
63	TOTAL GENERAL		102,294
64	Total Plant		\$ 1,072,875

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule C-3
Witness: M. Mattern
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Summary of Accumulated Depreciation

Line #	Description	[1]	[2]	[3]	[4]
		Factor Or Reference	Test Year Ended September 30, 2020 Amount	Pro Forma Adjustment	Balance
1	Intangible Plant	Sch C-3, Pg 4	\$ -	\$ -	\$ -
2	Natural Gas Production & Gathering	Sch C-3, Pg 4	1,262	(90)	1,172
3	Natural Gas Storage & Processing Plant	Sch C-3, Pg 4	(605)	101	(504)
4	Transmission Plant	Sch C-3, Pg 5	27,733	(187)	27,546
5	Distribution Plant	Sch C-3, Pg 5	953,775	(11,408)	942,367
6	General Plant	Sch C-3, Pg 5	105,860	(3,566)	102,294
7	Other Plant		-	-	-
8	TOTAL ACC DEPR & AMORTIZATION		<u>\$ 1,088,025</u>	<u>\$ (15,150)</u>	<u>\$ 1,072,875</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Accumulated Depreciation by FERC Account

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2019	[3] September 30, 2020	[4] Pro Forma Adjustment	[5] Balance
INTANGIBLE PLANT						
1	Organization	301	\$ -	\$ -	\$ -	\$ -
2	Franchise & Consent	302	-	-	-	-
3	Miscellaneous Intangible Plant	303	-	-	-	-
4	TOTAL INTANGIBLE		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
NATURAL GAS PRODUCTION & GATHERING						
5	Producing Lands	325.1	-	-	-	-
6	Producing Leaseholds	325.2	162	162	-	162
7	Rights of Way	325.4	30	30	-	30
8	Other Land Rights	325.5	-	-	-	-
9	Field Measuring & Regulating Station Structures	328	1	1	-	1
10	Other Structures	329	45	45	-	45
11	Producing Gas Wells-Well Construction	330	168	97	(99)	(2)
12	Producing Gas Wells-Well Equipment	331	74	74	-	74
13	Field Lines	332	723	724	-	724
14	Field Measuring & Reg. Station Equipment	334	57	69	9	78
15	Drilling & Cleaning Equipment	335	49	49	-	49
16	Other Equipment	337	11	11	-	11
17	TOTAL PRODUCTION & GATHERING		<u>1,320</u>	<u>1,262</u>	<u>(90)</u>	<u>1,172</u>
NATURAL GAS STORAGE & PROCESSING PLANT						
18	Land & Land Rights	304	-	-	-	-
19	Production Plant-Manufactured Gas Plants	305	(421)	(326)	85	(241)
20	Land	350.1	-	-	-	-
21	Rights of Way	350.2	-	-	-	-
22	Structures & Improvements	351	-	-	-	-
23	Wells	352	(295)	(279)	16	(263)
24	Lines	353	-	-	-	-
25	Compressor Station Equipment	354	-	-	-	-
26	Measuring & Regulating Equipment	355	-	-	-	-
27	Purification Equipment	356	-	-	-	-
28	Other Equipment	357	-	-	-	-
29	TOTAL STORAGE & PROCESSING		<u>(716)</u>	<u>(605)</u>	<u>101</u>	<u>(504)</u>

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Accumulated Depreciation by FERC Account

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2019	[3] 2020	[4] Pro Forma Adjustment	[5] Balance
TRANSMISSION PLANT						
30	Land & Land Rights	365.1	-	-	-	-
31	Rights of Way	365.2	500	513	-	513
32	Structures & Improvements	366	144	179	(40)	139
33	Mains	367	20,504	20,958	8	20,966
34	Measuring & Regulating Station Equipment	369	3,716	3,904	(132)	3,772
35	Communication Equipment	370	1,772	1,910	(22)	1,888
36	Other Equipment	371	262	269	(1)	268
37	TOTAL TRANSMISSION		<u>26,898</u>	<u>27,733</u>	<u>(187)</u>	<u>27,546</u>
DISTRIBUTION PLANT						
38	Land & Land Rights	374	1,240	1,291	(9)	1,282
39	Structures & Improvements	375	2,982	3,069	15	3,084
40	Mains	376	408,595	434,003	(5,371)	428,632
41	Measuring & Regulating Station Equipment	378	20,678	21,250	(2,239)	19,011
42	Measuring & Regulating Station Equipment	379	6,813	7,365	31	7,396
43	Services	380	335,860	354,063	(3,426)	350,637
44	Meters	381	65,675	68,786	(1,621)	67,165
45	Meter Installations	382	29,800	32,033	352	32,385
46	House Regulators	383	1,375	2,647	930	3,577
47	House Regulatory Installations	384	8,101	8,433	(29)	8,404
48	Industrial Measuring & Reg. Station Equipment	385	15,144	15,876	(51)	15,825
49	Other Property	386	790	814	-	814
50	Other Equipment	387	4,061	4,145	10	4,155
51	TOTAL DISTRIBUTION		<u>901,114</u>	<u>953,775</u>	<u>(11,408)</u>	<u>942,367</u>
GENERAL PLANT						
52	Land & Land Rights	389	61	-	-	-
53	Structures & Improvements	390	33,505	36,193	489	36,682
54	Office Furniture & Equipment	391	45,494	47,640	(1,061)	46,579
55	Transportation Equipment	392	14,551	8,749	(2,239)	6,510
56	Stores Equipment	393	7	7	-	7
57	Tools & Garage Equipment	394	10,422	10,366	(348)	10,018
58	Laboratory Equipment	395	45	67	-	67
59	Power Operated Equipment	396	667	349	(167)	182
60	Communication Equipment	397	1,490	303	(17)	286
61	Miscellaneous Equipment	398	1,383	2,186	(223)	1,963
62	Other Tangible Property	399	16	-	-	-
63	TOTAL GENERAL		<u>107,641</u>	<u>105,860</u>	<u>(3,566)</u>	<u>102,294</u>
64	Total Plant		<u>\$ 1,036,257</u>	<u>\$ 1,088,025</u>	<u>\$ (15,150)</u>	<u>\$1,072,875</u>

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Cost of Removal

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2019	2020
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		<u>-</u>	<u>-</u>
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	125	129
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	-	-
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		<u>125</u>	<u>129</u>
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	200	206
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	-	-
23	Wells	352	-	-
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		<u>200</u>	<u>206</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Cost of Removal

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2019	2020
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	-	-
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		-	-
DISTRIBUTION PLANT				
38	Land & Land Rights	374	-	-
39	Structures & Improvements	375	-	-
40	Mains	376	790	962
41	Measuring & Regulating Station Equipment	378	955	997
42	Measuring & Regulating Station Equipment	379	-	-
43	Services	380	6,209	3,633
44	Meters	381	1	1
45	Meter Installations	382	52	53
46	House Regulators	383	126	130
47	House Regulatory Installations	384	13	14
48	Industrial Measuring & Reg. Station Equipment	385	-	-
49	Other Property	386	-	-
50	Other Equipment	387	-	-
51	TOTAL DISTRIBUTION		8,146	5,790
GENERAL PLANT				
52	Land & Land Rights	389	-	-
53	Structures & Improvements	390	89	78
54	Office Furniture & Equipment	391	-	-
55	Transportation Equipment	392	12	12
56	Stores Equipment	393	-	-
57	Tools & Garage Equipment	394	-	-
58	Laboratory Equipment	395	-	-
59	Power Operated Equipment	396	-	-
60	Communication Equipment	397	-	-
61	Miscellaneous Equipment	398	-	-
62	Other Tangible Property	399	-	-
63	TOTAL GENERAL		101	90
64	Total Plant		\$ 8,572	\$ 6,215

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Negative Net Salvage Amortization

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2019	2020
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		<u>-</u>	<u>-</u>
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	30	51
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	10	-
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		<u>40</u>	<u>51</u>
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	291	291
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	-	-
23	Wells	352	16	16
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		<u>307</u>	<u>307</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Negative Net Salvage Amortization

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2019	2020
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	1	1
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		1	1
DISTRIBUTION PLANT				
38	Land & Land Rights	374	-	-
39	Structures & Improvements	375	7	7
40	Mains	376	1,358	1,333
41	Measuring & Regulating Station Equipment	378	353	364
42	Measuring & Regulating Station Equipment	379	10	-
43	Services	380	5,967	5,465
44	Meters	381	1	1
45	Meter Installations	382	310	276
46	House Regulators	383	1,175	1,041
47	House Regulatory Installations	384	5	6
48	Industrial Measuring & Reg. Station Equipment	385	11	9
49	Other Property	386	1	-
50	Other Equipment	387	2	2
51	TOTAL DISTRIBUTION		9,200	8,504
GENERAL PLANT				
52	Land & Land Rights	389	-	-
53	Structures & Improvements	390	140	97
54	Office Furniture & Equipment	391	-	-
55	Transportation Equipment	392	(76)	(85)
56	Stores Equipment	393	-	-
57	Tools & Garage Equipment	394	-	-
58	Laboratory Equipment	395	-	-
59	Power Operated Equipment	396	(2)	(3)
60	Communication Equipment	397	-	-
61	Miscellaneous Equipment	398	6	6
62	Other Tangible Property	399	-	-
63	TOTAL GENERAL		68	15
64	Total Plant		\$ 9,616	\$ 8,878

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Salvage

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2019	2020
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		<u>-</u>	<u>-</u>
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	-	-
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	-	-
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		<u>-</u>	<u>-</u>
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	-	-
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	-	-
23	Wells	352	-	-
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		<u>-</u>	<u>-</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Salvage

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2019	2020
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	-	-
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		-	-
DISTRIBUTION PLANT				
38	Land & Land Rights	374	-	-
39	Structures & Improvements	375	-	-
40	Mains	376	-	-
41	Measuring & Regulating Station Equipment	378	(285)	(299)
42	Measuring & Regulating Station Equipment	379	-	-
43	Services	380	-	-
44	Meters	381	-	-
45	Meter Installations	382	-	-
46	House Regulators	383	-	-
47	House Regulatory Installations	384	-	-
48	Industrial Measuring & Reg. Station Equipment	385	-	-
49	Other Property	386	-	-
50	Other Equipment	387	-	-
51	TOTAL DISTRIBUTION		(285)	(299)
GENERAL PLANT				
52	Land & Land Rights	389	-	-
53	Structures & Improvements	390	-	-
54	Office Furniture & Equipment	391	-	-
55	Transportation Equipment	392	(164)	(159)
56	Stores Equipment	393	-	-
57	Tools & Garage Equipment	394	-	-
58	Laboratory Equipment	395	-	-
59	Power Operated Equipment	396	-	(1)
60	Communication Equipment	397	-	-
61	Miscellaneous Equipment	398	-	-
62	Other Tangible Property	399	-	-
63	TOTAL GENERAL		(164)	(160)
64	Total Plant		\$ (449)	\$ (459)

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Working Capital

Line No	Description	[1]	[2]
		Fully Projected FTY 9-30-20	Reference
1	Working Capital for O & M Expense	\$ 35,127	C-4, Page 2
2	Interest Payments	(4,757)	C-4, Page 7
3	Tax Payment Lag Calculations	2,813	C-4, Page 8
4	Prepaid Expenses	6,573	C-4, Page 9
5	Total Cash Working Capital Requirements	<u>\$ 39,756</u>	

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Summary of Working Capital

Line #	Description	[1] Reference	[2] Test Year Expenses	[3] Factor	[4] Number of (Lead) / Lag Days [2] * [3]	[5] Totals
WORKING CAPITAL REQUIREMENT						
1	REVENUE LAG DAYS	Page 3				56.89
2	EXPENSE LAG DAYS	Page 4				
3	Payroll	Sch D-7	\$ 81,037	12.00	\$ 972,449	
4	Purchased Gas Costs	Sch D-6	266,711	36.41	9,710,935	
5	Other Expenses	L 19 - L 2 to L 4	158,062	33.36	5,272,960	
6	Total	Sum (L 3 to L 5)	<u>\$ 505,811</u>		<u>\$ 15,956,344</u>	
7	O & M Expense Lag Days	L6, C 4 / C 2				31.55
8	Net (Lead) Lag Days	L 1 - L 7				25.34
9	Operating Expenses Per Day	L 6, C 2 / 365				<u>\$ 1,386</u>
10	Working Capital for O & M Expense	L 8 * L 9				\$ 35,127
11	Interest Payments	Page 7				(4,757)
12	Tax Payment Lag Calculations	Page 8				2,813
13	Prepaid Expenses	Page 9				6,573
14	Total Working Capital Requirement	Sum (L 10 to L 13)				<u>\$ 39,756</u>
15	Pro Forma O & M Expense		\$ 516,585			
16	Less: Uncollectible Expense		<u>10,773</u>			
17	Sub-Total		<u>10,773</u>			
18	Pro Forma Cash O&M Expense		<u>\$ 505,811</u>			

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Revenue Lag						
Line No.	Description	[1] Reference Or Factor	[2] Accounts Receivable Balance End of Month	[3] Total Monthly Sales Page 2	[4] A/R Turnover [3] / [2]	[5] Days Lag 365 / [4]
1	Annual Number of Days					<u>365</u>
2	September, 2017		\$ 36,102			
3	October		31,948	33,599		
4	November		46,928	59,758		
5	December, 2017		89,395	102,535		
6	January, 2018		156,129	174,810		
7	February		154,986	125,325		
8	March		165,689	118,854		
9	April		159,810	103,634		
10	May		127,108	57,722		
11	June		105,624	34,109		
12	July		84,995	28,528		
13	August		67,069	29,902		
14	September, 2018		54,818	26,990		
15	Total	Sum L 2 to L 14	<u>\$1,280,602</u>			
16	Number of Months	<u>13</u>				
17	Average Acct Rec Balance	L 15 / L 16	<u>\$98,508</u>			
18	Total Sales for Year	Sum L 2 to L 14		<u>\$ 895,766</u>		
19	Acct Rec Turnover Ratio	L 18 / L 17			<u>9.09</u>	
20	Collection Lag Day Factor	L 1 / L 19				40.15
21	Meter Read Lag Factor					1.53
22	Midpoint Lag Factor		365	/	12	/
					2	=
						<u>15.21</u>
23	Total Revenue Lag Days	Sum L 20 to L 22				<u>56.89</u>

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Summary of Expense Lag Calculations

Line No.	Description	[1] Reference Or Factor	[2] Amount	[3] (Lead) / Lag Days	[4] Weighted Dollar Value [2] * [3]	[5] (Lead) / Lag Days [4] / [2]
<u>PAYROLL</u>						
1	Union Payrolls	Bi-Weekly	\$ 29,132	12.00		
2	Exempt & Non-Exempt	Bi-Weekly	51,084	12.00		
3	Weighted for Union	L1, C2 * C3			\$ 349,584	
4	Weighted for Other	L2, C2 * C3			613,012	
5	Payroll Lag	L 3 + L 4	<u>\$ 80,216</u>		<u>\$ 962,596</u>	
6	Payroll Lag Days	C 4 / C 2				<u>12.00</u>
<u>PURCHASE GAS COSTS</u>						
7	Payment Lag	Page 6	<u>\$ 421,737</u>		<u>\$ 15,355,410</u>	
8	Gas Cost Lag Days	C 4 / C 2				<u>36.41</u>
<u>OTHER O & M EXPENSES</u>						
9	OCTOBER 2017	Page 5	\$ 14,023		\$ 424,589	
10	NOVEMBER 2017	Page 5	9,081		328,748	
11	DECEMBER 2017	Page 5	9,616		340,014	
12	JANUARY 2018	Page 5	9,835		358,677	
13	FEBRUARY 2018	Page 5	9,890		328,281	
14	MARCH 2018	Page 5	15,985		474,561	
15	APRIL 2018	Page 5	8,921		328,305	
16	MAY 2018	Page 5	10,895		370,074	
17	JUNE 2018	Page 5	13,560		514,214	
18	JULY 2018	Page 5	8,779		295,626	
19	AUGUST 2018	Page 5	12,967		386,681	
20	SEPTEMBER 2018	Page 5	11,795		364,935	
21	TOTAL		<u>\$ 135,348</u>		<u>\$ 4,514,705</u>	
22	Other O&M Expense Lag Days	L21, C 4 / C 2				<u>33.36</u>

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General Disbursements Payment Lag Summary

Line #	Description	[1] Number of CDs	[2] Cash Disbursements	[3] Dollar-Days	[4] Expense Lag-Days [3] / [2]
OCTOBER 2017					
1	Total Disbursements for Month	4,895	\$ 42,191		
2	Total Disbursements for Expenses	4,094	\$ 14,023	\$ 424,589	30.28
NOVEMBER 2017					
3	Total Disbursements for Month	3,913	\$ 29,198		
4	Total Disbursements for Expenses	3,450	\$ 9,081	\$ 328,748	36.20
DECEMBER 2017					
5	Total Disbursements for Month	4,195	\$ 40,530		
6	Total Disbursements for Expenses	3,559	\$ 9,616	\$ 340,014	35.36
JANUARY 2018					
7	Total Disbursements for Month	4,445	\$ 36,037		
8	Total Disbursements for Expenses	3,853	\$ 9,835	\$ 358,677	36.47
FEBRUARY 2018					
9	Total Disbursements for Month	3,785	\$ 40,194		
10	Total Disbursements for Expenses	3,334	\$ 9,890	\$ 328,281	33.19
MARCH 2018					
11	Total Disbursements for Month	4,375	\$ 42,710		
12	Total Disbursements for Expenses	3,864	\$ 15,985	\$ 474,561	29.69
APRIL 2018					
13	Total Disbursements for Month	4,027	\$ 31,475		
14	Total Disbursements for Expenses	3,551	\$ 8,921	\$ 328,305	36.80
MAY 2018					
15	Total Disbursements for Month	4,603	\$ 33,012		
16	Total Disbursements for Expenses	3,953	\$ 10,895	\$ 370,074	33.97
JUNE 2018					
17	Total Disbursements for Month	4,205	\$ 36,173		
18	Total Disbursements for Expenses	3,567	\$ 13,560	\$ 514,214	37.92
JULY 2018					
19	Total Disbursements for Month	4,506	\$ 34,021		
20	Total Disbursements for Expenses	3,817	\$ 8,779	\$ 295,626	33.68
AUGUST 2018					
21	Total Disbursements for Month	5,151	\$ 39,556		
22	Total Disbursements for Expenses	4,306	\$ 12,967	\$ 386,681	29.82
SEPTEMBER 2018					
23	Total Disbursements for Month	4,237	\$ 42,846		
24	Total Disbursements for Expenses	3,404	\$ 11,795	\$ 364,935	30.94
25	Total Test Month Expense Disbursement	44752	\$ 135,348	\$ 4,514,705	33.69

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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Schedule C-4
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Purchase Gas Cost Payment Lag Summary

Line #	Description	[1] Number of Invoices	[2] Amount of Invoice	[3] Dollar Days	[4] Total Payment Lag-Days
1	October 2017	64	\$ 15,022	\$ 581,943	38.74
2	November	80	32,466	935,919	28.83
3	December	93	45,372	1,421,740	31.34
4	January 2018	104	55,686	1,986,518	35.67
5	February	100	92,080	3,463,565	37.61
6	March	110	43,412	1,529,099	35.22
7	April	91	27,126	1,064,886	39.26
8	May	80	33,804	1,355,016	40.08
9	June	66	19,393	748,930	38.62
10	July	89	17,731	695,169	39.21
11	August	64	20,883	848,427	40.63
12	September 2018	75	<u>18,762</u>	<u>724,199</u>	38.60
13	Total		<u>\$ 421,737</u>	<u>\$ 15,355,410</u>	
14	Purchase Gas Lag Days				<u>36.41</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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Interest Payments

Line No.	Description	[1] Reference Or Factor	[2] # of Days	[3] # of Days	[4] Total
1	Measure of Value at September 30, 2020	Sch C-1			\$ 2,363,572
2	Long-term Debt Ratio	Sch B-6			45.20%
3	Embedded Cost of Long-term Debt	Sch B-6			4.73%
4	Pro forma Interest Expense	L 1 * L 2 * L 3			<u>\$ 50,532</u>
5	Daily Amount	L 4 / L 5 [2]	365		\$ 138
6	Days to mid-point of interest payments			91.25	
7	Less: Revenue Lag Days	Page 3		56.89	
8	Interest Payment lag days	L 7 - L 6			(34.4)
9	Total Interest for Working Capital	L 5 * L 8			<u>\$ (4,757)</u>

Tax Lag Day Calculations

Line #	Description	[1] Payment Dates	[2] Mid-Point of Service Period	[3] Lead (Lag) Payment Days [1] - [2]	[4] Payment Amount	[5] Weighted Lead (Lag) Dollars [3] * [4]	[6] Payment Lead (Lag) Days [5] / [4]	[7] Revenue (Lag) Days	[8] Net Payment Lead (Lag) Days [6] - [7]	[9] Total Dollar Days	[10] Working Capital Amount
											365
1	FEDERAL INCOME TAX				\$ 35,904						
2	First Payment	01/05/20	04/01/20	87.00	\$ 8,976	780,906					
3	Second Payment	03/15/20	04/01/20	17.00	8,976	152,591					
4	Third Payment	06/15/20	04/01/20	(75.00)	8,976	(673,195)					
5	Fourth Payment	09/15/20	04/01/20	(167.00)	8,976	(1,498,981)					
6	Total				\$ 35,904	\$ (1,238,679)	(34.50)	(56.89)	22.39	\$ 803,885	\$ 2,202
7	STATE INCOME TAX				\$ 8,191						
8	First Payment	12/15/19	04/01/20	108.00	\$ 2,048	221,156					
9	Second Payment	03/15/20	04/01/20	17.00	2,048	34,812					
10	Third Payment	06/15/20	04/01/20	(75.00)	2,048	(153,580)					
11	Fourth Payment	09/15/20	04/01/20	(167.00)	2,048	(341,972)					
12	Total				\$ 8,191	(239,585)	(29.25)	(56.89)	27.64	\$ 226,398	\$ 620
13	PA PROPERTY TAX				\$ 703						
14	First Payment	03/31/20	04/01/20	1.00	\$ 352	352					
15	Second Payment	09/30/20	04/01/20	(182.00)	352	(63,973)					
16	Total				\$ 703	(63,622)	(90.50)	(56.89)	(33.61)	\$ (23,628)	\$ (65)
17	PURTA				\$ 746						
18	Payment	05/01/20	04/01/20	(30.00)	\$ 746	(22,380)	(30.00)	(56.89)	26.89	\$ 20,060	\$ 55
19	Total Working Capital For Other Taxes										\$ 2,813

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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Schedule C-4
Witness: M. Mattern
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Prepaid Expenses

Line #	[1] Description	[2] TOTAL	[3] Insurance	[4] PUC Assessment	[5] Property Taxes	[6] Subscriptions	[7] Postage	[8] Rent	[9] Maintenance & Services
1	September, 2017	5,935	\$ 2,595	\$ (738)	\$ 437	\$ 29	\$ 6	\$ 30	\$ 3,576
2	October	8,521	2,706	1,968	380	104	9	30	3,324
3	November	7,699	2,419	1,722	321	80	7	30	3,120
4	December, 2017	6,844	2,140	1,476	263	28	13	30	2,894
5	January, 2018	6,225	1,929	1,230	211	140	25	30	2,660
6	February	5,979	1,528	984	298	600	43	30	2,496
7	March	4,481	1,168	738	288	114	10	30	2,133
8	April	4,525	1,066	492	280	189	8	30	2,460
9	May	4,402	720	246	238	133	32	30	3,003
10	June	7,023	3,985	-	178	76	7	30	2,747
11	July	8,282	4,016	(246)	271	151	7	30	4,053
12	August	7,824	3,723	(492)	431	95	6	30	4,031
13	September, 2018	7,708	3,317	-	408	38	8	30	3,907
14	TOTAL	<u>\$ 85,448</u>	<u>\$ 31,312</u>	<u>\$ 7,380</u>	<u>\$ 4,004</u>	<u>\$ 1,777</u>	<u>\$ 181</u>	<u>\$ 390</u>	<u>\$ 40,404</u>
15	Percent to Gas		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
16	Amount to Gas		<u>\$ 31,312</u>	<u>\$ 7,380</u>	<u>\$ 4,004</u>	<u>\$ 1,777</u>	<u>\$ 181</u>	<u>\$ 390</u>	<u>\$ 40,404</u>
17	Monthly Average	13	<u>\$ 2,409</u>	<u>\$ 568</u>	<u>\$ 308</u>	<u>\$ 137</u>	<u>\$ 14</u>	<u>\$ 30</u>	<u>\$ 3,108</u>
18	Rate Case Amount		<u>\$ 6,573</u>						

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule C-5
Witness: M. Mattern
Page 1 of 1

Gas Inventory

[1]

Line No.	Description	Stored Underground
1	September, 2017	\$ 39,486
2	October	44,524
3	November	43,395
4	December, 2017	34,587
5	January, 2018	22,977
6	February	13,453
7	March	3,460
8	April	6,904
9	May	13,034
10	June	18,608
11	July	25,414
12	August	31,433
13	September, 2018	37,287
14	Total	<u>\$ 334,562</u>
15	Number of Months	<u>13</u>
16	Average Monthly Balance	<u>\$ 25,736</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule C-6
Witness: N. M. McKinney
 Page 1 of 1

Accumulated Deferred Income Taxes

[1]

[2]

Line #	Description	Amount	Total
<u>Accumulated Deferred Income Tax</u>			
1	Gas Utility Plant - a/c # 282	\$ (585,534)	
2	Sub-total		(585,534)
3	ADIT on CIAC	28,752	
4	Sub-total		<u>28,752</u>
5	Federal ADIT		(556,782)
6	State Repair Regulatory Liability	(26,723)	(26,723)
7	Pro-Rata Adjustment	8,723	<u>8,723</u>
8	Balance At September 30, 2020		<u><u>\$ (574,782)</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule C-7
Witness: M. Mattern
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Customer Deposits

[1]

Line #	Description	Balance At End Of Month
1	Balance as of September 30, 2018	<u>\$ 18,920</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Materials & Supplies

Line #	Month	[1] Materials & Supplies
1	September, 2017	\$ 12,256
2	October	12,506
3	November	12,805
4	December, 2017	13,400
5	January, 2018	13,675
6	February	14,198
7	March	14,375
8	April	14,537
9	May	14,110
10	June	14,098
11	July	14,221
12	August	13,766
13	September, 2018	13,715
14	Total	\$ 177,662
15	Number of Months	13
16	Average Monthly Balance	\$ 13,666

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule D-1
Witness: S. F. Anzaldo
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Summary of Revenue and Expenses
Pro Forma with Proposed Revenue Increase

Line #	Description	Factor Or Reference	[1]	[2]	[3]
			Pro Forma Test Year		
			At Present Rates	Rate Increase	At Proposed Rates
OPERATING REVENUES					
1	Customer & Distribution Revenue		\$ 512,845	\$ -	\$ 512,845
2	Gas Supply & Cost Adjustment Revenue		281,985	-	281,985
3	Other Revenues		5,880	-	5,880
4	Revenue Increase			71,090	71,090
5	Total operating revenues		<u>800,710</u>	<u>71,090</u>	<u>871,800</u>
OPERATING EXPENSES					
6	Manufactured Gas		4,924	-	4,924
7	Gas Supply Production		266,711	-	266,711
8	Transmission		-	-	-
9	Distribution		77,126	-	77,126
10	Customer Accounts		34,159	-	34,159
11	Uncollectible Expense	1.348%	10,773	958	11,732
12	Customer Information & Services		5,467	-	5,467
13	Sales		2,532	-	2,532
14	Administrative & General		114,892	-	114,892
15	Depreciation & Amortization		102,722	-	102,722
16	Taxes other than income taxes		11,028	-	11,028
17	Total operating expenses		<u>630,335</u>	<u>958</u>	<u>631,293</u>
18	Net operating income Before Income Tax		170,375	70,132	240,507
Income Taxes					
19	Pro Forma Income Tax At Present Rates		23,832		23,832
20	Pro Forma Income Tax on Revenue Increase			20,262	20,262
21	Net Income (loss)		<u>\$ 146,543</u>	<u>\$ 49,870</u>	<u>\$ 196,413</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-2
Witness: S. F. Anzaldo
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**Summary of Pro Forma Revenue and Expense
Adjustments with Proposed Revenue Increase**

Line #	Description	[1]	[2]	[3]	[4]	[5]	[6]
		Factor Or Reference	Budget For Year End 09/30/20	Adjustments Sch D-3 Increase (Decrease)	Pro Forma Adjusted For Test Year 9/30/20	Proposed Increase	Pro Forma Test Year With Proposed Increase
			Test Year At Present Rates				
<u>OPERATING REVENUES</u>				-	[2] + [3]		[4] + [5]
1	Residential (R/RT)	480	\$ 534,349	\$ (53,378)	\$ 480,971		\$ 480,971
2	Comm & Ind (N/NT)	481	209,730	(14,284)	195,446		195,446
3	Comm & Ind (DS)	489	34,166	18	34,184		34,184
4	Lg Transport/Other	489	70,632	(1,410)	69,222		69,222
5	Interruptible	489	24,604	(9,597)	15,007		15,007
6	Forfeited Discounts		4,908	-	4,908		4,908
7	Miscellaneous Service Revenues		666	-	666		666
8	Rent from Gas Properties		306	-	306		306
9	Rate Increase					71,090	71,090
10	Total operating revenues		<u>879,361</u>	<u>(78,651)</u>	<u>800,710</u>	<u>71,090</u>	<u>871,800</u>
<u>OPERATING EXPENSES</u>							
11	Gas Production		3,985	939	4,924		4,924
12	Gas Supply Production		320,409	(53,698)	266,711		266,711
13	Transmission		-		-		
14	Distribution		76,390	736	77,126		77,126
15	Customer Accounts		34,190	(31)	34,159		34,159
16	Uncollectible Expense	1.348%	11,103	(330)	10,773	958	11,732
17	Customer Information & Services		9,446	(3,980)	5,467		5,467
18	Sales		2,522	10	2,532		2,532
19	Administrative & General		107,570	7,322	114,892		114,892
20	Depreciation & Amortization		95,826	6,896	102,722		102,722
21	Taxes other than income taxes		10,872	156	11,028		11,028
22	Total operating expenses		<u>672,314</u>	<u>(41,979)</u>	<u>630,335</u>	<u>958</u>	<u>631,293</u>
23	Net Operating Income - BIT		<u>\$ 207,047</u>	<u>\$ (36,672)</u>	<u>\$ 170,375</u>	<u>\$ 70,132</u>	<u>\$ 240,507</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule D-3
Witness: S. F. Anzaldo
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Summary of Pro Forma Adjustments

Line #	Description	[1]	[2]	[3]	[4]	[5]	[6] Adjustments					[7]	[8]	[9]	[10]	[11]	[12]	[13]
		As Budgeted And Allocated	Company Use Gas D-4	Revenues D-5	Gas Costs D-6	Salaries & Wages D-7	Environmental Expense D-8	Enhanced Safety Initiatives D-9	Rate Case D-10	Uncollectibles Expense D-11	Facility Expense D-12	D-13	Sub-Total Adjustments	Total Proforma				
OPERATING REVENUES																		
Customer & Distribution Revenue																		
1	Residential (R/RT)	480	\$ 287,831	\$ (11,514)													\$ (11,514)	\$ 276,317
2	Comm & Ind (N/NT)	481	118,305	(302)													(302)	118,003
3	Comm & Ind (DS)	489	34,358	(10)													(10)	34,348
4	Lg Transport/Other	489	70,632	(1,462)													(1,462)	69,170
5	Interruptible	489	24,604	(9,597)													(9,597)	15,007
Revenue for Cost of Gas																		
6	Residential (R/RT)	480	246,518	(41,864)													(41,864)	204,654
7	Comm & Ind (N/NT)	481	91,425	(13,982)													(13,982)	77,443
8	Comm & Ind (DS)	489	(192)	28													28	(164)
9	Lg Transport/Other	489	-	52													52	52
10	Interruptible Transport	489	-	-													-	-
11	Forfeited Discounts		4,908	-													-	4,908
12	Miscellaneous Service Revenues		666	-													-	666
13	Rent from Gas Properties		306	-													-	306
14	Rate Increase		-	-													-	-
15	Total operating revenues		879,361	(78,651)	-	-	-	-	-	-	-	-	-	-	-	-	(78,651)	800,710
OPERATING EXPENSES																		
16	Gas Production		3,985			1	938										939	4,924
17	Gas Supply Production		320,409	(53,698)													(53,698)	266,711
18	Transmission		-															-
19	Distribution		76,390	(376)		488											112	76,502
20	Customer Accounts		34,190			214											214	34,404
21	Uncollectible Expense		11,103							(330)							(330)	10,773
22	Customer Information & Services		9,446			25											25	9,472
23	Sales		2,522			10											10	2,532
24	Administrative & General		107,570	(545)		362	2,062	819	1,378								4,076	111,645
25	Depreciation & Amortization		95,826														-	95,826
26	Taxes other than income taxes		10,872														-	10,872
27	Total operating expenses		\$ 672,314	\$ (921)	\$ -	\$ (53,698)	\$ 1,100	\$ 3,000	\$ 819	\$ 1,378	\$ (330)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (48,651)	\$ 623,662
28	Net operating income Before Income Tax		\$ 207,047	\$ 921	\$ (78,651)	\$ 53,698	\$ (1,100)	\$ (3,000)	\$ (819)	\$ (1,378)	\$ 330	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (30,000)	\$ 177,048

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-3
Witness: S. F. Anzaldo
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Summary of Pro Forma Adjustments

Line #	Description	[1]	[2]	[3]	[4]	[5]	[6] Adjustments		[7]	[8]	[9]	[10]	[11]	[12]	[13]
		From Page 1 Sub-total		Benefits Adjustments D-14	Other Adjustments D-15	Universal Service D-16	D-17	D-18	EE&C Program D-19		Depreciation D-21	Taxes Other Than Income D-31			TOTAL Adjusted
OPERATING REVENUES															
29	Customer & Distribution Revenue														
30	Residential (R/RT)	\$ 276,317													\$ 276,317
31	Comm & Ind (N/NT)	118,003													118,003
32	Comm & Ind (DS)	34,348													34,348
33	Lg Transport/Other	69,170													69,170
34	Interruptible	15,007													15,007
Revenue for Cost of Gas															
35	Residential (R/RT)	204,654													204,654
36	Comm & Ind (N/NT)	77,443													77,443
37	Comm & Ind (DS)	(164)													(164)
38	Lg Transport/Other	52													52
39	Interruptible Transport	-													-
40	Forfeited Discounts	4,908													4,908
41	Miscellaneous Service Revenues	666													666
42	Rent from Gas Properties	306													306
43	Rate Increase	-													-
44	Total operating revenues	800,710	-	-	-	-	-	-	-	-	-	-	-	-	800,710
OPERATING EXPENSES															
45	Gas Production	4,924													4,924
46	Gas Supply Production	266,711													266,711
47	Transmission	-													-
48	Distribution	76,502			624										77,126
49	Customer Accounts	34,404			2,536	(2,781)									34,159
50	Uncollectible Expense	10,773													10,773
51	Customer Information & Services	9,472						(4,005)							5,467
52	Sales	2,532													2,532
53	Administrative & General	111,645		2,567	680										114,892
54	Depreciation & Amortization	95,826								6,896					102,722
55	Taxes other than income taxes	10,872											156		11,028
56	Total operating expenses	\$ 623,662	\$ -	\$ 2,567	\$ 3,840	\$ (2,781)	\$ -	\$ -	\$ (4,005)	\$ -	\$ 6,896	\$ 156	\$ -	\$ -	\$ 630,335
57	Net operating income Before Income Tax	\$ 177,048	\$ -	\$ (2,567)	\$ (3,840)	\$ 2,781	\$ -	\$ -	\$ 4,005	\$ -	\$ (6,896)	\$ (156)	\$ -	\$ -	\$ 170,375

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule D-4
 Witness: S. F. Anzaldo
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Company Use of Fuel

Line #	Description	[1] Reference	[2] Amount	[3] Total
1	Remove Company Use of Fuel	a/c 880.001	\$ (243)	
2	Remove Company Use of Fuel	a/c 880.001	(133)	
3	Remove Company Use of Fuel	a/c 930.201	(545)	
4				<u>\$ (921)</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Fully Projected Future Period - 12 Months Ended September 30, 2020
(\$ in Thousands)

Schedule D-5
Witness: D. E. Lahoff
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Adjustment - Revenue Adjustments

	[1]	[2]	[3]	[4]	[5]	[6]
			PRO FORMA ADJUSTMENTS			
Line #	Reference Or Account Number	2020 Budget	Other Adjustments	Rev/PGC Adj Annualization	Total Proforma Adjustments D-5A	Proforma Adjusted At Present Rates
Customer & Distribution Revenue						
1	Residential (R/RT)	\$ 287,831	\$ (11,514)		\$ (11,514)	\$ 276,317
2	Comm & Ind (N/NT)	118,305	(302)		(302)	118,003
3	Comm & Ind (DS)	34,358	(10)		(10)	34,348
4	Lg Transport/Other	70,632	(1,462)		(1,462)	69,170
5	Interruptible	24,604	(9,597)		(9,597)	15,007
6	Cust Chg & Distrib Revenue	535,730	(22,885)	-	(22,885)	512,845
Revenue for Cost of Gas						
7	Residential (R/RT)	246,518	(2,979)	(38,885)	(41,864)	204,654
8	Comm & Ind (N/NT)	91,425	831	(14,813)	(13,982)	77,443
9	Comm & Ind (DS)	(192)	28		28	(164)
10	Lg Transport/Other	-	52		52	52
11	Interruptible Transport	-	-		-	-
12	Revenue for Cost of Gas	337,751	(2,068)	(53,698)	(55,766)	281,985
13	Total Customer Revenue	873,481	(24,953)	(53,698)	(78,651)	794,830
14	Forfeited Discounts	4,908		-	-	4,908
15	Miscellaneous Service Revenues	625		-	-	625
16	Rent from Gas Properties	306		-	-	306
17	Other Revenues	41			-	41
18	TOTAL REVENUES	\$ 879,361	\$ (24,953)	\$ (53,698)	\$ (78,651)	\$ 800,710

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-5A
Witness: D. E. Lahoff
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Adjustment - Test Year Revenue Changes

Line #	Description	[1] Factor Or Reference	[2] Budgeted Jurisdictional	[3] Revised Jurisdictional	[4] Adjustment [3] - [2]	[5] Total Adjustment
TOTAL REVENUE						
1	Residential (R/RT)		\$ 534,348	\$ 480,970	\$ (53,378)	
2	Comm & Ind (N/NT)		209,730	195,446	(14,284)	
3	Comm & Ind (DS)		34,167	34,185	18	
4	Lg Transport/Other		70,632	69,222	(1,410)	
5	Interruptible		24,604	15,007	(9,597)	
6	Total		<u>\$ 873,481</u>	<u>\$ 794,830</u>	<u>\$ (78,651)</u>	<u>\$ (78,651)</u>
COST OF COMMODITY						
7	Residential (R/RT)		\$ 246,518	\$ 204,654	\$ (41,864)	
8	Comm & Ind (N/NT)		91,425	77,443	(13,982)	
9	Comm & Ind (DS)		(191)	(163)	28	
10	Lg Transport/Other		0	52	52	
11	Interruptible		0	0	0	
12	Total		<u>\$ 337,752</u>	<u>\$ 281,986</u>	<u>\$ (55,766)</u>	<u>\$ (55,766)</u>
NET CUSTOMER & DISTRIBUTION						
13	Residential (R/RT)		\$ 287,830	\$ 276,316	\$ (11,514)	
14	Comm & Ind (N/NT)		118,305	118,003	(302)	
15	Comm & Ind (DS)		34,358	34,348	(10)	
16	Lg Transport/Other		70,632	69,170	(1,462)	
17	Interruptible		24,604	15,007	(9,597)	
18	Total		<u>\$ 535,729</u>	<u>\$ 512,844</u>	<u>\$ (22,885)</u>	<u>\$ (22,885)</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-6
Witness: D. E. Lahoff
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Adjustment - Gas Costs

Line #	Description	[1]	[2]	[3]	[4]	[5]
		Budgeted Gas Costs	PRO FORMA ADJUSTMENTS			Pro Forma Gas Costs At Pres Rates
			D-5A Gas Costs	Co Use	Gas Cost Pro Forma Adjustments	
1	Budgeted Gas Costs	\$ 320,409			\$ -	\$ 320,409
2	Residential (R/RT)		(38,885)		(38,885)	(38,885)
3	Comm & Ind (N/NT)		(14,813)		(14,813)	(14,813)
4	Comm & Ind (DS)		-		-	-
5	Lg Transport/Other		-		-	-
6	Interruptible		-		-	-
7	Total Gas Costs	<u>\$ 320,409</u>	<u>\$ (53,698)</u>	<u>\$ -</u>	<u>\$ (53,698)</u>	<u>\$ 266,711</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-7
Witness: S. F. Anzaldo
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Adjustment - Salaries & Wages

Line #	Description	[1] Budgeted Year 09/30/20	[2] Adjustment	[3] Payroll As Distributed	[4] Annualization Adjustment	[5] Total Pro Forma Payroll
<u>OPERATIONS</u>						
1	Total Natural Gas Production Expenses	\$ 93	\$ -	\$ 93	\$ 1	\$ 94
2	Total Underground Storage Expenses	6	-	6	-	6
3	Total Transmission Operation Expenses	-	-	-	-	-
4	Total Distribution Operation Expenses	25,701	819	26,520	357	26,877
5	Customer Account Operations Expenses	15,400	-	15,400	214	15,614
6	Total Cust. Service & Inform. Operations Exp	1,833	-	1,833	25	1,858
7	Total Operation Sales Expenses	716	-	716	10	726
8	Total A & G Operation Expenses	24,924	-	24,924	347	25,271
9	Total Operations	<u>68,673</u>	<u>819</u>	<u>69,492</u>	<u>955</u>	<u>70,447</u>
<u>MAINTENANCE</u>						
10	Total Underground Maintenance Expenses	-	-	-	-	-
11	Storage Maintenance Expenses	-	-	-	-	-
12	Total Transmission Maintenance Expenses	-	-	-	-	-
13	Total Distribution Maintenance Expenses	9,375	-	9,375	130	9,505
14	Total A&G Maintenance	1,070	-	1,070	15	1,085
15	Total Maintenance	<u>10,445</u>	<u>-</u>	<u>10,445</u>	<u>145</u>	<u>10,590</u>
16	Total Payroll to Expense	<u>\$ 79,118</u>	<u>\$ 819</u>	<u>\$ 79,937</u>	<u>\$ 1,100</u>	<u>\$ 81,037</u>
17	Percent Increase					<u>1.377%</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-7
Witness: S. F. Anzaldo
Page 2 of 2

		Adjustment - Salaries & Wages				
		[1]	[2]	[3]	[4]	[5]
Line #	Description	Reference Or Function	Union At 6-1	Non-Exempt	Exempt	Pro Forma Total Payroll
1	Budgeted Payroll For TY 9-30-20		\$ 28,558	\$ 27,332	\$ 23,226	<u>\$ 79,116</u>
Annualize for Wage Increase to 9-30-20						
2	Percent Increase		3.00%	3.00%	3.00%	
3	Union Increase At 6/1 Annualization Factor	6/1/20	67%			
4	Non-Exempt Annualization Factor	4/1/20		50%		
5	Exempt Annualization Factor	12/1/19			17%	
6	Increase for wage rate changes	L 1 * L 2 * Ls 3 to 5	<u>574</u>	<u>410</u>	<u>116</u>	\$ 1,100
7	Annualized Salaries & Wages at 9-30-20 Rates	L 1 + L 6	\$ 29,132	\$ 27,742	\$ 23,342	
8	Annualization of D-9 changes FY2020					
9	Pro Forma Salaries & Wages for TY		<u>\$ 29,132</u>	<u>\$ 27,742</u>	<u>\$ 23,342</u>	
10	Pro Forma Adjustment to S&W					<u>\$ 1,100</u>
11	Annualization Factor	L 11 / L 1				<u>1.391%</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-8
Witness: M. Mattern
Page 1 of 1

Adjustment - Environmental

[1] [2]

Line #	Description	Amount	Total
Environmental Adjustment - #1			
1	2016 Environmental expenditures	\$ 2,210	
2	2017 Environmental expenditures	6,134	
3	2018 Environmental expenditures	<u>4,219</u>	
4	Three year average of Environmental expenditures	4,188	
5	Budgeted Environmental Expense	\$ 3,250	
6	Pro Forma Adjustment		<u>\$ 938</u>
Environmental Adjustment - #2			
7	Environmental expenditures	\$ 12,536	
8	Less: Total recovery since last rate case	<u>6,350</u>	
9	Unrecovered expenditures	\$ 6,186	
10	Amortized over 3 years	<u>3</u>	\$ 2,062
11	Recovery of current deferred Environmental expenditures included in the budget		<u>-</u>
12	Pro Forma Adjustment		<u>\$ 2,062</u>
Environmental Adjustment - #3			
13	Unamortized prior period environmental expenditures	\$ 1,917	
14	Remaining Amortization Period	<u>3</u>	\$ 639
15	Budgeted Amortization Expense		<u>639</u>
16	Pro Forma Adjustment		<u>\$ -</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-9
 Witness: H. G. Bell
 Page 1 of 1

Adjustment - Enhanced Safety Initiatives

[1]

[2]

Line #	Description	Amount	Total
1	Enhanced Safety Initiatives	\$ 819	
2	Pro Forma Adjustment		<u>\$ 819</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-10
Witness: S. F. Anzaldo
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Adjustment - Rate Case Expense

[1] [2] [3]

Line #	Description	Reference	Amount	Total
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Rate Case Expenditures

1	External Consultants		\$ 474	
2	External Legal		904	
3	Sub-Total	L 1 to L 2		1,378

Total Expenditures for Rate Case Filing

4	TOTAL COSTS	L 3		<u>\$ 1,378</u>
5	Normalized over 1 year (Line 4 / 3)		<u>1</u>	\$ 1,378
6	Rate Case Expense included in Budget			<u>-</u>
7	Pro Forma Adjustment	L 5 - L 6		<u>\$ 1,378</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-11
Witness: M. Mattern
Page 1 of 1

Adjustment - Uncollectibles

Line #	Description	[1] Reference Or Factor	[2] Uncollectible Expense	[3] Tariff Revenue	[4] Percent [2]/[3]	[5] Total [2]/[3]
1	2016		<u>\$ 6,873</u>	<u>\$ 641,689</u>	<u>1.07%</u>	
2	2017		<u>\$ 7,598</u>	<u>\$ 741,789</u>	<u>1.02%</u>	
3	2018		<u>\$ 16,343</u>	<u>\$ 902,250</u>	<u>1.81%</u>	
4	Three Year Average Sum (Line 1 to Line 3) / 3	<u>3</u>	<u>\$ 10,271</u>	<u>\$ 761,909</u>		<u>1.348%</u>
5	<u>2020 Budget</u>				\$ 11,110	
	Pro Forma Adjustment					
6	Adjusted Revenues	<u>1.348%</u>		<u>\$ 799,738</u>		
7	Pro Forma at Present Rate Revenue	[1] * [3]			10,780	
8	Total for Test Year					<u>\$ (330)</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-14
Witness: M. Mattern
Page 1 of 1

Adjustment - Benefits Adjustments

	[1]	[2]	[3]
Line #	Amount	Subtotal	Pro Forma Adjustment
Description	Amount	Subtotal	Adjustment
<u>Pension Expense Adjustment</u>			
1	Total budgeted pension expense	\$ 4,174	
2	Total cash contributions per revised estimate	12,934	
3	Estimated Cash Contributions attributable to UGI Gas	9,769	
4	Less: estimated capitalized portion (31%)	<u>(3,028)</u>	
5	Pension cash contributions per updated estimates	<u>6,741</u>	
6	Pro Forma Adjustment - Pension		<u><u>\$ 2,567</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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Schedule D-15
Witness: M. Mattern
Page 1 of 1

Adjustment - Other Adjustments

Line #	Description	[1] Sub-Total	[2] Total
Injuries & Damages Reserve Adjustment			
1	2016 Injuries & Damages Expense	\$ 5,339	
2	2017 Injuries & Damages Expense	5,725	
3	2018 Injuries & Damages Expense	6,279	
4	Three Year Average of Injuries and Damages Expense	5,781	
5	Budgeted Injuries and Damages Expense	\$ 5,130	
6	Pro Forma Adjustment		\$ 651
Membership Dues Adjustment			
7	Budgeted American Gas Association Membership Dues Attributable to Lobbying	\$ (16)	
8	Budgeted Energy Association of Pennsylvania Membership Dues Attributable to Lobbying	(8)	
9	Pro Forma Adjustment		\$ (24)
Customer Accounts Expense Adjustment			
10	Unrecovered Interest on Customer Deposits	\$ 1,089	
11	Fee-Free Credit Card/ACH Payment Proposal	1,447	
12	Total		\$ 2,536
Other Adjustments			
13	Daily Metering Expansion Project	\$ 624	
14	System Modifications - Energy Management Website	53	
15	Total		\$ 677

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-16
Witness: D. E. Lahoff
Page 1 of 1

Adjustment - Universal Service

Line #	Description	Amount
		[1]
	<u>Decrease for Pro Forma TY Universal Service Expense</u>	Pro Forma
	Budget	
1	Customer Assistance Plan Credit	\$ 6,044
2	Administration Costs	734
3	LIURP	2,662
4	Hardship. Program (Project Share)	18
5	Customer Assistance Plan Pre-program Arrearage	<u>1,620</u>
6	TOTAL	<u><u>\$ 11,078</u></u>
7	Adjusted Budget	<u><u>\$ 8,297</u></u>
8	Adjustment	<u><u>\$ (2,781)</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-19
Witness: S. M. Hart
Page 1 of 1

Adjustment - Energy Efficiency and Conservation Programs

Line #	Description	[1] Amount	[2] Sub-Total
<u>Energy Efficiency and Conservation Programs</u>			
1	2020 Original Program Costs	\$ 10,792	
2	Updated 2020 Program Costs	<u>10,449</u>	
3	Program Cost Adjustment		\$ (343)
4	Adjusted Budget	\$ 6,787	
5	Additional Expense Adjustment (Line 4 - Line 2)		<u>(3,662)</u>
6	Total Adjustment		<u>\$ (4,005)</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-21
Witness: J.F. Weidmayer
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Adjustment - Depreciation expense

Line #	Description	[1] Account Number	[2] Budgeted 9/30/20 Depreciation Expense	[3] Adjustment To Annualize At New Depre Study Rates	[4] Pro Forma Test Year Depreciation
INTANGIBLE PLANT					
1	Organization	301	\$ -	\$ -	\$ -
2	Franchise & Consent	302	-	-	-
3	Miscellaneous Intangible Plant	303	-	-	-
4	TOTAL INTANGIBLE		-	-	-
NATURAL GAS PRODUCTION & GATHERING					
5	Producing Lands	325.1	-	-	-
6	Producing Leaseholds	325.2	-	-	-
7	Rights of Way	325.4	-	-	-
8	Other Land Rights	325.5	-	-	-
9	Field Measuring & Regulating Station Structures	328	-	-	-
10	Other Structures	329	-	-	-
11	Producing Gas Wells-Well Construction	330	-	-	-
12	Producing Gas Wells-Well Equipment	331	-	-	-
13	Field Lines	332	1	-	1
14	Field Measuring & Reg. Station Equipment	334	3	(2)	1
15	Drilling & Cleaning Equipment	335	-	-	-
16	Other Equipment	337	-	-	-
17	TOTAL PRODUCTION & GATHERING		4	(2)	2
NATURAL GAS STORAGE & PROCESSING PLANT					
18	Land & Land Rights	304	-	-	-
19	Production Plant-Manufactured Gas Plants	305	-	-	-
20	Land	350.1	-	-	-
21	Rights of Way	350.2	-	-	-
22	Structures & Improvements	351	-	-	-
23	Wells	352	-	-	-
24	Lines	353	-	-	-
25	Compressor Station Equipment	354	-	-	-
26	Measuring & Regulating Equipment	355	-	-	-
27	Purification Equipment	356	-	-	-
28	Other Equipment	357	-	-	-
29	TOTAL STORAGE & PROCESSING		-	-	-

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-21
Witness: J.F. Weidmayer
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Adjustment - Depreciation expense

Line #	Description	[1] Account Number	[2] Budgeted 9/30/20 Depreciation Expense	[3] Adjustment To Annualize At New Depre Study Rates	[4] Pro Forma Test Year Depreciation
TRANSMISSION PLANT					
30	Land & Land Rights	365.1	-	-	-
31	Rights of Way	365.2	12	-	12
32	Structures & Improvements	366	41	(40)	1
33	Mains	367	458	4	462
34	Measuring & Regulating Station Equipment	369	233	(135)	98
35	Communication Equipment	370	150	(30)	120
36	Other Equipment	371	9	(2)	7
37	TOTAL TRANSMISSION		<u>903</u>	<u>(203)</u>	<u>700</u>
DISTRIBUTION PLANT					
38	Land & Land Rights	374	51	(9)	42
39	Structures & Improvements	375	79	5	84
40	Mains	376	29,043	1,479	30,522
41	Measuring & Regulating Station Equipment	378	2,966	964	3,930
42	Measuring & Regulating Station Equipment	379	466	10	476
43	Services	380	27,555	(360)	27,195
44	Meters	381	4,474	176	4,650
45	Meter Installations	382	2,000	186	2,186
46	House Regulators	383	319	33	352
47	House Regulatory Installations	384	353	(2)	351
48	Industrial Measuring & Reg. Station Equipment	385	737	(78)	659
49	Other Property	386	24	(1)	23
50	Other Equipment	387	79	5	84
51	TOTAL DISTRIBUTION		<u>68,146</u>	<u>2,408</u>	<u>70,554</u>
GENERAL PLANT					
52	Land & Land Rights	389	-	-	-
53	Structures & Improvements	390	3,008	2,519	5,527
54	Office Furniture & Equipment	391	13,998	2,329	16,327
55	Transportation Equipment	392	1,526	2,843	4,369
56	Stores Equipment	393	1	-	1
57	Tools & Garage Equipment	394	1,350	216	1,566
58	Laboratory Equipment	395	21	-	21
59	Power Operated Equipment	396	(50)	372	322
60	Communication Equipment	397	84	20	104
61	Miscellaneous Equipment	398	792	(80)	712
62	Other Tangible Property	399	-	-	-
63	TOTAL GENERAL		<u>20,730</u>	<u>8,219</u>	<u>28,949</u>
64	TOTAL DEPRECIATION		<u>\$ 89,783</u>	<u>\$ 10,422</u>	<u>\$ 100,205</u>
65	CHARGED TO CLEARING ACCOUNTS		<u>\$ (2,911)</u>	<u>\$ (3,450)</u>	<u>\$ (6,361)</u>
66	NET SALVAGE AMORTIZATION		<u>\$ 8,773</u>	<u>\$ 105</u>	<u>\$ 8,878</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-31
Witness: S. F. Anzaldo
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Adjustment - Taxes Other Than Income Taxes

Line #	Description	[1] Account Number	[2] Factor or Reference	[3] Budget Amounts 9/30/20	[4] Pro Forma Adjustments	[5] Pro Forma Tax Expense 9/30/20
1	PURTA Taxes	408.1		\$ 746	\$ -	\$ 746
2	Capital Stock	408.1		-		-
3	PA & Local Use taxes	408.1		703	-	703
4	Social Security	408.1	D-32	5,859	142	6,001
5	FUTA	408.1	D-32	61	2	63
6	SUTA	408.1	D-32	492	12	504
7	PUC Assessment	408.1		3,012	-	3,012
8	Total			<u>\$ 10,872</u>	<u>\$ 156</u>	<u>\$ 11,028</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-32
Witness: S. F. Anzaldo
Page 1 of 1

Adjustment - Payroll Taxes

Line #	Description	[1] Account Number	[2] Test Year 9/30/20 Present Rates	[3] Pro Forma Adjustments	[4] Increase in Payroll Taxes
1	Total Payroll Charged to Expense		<u>\$ 79,118</u>	<u>\$ 1,919</u>	
2	FICA Expense		<u>5,859</u>		
3	FICA Expense - Percent	L 2 / L 1	<u>7.41%</u>	<u>7.41%</u>	
4	Pro Forma FICA Expense on Pro Forma S&W	[4] L 1 * L 3			\$ 142
5	FUTA Expense		<u>61</u>		
6	FUTA Expense - Percent	L 5 / L 1	<u>0.08%</u>	<u>0.08%</u>	
7	Pro Forma FUTA Expense on Pro Forma S&W	[4] L 1 * L 6			2
8	SUTA Expense		<u>492</u>		
9	SUTA Expense - Percent	L 8 / L 1	<u>0.62%</u>	<u>0.62%</u>	
10	Pro Forma SUTA Expense on Pro Forma S&W	[4] L 1 * L 9			12
11	Pro Forma Adjustment	Sum L 4 to L 10			<u>\$ 156</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-33
Witness: N. McKinney
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Line #	Description	[1] Factor Or Reference	[2] Element Or Amount	[3] Pro Forma Test Year At Present Rates	[4] Revenue Increase	[5] Pro Forma Test Year At Proposed Rates [3] + [4]
1	Revenue			\$ 800,710	\$ 71,090	\$ 871,800
2	Operating Expenses			(630,335)	(958)	(631,293)
3	OIBIT	L 1 + L 2		<u>170,375</u>	<u>70,132</u>	<u>240,507</u>
Interest Expense						
4	Rate Base	Sch A-1	2,363,572			
5	Weighted Cost of Debt	Sch B-7	<u>0.02140</u>			
6	Synchronized Interest Expense	L 4 * L 5		(50,580)	-	(50,580)
7	Base Taxable Income	L 3 + L 6		<u>119,795</u>	<u>70,132</u>	<u>189,927</u>
8	Total Tax Depreciation	Pg 2	\$ 231,363			
9	Pro Forma Book Depreciation	Pg 2	<u>107,161</u>			
10	State Tax Depreciation (Over) Under Book	L 9 - L 8		(124,202)		(124,202)
11	Other				-	-
12	State Taxable Income	Sum L 7 to L 11		<u>\$ (4,407)</u>	<u>\$ 70,132</u>	<u>\$ 65,725</u>
13	State Income Tax (Expense)/Refund	L 12 * Rate [2]	9.99%	\$ 440	\$ (7,006)	\$ (6,566)
14	Total Tax Depreciation	Pg 2	\$ 176,314			
15	Pro Forma Book Depreciation	Pg 2	<u>107,161</u>			
16	Federal Tax Deducts (Over) Under Book	L 14 - L 13		(69,153)	-	(69,153)
17	Other				-	-
18	Federal Taxable Income	L 7 + sum L 13 to L 17		<u>51,083</u>	<u>63,126</u>	<u>114,208</u>
19	Federal Income Tax (Expense)/Refund	-L 18 * Rate [2]	21.00%	(10,727)	(13,256)	(23,984)
20	Total Tax Expense before Deferred Income Tax	L 13 + L 19		<u>(10,287)</u>	<u>(20,262)</u>	<u>(30,550)</u>
Deferred Federal Income Taxes						
21	Total Straight Line Tax Depreciation	Pg 2	\$ 100,205			
22	Total Tax Depreciation	Pg 2	<u>170,201</u>			
23	Federal Tax Deducts (Over) Under Book	L 22 - L 21		69,996	-	69,996
24	Deferred Federal Taxable Income	L 23		<u>\$ 69,996</u>	<u>\$ -</u>	<u>\$ 69,996</u>
25	Federal Income Tax (Expense)/Refund	-L 24 * Rate [2]	Blended Rate ¹	(12,238)	-	(12,238)
Deferred State Income Taxes						
26	Repairs			(2,007)		(2,007)
27	CIAC			<u>382</u>		<u>382</u>
28	State Deferred Income Tax (Expense)/Refund			(1,625)	-	(1,625)
29	Net Income Tax Expense	L20 + L 25 + L28		(24,150)	(20,262)	(44,413)
Other Tax Adjustments						
30	ITC			318		318
31	Combined Income Tax Expense	L 29 + L 30		<u>\$ (23,832)</u>	<u>\$ (20,262)</u>	<u>\$ (44,095)</u>
32	Federal Income Tax Expense	L 19 + L 25 + L 30				\$ (35,904)
33	State Income Tax Expense	L 13 + L 28				(8,191)
34	Total Income Tax Expense	L 32 + L 33				<u>\$ (44,095)</u>

¹ Due to the 2018 Tax Cuts and Jobs Act, excess deferred income tax is now being flowed back to customers which results in a deferred tax rate other than 21%.

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule D-34
Witness: N. McKinney
Page 1 of 1

Tax Depreciation

Line #	Description	[1] Amount	[2] Amount	[3] Total
<u>Accelerated Tax Depreciation</u>				
1	Gas Plant		\$ 128,022	
2	Cost of Removal		6,113	
3	Repairs Tax Deduction		53,151	
4	Other Tax Basis Adjustments		<u>(10,972)</u>	
5	Total Federal Accelerated Tax Depreciation			<u>\$ 176,314</u>
6	Adjustment for PA Tax Depreciation - Bonus Decoupling		<u>55,049</u>	
7	Total State Accelerated Tax Depreciation			<u><u>\$231,363</u></u>
<u>Straight Line Tax Depreciation</u>				
8	Gas Plant		<u>\$ 100,205</u>	
9	Total Tax Depreciation			<u><u>\$ 100,205</u></u>
<u>Book Depreciation</u>				
10	Pro Forma Book Depreciation		\$ 100,205	
11	Net Salvage Amortization		8,878	
12	Depreciation Charged to Clearing Accounts	(6,361)		
13	Estimated Percent of Clearing Charged to CWIP	<u>30%</u>		
14	Depreciation Charged to CWIP		(1,922)	
15	Book Depreciation for Tax Calculation			<u><u>\$ 107,161</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-35
Witness: S. F. Anzaldo
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Gross Revenue Conversion Factor

Line #	Description	[1] Reference Or Factor	[2] Tax Rate	[3] Factor
<u>GROSS REVENUE CONVERSION FACTOR</u>				
1	GROSS REVENUE FACTOR			1.000000
2	UNCOLLECTIBLE EXPENSES			<u>(0.013480)</u>
3	NET REVENUES	Sum L 1 to L 2		0.986520
4	STATE INCOME TAXES	[3] L 3 * Rate [2]	9.9900%	<u>(0.098553)</u>
5	FACTOR AFTER STATE TAXES	L 3 + L 4		0.887967
6	FEDERAL INCOME TAXES	[3] L 5 * Rate [2]	21.00%	<u>(0.186473)</u>
7	NET OPERATING INCOME FACTOR	L 5 + L 6		<u>0.701494</u>
8	GROSS REVENUE CONVERSION FACTOR	1 / L 7		<u>1.425529</u>
9	Combined Income Tax Factor On Gross Revenues	-L 4 - L 6		<u>28.503%</u>

INCOME TAX FACTOR

10	GROSS REVENUE FACTOR			1.000000
11	STATE INCOME TAXES	[3] L 10 * Rate [2]	9.9900%	<u>(0.099900)</u>
12	FACTOR AFTER STATE TAXES	L 10 + L 11		0.900100
13	FEDERAL INCOME TAXES	[3] L 12 * Rate [2]	21.00%	<u>(0.189021)</u>
14	NET OPERATING INCOME FACTOR	L 12 + L 13		0.711079
15	GROSS REVENUE CONVERSION FACTOR	1 / L 14		<u>1.406314</u>
16	Combined Income Tax Factor On Taxable Income	-L 11 - L 13		<u>28.892%</u>

UGI GAS EXHIBIT A – FUTURE

Future Period - 12 Months Ended September 30, 2019
 (\$ in Thousands)
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B-5	<u>Detail of Taxes</u>	S. F. Anzaldo
B-6	<u>Composite Cost of Debt</u>	P. R. Moul
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<u>SECTION C</u>		
C-1	<u>Measure of Value</u>	M. Mattern
C-2	<u>Pro Forma Gas Plant in Service</u>	M. Mattern
	<u>Pro Forma Plant Adjustment Summary</u>	M. Mattern
	<u>Pro Forma Year End Plant Balances</u>	M. Mattern
	<u>Additions to Plant</u>	M. Mattern
	<u>Retirements</u>	M. Mattern
C-3	<u>Accumulated Provision for Depreciation</u>	M. Mattern
	<u>Summary of Accumulated Depreciation</u>	M. Mattern
	<u>Accumulated Depreciation by FERC Account</u>	M. Mattern
	<u>Cost of Removal</u>	M. Mattern
	<u>Negative Net Salvage Amortization</u>	M. Mattern
	<u>Salvage</u>	M. Mattern
C-4	<u>Working Capital</u>	M. Mattern
	<u>Summary of Working Capital</u>	M. Mattern
	<u>Revenue Lag</u>	M. Mattern
	<u>Summary of Expense Lag Calculations</u>	M. Mattern
	<u>General Disbursements Payment Lag Summary</u>	M. Mattern
	<u>Commodity Purchases Payment Lag Summary</u>	M. Mattern
	<u>Interest Payments</u>	M. Mattern
	<u>Tax Payment Lag Calculations</u>	M. Mattern
	<u>Prepaid Expenses</u>	M. Mattern
C-5	<u>Gas Inventory</u>	M. Mattern
C-6	<u>Accumulated Deferred Income Taxes</u>	N. M. McKinney
C-7	<u>Customer Deposits</u>	M. Mattern
C-8	<u>Materials & Supplies</u>	M. Mattern
C-9	<u>SCHEDULE NOT USED</u>	N/A

Future Period - 12 Months Ended September 30, 2019

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	<u>Description</u>	<u>Witness:</u>
	<u>SECTION D</u>	
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D-1	<u>Summary of Revenue and Expenses</u> Pro Forma with Proposed Revenue Increase	S. F. Anzaldo
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D-5A	<u>Adjustment - Test Year Revenue Changes</u>	D. E. Lahoff
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D-6	<u>Adjustment - Gas Costs</u>	D. E. Lahoff
D-7	<u>Adjustment - Salaries & Wages</u>	S. F. Anzaldo
D-8	<u>SCHEDULE NOT USED</u>	N/A
D-9	<u>Adjustment - Enhanced Safety Initiatives</u>	H. G. Bell
D-10	<u>SCHEDULE NOT USED</u>	N/A
D-11	<u>Adjustment - Uncollectibles</u>	M. Mattern
D-12	<u>SCHEDULE NOT USED</u>	N/A
D-13	<u>SCHEDULE NOT USED</u>	N/A
D-14	<u>SCHEDULE NOT USED</u>	N/A
D-15	<u>SCHEDULE NOT USED</u>	N/A
D-16	<u>Adjustment - Universal Service</u>	D. E. Lahoff
D-17	<u>SCHEDULE NOT USED</u>	N/A
D-18	<u>SCHEDULE NOT USED</u>	N/A
D-19	<u>SCHEDULE NOT USED</u>	N/A
D-21	<u>Adjustment - Depreciation expense</u>	J.F. Weidmayer
D-31	<u>Adjustment - Taxes Other Than Income Taxes</u>	S. F. Anzaldo
D-32	<u>Adjustment - Payroll Taxes</u>	S. F. Anzaldo
D-33	<u>Income Tax Calculation</u>	N. McKinney
D-34	<u>Tax Depreciation</u>	N. McKinney
D-35	<u>Gross Revenue Conversion Factor</u>	S. F. Anzaldo

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Future Period - 12 Months Ended September 30, 2019
(\$ in Thousands)

Schedule A-1
Witness: S. F. Anzaldo
Page 1 of 1

Summary of Measure of Value and Revenue Increase

Line #	Description	[1] Function	[2] Reference Section	[3] Pro Forma Test Year Ended September 30, 2019 At Present Rates	[4] Increase	[5] Proposed Rates
<u>RATE BASE</u>						
1	Utility Plant		C-2	\$ 3,618,081		\$ 3,618,081
2	Accumulated Depreciation		C-3	(998,248)		(998,248)
3	Net Plant in service	L 1 + L 2		2,619,833	-	2,619,833
4	Working Capital		C-4	38,774		38,774
5	Gas Inventory		C-5	25,736		25,736
6	Accumulated Deferred Income Taxes		C-6	(569,641)		(569,641)
7	Customer Deposits		C-7	(18,920)		(18,920)
8	Materials & Supplies		C-8	13,666		13,666
9	TOTAL RATE BASE	Sum L 3 to L 8		<u>\$ 2,109,448</u>	<u>\$ -</u>	<u>\$ 2,109,448</u>
<u>OPERATING REVENUES AND EXPENSES</u>						
<u>Operating Revenues</u>						
10	Base Customer Charges		D-5	\$ 522,256	\$ 33,342	\$ 555,598
11	Gas Cost Revenue		D-5	262,483		262,483
12	Other Operating Revenues		D-5	5,880		5,880
13	Total Revenues	Sum L 10 to L 12		<u>790,619</u>	<u>33,342</u>	<u>823,961</u>
14	Operating Expenses		D	<u>(604,644)</u>	<u>(449)</u>	<u>(605,093)</u>
15	OIBIT	L 13 + L 14		185,975	32,893	218,868
16	Pro Forma Income Tax at Present Rates		D-33	(33,015)		(42,518)
17	Pro Forma Income Tax on Revenue Increase		D-33		<u>(9,503)</u>	<u>(42,518)</u>
18	NET OPERATING INCOME	Sum L 15 to L 17		<u>\$ 152,961</u>	<u>\$ 23,390</u>	<u>\$ 176,350</u>
19	RATE OF RETURN	L 18 / L 9		<u>7.2512%</u>		<u>8.3600%</u>
<u>REVENUE INCREASE REQUIRED</u>						
20	Rate of Return at Present Rates	L 19, Col 3		7.2512%		
21	Rate of Return Required		B-7	<u>8.3600%</u>		
22	Change in ROR	L 21 - L 20		<u>1.1088%</u>		
23	Change in Operating Income	L 22 * L 9		\$ 23,389		
24	Gross Revenue Conversion Factor		D-35	<u>1.425529</u>		
25	Change in Revenues	L 23 * L 24		<u>\$ 33,342</u>		
26	Percent Increase -- Delivery Revenues	L 25 / L 10, C 4			<u>6.38%</u>	
27	Percent Increase -- Total Revenues	L 25 / L 13, C 4			<u>4.22%</u>	

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Future Period - 12 Months Ended September 30, 2019
(\$ in Thousands)

Schedule B-1
Witness: M. Mattern
Page 1 of 2

Balance Sheet

[1]

Line No	Description/(Account No)	Budget TYE 9-30-19
	UTILITY PLANT (101 - 106, 108)	
1	Gas Utility Plant	\$ 3,618,081
2	Other Utility Plant	-
3	Total Plant In Service	<u>3,618,081</u>
4	Construction Work In Progress (107)	-
5	Total Utility Plant	<u>3,618,081</u>
6	Accumulated Provision for Depreciation - Gas (108)	(998,248)
7	Utility Acquisition Adjustment (114)	165,115
8	Accumulated Provision for Depreciation - Other (119)	-
9	Net Utility Plant	<u>2,784,948</u>
	OTHER PROPERTY INVESTMENTS	
10	Non-utility Property (121)	-
11	Accumulated Depreciation on NUP (122)	-
12	Investment in Associated & Subsidiary Companies (123.1)	-
13	Other Investments (124)	<u>68</u>
14	Total Other Property and Investments	68
	CURRENT AND ACCRUED ASSETS	
15	Cash & Other Temporary Investments(131-136)	6,310
16	Unbilled Revenues	-
17	Customer Accounts Receivable (142)	56,337
18	Other Accounts Receivable (143)	4,725
19	Accum Provision for Uncollectible (144)	(4,571)
20	Receivables from Associated Companies (145)	-
21	Accounts Receivable Assoc. Comp. (146)	3,868
22	Plant Materials & Operating Supplies (154)	13,666
23	Stores Expense - Undistributed (163)	2,275
24	Gas Stored - Current (164.1)	25,737
25	Liquefied Natural Gas stored (164.2)	-
26	Prepayments (165)	11,582
27	Accrued Utility Revenues (173)	16,506
28	Miscellaneous Current & Accrued Assets (174)	222,640
29	Derivative Instrument Assets (175)	<u>2,071</u>
30	Total Current and Accrued Assets	361,146
	DEFERRED DEBITS	
31	Unamortized Debt Expense (181)	3,589
32	Other Regulatory Assets (182.3)	352,224
33	Other Preliminary Survey & Investigation Charges (183.2)	5,320
34	Clearing Accounts (184)	8
35	Miscellaneous Deferred Debits (186)	9,673
36	Unamortized Loss on Reacquired Debt (189)	-
37	Accumulated Deferred Income Taxes (190)	-
38	O/U Collected Gas (191.4, 191.41)	-
39	Total Deferred Debits	<u>370,814</u>
40	TOTAL ASSETS AND OTHER DEBITS	<u><u>\$ 3,516,976</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Future Period - 12 Months Ended September 30, 2019
(\$ in Thousands)

Schedule B-1
Witness: M. Mattern
Page 2 of 2

Balance Sheet

[1]

Line No	Description/(Account No)	Budget TYE 9-30-19
PROPRIETARY CAPITAL		
41	Common Stock Issued (201)	\$ -
42	Preferred Stock Issued (204)	-
43	Premium on Capital Stock (207)	483,925
44	Capital Stock Expense (214)	-
45	Retained Earnings (215, 215.2, 216)	632,367
46	Accum Other Comprehensive Income (219)	<u>(18,398)</u>
47	Total Proprietary Capital	1,097,894
LONG TERM DEBT		
48	Bonds (221)	-
49	Advances from Associated Companies (223)	-
50	Other Long-Term Debt (224)	979,603
51	Unamortized Premium on LTD (225)	-
52	Unamortized Discount on LTD (226)	-
53	Total Long-term Debt	<u>979,603</u>
OTHER NON-CURRENT LIABILITIES		
54	Obligations under Capital Leases (227)	3,687
55	Accum. Prov for Injuries & Damages (228.2)	2,337
56	Accum. Prov for Pensions & Benefits (228.3)	105,570
57	Accum. Miscellaneous Operating Prov (228.4)	45,928
58	Asset Retirement Obligation (230)	<u>100</u>
59	Total Non-Current Liabilities	157,622
CURRENT & ACCRUED LIABILITIES		
60	Notes Payable (231)	201,557
61	Accounts Payable (232)	54,307
62	Notes Payable to Assoc. Companies (233)	-
63	Accounts Payable to Assoc. Cos (234)	14,720
64	Customer Deposits (235)	18,920
65	Taxes Accrued (236)	1,421
66	Interest Accrued (237)	20,224
67	Tax Collections Payable (241)	-
68	Accrued Interest on Other Liabilities (237)	41,232
69	Tax Collections Payable (241)	-
70	Misc Current & Accrued Liabilities (242)	-
71	Total Current & Accrued Liabilities	<u>352,381</u>
OTHER DEFERRED CREDITS		
72	Customer Advances for Construction (252)	-
73	Other Deferred Credits (253)	8,720
74	Other Regulatory Liabilities (254)	349,018
75	Deferred ITC (255)	2,097
76	Accumulated Deferred Income Taxes (282)	569,641
77	Accumulated Deferred Income Taxes (283)	-
78	Total Other Deferred Credits	<u>929,476</u>
79	TOTAL LIABILITIES & OTHER CREDITS	<u><u>\$ 3,516,976</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule B-2
Witness: S. F. Anzaldo
Page 1 of 1

Statement of Net Utility Operating Income

Line No	Description	[1] Budget TYE 9-30-19	[2] Reference
	Total Operating Revenues		
1	Total Sales Revenues	\$ 851,979	B-3
2	Other Operating Revenues	5,880	B-3
3	Total Revenues	857,859	
	Total Operating Expenses		
4	Operation & Maintenance Expenses	552,175	B-4 & D-2
5	Depreciation & Amortization Expense	80,698	D-21
6	Taxes Other Than Income Taxes	10,439	B-5
7	Total Operating Expenses	643,312	
8	Operating Income Before Income Taxes (OIBIT)	214,547	
	Income Taxes:		
9	State	6,950	B-5
10	Federal	26,383	B-5
11	Total Income Taxes	33,333	
12	Net Utility Operating Income	\$ 181,214	

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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Schedule B-3
Witness: S. F. Anzaldo
Page 1 of 1

Statement of Operating Revenues

[1]

<u>Line No</u>	<u>Description</u>	<u>Budget TYE 9-30-19</u>
Gas Operating Revenues		
1	Residential (R/RT) (480)	\$ 520,370
2	Comm & Ind (N/NT) (481)	204,628
3	Comm & Ind (DS) (489)	33,296
4	Lg Transport/Other (489)	69,749
5	Interruptible (489)	<u>23,936</u>
6	Sub-Total Gas Operating Revenues	851,979
Other Operating Revenues		
7	Forfeited Discounts (487)	4,909
8	Miscellaneous Service Revenues (488)	624
9	Rent from Gas Properties (493)	306
10	Other Revenues (495)	<u>41</u>
11	Sub-Total Other Operating Revenues	<u>5,880</u>
12	Total Operating Revenues	<u><u>\$ 857,859</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Future Period - 12 Months Ended September 30, 2019
(\$ in Thousands)

Schedule B-4
Witness: S. F. Anzaldo
Page 1 of 3

Operation and Maintenance Expenses

Line No	Description	Account No	[1] Budget TYE 9-30-19
Gas Raw Materials			
1	Liquefied Petroleum Gas Expenses	717	\$ -
2	Miscellaneous Production Expenses	735	3,960
3	Total Gas Raw Materials Expenses		<u>3,960</u>
Production and Gathering - Operations			
4	Operating Supervision and Engineering	750	-
5	Production Maps and Records	751	-
6	Gas Wells Expenses	752	-
7	Field Lines Expenses	753	-
8	Gas Well Royalties	758	-
9	Other Expenses	759	-
10	Total Production & Gathering Operation Expenses		<u>-</u>
Production and Gathering - Maintenance			
11	Maintenance of Producing Gas Wells	763	-
12	Maintenance of Field Lines	764	-
13	Maintenance of Field Measuring and Reg. Station Equip.	766	-
14	Gas Supply Operation Expenses		<u>-</u>
Other Gas Supply Expense - Operations			
15	Natural Gas City Gate Purchases	804.0	317,459
16	Other Gas Purchases	805.0	796
17	Purchases Gas Cost Adjustments	805.1	(34,823)
18	Gas Withdrawn from Storage-Debit	808.1	40,964
19	Purchased Gas Expenses	807.0	-
20	Gas Used for Other Utility Operations-Credit	812.0	(919)
21	Gas Delivered to Storage-Credit	808.2	(27,247)
22	Other Gas Supply Expenses	813.0	17,653
23	Gas Supply Operation Expenses		<u>313,882</u>
Underground Storage Expense - Operation			
24	Operation Supervision and Engineering	814	-
25	Maps and Records	815	-
26	Wells Expenses	816	-
27	Lines Expenses	817	-
28	Measuring and Regulating Station Expenses	820	-
29	Purification Expenses	821	-
30	Gas Losses	823	-
31	Other Expenses	824	-
32	Total Underground Storage Expenses		<u>-</u>
Underground Storage Expense - Maintenance			
33	Maintenance Supervision and Engineering	830	-
34	Maintenance of Structures and Improvements	831	-
35	Maintenance of Reservoirs and Wells	832	-
36	Maintenance of Lines	833	-
37	Maintenance of Measuring & Regulating Station Equip.	835	-
38	Total Underground Maintenance Expenses		<u>-</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Future Period - 12 Months Ended September 30, 2019
(\$ in Thousands)

Schedule B-4
Witness: S. F. Anzaldo
Page 2 of 3

Operation and Maintenance Expenses

Line No	Description	Account No	[1] Budget TYE 9-30-19
Transmission Expense - Operations			
39	Operating Supervision and Engineering	850	-
40	System Control and Load Dispatching	851	-
41	Communication System Expenses	852	-
42	Mains Expenses	856	-
43	Measuring and Regulating Station Expenses	857	-
44	Other Expenses	859	-
45	Total Transmission Operation Expenses		-
Transmission Expense - Maintenance			
46	Maintenance Supervision and Engineering	861	-
47	Maintenance of Structures and Improvements	862	-
48	Maintenance of Mains	863	-
49	Maintenance of Measuring and Regulating Station Equip.	865	-
50	Maintenance of Communication Equipment	866	-
51	Total Transmission Maintenance Expenses		-
Distribution Expense - Operations			
52	Operation Supervision and Engineering	870	7,530
53	Distribution Load Dispatching	871	1,831
54	Compressor Station Fuel and Power (Major Only)	873	-
55	Mains and Services Expenses	874	20,969
56	Measuring and Regulating Station Expenses-General	875	1,955
57	Measuring and Regulating Station Expenses-Industrial	876	566
58	Measuring and Regulating Station Expenses-City Gate	877	1,240
59	Meter and House Regulator Expenses	878	4,470
60	Customer Installations Expenses	879	1,901
61	Other Expenses	880	5,514
62	Rents	881	240
63	Total Distribution Operation Expenses		46,216
Distribution Expense - Maintenance			
64	Maintenance Supervision and Engineering	885	2,159
65	Maintenance of Structures and Improvements	886	26
66	Maintenance of Mains	887	16,712
67	Maintenance of Compressor Station Equipment	888	-
68	Maintenance of Measuring & Reg. Station Equip.-Genl.	889	1,308
69	Maintenance of Measuring & Reg. Station Equip.-Indtrl.	890	544
70	Maintenance of Measuring & Reg. Station Equip.-City G	891	1,067
71	Maintenance of Services	892	4,850
72	Maintenance of Meters & House Regulators	893	1,538
73	Maintenance of Other Equipment	894	776
74	Construction & Maintenance	895	-
75	Total Distribution Maintenance Expenses		28,980
Customer Accounts Expense - Operations			
76	Supervision	901	778
77	Meter Reading Expenses	902	2,510
78	Customer Records & Collection Expenses	903	28,880
79	Uncollectable Accounts	904	11,670
80	Miscellaneous Customer Accounts Expenses	905	1,949
81	Total Administrative & General		45,786

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Future Period - 12 Months Ended September 30, 2019
(\$ in Thousands)

Schedule B-4
Witness: S. F. Anzaldo
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Operation and Maintenance Expenses

Line No	Description	Account No	[1] Budget TYE 9-30-19
Customer Service & Information Expense			
82	Supervision	907	190
83	Customer Assistance Expenses	908	1,573
84	Informational & Instructional Advertising Expenses	909	1,252
85	Miscellaneous Customer Service & Informational Exp.	910	6,544
86	Total Cust. Service & Inform. Operations Exp		<u>9,558</u>
87	Description		
Sales Expense			
88	Supervision	911	52
89	Demonstrating and Selling Expenses	912	1,776
90	Advertising Expenses	913	413
91	Miscellaneous Sales Expenses	916	192
92	Total Operation Sales Expenses		<u>2,432</u>
Administrative & General - Operations			
93	Administrative and General Salaries	920.0	18,731
94	Office Supplies and Expenses	921.0	24,017
95	Outside Service Employed	923.0	19,868
96	Property Insurance	924.0	180
97	Injuries and Damages	925.0	7,158
98	Employee Pensions and Benefits	926.0	21,165
99	Regulatory Commission Expenses	928.0	-
100	General Advertising Expenses	930.1	660
101	Miscellaneous General Expenses	930.2	4,116
102	Rents	931.0	684
103	Total A & G Operation Expenses		<u>96,579</u>
Administrative & General - Maintenance			
104	Maintenance of General Plant	932	4,765
105	Maintenance of General Plant	935	16
106	Total A & G Maintenance Expenses		<u>4,781</u>
107	TOTAL OPERATION & MAINTENANCE EXPENSE		<u>\$ 552,175</u>
108	Total Gas Operation Expenses		518,414
109	Total Gas Maintenance Expense		33,761
110	TOTAL OPERATION & MAINTENANCE EXPENSE		<u>\$ 552,175</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule B-5
Witness: S. F. Anzaldo
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Detail of Taxes

[1]

Line No	Description	Reference	Budget TYE 9-30-19
Taxes Other Than Income Taxes			
Non-revenue related:			
1	Pennsylvania - PURTA	D-31	\$ 746
2	Capital Stock	D-31	-
3	PA and Local Use taxes	D-31	703
4	Miscellaneous Taxes	D-31	3,012
5	Subtotal		<u>4,461</u>
Payroll Taxes			
6	FICA	D-31	5,501
7	SUTA	D-31	427
8	FUTA	D-31	50
9	Other		-
10	Subtotal		<u>5,978</u>
11	Total Taxes Other Than Income Taxes		<u>\$ 10,439</u>
Income Taxes			
12	State		\$ 6,950
13	Federal		26,383
14	Total Income Taxes		<u>\$ 33,333</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule **B-6**
Witness: **P. R. Moul**
Page 1 of 1

Composite Cost of Debt

Line No	Description	[1] Amount Outstanding	[2] Percent to Total	[3] Effective Interest Rate	[4] Average Weighted Cost Rate [2] * [3]
Medium Term Notes					
1	6.500% Due 8/15/2033	\$ 20,000	2.04%	6.56%	0.13%
2	6.133% Due 10/15/2034	20,000	2.04%	6.19%	0.13%
Senior Unsecured Notes					
3	6.206% Due 9/30/2036	100,000	10.21%	6.32%	0.65%
4	4.980% Due 3/26/2044	175,000	17.86%	5.00%	0.89%
5	2.950% Due 6/30/2026	100,000	10.21%	3.92%	0.40%
6	4.120% Due 9/30/2046	200,000	20.42%	5.01%	1.02%
7	4.120% Due 10/31/2046	100,000	10.21%	4.28%	0.44%
8	2.998% Due 10/31/2022	114,603	11.70%	3.11%	0.36%
9	4.550% Due 2/01/2049	150,000	15.31%	4.58%	0.70%
10	Total Long-Term Debt	\$ 979,603	<u>100.00%</u>		<u>4.72%</u>
11	Total Long-Term Debt	\$ 979,603	100.00%	4.72%	4.72%
12	Total Short-Term Debt		0.00%		
13	TOTAL	<u>\$ 979,603</u>	<u>100.00%</u>		
14	Weighted Cost of Debt				<u>4.72%</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule B-7
Witness: P. R. Moul
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Rate of Return

<u>Line No</u>	<u>Description</u>	[1] <u>Capitalization Ratio</u>	[2] <u>Embedded Cost</u>	[3] <u>Statement Reference</u>	[4] <u>Return-%</u>
1	Long-Term Debt	44.29%	4.72%	B-6	2.09%
2	Short-Term Debt	0.00%	0.00%	B-6	0.00%
3	Common Equity	<u>55.71%</u>	11.25%		<u>6.27%</u>
4	Total	<u><u>100.00%</u></u>			<u><u>8.36%</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule C-1
Witness: M. Mattern
Page 1 of 1

Measure of Value

Line #	Description	[1]	[2]	[3]	[4]	[5]
		Reference Schedule	# of Pages	Pro Forma Test Year Ended September 30, 2019 At		
				Present Rates	Adjustments	Proposed Rates
MEASURE OF VALUE						
1	Utility Plant	C-2	9	\$ 3,618,081		\$ 3,618,081
2	Accumulated Depreciation	C-3	11	(998,248)		(998,248)
3	Net Plant in service			2,619,833	-	2,619,833
4	Working Capital	C-4	9	38,774		38,774
5	Gas Inventory	C-5	1	25,736		25,736
6	Accumulated Deferred Income Taxes	C-6	1	(569,641)		(569,641)
7	Customer Deposits	C-7	1	(18,920)		(18,920)
8	Materials & Supplies	C-8	1	13,666		13,666
9	TOTAL MEASURE OF VALUE			<u>\$ 2,109,448</u>	<u>\$ -</u>	<u>\$ 2,109,448</u>

Pro Forma Gas Plant in Service

Line No	Description	[1] Account No	[2] Pro Forma FTY 9-30-19
INTANGIBLE PLANT			
1	Organization	301	\$ 294
2	Franchise & Consent	302	193
3	Miscellaneous Intangible Plant	303	290
4	TOTAL INTANGIBLE		<u>777</u>
NATURAL GAS PRODUCTION & GATHERING			
5	Producing Lands	325	13
6	Producing Leaseholds	325	163
7	Rights of Way	325	30
8	Other Land Rights	326	1
9	Field Measuring & Regulating Station Structures	328	1
10	Other Structures	329	45
11	Producing Gas Wells-Well Construction	330	18
12	Producing Gas Wells-Well Equipment	331	24
13	Field Lines	332	751
14	Field Measuring & Reg. Station Equipment	334	90
15	Drilling & Cleaning Equipment	335	50
16	Other Equipment	337	11
17	TOTAL PRODUCTION & GATHERING		<u>1,197</u>
NATURAL GAS STORAGE & PROCESSING PLANT			
18	Land & Land Rights	304	382
19	Production Plant-Manufactured Gas Plants	305	-
20	Land	350	-
21	Rights of Way	350	-
22	Structures & Improvements	351	-
23	Wells	352	-
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		<u>382</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Future Period - 12 Months Ended September 30, 2019
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Pro Forma Gas Plant in Service

Line No	Description	[1] Account No	[2] Pro Forma FTY 9-30-19
TRANSMISSION PLANT			
30	Land & Land Rights	365.1	\$ 47
31	Rights of Way	365.2	868
32	Structures & Improvements	366	151
33	Mains	367	38,518
34	Measuring & Regulating Station Equipment	369	6,148
35	Communication Equipment	370	3,486
36	Other Equipment	371	351
37	TOTAL TRANSMISSION		<u>49,569</u>
DISTRIBUTION PLANT			
38	Land & Land Rights	374	10,437
39	Structures & Improvements	375	5,299
40	Mains	376	1,700,819
41	Measuring & Regulating Station Equipment	378	105,344
42	Measuring & Regulating Station Equipment	379	20,457
43	Services	380	1,074,582
44	Meters	381	139,844
45	Meter Installations	382	87,821
46	House Regulators	383	11,148
47	House Regulatory Installations	384	17,548
48	Industrial Measuring & Reg. Station Equipment	385	33,099
49	Other Property	386	1,315
50	Other Equipment	387	5,558
51	TOTAL DISTRIBUTION		<u>3,213,271</u>
GENERAL PLANT			
52	Land & Land Rights	389	9,675
53	Structures & Improvements	390	102,371
54	Office Furniture & Equipment	391	180,122
55	Transportation Equipment	392	24,616
56	Stores Equipment	393	21
57	Tools & Garage Equipment	394	25,943
58	Laboratory Equipment	395	430
59	Power Operated Equipment	396	2,236
60	Communication Equipment	397	924
61	Miscellaneous Equipment	398	6,547
62	Other Tangible Property	399	-
63	TOTAL GENERAL		<u>352,885</u>
64	Total Plant		<u>\$ 3,618,081</u>

Pro Forma Plant Adjustment Summary

Line #	Description	[1] Factor Or Reference	[2] Test Year 9/30/19 Budget	[3] Adjustments	[4] Pro Forma Test Year [2] + [3]
1	Intangible Plant	Sch C-2, Pg 4	\$ 777	\$ -	\$ 777
2	Natural Gas Production & Gathering	Sch C-2, Pg 4	1,197	-	1,197
3	Natural Gas Storage & Processing Plant	Sch C-2, Pg 4	382	-	382
4	Transmission Plant	Sch C-2, Page 5	49,569	-	49,569
5	Distribution Plant	Sch C-2, Page 5	3,213,271	-	3,213,271
6	General Plant	Sch C-2, Page 5	352,885	-	352,885
7	Other Plant		-	-	-
8	Total Utility Plant		<u>\$ 3,618,081</u>	<u>\$ -</u>	<u>\$ 3,618,081</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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Schedule C-2
Witness: M. Mattern
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Pro Forma Year End Plant Balances

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2018	[3] 2019	[4] Pro Forma Adjustment	[5] Balance
INTANGIBLE PLANT						
1	Organization	301	\$ 294	\$ 294		\$ 294
2	Franchise & Consent	302	193	193		193
3	Miscellaneous Intangible Plant	303	290	290		290
4	TOTAL INTANGIBLE		<u>777</u>	<u>777</u>	<u>-</u>	<u>777</u>
NATURAL GAS PRODUCTION & GATHERING						
5	Producing Lands	325.1	13	13	-	13
6	Producing Leaseholds	325.2	163	163	-	163
7	Rights of Way	325.4	30	30	-	30
8	Other Land Rights	325.5	1	1	-	1
9	Field Measuring & Regulating Station Structures	328	1	1	-	1
10	Other Structures	329	45	45	-	45
11	Producing Gas Wells-Well Construction	330	18	18	-	18
12	Producing Gas Wells-Well Equipment	331	24	24	-	24
13	Field Lines	332	751	751	-	751
14	Field Measuring & Reg. Station Equipment	334	90	90	-	90
15	Drilling & Cleaning Equipment	335	50	50	-	50
16	Other Equipment	337	11	11	-	11
17	TOTAL PRODUCTION & GATHERING		<u>1,197</u>	<u>1,197</u>	<u>-</u>	<u>1,197</u>
NATURAL GAS STORAGE & PROCESSING PLANT						
18	Land & Land Rights	304	382	382	-	382
19	Production Plant-Manufactured Gas Plants	305	-	-	-	-
20	Land	350.1	-	-	-	-
21	Rights of Way	350.2	-	-	-	-
22	Structures & Improvements	351	-	-	-	-
23	Wells	352	-	-	-	-
24	Lines	353	-	-	-	-
25	Compressor Station Equipment	354	-	-	-	-
26	Measuring & Regulating Equipment	355	-	-	-	-
27	Purification Equipment	356	-	-	-	-
28	Other Equipment	357	-	-	-	-
29	TOTAL STORAGE & PROCESSING		<u>382</u>	<u>382</u>	<u>-</u>	<u>382</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Pro Forma Year End Plant Balances

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2018	[3] 2019	[4] Pro Forma Adjustment	[5] Balance
TRANSMISSION PLANT						
30	Land & Land Rights	365.1	47	47	-	47
31	Rights of Way	365.2	868	868	-	868
32	Structures & Improvements	366	151	151	-	151
33	Mains	367	38,518	38,518	-	38,518
34	Measuring & Regulating Station Equipment	369	6,148	6,148	-	6,148
35	Communication Equipment	370	3,486	3,486	-	3,486
36	Other Equipment	371	351	351	-	351
37	TOTAL TRANSMISSION		49,569	49,569	-	49,569
DISTRIBUTION PLANT						
38	Land & Land Rights	374	10,437	10,437		10,437
39	Structures & Improvements	375	5,299	5,299		5,299
40	Mains	376	1,542,957	1,700,819		1,700,819
41	Measuring & Regulating Station Equipment	378	83,317	105,344		105,344
42	Measuring & Regulating Station Equipment	379	20,457	20,457		20,457
43	Services	380	1,013,003	1,074,582		1,074,582
44	Meters	381	134,751	139,844		139,844
45	Meter Installations	382	84,083	87,821		87,821
46	House Regulators	383	9,894	11,148		11,148
47	House Regulatory Installations	384	17,417	17,548		17,548
48	Industrial Measuring & Reg. Station Equipment	385	33,099	33,099		33,099
49	Other Property	386	1,315	1,315		1,315
50	Other Equipment	387	5,558	5,558		5,558
51	TOTAL DISTRIBUTION		2,961,587	3,213,271	-	3,213,271
GENERAL PLANT						
52	Land & Land Rights	389	9,675	9,675		9,675
53	Structures & Improvements	390	65,191	102,371		102,371
54	Office Furniture & Equipment	391	125,743	180,122		180,122
55	Transportation Equipment	392	25,940	24,616		24,616
56	Stores Equipment	393	22	21		21
57	Tools & Garage Equipment	394	25,130	25,943		25,943
58	Laboratory Equipment	395	430	430		430
59	Power Operated Equipment	396	1,369	2,236		2,236
60	Communication Equipment	397	2,177	924		924
61	Miscellaneous Equipment	398	2,221	6,547		6,547
62	Other Tangible Property	399	16	-		-
63	TOTAL GENERAL		257,914	352,885	-	352,885
64	Total Plant		\$ 3,271,426	\$ 3,618,081	\$ -	\$ 3,618,081

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Additions to Plant

Line #	Description	[1] Account Number	[2] Year ended September 30, 2018	[3] 2019
Plant Additions				
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		-	-
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	-	-
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	-	-
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		-	-
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	-	-
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	55	-
23	Wells	352	-	-
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		55	-

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Additions to Plant

Line #	Description	[1] Account Number	[2] Year ended September 30, 2018	[3] 2019
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	-	-
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		<u>-</u>	<u>-</u>
DISTRIBUTION PLANT				
38	Land & Land Rights	374	252	-
39	Structures & Improvements	375	183	-
40	Mains	376	174,604	162,529
41	Measuring & Regulating Station Equipment	378	18,613	24,287
42	Measuring & Regulating Station Equipment	379	32	-
43	Services	380	75,431	70,599
44	Meters	381	6,139	6,340
45	Meter Installations	382	4,622	3,814
46	House Regulators	383	164	1,438
47	House Regulatory Installations	384	946	150
48	Industrial Measuring & Reg. Station Equipment	385	1,395	-
49	Other Property	386	6	-
50	Other Equipment	387	181	-
51	TOTAL DISTRIBUTION		<u>282,568</u>	<u>269,157</u>
GENERAL PLANT				
52	Land & Land Rights	389	(25)	-
53	Structures & Improvements	390	3,796	38,216
54	Office Furniture & Equipment	391	15,295	73,446
55	Transportation Equipment	392	5,319	8,823
56	Stores Equipment	393	10	-
57	Tools & Garage Equipment	394	1,805	2,178
58	Laboratory Equipment	395	95	-
59	Power Operated Equipment	396	221	1,240
60	Communication Equipment	397	713	-
61	Miscellaneous Equipment	398	28	4,338
62	Other Tangible Property	399	-	-
63	TOTAL GENERAL		<u>27,257</u>	<u>128,241</u>
64	Total Plant		<u>\$ 309,880</u>	<u>\$ 397,398</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Retirements

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2018	[3] 2019
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		-	-
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	-	-
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	-	-
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		-	-
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	-	-
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	-	-
23	Wells	352	-	-
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		-	-

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Retirements

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2018	2019
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	-	-
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		-	-
DISTRIBUTION PLANT				
38	Land & Land Rights	374	-	-
39	Structures & Improvements	375	4	-
40	Mains	376	7,446	4,666
41	Measuring & Regulating Station Equipment	378	2,640	2,260
42	Measuring & Regulating Station Equipment	379	1,602	-
43	Services	380	6,754	9,021
44	Meters	381	751	1,248
45	Meter Installations	382	787	75
46	House Regulators	383	-	184
47	House Regulatory Installations	384	-	19
48	Industrial Measuring & Reg. Station Equipment	385	106	-
49	Other Property	386	-	-
50	Other Equipment	387	-	-
51	TOTAL DISTRIBUTION		20,090	17,473
GENERAL PLANT				
52	Land & Land Rights	389	-	-
53	Structures & Improvements	390	38	1,037
54	Office Furniture & Equipment	391	1,317	19,067
55	Transportation Equipment	392	597	10,147
56	Stores Equipment	393	-	1
57	Tools & Garage Equipment	394	503	1,365
58	Laboratory Equipment	395	4	-
59	Power Operated Equipment	396	2,536	372
60	Communication Equipment	397	328	1,253
61	Miscellaneous Equipment	398	17	12
62	Other Tangible Property	399	-	16
63	TOTAL GENERAL		5,340	33,270
64	Total Plant		\$ 25,430	\$ 50,743

Accumulated Provision for Depreciation

Line No	Description	[1]	[2]
		Account No	Pro Forma FTY 9-30-19
INTANGIBLE PLANT			
1	Organization	301	\$ -
2	Franchise & Consent	302	-
3	Miscellaneous Intangible Plant	303	-
4	TOTAL INTANGIBLE		<u>-</u>
NATURAL GAS PRODUCTION & GATHERING			
5	Producing Lands	325	-
6	Producing Leaseholds	325	162
7	Rights of Way	325	30
8	Other Land Rights	326	-
9	Field Measuring & Regulating Station Structures	328	1
10	Other Structures	329	45
11	Producing Gas Wells-Well Construction	330	97
12	Producing Gas Wells-Well Equipment	331	74
13	Field Lines	332	723
14	Field Measuring & Reg. Station Equipment	334	66
15	Drilling & Cleaning Equipment	335	49
16	Other Equipment	337	11
17	TOTAL PRODUCTION & GATHERING		<u>1,258</u>
NATURAL GAS STORAGE & PROCESSING PLANT			
18	Land & Land Rights	304	-
19	Production Plant-Manufactured Gas Plants	305	(326)
20	Land	350	-
21	Rights of Way	350	-
22	Structures & Improvements	351	-
23	Wells	352	(279)
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		<u>(605)</u>

Accumulated Provision for Depreciation

Line No	Description	[1]	[2]
		Account No	Pro Forma FTY 9-30-19
TRANSMISSION PLANT			
30	Land & Land Rights	365	-
31	Rights of Way	365	500
32	Structures & Improvements	366	138
33	Mains	367	20,500
34	Measuring & Regulating Station Equipment	369	3,672
35	Communication Equipment	370	1,761
36	Other Equipment	371	260
37	TOTAL TRANSMISSION		<u>26,831</u>
DISTRIBUTION PLANT			
38	Land & Land Rights	374	1,240
39	Structures & Improvements	375	2,991
40	Mains	376	404,960
41	Measuring & Regulating Station Equipment	378	18,283
42	Measuring & Regulating Station Equipment	379	6,899
43	Services	380	326,508
44	Meters	381	64,312
45	Meter Installations	382	30,034
46	House Regulators	383	2,327
47	House Regulatory Installations	384	8,080
48	Industrial Measuring & Reg. Station Equipment	385	15,139
49	Other Property	386	790
50	Other Equipment	387	4,066
51	TOTAL DISTRIBUTION		<u>885,629</u>
GENERAL PLANT			
52	Land & Land Rights	389	-
53	Structures & Improvements	390	33,185
54	Office Furniture & Equipment	391	33,647
55	Transportation Equipment	392	7,224
56	Stores Equipment	393	6
57	Tools & Garage Equipment	394	9,015
58	Laboratory Equipment	395	46
59	Power Operated Equipment	396	398
60	Communication Equipment	397	220
61	Miscellaneous Equipment	398	1,394
62	Other Tangible Property	399	
63	TOTAL GENERAL		<u>85,135</u>
64	Total Plant		<u>\$ 998,248</u>

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Summary of Accumulated Depreciation

Line #	Description	[1]	[2]	[3]	[4]
		Factor Or Reference	Test Year Ended September 30, 2019 Amount	Test Year Ended September 30, 2019 Pro Forma Adjustment	Balance
1	Intangible Plant	Sch C-3, Pg 4	\$ -	\$ -	\$ -
2	Natural Gas Production & Gathering	Sch C-3, Pg 4	1,320	(62)	1,258
3	Natural Gas Storage & Processing Plant	Sch C-3, Pg 4	(716)	111	(605)
4	Transmission Plant	Sch C-3, Pg 5	26,898	(67)	26,831
5	Distribution Plant	Sch C-3, Pg 5	901,114	(15,485)	885,629
6	General Plant	Sch C-3, Pg 5	107,641	(22,506)	85,135
7	Other Plant		-	-	-
8	TOTAL ACC DEPR & AMORTIZATION		<u>\$1,036,257</u>	<u>\$ (38,009)</u>	<u>\$ 998,248</u>

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Accumulated Depreciation by FERC Account

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2018	[3] September 30, 2019	[4] Pro Forma Adjustment	[5] Balance
INTANGIBLE PLANT						
1	Organization	301	\$ -	\$ -	\$ -	\$ -
2	Franchise & Consent	302	-	-	-	-
3	Miscellaneous Intangible Plant	303	-	-	-	-
4	TOTAL INTANGIBLE		-	-	-	-
NATURAL GAS PRODUCTION & GATHERING						
5	Producing Lands	325.1	-	-	-	-
6	Producing Leaseholds	325.2	162	162	-	162
7	Rights of Way	325.4	30	30	-	30
8	Other Land Rights	325.5	-	-	-	-
9	Field Measuring & Regulating Station Structures	328	1	1	-	1
10	Other Structures	329	45	45	-	45
11	Producing Gas Wells-Well Construction	330	168	168	(71)	97
12	Producing Gas Wells-Well Equipment	331	74	74	-	74
13	Field Lines	332	722	723	-	723
14	Field Measuring & Reg. Station Equipment	334	54	57	9	66
15	Drilling & Cleaning Equipment	335	49	49	-	49
16	Other Equipment	337	11	11	-	11
17	TOTAL PRODUCTION & GATHERING		1,316	1,320	(62)	1,258
NATURAL GAS STORAGE & PROCESSING PLANT						
18	Land & Land Rights	304	-	-	-	-
19	Production Plant-Manufactured Gas Plants	305	(421)	(421)	95	(326)
20	Land	350.1	-	-	-	-
21	Rights of Way	350.2	-	-	-	-
22	Structures & Improvements	351	-	-	-	-
23	Wells	352	(295)	(295)	16	(279)
24	Lines	353	-	-	-	-
25	Compressor Station Equipment	354	-	-	-	-
26	Measuring & Regulating Equipment	355	-	-	-	-
27	Purification Equipment	356	-	-	-	-
28	Other Equipment	357	-	-	-	-
29	TOTAL STORAGE & PROCESSING		(716)	(716)	111	(605)

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Accumulated Depreciation by FERC Account

Line #	Description	[1] Account Number	[2] Year Ended September 30, 2018	[3] September 30, 2019	[4] Pro Forma Adjustment	[5] Balance
TRANSMISSION PLANT						
30	Land & Land Rights	365.1	-	-	-	-
31	Rights of Way	365.2	488	500	-	500
32	Structures & Improvements	366	137	144	(6)	138
33	Mains	367	20,046	20,504	(4)	20,500
34	Measuring & Regulating Station Equipment	369	3,573	3,716	(44)	3,672
35	Communication Equipment	370	1,623	1,772	(11)	1,761
36	Other Equipment	371	253	262	(2)	260
37	TOTAL TRANSMISSION		<u>26,120</u>	<u>26,898</u>	<u>(67)</u>	<u>26,831</u>
DISTRIBUTION PLANT						
38	Land & Land Rights	374	1,188	1,240	-	1,240
39	Structures & Improvements	375	2,903	2,982	9	2,991
40	Mains	376	382,380	408,595	(3,635)	404,960
41	Measuring & Regulating Station Equipment	378	18,241	20,678	(2,395)	18,283
42	Measuring & Regulating Station Equipment	379	6,298	6,813	86	6,899
43	Services	380	309,538	335,860	(9,352)	326,508
44	Meters	381	61,464	65,675	(1,363)	64,312
45	Meter Installations	382	27,801	29,800	234	30,034
46	House Regulators	383	1,060	1,375	952	2,327
47	House Regulatory Installations	384	7,748	8,101	(21)	8,080
48	Industrial Measuring & Reg. Station Equipment	385	14,405	15,144	(5)	15,139
49	Other Property	386	766	790	-	790
50	Other Equipment	387	3,980	4,061	5	4,066
51	TOTAL DISTRIBUTION		<u>837,772</u>	<u>901,114</u>	<u>(15,485)</u>	<u>885,629</u>
GENERAL PLANT						
52	Land & Land Rights	389	-	61	(61)	-
53	Structures & Improvements	390	31,652	33,505	(320)	33,185
54	Office Furniture & Equipment	391	39,971	45,494	(11,847)	33,647
55	Transportation Equipment	392	13,272	14,551	(7,327)	7,224
56	Stores Equipment	393	6	7	(1)	6
57	Tools & Garage Equipment	394	9,158	10,422	(1,407)	9,015
58	Laboratory Equipment	395	24	45	1	46
59	Power Operated Equipment	396	643	667	(269)	398
60	Communication Equipment	397	1,387	1,490	(1,270)	220
61	Miscellaneous Equipment	398	1,007	1,383	11	1,394
62	Other Tangible Property	399	16	16	(16)	-
63	TOTAL GENERAL		<u>97,136</u>	<u>107,641</u>	<u>(22,506)</u>	<u>85,135</u>
64	Total Plant		<u>\$ 961,628</u>	<u>\$ 1,036,257</u>	<u>\$ (38,009)</u>	<u>\$ 998,248</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Cost of Removal

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2018	2019
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		-	-
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	-	125
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	-	-
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		-	125
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	-	200
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	-	-
23	Wells	352	-	-
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		-	200

UGI Utilities, Inc. - Gas Division (Combined)
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Cost of Removal

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2018	2019
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	1	-
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		<u>1</u>	<u>-</u>
DISTRIBUTION PLANT				
38	Land & Land Rights	374	-	-
39	Structures & Improvements	375	-	-
40	Mains	376	1,107	790
41	Measuring & Regulating Station Equipment	378	339	955
42	Measuring & Regulating Station Equipment	379	-	-
43	Services	380	5,716	6,209
44	Meters	381	3	1
45	Meter Installations	382	328	52
46	House Regulators	383	4	126
47	House Regulatory Installations	384	1,354	13
48	Industrial Measuring & Reg. Station Equipment	385	25	-
49	Other Property	386	-	-
50	Other Equipment	387	-	-
51	TOTAL DISTRIBUTION		<u>8,876</u>	<u>8,146</u>
GENERAL PLANT				
52	Land & Land Rights	389	-	-
53	Structures & Improvements	390	(1)	89
54	Office Furniture & Equipment	391	-	-
55	Transportation Equipment	392	-	12
56	Stores Equipment	393	-	-
57	Tools & Garage Equipment	394	-	-
58	Laboratory Equipment	395	-	-
59	Power Operated Equipment	396	-	-
60	Communication Equipment	397	-	-
61	Miscellaneous Equipment	398	3	-
62	Other Tangible Property	399	-	-
63	TOTAL GENERAL		<u>2</u>	<u>101</u>
64	Total Plant		<u>\$ 8,879</u>	<u>\$ 8,572</u>

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Negative Net Salvage Amortization

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2018	2019
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		<u>-</u>	<u>-</u>
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	54	30
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	10	10
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		<u>64</u>	<u>40</u>
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	296	291
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	-	-
23	Wells	352	16	16
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		<u>312</u>	<u>307</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Negative Net Salvage Amortization

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2018	2019
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	1	1
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		<u>1</u>	<u>1</u>
DISTRIBUTION PLANT				
38	Land & Land Rights	374	-	-
39	Structures & Improvements	375	7	7
40	Mains	376	1,385	1,358
41	Measuring & Regulating Station Equipment	378	229	353
42	Measuring & Regulating Station Equipment	379	12	10
43	Services	380	5,894	5,967
44	Meters	381	1	1
45	Meter Installations	382	330	310
46	House Regulators	383	1,151	1,175
47	House Regulatory Installations	384	7	5
48	Industrial Measuring & Reg. Station Equipment	385	13	11
49	Other Property	386	1	1
50	Other Equipment	387	2	2
51	TOTAL DISTRIBUTION		<u>9,032</u>	<u>9,200</u>
GENERAL PLANT				
52	Land & Land Rights	389	-	-
53	Structures & Improvements	390	155	140
54	Office Furniture & Equipment	391	-	-
55	Transportation Equipment	392	(148)	(76)
56	Stores Equipment	393	-	-
57	Tools & Garage Equipment	394	-	-
58	Laboratory Equipment	395	-	-
59	Power Operated Equipment	396	(1)	(2)
60	Communication Equipment	397	-	-
61	Miscellaneous Equipment	398	6	6
62	Other Tangible Property	399	-	-
63	TOTAL GENERAL		<u>12</u>	<u>68</u>
64	Total Plant		<u>\$ 9,421</u>	<u>\$ 9,616</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Salvage

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2018	2019
INTANGIBLE PLANT				
1	Organization	301	\$ -	\$ -
2	Franchise & Consent	302	-	-
3	Miscellaneous Intangible Plant	303	-	-
4	TOTAL INTANGIBLE		<u>-</u>	<u>-</u>
NATURAL GAS PRODUCTION & GATHERING				
5	Producing Lands	325.1	-	-
6	Producing Leaseholds	325.2	-	-
7	Rights of Way	325.4	-	-
8	Other Land Rights	325.5	-	-
9	Field Measuring & Regulating Station Structures	328	-	-
10	Other Structures	329	-	-
11	Producing Gas Wells-Well Construction	330	-	-
12	Producing Gas Wells-Well Equipment	331	-	-
13	Field Lines	332	-	-
14	Field Measuring & Reg. Station Equipment	334	-	-
15	Drilling & Cleaning Equipment	335	-	-
16	Other Equipment	337	-	-
17	TOTAL PRODUCTION & GATHERING		<u>-</u>	<u>-</u>
NATURAL GAS STORAGE & PROCESSING PLANT				
18	Land & Land Rights	304	-	-
19	Production Plant-Manufactured Gas Plants	305	-	-
20	Land	350.1	-	-
21	Rights of Way	350.2	-	-
22	Structures & Improvements	351	-	-
23	Wells	352	-	-
24	Lines	353	-	-
25	Compressor Station Equipment	354	-	-
26	Measuring & Regulating Equipment	355	-	-
27	Purification Equipment	356	-	-
28	Other Equipment	357	-	-
29	TOTAL STORAGE & PROCESSING		<u>-</u>	<u>-</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Salvage

Line #	Description	[1]	[2]	[3]
		Account Number	Year Ended September 30,	
			2018	2019
TRANSMISSION PLANT				
30	Land & Land Rights	365.1	-	-
31	Rights of Way	365.2	-	-
32	Structures & Improvements	366	-	-
33	Mains	367	-	-
34	Measuring & Regulating Station Equipment	369	-	-
35	Communication Equipment	370	-	-
36	Other Equipment	371	-	-
37	TOTAL TRANSMISSION		-	-
DISTRIBUTION PLANT				
38	Land & Land Rights	374	-	-
39	Structures & Improvements	375	-	-
40	Mains	376	4	-
41	Measuring & Regulating Station Equipment	378	(216)	(285)
42	Measuring & Regulating Station Equipment	379	-	-
43	Services	380	-	-
44	Meters	381	-	-
45	Meter Installations	382	-	-
46	House Regulators	383	-	-
47	House Regulatory Installations	384	-	-
48	Industrial Measuring & Reg. Station Equipment	385	-	-
49	Other Property	386	-	-
50	Other Equipment	387	-	-
51	TOTAL DISTRIBUTION		(212)	(285)
GENERAL PLANT				
52	Land & Land Rights	389	-	-
53	Structures & Improvements	390	-	-
54	Office Furniture & Equipment	391	-	-
55	Transportation Equipment	392	-	(164)
56	Stores Equipment	393	-	-
57	Tools & Garage Equipment	394	-	-
58	Laboratory Equipment	395	-	-
59	Power Operated Equipment	396	-	-
60	Communication Equipment	397	-	-
61	Miscellaneous Equipment	398	-	-
62	Other Tangible Property	399	-	-
63	TOTAL GENERAL		-	(164)
64	Total Plant		\$ (212)	\$ (449)

Working Capital

Line No	Description	[1]	[2]
		Future FTY 9-30-19	Reference
1	Working Capital for O & M Expense	\$ 33,636	C-4, Page 2
2	Interest Payments	(4,151)	C-4, Page 7
3	Tax Payment Lag Calculations	2,716	C-4, Page 8
4	Prepaid Expenses	6,573	C-4, Page 9
5	Total Cash Working Capital Requirements	<u>\$ 38,774</u>	

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(\$ in Thousands)

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Summary of Working Capital

Line #	Description	[1] Reference	[2] Test Year Expenses	[3] Factor	[4] Number of (Lead) / Lag Days [2] * [3]	[5] Totals
WORKING CAPITAL REQUIREMENT						
1	REVENUE LAG DAYS	Page 3				56.89
2	EXPENSE LAG DAYS	Page 4				
3	Payroll	Sch D-7	\$ 75,063	12.00	\$ 900,762	
4	Purchased Gas Costs	Sch D-6	262,483	36.41	9,556,982	
5	Other Expenses	L 19 - L 2 to L 4	149,992	33.36	5,003,718	
6	Total	Sum (L 3 to L 5)	<u>\$ 487,538</u>		<u>\$ 15,461,462</u>	
7	O & M Expense Lag Days	L6, C 4 / C 2				31.71
8	Net (Lead) Lag Days	L 1 - L 7				25.18
9	Operating Expenses Per Day	L 6, C 2 / 365				<u>\$ 1,336</u>
10	Working Capital for O & M Expense	L 8 * L 9				\$ 33,636
11	Interest Payments	Page 7				(4,151)
12	Tax Payment Lag Calculations	Page 8				2,716
13	Prepaid Expenses	Page 9				6,573
14	Total Working Capital Requirement	Sum (L 10 to L 13)				<u>\$ 38,774</u>
15	Pro Forma O & M Expense		\$ 498,176			
16	Less: Uncollectible Expense		<u>10,638</u>			
17	Sub-Total		<u>10,638</u>			
18	Pro Forma Cash O&M Expense		<u>\$ 487,538</u>			

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Revenue Lag						
Line No.	Description	[1] Reference Or Factor	[2] Accounts Receivable Balance End of Month	[3] Total Monthly Sales Page 2	[4] A/R Turnover [3] / [2]	[5] Days Lag 365 / [4]
1	Annual Number of Days					<u>365</u>
2	September, 2017		\$ 36,102			
3	October		31,948	33,599		
4	November		46,928	59,758		
5	December, 2017		89,395	102,535		
6	January, 2018		156,129	174,810		
7	February		154,986	125,325		
8	March		165,689	118,854		
9	April		159,810	103,634		
10	May		127,108	57,722		
11	June		105,624	34,109		
12	July		84,995	28,528		
13	August		67,069	29,902		
14	September, 2018		54,818	26,990		
15	Total	Sum L 2 to L 14	<u>\$1,280,602</u>			
16	Number of Months	<u>13</u>				
17	Average Acct Rec Balance	L 15 / L 16	<u>\$98,508</u>			
18	Total Sales for Year	Sum L 2 to L 14		<u>\$ 895,766</u>		
19	Acct Rec Turnover Ratio	L 18 / L 17			<u>9.09</u>	
20	Collection Lag Day Factor	L 1 / L 19				40.15
21	Meter Read Lag Factor					1.53
22	Midpoint Lag Factor		365	/	12	/
					2	=
						<u>15.21</u>
23	Total Revenue Lag Days	Sum L 20 to L 22				<u>56.89</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule C-4
Witness: M. Mattern
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Summary of Expense Lag Calculations

Line No.	Description	[1] Reference Or Factor	[2] Amount	[3] (Lead) / Lag Days	[4] Weighted Dollar Value [2] * [3]	[5] (Lead) / Lag Days [4] / [2]
<u>PAYROLL</u>						
1	Union Payrolls	Bi-Weekly	\$ 27,382	12.00		
2	Exempt & Non-Exempt	Bi-Weekly	47,682	12.00		
3	Weighted for Union	L1, C2 * C3			\$ 328,578	
4	Weighted for Other	L2, C2 * C3			572,186	
5	Payroll Lag	L 3 + L 4	<u>\$ 75,064</u>		<u>\$ 900,764</u>	
6	Payroll Lag Days	C 4 / C 2				<u>12.00</u>
<u>PURCHASE GAS COSTS</u>						
7	Payment Lag	Page 6	<u>\$ 421,737</u>		<u>\$ 15,355,410</u>	
8	Gas Cost Lag Days	C 4 / C 2				<u>36.41</u>
<u>OTHER O & M EXPENSES</u>						
9	OCTOBER 2017	Page 5	\$ 14,023		\$ 424,589	
10	NOVEMBER 2017	Page 5	9,081		328,748	
11	DECEMBER 2017	Page 5	9,616		340,014	
12	JANUARY 2018	Page 5	9,835		358,677	
13	FEBRUARY 2018	Page 5	9,890		328,281	
14	MARCH 2018	Page 5	15,985		474,561	
15	APRIL 2018	Page 5	8,921		328,305	
16	MAY 2018	Page 5	10,895		370,074	
17	JUNE 2018	Page 5	13,560		514,214	
18	JULY 2018	Page 5	8,779		295,626	
19	AUGUST 2018	Page 5	12,967		386,681	
20	SEPTEMBER 2018	Page 5	11,795		364,935	
21	TOTAL		<u>\$ 135,348</u>		<u>\$ 4,514,705</u>	
22	Other O&M Expense Lag Days	L21, C 4 / C 2				<u>33.36</u>

UGI Utilities, Inc. - Gas Division (Combined)
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General Disbursements Payment Lag Summary

Line #	Description	[1] Number of CDs	[2] Cash Disbursements	[3] Dollar-Days	[4] Expense Lag-Days [3]/[2]
OCTOBER 2017					
1	Total Disbursements for Month	4,895	\$ 42,191		
2	Total Disbursements for Expenses	4,094	\$ 14,023	\$ 424,589	30.28
NOVEMBER 2017					
3	Total Disbursements for Month	3,913	\$ 29,198		
4	Total Disbursements for Expenses	3,450	\$ 9,081	\$ 328,748	36.20
DECEMBER 2017					
5	Total Disbursements for Month	4,195	\$ 40,530		
6	Total Disbursements for Expenses	3,559	\$ 9,616	\$ 340,014	35.36
JANUARY 2018					
7	Total Disbursements for Month	4,445	\$ 36,037		
8	Total Disbursements for Expenses	3,853	\$ 9,835	\$ 358,677	36.47
FEBRUARY 2018					
9	Total Disbursements for Month	3,785	\$ 40,194		
10	Total Disbursements for Expenses	3,334	\$ 9,890	\$ 328,281	33.19
MARCH 2018					
11	Total Disbursements for Month	4,375	\$ 42,710		
12	Total Disbursements for Expenses	3,864	\$ 15,985	\$ 474,561	29.69
APRIL 2018					
13	Total Disbursements for Month	4,027	\$ 31,475		
14	Total Disbursements for Expenses	3,551	\$ 8,921	\$ 328,305	36.80
MAY 2018					
15	Total Disbursements for Month	4,603	\$ 33,012		
16	Total Disbursements for Expenses	3,953	\$ 10,895	\$ 370,074	33.97
JUNE 2018					
17	Total Disbursements for Month	4,205	\$ 36,173		
18	Total Disbursements for Expenses	3,567	\$ 13,560	\$ 514,214	37.92
JULY 2018					
19	Total Disbursements for Month	4,506	\$ 34,021		
20	Total Disbursements for Expenses	3,817	\$ 8,779	\$ 295,626	33.68
AUGUST 2018					
21	Total Disbursements for Month	5,151	\$ 39,556		
22	Total Disbursements for Expenses	4,306	\$ 12,967	\$ 386,681	29.82
SEPTEMBER 2018					
23	Total Disbursements for Month	4,237	\$ 42,846		
24	Total Disbursements for Expenses	3,404	\$ 11,795	\$ 364,935	30.94
25	Total Test Month Expense Disbursement	44752	\$ 135,348	\$ 4,514,705	33.69

Purchase Gas Cost Payment Lag Summary

Line #	Description	[1] Number of Invoices	[2] Amount of Invoice	[3] Dollar Days	[4] Total Payment Lag-Days
1	October 2017	64	\$ 15,022	\$ 581,943	38.74
2	November	80	32,466	935,919	28.83
3	December	93	45,372	1,421,740	31.34
4	January 2018	104	55,686	1,986,518	35.67
5	February	100	92,080	3,463,565	37.61
6	March	110	43,412	1,529,099	35.22
7	April	91	27,126	1,064,886	39.26
8	May	80	33,804	1,355,016	40.08
9	June	66	19,393	748,930	38.62
10	July	89	17,731	695,169	39.21
11	August	64	20,883	848,427	40.63
12	September 2018	75	<u>18,762</u>	<u>724,199</u>	38.60
13	Total		<u>\$ 421,737</u>	<u>\$ 15,355,410</u>	
14	Purchase Gas Lag Days				<u>36.41</u>

UGI Utilities, Inc. - Gas Division (Combined)
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 Witness: M. Mattern
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Interest Payments

Line No.	Description	[1] Reference Or Factor	[2] # of Days	[3] # of Days	[4] Total
1	Measure of Value at September 30, 2019	Sch C-1			\$ 2,109,448
2	Long-term Debt Ratio	Sch B-6			44.29%
3	Embedded Cost of Long-term Debt	Sch B-6			4.72%
4	Pro forma Interest Expense	L 1 * L 2 * L 3			<u>\$ 44,098</u>
5	Daily Amount	L 4 / L 5 [2]	365		\$ 121
6	Days to mid-point of interest payments			91.25	
7	Less: Revenue Lag Days	Page 3		56.89	
8	Interest Payment lag days	L 7 - L 6			(34.4)
9	Total Interest for Working Capital	L 5 * L 8			<u>\$ (4,151)</u>

Tax Lag Day Calculations

Line #	Description	[1] Payment Dates	[2] Mid-Point of Service Period	[3] Lead (Lag) Payment Days [1] - [2]	[4] Payment Amount	[5] Weighted Lead (Lag) Dollars [3] * [4]	[6] Payment Lead (Lag) Days [5] / [4]	[7] Revenue (Lag) Days	[8] Net Payment Lead (Lag) Days [6] - [7]	[9] Total Dollar Days	[10] Working Capital Amount
											365
1	FEDERAL INCOME TAX				\$ 32,282						
2	First Payment	01/05/19	04/01/19	86.00	\$ 8,071	694,064					
3	Second Payment	03/15/19	04/01/19	17.00	8,071	137,199					
4	Third Payment	06/15/19	04/01/19	(75.00)	8,071	(605,288)					
5	Fourth Payment	09/15/19	04/01/19	(167.00)	8,071	(1,347,776)					
6	Total				\$ 32,282	\$ (1,121,801)	(34.75)	(56.89)	22.14	\$ 714,725	\$ 1,958
7	STATE INCOME TAX				\$ 10,236						
8	First Payment	12/15/18	04/01/19	107.00	\$ 2,559	273,802					
9	Second Payment	03/15/19	04/01/19	17.00	2,559	43,501					
10	Third Payment	06/15/19	04/01/19	(75.00)	2,559	(191,917)					
11	Fourth Payment	09/15/19	04/01/19	(167.00)	2,559	(427,335)					
12	Total				\$ 10,236	(301,950)	(29.50)	(56.89)	27.39	\$ 280,352	\$ 768
13	PA PROPERTY TAX				\$ 703						
14	First Payment	03/31/19	04/01/19	1.00	\$ 352	352					
15	Second Payment	09/30/19	04/01/19	(182.00)	352	(63,973)					
16	Total				\$ 703	(63,622)	(90.50)	(56.89)	(33.61)	\$ (23,628)	\$ (65)
17	PURTA				\$ 746						
18	Payment	05/01/19	04/01/19	(30.00)	\$ 746	(22,380)	(30.00)	(56.89)	26.89	\$ 20,060	\$ 55
19	Total Working Capital For Other Taxes										\$ 2,716

UGI Utilities, Inc. - Gas Division (Combined)
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 Witness: M. Mattern
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Prepaid Expenses

Line #	[1] Description	[2] TOTAL	[3] Insurance	[4] PUC Assessment	[5] Property Taxes	[6] Subscriptions	[7] Postage	[8] Rent	[9] Maintenance & Services
1	September, 2017	5,935	\$ 2,595	\$ (738)	\$ 437	\$ 29	\$ 6	\$ 30	\$ 3,576
2	October	8,521	2,706	1,968	380	104	9	30	3,324
3	November	7,699	2,419	1,722	321	80	7	30	3,120
4	December, 2017	6,844	2,140	1,476	263	28	13	30	2,894
5	January, 2018	6,225	1,929	1,230	211	140	25	30	2,660
6	February	5,979	1,528	984	298	600	43	30	2,496
7	March	4,481	1,168	738	288	114	10	30	2,133
8	April	4,525	1,066	492	280	189	8	30	2,460
9	May	4,402	720	246	238	133	32	30	3,003
10	June	7,023	3,985	-	178	76	7	30	2,747
11	July	8,282	4,016	(246)	271	151	7	30	4,053
12	August	7,824	3,723	(492)	431	95	6	30	4,031
13	September, 2018	7,708	3,317	-	408	38	8	30	3,907
14	TOTAL	<u>\$ 85,448</u>	<u>\$ 31,312</u>	<u>\$ 7,380</u>	<u>\$ 4,004</u>	<u>\$ 1,777</u>	<u>\$ 181</u>	<u>\$ 390</u>	<u>\$ 40,404</u>
15	Percent to Gas		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
16	Amount to Gas		<u>\$ 31,312</u>	<u>\$ 7,380</u>	<u>\$ 4,004</u>	<u>\$ 1,777</u>	<u>\$ 181</u>	<u>\$ 390</u>	<u>\$ 40,404</u>
17	Monthly Average	13	<u>\$ 2,409</u>	<u>\$ 568</u>	<u>\$ 308</u>	<u>\$ 137</u>	<u>\$ 14</u>	<u>\$ 30</u>	<u>\$ 3,108</u>
18	Rate Case Amount		<u>\$ 6,573</u>						

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule C-5
Witness: M. Mattern
Page 1 of 1

Gas Inventory

[1]

Line #	Description	Stored Underground
1	September, 2017	\$ 39,486
2	October	44,524
3	November	43,395
4	December, 2017	34,587
5	January, 2018	22,977
6	February	13,453
7	March	3,460
8	April	6,904
9	May	13,034
10	June	18,608
11	July	25,414
12	August	31,433
13	September, 2018	37,287
14	Total	<u>\$ 334,562</u>
15	Number of Months	<u>13</u>
16	Average Monthly Balance	<u>\$ 25,736</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule **C-6**
Witness: **N. M. McKinney**
Page 1 of 1

Accumulated Deferred Income Taxes

[1]

[2]

Line #	Description	Amount	Total
<u>Accumulated Deferred Income Tax</u>			
1	Gas Utility Plant - a/c # 282	\$ (572,972)	
2	Sub-total		(572,972)
3	ADIT on CIAC	28,163	
4	Sub-total		<u>28,163</u>
5	Federal ADIT		(544,809)
6	State Repair Regulatory Liability	(24,832)	(24,832)
7	Pro-Rata Adjustment	-	-
8	Balance At September 30, 2019		<u><u>\$ (569,641)</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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Schedule C-7
Witness: M. Mattern
Page 1 of 1

Customer Deposits

[1]

Line #	Description	Balance At End Of Month
1	Balance as of September 30, 2018	<u>\$ 18,920</u>

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Schedule C-8
Witness: M. Mattern
Page 1 of 1

Materials & Supplies

Line #	Month	[1] Materials & Supplies
1	September, 2017	\$ 12,256
2	October	12,506
3	November	12,805
4	December, 2017	13,400
5	January, 2018	13,675
6	February	14,198
7	March	14,375
8	April	14,537
9	May	14,110
10	June	14,098
11	July	14,221
12	August	13,766
13	September, 2018	13,715
14	Total	<u>\$ 177,662</u>
15	Number of Months	<u>13</u>
16	Average Monthly Balance	<u>\$ 13,666</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-1
Witness: S. F. Anzaldo
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Summary of Revenue and Expenses
Pro Forma with Proposed Revenue Increase

Line #	Description	Factor Or Reference	[1]	[2]	[3]
			Pro Forma Test Year		
			At Present Rates	Rate Increase	At Proposed Rates
OPERATING REVENUES					
1	Customer & Distribution Revenue		\$ 507,116	\$ -	\$ 507,116
2	Gas Supply & Cost Adjustment Revenue		277,623	-	277,623
3	Other Revenues		5,880	-	5,880
4	Revenue Increase			33,342	33,342
5	Total operating revenues		<u>790,619</u>	<u>33,342</u>	<u>823,961</u>
OPERATING EXPENSES					
6	Manufactured Gas		3,961	-	3,961
7	Gas Supply Production		262,483	-	262,483
8	Transmission		-	-	-
9	Distribution		75,270	-	75,270
10	Customer Accounts		31,667	-	31,667
11	Uncollectible Expense	1.348%	10,638	449	11,087
12	Customer Information & Services		9,582	-	9,582
13	Sales		2,442	-	2,442
14	Administrative & General		102,134	-	102,134
15	Depreciation & Amortization		95,948	-	95,948
16	Taxes other than income taxes		10,520	-	10,520
17	Total operating expenses		<u>604,644</u>	<u>449</u>	<u>605,093</u>
18	Net operating income Before Income Tax		185,975	32,893	218,868
Income Taxes					
19	Pro Forma Income Tax At Present Rates		33,015		33,015
20	Pro Forma Income Tax on Revenue Increase			9,503	9,503
21	Net Income (loss)		<u>\$ 152,961</u>	<u>\$ 23,390</u>	<u>\$ 176,350</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-2
Witness: S. F. Anzaldo
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**Summary of Pro Forma Revenue and Expense
Adjustments with Proposed Revenue Increase**

Line #	Description	[1]	[2]	[3]	[4]	[5]	[6]
		Factor Or Reference	Budget For Year End 09/30/19	Adjustments Sch D-3 Increase (Decrease)	Pro Forma Adjusted For Test Year 9/30/19	Proposed Increase	Pro Forma Test Year With Proposed Increase
	<u>OPERATING REVENUES</u>			-	[2] + [3]		[4] + [5]
1	Residential (R/RT)	480	\$ 520,370	\$ (44,772)	\$ 475,598		\$ 475,598
2	Comm & Ind (N/NT)	481	204,628	(12,887)	191,741		191,741
3	Comm & Ind (DS)	489	33,296	552	33,848		33,848
4	Lg Transport/Other	489	69,749	(1,147)	68,602		68,602
5	Interruptible	489	23,936	(8,986)	14,950		14,950
6	Forfeited Discounts		4,909	-	4,909		4,909
7	Miscellaneous Service Revenues		665	-	665		665
8	Rent from Gas Properties		306	-	306		306
9	Rate Increase					33,342	33,342
10	Total operating revenues		<u>857,859</u>	<u>(67,240)</u>	<u>790,619</u>	<u>33,342</u>	<u>823,961</u>
	<u>OPERATING EXPENSES</u>						
11	Gas Production		3,960	1	3,961		3,961
12	Gas Supply Production		313,882	(51,399)	262,483		262,483
13	Transmission		-		-		
14	Distribution		75,196	73	75,270		75,270
15	Customer Accounts		34,117	(2,450)	31,667		31,667
16	Uncollectible Expense	1.348%	11,670	(1,032)	10,638	449	11,087
17	Customer Information & Services		9,558	24	9,582		9,582
18	Sales		2,432	9	2,442		2,442
19	Administrative & General		101,360	774	102,134		102,134
20	Depreciation & Amortization		86,678	9,270	95,948		95,948
21	Taxes other than income taxes		10,439	81	10,520		10,520
22	Total operating expenses		<u>649,292</u>	<u>(44,648)</u>	<u>604,644</u>	<u>449</u>	<u>605,093</u>
23	Net Operating Income - BIT		<u>\$ 208,567</u>	<u>\$ (22,592)</u>	<u>\$ 185,975</u>	<u>\$ 32,893</u>	<u>\$ 218,868</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Summary of Pro Forma Adjustments

Line #	Description	[1]	[2]	[3]	[4]	[5]	[6] Adjustments					[7]	[8]	[9]	[10]	[11]	[12]	[13]	
		As Budgeted And Allocated	Company Use Gas D-4	Revenues D-5	Gas Costs D-6	Salaries & Wages D-7	Environmental Expense D-8	Enhanced Safety Initiatives D-9	Rate Case D-10	Uncollectibles Expense D-11	Facility Expense D-12	D-13	Sub-Total Adjustments	Total Proforma					
OPERATING REVENUES																			
Customer & Distribution Revenue																			
1	Residential (R/RT)	480	\$ 278,762	\$ (5,406)													\$ (5,406)	\$ 273,356	
2	Comm & Ind (N/NT)	481	115,109	1,135													1,135	116,244	
3	Comm & Ind (DS)	489	33,484	528													528	34,012	
4	Lg Transport/Other	489	69,497	(943)													(943)	68,554	
5	Interruptible	489	23,936	(8,986)													(8,986)	14,950	
Revenue for Cost of Gas																			
6	Residential (R/RT)	480	241,608	(39,366)													(39,366)	202,242	
7	Comm & Ind (N/NT)	481	89,519	(14,022)													(14,022)	75,497	
8	Comm & Ind (DS)	489	(188)	24													24	(164)	
9	Lg Transport/Other	489	252	(204)													(204)	48	
10	Interruptible Transport	489	-	-													-	-	
11	Forfeited Discounts		4,909	-													-	4,909	
12	Miscellaneous Service Revenues		665	-													-	665	
13	Rent from Gas Properties		306	-													-	306	
14	Rate Increase		-	-													-	-	
15	Total operating revenues		857,859	(67,240)	-	-	-	-	-	-	-	-	-	-	-	-	(67,240)	790,619	
OPERATING EXPENSES																			
16	Gas Production		3,960			1												1	3,961
17	Gas Supply Production		313,882	(51,399)													(51,399)	262,483	
18	Transmission		-															-	
19	Distribution		75,196	(376)		449											73	75,270	
20	Customer Accounts		34,117			199											199	34,316	
21	Uncollectible Expense		11,670							(1,032)							(1,032)	10,638	
22	Customer Information & Services		9,558			24											24	9,582	
23	Sales		2,432			9											9	2,442	
24	Administrative & General		101,360	(545)		312		1,007									774	102,134	
25	Depreciation & Amortization		86,678														-	86,678	
26	Taxes other than income taxes		10,439														-	10,439	
27	Total operating expenses		\$ 649,292	\$ (921)	\$ -	\$ (51,399)	\$ 994	\$ -	\$ 1,007	\$ -	\$ (1,032)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (51,350)	\$ 597,942	
28	Net operating income Before Income Tax		\$ 208,567	\$ 921	\$ (67,240)	\$ 51,399	\$ (994)	\$ -	\$ (1,007)	\$ -	\$ 1,032	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (15,890)	\$ 192,677	

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Future Period - 12 Months Ended September 30, 2019
(\$ in Thousands)

Summary of Pro Forma Adjustments

Line #	Description	[1]	[2]	[3]	[4]	[5]	[6] Adjustments					[7]	[8]	[9]	[10]	[11]	[12]	[13]
		From Page 1 Sub-total		Benefits Adjustments D-14	Other Adjustments D-15	Universal Service D-16	D-17	D-18	EE&C Program D-19		Depreciation D-21	Taxes Other Than Income D-31						
OPERATING REVENUES																		
29	Customer & Distribution Revenue																	
30	Residential (R/RT)	\$ 273,356																\$ 273,356
31	Comm & Ind (N/NT)	116,244																116,244
32	Comm & Ind (DS)	34,012																34,012
33	Lg Transport/Other	68,554																68,554
34	Interruptible	14,950																14,950
Revenue for Cost of Gas																		
35	Residential (R/RT)	202,242																202,242
36	Comm & Ind (N/NT)	75,497																75,497
37	Comm & Ind (DS)	(164)																(164)
38	Lg Transport/Other	48																48
39	Interruptible Transport	-																-
40	Forfeited Discounts	4,909																4,909
41	Miscellaneous Service Revenues	665																665
42	Rent from Gas Properties	306																306
43	Rate Increase	-																-
44	Total operating revenues	790,619	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	790,619
OPERATING EXPENSES																		
45	Gas Production	3,961																3,961
46	Gas Supply Production	262,483																262,483
47	Transmission	-																-
48	Distribution	75,270																75,270
49	Customer Accounts	34,316																31,667
50	Uncollectible Expense	10,638						(2,649)										10,638
51	Customer Information & Services	9,582																9,582
52	Sales	2,442																2,442
53	Administrative & General	102,134																102,134
54	Depreciation & Amortization	86,678												9,270				95,948
55	Taxes other than income taxes	10,439														81		10,520
56	Total operating expenses	\$ 597,942	\$ -	\$ -	\$ -	\$ (2,649)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,270	\$ 81	\$ -	\$ -	\$ -	\$ 604,644
57	Net operating income Before Income Tax	\$ 192,677	\$ -	\$ -	\$ -	\$ 2,649	\$ -	\$ -	\$ -	\$ -	\$ (9,270)	\$ (81)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 185,975

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-4
 Witness: S. F. Anzaldo
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Company Use of Fuel

Line #	Description	[1] Reference	[2] Amount	[3] Total
1	Remove Company Use of Fuel	a/c 859.001	\$ (243)	
2	Remove Company Use of Fuel	a/c 880.001	(133)	
3	Remove Company Use of Fuel	a/c 930.201	(545)	
4				<u>\$ (921)</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-5
Witness: D. E. Lahoff
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Adjustment - Revenue Adjustments

	[1]	[2]	[3]	[4]	[5]	[6]
			<u>PRO FORMA ADJUSTMENTS</u>			
Line #	Reference Or Account Number	2019 Budget	Other Adjustments	Rev/PGC Adjustments	Total Proforma Adjustments D-5A	Proforma Adjusted At Present Rates
Customer & Distribution Revenue						
1	Residential (R/RT)	\$ 278,762	\$ (5,406)		\$ (5,406)	\$ 273,356
2	Comm & Ind (N/NT)	115,109	1,135		1,135	116,244
3	Comm & Ind (DS)	33,484	528		528	34,012
4	Lg Transport/Other	69,497	(943)		(943)	68,554
5	Interruptible	23,936	(8,986)		(8,986)	14,950
6	Cust Chg & Distrib Revenue	520,788	(13,672)	-	(13,672)	507,116
Revenue for Cost of Gas						
7	Residential (R/RT)	241,608	(2,806)	(36,560)	(39,366)	202,242
8	Comm & Ind (N/NT)	89,519	817	(14,839)	(14,022)	75,497
9	Comm & Ind (DS)	(188)	24		24	(164)
10	Lg Transport/Other	252	(204)		(204)	48
11	Interruptible Transport	-	-		-	-
12	Revenue for Cost of Gas	331,191	(2,169)	(51,399)	(53,568)	277,623
13	Total Customer Revenue	851,979	(15,841)	(51,399)	(67,240)	784,739
14	Forfeited Discounts	4,909		-	-	4,909
15	Miscellaneous Service Revenues	624		-	-	624
16	Rent from Gas Properties	306		-	-	306
17	Other Revenues	41			-	41
18	TOTAL REVENUES	\$ 857,859	\$ (15,841)	\$ (51,399)	\$ (67,240)	\$ 790,619

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-5A
Witness: D. E. Lahoff
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Adjustment - Test Year Revenue Changes

Line #	Description	[1] Factor Or Reference	[2] Budgeted Jurisdictional	[3] Revised Jurisdictional	[4] Adjustment [3] - [2]	[5] Total Adjustment
TOTAL REVENUE						
1	Residential (R/RT)		\$ 520,371	\$ 475,599	\$ (44,772)	
2	Comm & Ind (N/NT)		204,627	191,740	(12,887)	
3	Comm & Ind (DS)		33,297	33,849	552	
4	Lg Transport/Other		69,749	68,602	(1,147)	
5	Interruptible		23,936	14,950	(8,986)	
6	Total		<u>\$ 851,980</u>	<u>\$ 784,740</u>	<u>\$ (67,240)</u>	<u>\$ (67,240)</u>
COST OF COMMODITY						
7	Residential (R/RT)		\$ 241,609	\$ 202,243	\$ (39,366)	
8	Comm & Ind (N/NT)		89,518	75,496	(14,022)	
9	Comm & Ind (DS)		(187)	(163)	24	
10	Lg Transport/Other		252	48	(204)	
11	Interruptible		0	0	0	
12	Total		<u>\$ 331,192</u>	<u>\$ 277,624</u>	<u>\$ (53,568)</u>	<u>\$ (53,568)</u>
NET CUSTOMER & DISTRIBUTION						
13	Residential (R/RT)		\$ 278,762	\$ 273,356	\$ (5,406)	
14	Comm & Ind (N/NT)		115,109	116,244	1,135	
15	Comm & Ind (DS)		33,484	34,012	528	
16	Lg Transport/Other		69,497	68,554	(943)	
17	Interruptible		23,936	14,950	(8,986)	
18	Total		<u>\$ 520,788</u>	<u>\$ 507,116</u>	<u>\$ (13,672)</u>	<u>\$ (13,672)</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-6
Witness: D. E. Lahoff
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Adjustment - Gas Costs

Line #	Description	[1]	[2]	[3]	[4]	[5]
		Budgeted Gas Costs	PRO FORMA ADJUSTMENTS			Pro Forma Gas Costs At Pres Rates
			D-5A Gas Costs	Co Use	Gas Cost Pro Forma Adjustments	
1	Budgeted Gas Costs	\$ 313,882			\$ -	\$ 313,882
2	Residential (R/RT)		(36,560)		(36,560)	(36,560)
3	Comm & Ind (N/NT)		(14,839)		(14,839)	(14,839)
4	Comm & Ind (DS)		-		-	-
5	Lg Transport/Other		-		-	-
6	Interruptible		-		-	-
7	Total Gas Costs	<u>\$ 313,882</u>	<u>\$ (51,399)</u>	<u>\$ -</u>	<u>\$ (51,399)</u>	<u>\$ 262,483</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-7
Witness: S. F. Anzaldo
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Adjustment - Salaries & Wages

Line #	Description	[1] Budgeted Year 09/30/19	[2] Adjustment	[3] Payroll As Distributed	[4] Annualization Adjustment	[5] Total Pro Forma Payroll
<u>OPERATIONS</u>						
1	Total Natural Gas Production Expenses	\$ 65	\$ -	\$ 65	\$ 1	\$ 66
2	Total Underground Storage Expenses	4	-	4	-	4
3	Total Transmission Operation Expenses	-	-	-	-	-
4	Total Distribution Operation Expenses	24,459	-	24,459	328	24,787
5	Customer Account Operations Expenses	14,830	-	14,830	199	15,029
6	Total Cust. Service & Inform. Operations Exp	1,782	-	1,782	24	1,806
7	Total Operation Sales Expenses	695	-	695	9	704
8	Total A & G Operation Expenses	22,247	-	22,247	299	22,546
9	Total Operations	<u>64,082</u>	<u>-</u>	<u>64,082</u>	<u>861</u>	<u>64,943</u>
<u>MAINTENANCE</u>						
10	Total Underground Maintenance Expenses	-	-	-	-	-
11	Storage Maintenance Expenses	-	-	-	-	-
12	Total Transmission Maintenance Expenses	-	-	-	-	-
13	Total Distribution Maintenance Expenses	9,008	-	9,008	121	9,129
14	Maintenance of General Plant	979	-	979	13	992
15	Total Maintenance	<u>9,987</u>	<u>-</u>	<u>9,987</u>	<u>134</u>	<u>10,121</u>
16	Total Payroll to Expense	<u>\$ 74,069</u>	<u>\$ -</u>	<u>\$ 74,069</u>	<u>\$ 994</u>	<u>\$ 75,063</u>
17	Percent Increase					<u>1.343%</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-7
Witness: S. F. Anzaldo
Page 2 of 2

		Adjustment - Salaries & Wages				
		[1]	[2]	[3]	[4]	[5]
Line #	Description	Reference Or Function	Union At 6-1	Non-Exempt	Exempt	Pro Forma Total Payroll
1	Budgeted Payroll For TY 9-30-19		\$ 26,842	\$ 21,878	\$ 25,349	<u>\$ 74,069</u>
Annualize for Wage Increase to 9-30-19						
2	Percent Increase		3.00%	3.00%	3.00%	
3	Union Increase At 4/1 Annualization Factor	6/1/19	67%			
4	Non-Exempt Annualization Factor	4/1/19		50%		
5	Exempt Annualization Factor	12/1/18			17%	
6	Increase for wage rate changes	L 1 * L 2 * Ls 3 to 5	<u>540</u>	<u>328</u>	<u>127</u>	\$ 995
7	Annualized Salaries & Wages at 9-30-19 Rates	L 1 + L 6	\$ 27,382	\$ 22,206	\$ 25,476	
8	Annualization of D-9 changes FY2019					
9	Pro Forma Salaries & Wages for TY		<u>\$ 27,382</u>	<u>\$ 22,206</u>	<u>\$ 25,476</u>	
10	Pro Forma Adjustment to S&W					<u>\$ 995</u>
11	Annualization Factor	L 11 / L 1				<u>1.343%</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-8
 Witness: N/A
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SCHEDULE NOT USED

[1] [2]

Line #	Description	Amount	Total
Environmental Adjustment - #1			
1	2016 Environmental expenditures	\$ -	
2	2017 Environmental expenditures		
3	2018 Environmental expenditures		
4	Three year average of Environmental expenditures	-	
5	Budgeted Environmental Expense		
6	Pro Forma Adjustment		<u><u>\$ -</u></u>
<u>Environmental Adjustment - #2</u>			
7	Environmental expenditures since last rate case		
8	Less: Total recovery since last rate case		
9	Unrecovered expenditures	-	
10	Amortized over 3 years	<u><u>1</u></u>	\$ -
11	Recovery of current deferred Environmental expenditures included in the budget		
12	Pro Forma Adjustment		<u><u>\$ -</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-9
Witness: H. G. Bell
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Adjustment - Enhanced Safety Initiatives

[1]

Line #	Description	Amount
1	Enhanced Safety Initiatives	<u>\$ 1,007</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-11
Witness: M. Mattern
Page 1 of 1

Adjustment - Uncollectibles

Line #	Description	[1] Reference Or Factor	[2] Uncollectible Expense	[3] Tariff Revenue	[4] Percent [2]/[3]	[5] Total [2]/[3]
1	2016		<u>\$ 6,873</u>	<u>\$ 641,689</u>	<u>1.07%</u>	
2	2017		<u>\$ 7,598</u>	<u>\$ 741,789</u>	<u>1.02%</u>	
3	2018		<u>\$ 16,343</u>	<u>\$ 902,250</u>	<u>1.81%</u>	
4	Three Year Average Sum (Line 1 to Line 3) / 3	<u>3</u>	<u>\$ 10,271</u>	<u>\$ 761,909</u>		<u>1.348%</u>
5	<u>2019 Budget</u>					\$ 11,676
	Pro Forma Adjustment					
6	Adjusted Revenues	<u>1.348%</u>		<u>\$ 789,648</u>		
7	Pro Forma at Present Rate Revenue	[1] * [3]				<u>10,644</u>
8	Total for Test Year					<u>\$ (1,032)</u>

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Schedule D-16
 Witness: D. E. Lahoff
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Adjustment - Universal Service

[1]

Line #	Description	Amount
	<u>Increase for Pro Forma TY Universal Service Expense</u>	Pro Forma
	Budget	
1	Customer Assistance Plan Credit	\$ 5,483
2	Administration Costs	723
3	LIURP	3,107
4	Hardship. Program (Project Share)	18
5	Customer Assistance Plan Pre-program Arrearage	<u>1,580</u>
6	TOTAL	<u><u>\$ 10,911</u></u>
7	Adjusted Budget	<u><u>\$ 8,262</u></u>
8	Adjustment	<u><u>\$ (2,649)</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-21
Witness: J.F. Weidmayer
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Adjustment - Depreciation expense

Line #	Description	[1] Account Number	[2] Budgeted 9/30/19 Depreciation Expense	[3] Adjustment To Annualize At New Depre Study Rates	[4] Pro Forma Test Year Depreciation
INTANGIBLE PLANT					
1	Organization	301	\$ -	\$ -	\$ -
2	Franchise & Consent	302	-	-	-
3	Miscellaneous Intangible Plant	303	-	-	-
4	TOTAL INTANGIBLE		<u>-</u>	<u>-</u>	<u>-</u>
NATURAL GAS PRODUCTION & GATHERING					
5	Producing Lands	325.1	-	-	-
6	Producing Leaseholds	325.2	-	-	-
7	Rights of Way	325.4	-	-	-
8	Other Land Rights	325.5	-	-	-
9	Field Measuring & Regulating Station Structures	328	-	-	-
10	Other Structures	329	-	-	-
11	Producing Gas Wells-Well Construction	330	-	-	-
12	Producing Gas Wells-Well Equipment	331	-	-	-
13	Field Lines	332	1	-	1
14	Field Measuring & Reg. Station Equipment	334	3	(1)	2
15	Drilling & Cleaning Equipment	335	-	-	-
16	Other Equipment	337	-	-	-
17	TOTAL PRODUCTION & GATHERING		<u>4</u>	<u>(1)</u>	<u>3</u>
NATURAL GAS STORAGE & PROCESSING PLANT					
18	Land & Land Rights	304	-	-	-
19	Production Plant-Manufactured Gas Plants	305	-	-	-
20	Land	350.1	-	-	-
21	Rights of Way	350.2	-	-	-
22	Structures & Improvements	351	-	-	-
23	Wells	352	-	-	-
24	Lines	353	-	-	-
25	Compressor Station Equipment	354	-	-	-
26	Measuring & Regulating Equipment	355	-	-	-
27	Purification Equipment	356	-	-	-
28	Other Equipment	357	-	-	-
29	TOTAL STORAGE & PROCESSING		<u>-</u>	<u>-</u>	<u>-</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-21
Witness: J.F. Weidmayer
Page 2 of 2

Adjustment - Depreciation expense

Line #	Description	[1] Account Number	[2] Budgeted 9/30/19 Depreciation Expense	[3] Adjustment To Annualize At New Depre Study Rates	[4] Pro Forma Test Year Depreciation
TRANSMISSION PLANT					
30	Land & Land Rights	365.1	-	-	-
31	Rights of Way	365.2	12	-	12
32	Structures & Improvements	366	7	(6)	1
33	Mains	367	458	7	465
34	Measuring & Regulating Station Equipment	369	143	(44)	99
35	Communication Equipment	370	150	(22)	128
36	Other Equipment	371	9	(1)	8
37	TOTAL TRANSMISSION		<u>779</u>	<u>(66)</u>	<u>713</u>
DISTRIBUTION PLANT					
38	Land & Land Rights	374	51	(9)	42
39	Structures & Improvements	375	79	7	86
40	Mains	376	26,215	1,101	27,316
41	Measuring & Regulating Station Equipment	378	2,437	715	3,152
42	Measuring & Regulating Station Equipment	379	515	(27)	488
43	Services	380	26,321	246	26,567
44	Meters	381	4,211	358	4,569
45	Meter Installations	382	1,998	126	2,124
46	House Regulators	383	314	62	376
47	House Regulatory Installations	384	353	(2)	351
48	Industrial Measuring & Reg. Station Equipment	385	739	(64)	675
49	Other Property	386	24	(1)	23
50	Other Equipment	387	81	6	87
51	TOTAL DISTRIBUTION		<u>63,338</u>	<u>2,518</u>	<u>65,856</u>
GENERAL PLANT					
52	Land & Land Rights	389	61	(61)	-
53	Structures & Improvements	390	1,852	2,243	4,095
54	Office Furniture & Equipment	391	5,522	9,709	15,232
55	Transportation Equipment	392	1,279	2,993	4,272
56	Stores Equipment	393	1	0	1
57	Tools & Garage Equipment	394	1,264	254	1,518
58	Laboratory Equipment	395	21	0	22
59	Power Operated Equipment	396	23	189	212
60	Communication Equipment	397	103	6	109
61	Miscellaneous Equipment	398	377	33	409
62	Other Tangible Property	399	-	-	-
63	TOTAL GENERAL		<u>10,504</u>	<u>15,365</u>	<u>25,869</u>
64	TOTAL DEPRECIATION		<u>\$ 74,625</u>	<u>\$ 17,816</u>	<u>\$ 92,441</u>
65	CHARGED TO CLEARING ACCOUNTS		<u>\$ (2,669)</u>	<u>\$ (3,442)</u>	<u>\$ (6,111)</u>
66	NET SALVAGE AMORTIZATION		<u>\$ 8,742</u>	<u>\$ 875</u>	<u>\$ 9,617</u>

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Schedule D-31
Witness: S. F. Anzaldo
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Adjustment - Taxes Other Than Income Taxes

Line #	Description	[1] Account Number	[2] Factor or Reference	[3] Budget Amounts 9/30/19	[4] Pro Forma Adjustments	[5] Pro Forma Tax Expense 9/30/19
1	PURTA Taxes	408.1		\$ 746	\$ -	\$ 746
2	Capital Stock	408.1		-		-
3	PA & Local Use taxes	408.1		703	-	703
4	Social Security	408.1	D-32	5,501	74	5,575
5	FUTA	408.1	D-32	50	1	51
6	SUTA	408.1	D-32	427	6	433
7	PUC Assessment	408.1		3,012	-	3,012
8	Total			<u>\$ 10,439</u>	<u>\$ 81</u>	<u>\$ 10,520</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Schedule D-32
Witness: S. F. Anzaldo
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Adjustment - Payroll Taxes

Line #	Description	[1] Account Number	[2] Test Year 9/30/19 Present Rates	[3] Pro Forma Adjustments	[4] Increase in Payroll Taxes
1	Total Payroll Charged to Expense		<u>\$ 74,069</u>	<u>\$ 994</u>	
2	FICA Expense		<u>5,501</u>		
3	FICA Expense - Percent	L 2 / L 1	<u>7.43%</u>	<u>7.43%</u>	
4	Pro Forma FICA Expense on Pro Forma S&W	[4] L 1 * L 3			\$ 74
5	FUTA Expense		<u>50</u>		
6	FUTA Expense - Percent	L 5 / L 1	<u>0.07%</u>	<u>0.07%</u>	
7	Pro Forma FUTA Expense on Pro Forma S&W	[4] L 1 * L 6			1
8	SUTA Expense		<u>427</u>		
9	SUTA Expense - Percent	L 8 / L 1	<u>0.58%</u>	<u>0.58%</u>	
10	Pro Forma SUTA Expense on Pro Forma S&W	[4] L 1 * L 9			6
11	Pro Forma Adjustment	Sum L 4 to L 10			<u>\$ 81</u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-33
Witness: N. McKinney
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Line #	Description	[1] Factor Or Reference	[2] Element Or Amount	[3] Pro Forma Test Year At Present Rates	[4] Revenue Increase	[5] Pro Forma Test Year At Proposed Rates [3] + [4]
1	Revenue			\$ 790,619	\$ 33,342	\$ 823,961
2	Operating Expenses			(604,644)	(449)	(605,093)
3	OIBIT	L 1 + L 2		<u>185,975</u>	<u>32,893</u>	<u>218,868</u>
Interest Expense						
4	Rate Base	Sch A-1	2,109,448			
5	Weighted Cost of Debt	Sch B-7	<u>0.02090</u>			
6	Synchronized Interest Expense	L 4 * L 5		(44,087)	-	(44,087)
7	Base Taxable Income	L 3 + L 6		<u>141,888</u>	<u>32,893</u>	<u>174,781</u>
8	Total Tax Depreciation	Pg 2	\$ 210,583			
9	Pro Forma Book Depreciation	Pg 2	<u>100,212</u>			
10	State Tax Depreciation (Over) Under Book	L 9 - L 8		(110,371)		(110,371)
11	Other				-	-
12	State Taxable Income	Sum L 7 to L 11		<u>\$ 31,518</u>	<u>\$ 32,893</u>	<u>\$ 64,410</u>
13	State Income Tax (Expense)/Refund	L 12 * Rate [2]	9.99%	\$ (3,149)	\$ (3,286)	\$ (6,435)
14	Total Tax Depreciation	Pg 2	\$ 169,206			
15	Pro Forma Book Depreciation	Pg 2	<u>100,212</u>			
16	Federal Tax Deducts (Over) Under Book	L 14 - L 13		(68,994)	-	(68,994)
17	Other				-	-
18	Federal Taxable Income	L 7 + sum L 13 to L 17		<u>69,746</u>	<u>29,607</u>	<u>99,353</u>
19	Federal Income Tax (Expense)/Refund	-L 18 * Rate [2]	21.00%	(14,647)	(6,217)	(20,864)
20	Total Tax Expense before Deferred Income Tax	L 13 + L 19		<u>(17,796)</u>	<u>(9,503)</u>	<u>(27,299)</u>
Deferred Federal Income Taxes						
21	Total Straight Line Tax Depreciation	Pg 2	\$ 92,441			
22	Total Tax Depreciation	Pg 2	<u>160,633</u>			
23	Federal Tax Deducts (Over) Under Book	L 22 - L 21		68,192	-	68,192
24	Deferred Federal Taxable Income	L 23		<u>\$ 68,192</u>	<u>\$ -</u>	<u>\$ 68,192</u>
25	Federal Income Tax (Expense)/Refund	-L 24 * Rate [2]	Blended Rate ¹	(11,736)	-	(11,736)
Deferred State Income Taxes						
26	Repairs			(4,218)		(4,218)
27	CIAC			<u>417</u>		<u>417</u>
28	State Deferred Income Tax (Expense)/Refund			(3,801)	-	(3,801)
29	Net Income Tax Expense	L20 + L 25 + L28		(33,333)	(9,503)	(42,836)
Other Tax Adjustments						
30	ITC			318		318
31	Combined Income Tax Expense	L 29 + L 30		<u>\$ (33,015)</u>	<u>\$ (9,503)</u>	<u>\$ (42,518)</u>
32	Federal Income Tax Expense	L 19 + L 25 + L 30				\$ (32,282)
33	State Income Tax Expense	L 13 + L 28				<u>(10,236)</u>
34	Total Income Tax Expense	L 32 + L 33				<u>\$ (42,518)</u>

¹ Due to the 2018 Tax Cuts and Jobs Act, excess deferred income tax is now being flowed back to customers which results in a deferred tax rate other than 21%.

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Future Period - 12 Months Ended September 30, 2019
(\$ in Thousands)

Schedule D-34
Witness: N. McKinney
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Tax Depreciation				
Line #	Description	[1] Amount	[2] Amount	[3] Total
<u>Accelerated Tax Depreciation</u>				
1	Gas Plant		\$ 98,745	
2	Cost of Removal		8,573	
3	Repairs Tax Deduction		72,860	
4	Other Tax Basis Adjustments		<u>(10,972)</u>	
5	Total Federal Accelerated Tax Depreciation			<u>\$ 169,206</u>
6	Adjustment for PA Tax Depreciation - Bonus Decoupling		<u>41,377</u>	
7	Total State Accelerated Tax Depreciation			<u><u>\$210,583</u></u>
<u>Straight Line Tax Depreciation</u>				
8	Gas Plant		<u>\$ 92,441</u>	
9	Total Tax Depreciation			<u><u>\$ 92,441</u></u>
<u>Book Depreciation</u>				
10	Pro Forma Book Depreciation		\$ 92,441	
11	Net Salvage Amortization		9,617	
12	Depreciation Charged to Clearing Accounts	(6,111)		
13	Estimated Percent of Clearing Charged to CWIP	<u>30%</u>		
14	Depreciation Charged to CWIP		<u>(1,846)</u>	
15	Book Depreciation for Tax Calculation			<u><u>\$ 100,212</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-35
Witness: S. F. Anzaldo
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Gross Revenue Conversion Factor

Line #	Description	[1] Reference Or Factor	[2] Tax Rate	[3] Factor
<u>GROSS REVENUE CONVERSION FACTOR</u>				
1	GROSS REVENUE FACTOR			1.000000
2	UNCOLLECTIBLE EXPENSES			<u>(0.013480)</u>
3	NET REVENUES	Sum L 1 to L 2		0.986520
4	STATE INCOME TAXES	[3] L 3 * Rate [2]	9.9900%	<u>(0.098553)</u>
5	FACTOR AFTER STATE TAXES	L 3 + L 4		0.887967
6	FEDERAL INCOME TAXES	[3] L 5 * Rate [2]	21.00%	<u>(0.186473)</u>
7	NET OPERATING INCOME FACTOR	L 5 + L 6		<u>0.701494</u>
8	GROSS REVENUE CONVERSION FACTOR	1 / L 7		<u>1.425529</u>
9	Combined Income Tax Factor On Gross Revenues	-L 4 - L 6		<u>28.503%</u>

INCOME TAX FACTOR

10	GROSS REVENUE FACTOR			1.000000
11	STATE INCOME TAXES	[3] L 10 * Rate [2]	9.9900%	<u>(0.099900)</u>
12	FACTOR AFTER STATE TAXES	L 10 + L 11		0.900100
13	FEDERAL INCOME TAXES	[3] L 12 * Rate [2]	21.00%	<u>(0.189021)</u>
14	NET OPERATING INCOME FACTOR	L 12 + L 13		0.711079
15	GROSS REVENUE CONVERSION FACTOR	1 / L 14		<u>1.406314</u>
16	Combined Income Tax Factor On Taxable Income	-L 11 - L 13		<u>28.892%</u>

UGI GAS EXHIBIT A – HISTORIC

Historic Period - 12 Months Ended September 30, 2018
 (\$ in Thousands)
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<u>Schedule</u>		
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B-2	<u>Statement of Net Utility Operating Income</u>	S. F. Anzaldo
B-3	<u>Statement of Operating Revenues</u>	S. F. Anzaldo
B-4	<u>Operation and Maintenance Expenses</u>	S. F. Anzaldo
B-5	<u>Detail of Taxes</u>	S. F. Anzaldo
B-6	<u>Composite Cost of Debt</u>	P. R. Moul
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<u>Schedule</u>		
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C-2	<u>Pro Forma Gas Plant in Service</u>	M. Mattern
	<u>Pro Forma Plant Adjustment Summary</u>	M. Mattern
	<u>Pro Forma Year End Plant Balances</u>	M. Mattern
	<u>Additions to Plant</u>	M. Mattern
	<u>Retirements</u>	M. Mattern
C-3	<u>Accumulated Provision for Depreciation</u>	M. Mattern
	<u>Summary of Accumulated Depreciation</u>	M. Mattern
	<u>Accumulated Depreciation by FERC Account</u>	M. Mattern
	<u>Cost of Removal</u>	M. Mattern
	<u>Negative Net Salvage Amortization</u>	M. Mattern
	<u>Salvage</u>	M. Mattern
C-4	<u>Working Capital</u>	M. Mattern
	<u>Summary of Working Capital</u>	M. Mattern
	<u>Revenue Lag</u>	M. Mattern
	<u>Summary of Expense Lag Calculations</u>	M. Mattern
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C-5	<u>Gas Inventory</u>	M. Mattern
C-6	<u>Accumulated Deferred Income Taxes</u>	N. M. McKinney
C-7	<u>Customer Deposits</u>	M. Mattern
C-8	<u>Materials & Supplies</u>	M. Mattern
C-9	<u>SCHEDULE NOT USED</u>	N/A

Historic Period - 12 Months Ended September 30, 2018

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	<u>Description</u>	<u>Witness:</u>
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D-7	<u>Adjustment - Salaries & Wages</u>	S. F. Anzaldo
D-8	<u>SCHEDULE NOT USED</u>	N/A
D-9	<u>SCHEDULE NOT USED</u>	N/A
D-10	<u>SCHEDULE NOT USED</u>	N/A
D-11	<u>Adjustment - Uncollectibles</u>	M. Mattern
D-12	<u>SCHEDULE NOT USED</u>	N/A
D-13	<u>SCHEDULE NOT USED</u>	N/A
D-14	<u>SCHEDULE NOT USED</u>	N/A
D-15	<u>SCHEDULE NOT USED</u>	N/A
D-16	<u>SCHEDULE NOT USED</u>	N/A
D-17	<u>SCHEDULE NOT USED</u>	N/A
D-18	<u>SCHEDULE NOT USED</u>	N/A
D-19	<u>SCHEDULE NOT USED</u>	N/A
D-21	<u>Adjustment - Depreciation expense</u>	J.F. Weidmayer
D-31	<u>Adjustment - Taxes Other Than Income Taxes</u>	S. F. Anzaldo
D-32	<u>Adjustment - Payroll Taxes</u>	S. F. Anzaldo
D-33	<u>Income Tax Calculation</u>	N. McKinney
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UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule A-1
Witness: S. F. Anzaldo
Page 1 of 1

Summary of Measure of Value and Revenue Increase

Line #	Description	[1] Function	[2] Reference Section	[3] Pro Forma Test Year Ended September 30, 2018 At Present Rates	[4] Increase	[5] Proposed Rates
<u>RATE BASE</u>						
1	Utility Plant		C-2	\$ 3,271,426		\$ 3,271,426
2	Accumulated Depreciation		C-3	(961,630)		(961,630)
3	Net Plant in service	L 1 + L 2		2,309,796	-	2,309,796
4	Working Capital		C-4	42,043		42,043
5	Gas Inventory		C-5	25,736		25,736
6	Accumulated Deferred Income Taxes		C-6	(349,603)		(349,603)
7	Customer Deposits		C-7	(18,920)		(18,920)
8	Materials & Supplies		C-8	13,666		13,666
9	TOTAL RATE BASE	Sum L 3 to L 8		<u>\$ 2,022,718</u>	<u>\$ -</u>	<u>\$ 2,022,718</u>
<u>OPERATING REVENUES AND EXPENSES</u>						
<u>Operating Revenues</u>						
10	Base Customer Charges		D-5	\$ 523,056	\$ 13,629	\$ 536,685
11	Gas Cost Revenue		D-5	314,278		314,278
12	Other Operating Revenues		D-5	7,119		7,119
13	Total Revenues	Sum L 10 to L 12		<u>844,453</u>	<u>13,629</u>	<u>858,082</u>
14	Operating Expenses		D	<u>(631,956)</u>	<u>(184)</u>	<u>(632,139)</u>
15	OIBIT	L 13 + L 14		212,497	13,445	225,943
16	Pro Forma Income Tax at Present Rates		D-33	(50,310)		(54,618)
17	Pro Forma Income Tax on Revenue Increase		D-33		<u>(4,308)</u>	<u>(54,618)</u>
18	NET OPERATING INCOME	Sum L 15 to L 17		<u>\$ 162,187</u>	<u>\$ 9,137</u>	<u>\$ 171,325</u>
19	RATE OF RETURN	L 18 / L 9		<u>8.0183%</u>		<u>8.4700%</u>
<u>REVENUE INCREASE REQUIRED</u>						
20	Rate of Return at Present Rates	L 19, Col 3		8.0183%		
21	Rate of Return Required		B-7	<u>8.4700%</u>		
22	Change in ROR	L 21 - L 20		<u>0.4517%</u>		
23	Change in Operating Income	L 22 * L 9		\$ 9,137		
24	Gross Revenue Conversion Factor		D-35	<u>1.491613</u>		
25	Change in Revenues	L 23 * L 24		<u>\$ 13,629</u>		
26	Percent Increase -- Delivery Revenues	L 25 / L 10, C 4			<u>2.61%</u>	
27	Percent Increase -- Total Revenues	L 25 / L 13, C 4			<u>1.61%</u>	

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule B-1
Witness: M. Mattern
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Balance Sheet

[1]

Line No	Description/(Account No)	Actual TYE 9-30-18
	UTILITY PLANT (101 - 106, 108)	
1	Gas Utility Plant	\$ 3,287,301
2	Other Utility Plant	-
3	Total Plant In Service	<u>3,287,301</u>
4	Construction Work In Progress (107)	118,951
5	Total Utility Plant	<u>3,406,252</u>
6	Accumulated Provision for Depreciation - Gas (108)	-
7	Utility Acquisition Adjustment (114)	182,145
8	Accumulated Provision for Depreciation - Other (119)	(966,657)
9	Net Utility Plant	<u>2,621,740</u>
	OTHER PROPERTY INVESTMENTS	
10	Non-utility Property (121)	239
11	Accumulated Depreciation on NUP (122)	-
12	Investment in Associated & Subsidiary Companies (123.1)	-
13	Other Investments (124)	75
14	Total Other Property and Investments	<u>314</u>
	CURRENT AND ACCRUED ASSETS	
15	Cash & Other Temporary Investments(131-136)	(2,186)
16	Unbilled Revenues	-
17	Customer Accounts Receivable (142)	63,035
18	Other Accounts Receivable (143)	3,455
19	Accum Provision for Uncollectible (144)	(7,746)
20	Receivables from Associated Companies (145)	-
21	Accounts Receivable Assoc. Comp. (146)	11,938
22	Plant Materials & Operating Supplies (154)	-
23	Stores Expense - Undistributed (163)	1,777
24	Gas Stored - Current (164.1)	37,287
25	Liquefied Natural Gas stored (164.2)	-
26	Prepayments (165)	7,565
27	Accrued Utility Revenues (173)	9,906
28	Miscellaneous Current & Accrued Assets (174)	3,537
29	Derivative Instrument Assets (175)	-
30	Total Current and Accrued Assets	<u>128,568</u>
	DEFERRED DEBITS	
31	Unamortized Debt Expense (181)	4,468
32	Other Regulatory Assets (182.3)	244,109
33	Other Preliminary Survey & Investigation Charges (183.2)	3,426
34	Clearing Accounts (184)	1,013
35	Miscellaneous Deferred Debits (186)	10,742
36	Deferred Losses from Disposition of Utility Plant (187)	607
37	Unamortized Loss on Reacquired Debt (189)	-
38	Accumulated Deferred Income Taxes (190)	326,804
39	O/U Collected Gas (191.4, 191.41)	-
40	Total Deferred Debits	<u>591,169</u>
41	TOTAL ASSETS AND OTHER DEBITS	<u>\$ 3,341,791</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule B-1
Witness: M. Mattern
Page 2 of 2

Balance Sheet

[1]

Line No	Description/(Account No)	Actual TYE 9-30-18
PROPRIETARY CAPITAL		
42	Common Stock Issued (201)	\$ 50,731
43	Preferred Stock Issued (204)	-
44	Miscellaneous Paid-in-Capital (211)	1,323,359
45	Capital Stock Expense (214)	-
46	Retained Earnings (215, 215.2, 216)	(186,692)
47	Accum Other Comprehensive Income (219)	-
48	Total Proprietary Capital	1,187,398
LONG TERM DEBT		
49	Bonds (221)	-
50	Advances from Associated Companies (223)	-
51	Other Long-Term Debt (224)	777,329
52	Unamortized Premium on LTD (225)	-
53	Unamortized Discount on LTD (226)	-
54	Total Long-term Debt	777,329
OTHER NON-CURRENT LIABILITIES		
55	Obligations under Capital Leases (227)	3,717
56	Accum Prov - Injuries & Damages (228.2)	2,646
57	Accum Prov - Pensions & Benefits (228.3)	73,170
58	Accum. Miscellaneous Operating Prov (228.4)	47,864
59	Asset Retirement Obligation (230)	111
60	Total Non-Current Liabilities	127,508
CURRENT & ACCRUED LIABILITIES		
61	Notes Payable (231)	5,860
62	Accounts Payable (232)	65,934
63	Notes Payable to Assoc. Companies (233)	-
64	Accounts Payable to Assoc. Cos (234)	66,402
65	Customer Deposits (235)	18,920
66	Taxes Accrued (236)	(51,686)
67	Interest Accrued (237)	13,631
68	Tax Collections Payable (241)	1,099
69	Misc Current & Accrued Liabilities (242)	50,723
70	Obligations Under Capital Leases (243)	2,546
71	Derivative Instrument Liabilities (244)	-
72	Total Current & Accrued Liabilities	173,429
OTHER DEFERRED CREDITS		
73	Customer Advances for Construction (252)	-
74	Other Deferred Credits (253)	10,882
75	Other Regulatory Liabilities (254)	361,736
76	Deferred ITC (255)	2,631
77	Accumulated Deferred Income Taxes (282)	685,983
78	Accumulated Deferred Income Taxes (283)	14,895
79	Total Other Deferred Credits	1,076,127
80	TOTAL LIABILITIES & OTHER CREDITS	\$ 3,341,791

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule B-2
Witness: S. F. Anzaldo
Page 1 of 1

Statement of Net Utility Operating Income

Line No	Description	[1] Actual TYE 9-30-18	[2] Reference
	Total Operating Revenues		
1	Total Sales Revenues	\$ 895,670	B-3
2	Other Operating Revenues	7,119	B-3
3	Total Revenues	902,789	
	Total Operating Expenses		
4	Operation & Maintenance Expenses	572,584	B-4 & D-2
5	Depreciation & Amortization Expense	80,125	D-21
6	Taxes Other Than Income Taxes	7,083	B-5
7	Total Operating Expenses	659,792	
8	Operating Income Before Income Taxes (OIBIT)	242,997	
	Income Taxes:		
9	State	12,350	B-5
10	Federal	38,278	B-5
11	Total Income Taxes	50,628	
12	Net Utility Operating Income	\$ 192,370	

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule B-3
Witness: S. F. Anzaldo
Page 1 of 1

Statement of Operating Revenues

[1]

Line No	Description	Actual TYE 9-30-18
Gas Operating Revenues		
1	Residential (R/RT) (480)	\$ 530,091
2	Comm & Ind (N/NT) (481)	215,677
3	Comm & Ind (DS) (489)	47,695
4	Lg Transport/Other (489)	74,525
5	Interruptible (489)	<u>27,682</u>
6	Sub-Total Gas Operating Revenues	895,670
Other Operating Revenues		
7	Forfeited Discounts (487)	5,927
8	Miscellaneous Service Revenues (488)	817
9	Rent from Gas Properties (493)	319
10	Other Revenues (495)	<u>56</u>
11	Sub-Total Other Operating Revenues	<u>7,119</u>
12	Total Operating Revenues	<u><u>\$ 902,789</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule B-4
Witness: S. F. Anzaldo
Page 1 of 3

Operation and Maintenance Expenses

Line No	Description	Account No	[1] Actual TYE 9-30-18
Gas Raw Materials			
1	Liquefied Petroleum Gas Expenses	717	\$ -
2	Miscellaneous Production Expenses	735	3,935
3	Total Gas Raw Materials Expenses		<u>3,935</u>
Production and Gathering - Operations			
4	Operating Supervision and Engineering	750	-
5	Production Maps and Records	751	-
6	Gas Wells Expenses	752	-
7	Field Lines Expenses	753	-
8	Gas Well Royalties	758	-
9	Other Expenses	759	-
10	Total Production & Gathering Operation Expenses		<u>-</u>
Production and Gathering - Maintenance			
11	Maintenance of Producing Gas Wells	763	-
12	Maintenance of Field Lines	764	-
13	Maintenance of Field Measuring and Reg. Station Equip.	766	-
14	Gas Supply Operation Expenses		<u>-</u>
Other Gas Supply Expense - Operations			
15	Natural Gas City Gate Purchases	804.0	334,713
16	Other Gas Purchases	805.0	592
17	Purchases Gas Cost Adjustments	805.1	(32,164)
18	Gas Withdrawn from Storage-Debit	808.1	49,812
19	Purchased Gas Expenses	807.0	110
20	Gas Used for Other Utility Operations-Credit	812.0	(841)
21	Gas Delivered to Storage-Credit	808.2	(46,253)
22	Other Gas Supply Expenses	813.0	34,985
23	Gas Supply Operation Expenses		<u>340,954</u>
Underground Storage Expense - Operation			
24	Operation Supervision and Engineering	814	-
25	Maps and Records	815	-
26	Wells Expenses	816	-
27	Lines Expenses	817	-
28	Measuring and Regulating Station Expenses	820	-
29	Purification Expenses	821	-
30	Gas Losses	823	-
31	Other Expenses	824	-
32	Total Underground Storage Expenses		<u>-</u>
Underground Storage Expense - Maintenance			
33	Maintenance Supervision and Engineering	830	-
34	Maintenance of Structures and Improvements	831	-
35	Maintenance of Reservoirs and Wells	832	-
36	Maintenance of Lines	833	-
37	Maintenance of Measuring & Regulating Station Equip.	835	-
38	Total Underground Maintenance Expenses		<u>-</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule B-4
Witness: S. F. Anzaldo
Page 2 of 3

Operation and Maintenance Expenses

Line No	Description	Account No	[1] Actual TYE 9-30-18
Transmission Expense - Operations			
39	Operating Supervision and Engineering	850	-
40	System Control and Load Dispatching	851	-
41	Communication System Expenses	852	-
42	Mains Expenses	856	-
43	Measuring and Regulating Station Expenses	857	-
44	Other Expenses	859	-
45	Total Transmission Operation Expenses		-
Transmission Expense - Maintenance			
46	Maintenance Supervision and Engineering	861	-
47	Maintenance of Structures and Improvements	862	-
48	Maintenance of Mains	863	-
49	Maintenance of Measuring and Regulating Station Equip.	865	-
50	Maintenance of Communication Equipment	866	-
51	Total Transmission Maintenance Expenses		-
Distribution Expense - Operations			
52	Operation Supervision and Engineering	870	6,847
53	Distribution Load Dispatching	871	1,235
54	Compressor Station Fuel and Power (Major Only)	873	-
55	Mains and Services Expenses	874	19,586
56	Measuring and Regulating Station Expenses-General	875	2,024
57	Measuring and Regulating Station Expenses-Industrial	876	366
58	Measuring and Regulating Station Expenses-City Gate	877	611
59	Meter and House Regulator Expenses	878	3,261
60	Customer Installations Expenses	879	2,102
61	Other Expenses	880	5,191
62	Rents	881	363
63	Total Distribution Operation Expenses		41,586
Distribution Expense - Maintenance			
64	Maintenance Supervision and Engineering	885	1,761
65	Maintenance of Structures and Improvements	886	74
66	Maintenance of Mains	887	16,831
67	Maintenance of Compressor Station Equipment	888	-
68	Maintenance of Measuring & Reg. Station Equip.-Genl.	889	1,361
69	Maintenance of Measuring & Reg. Station Equip.-Indtrl.	890	1,077
70	Maintenance of Measuring & Reg. Station Equip.-City G	891	1,361
71	Maintenance of Services	892	4,937
72	Maintenance of Meters & House Regulators	893	1,462
73	Maintenance of Other Equipment	894	847
74	Construction & Maintenance	895	-
75	Total Distribution Maintenance Expenses		29,712
Customer Accounts Expense - Operations			
76	Supervision	901	717
77	Meter Reading Expenses	902	2,262
78	Customer Records & Collection Expenses	903	31,217
79	Uncollectable Accounts	904	15,601
80	Miscellaneous Customer Accounts Expenses	905	2,181
81	Total Administrative & General		51,978

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule B-4
Witness: S. F. Anzaldo
Page 3 of 3

Operation and Maintenance Expenses

Line No	Description	Account No	[1] Actual TYE 9-30-18
Customer Service & Information Expense			
82	Supervision	907	198
83	Customer Assistance Expenses	908	1,427
84	Informational & Instructional Advertising Expenses	909	1,153
85	Miscellaneous Customer Service & Informational Exp.	910	5,971
86	Total Cust. Service & Inform. Operations Exp		<u>8,748</u>
87	Description		
Sales Expense			
88	Supervision	911	62
89	Demonstrating and Selling Expenses	912	1,318
90	Advertising Expenses	913	998
91	Miscellaneous Sales Expenses	916	42
92	Total Operation Sales Expenses		<u>2,420</u>
Administrative & General - Operations			
93	Administrative and General Salaries	920.0	18,702
94	Office Supplies and Expenses	921.0	19,782
95	Outside Service Employed	923.0	17,869
96	Property Insurance	924.0	-
97	Injuries and Damages	925.0	9,376
98	Employee Pensions and Benefits	926.0	17,297
99	Regulatory Commission Expenses	928.0	764
100	General Advertising Expenses	930.1	762
101	Miscellaneous General Expenses	930.2	3,901
102	Rents	931.0	1,023
103	Total A & G Operation Expenses		<u>89,474</u>
Administrative & General - Maintenance			
104	Maintenance of General Plant	932	3,704
105	Maintenance of General Plant	935	72
106	Total A & G Maintenance Expenses		<u>3,776</u>
107	TOTAL OPERATION & MAINTENANCE EXPENSE		<u>\$ 572,584</u>
108	Total Gas Operation Expenses		539,096
109	Total Gas Maintenance Expense		33,488
110	TOTAL OPERATION & MAINTENANCE EXPENSE		<u>\$ 572,584</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule B-5
Witness: S. F. Anzaldo
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Detail of Taxes

[1]

Line No	Description	Reference	Actual TYE 9-30-18
Taxes Other Than Income Taxes			
Non-revenue related:			
1	Pennsylvania - PURTA	D-31	\$ 862
2	Capital Stock	D-31	-
3	PA and Local Use taxes	D-31	(175)
4	Miscellaneous Taxes	D-31	3,007
5	Subtotal		<u>3,694</u>
Payroll Taxes			
6	FICA	D-31	2,958
7	SUTA	D-31	367
8	FUTA	D-31	64
9	Other		-
10	Subtotal		<u>3,389</u>
11	Total Taxes Other Than Income Taxes		<u>\$ 7,083</u>
Income Taxes			
12	State		\$ 12,350
13	Federal		38,278
14	Total Income Taxes		<u>\$ 50,628</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Composite Cost of Debt

Line No	Description	[1] Amount Outstanding	[2] Percent to Total	[3] Effective Interest Rate	[4] Average Weighted Cost Rate [2] * [3]
Medium Term Notes					
1	6.500% Due 8/15/2033	\$ 20,000	2.39%	6.56%	0.16%
2	6.133% Due 10/15/2034	20,000	2.39%	6.19%	0.15%
Senior Unsecured Notes					
3	6.206% Due 9/30/2036	100,000	11.97%	6.32%	0.76%
4	4.980% Due 3/26/2044	175,000	20.95%	5.00%	1.05%
5	2.950% Due 6/30/2026	100,000	11.97%	3.92%	0.47%
6	4.120% Due 9/30/2046	200,000	23.94%	5.01%	1.20%
7	4.120% Due 10/31/2046	100,000	11.97%	4.28%	0.51%
8	2.998% Due 10/31/2022	120,313	14.40%	3.11%	0.45%
9	Total Long-Term Debt	\$ 835,313	<u>100.00%</u>		<u>4.75%</u>
10	Total Long-Term Debt	\$ 835,313	100.00%	4.75%	4.75%
11	Total Short-Term Debt		0.00%		0.00%
12	TOTAL	<u>\$ 835,313</u>	<u>100.00%</u>		
13	Weighted Cost of Debt				<u>4.75%</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule B-7
Witness: P. R. Moul
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Rate of Return

<u>Line No</u>	<u>Description</u>	[1] <u>Capitalization Ratio</u>	[2] <u>Embedded Cost</u>	[3] <u>Statement Reference</u>	[4] <u>Return-%</u>
1	Long-Term Debt	42.86%	4.75%	B-6	2.04%
2	Short-Term Debt	0.00%	0.00%	B-6	0.00%
3	Common Equity	<u>57.14%</u>	11.25%		<u>6.43%</u>
4	Total	<u><u>100.00%</u></u>			<u><u>8.47%</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule C-1
Witness: M. Mattern
Page 1 of 1

Measure of Value

[1]	[2]	[3]	[4]	[5]	[6]	
Line #	Description	Reference Schedule	# of Pages	Pro Forma Test Year Ended September 30, 2018 At		
				Present Rates	Adjustments	Proposed Rates
MEASURE OF VALUE						
1	Utility Plant	C-2	9	\$ 3,271,426		\$ 3,271,426
2	Accumulated Depreciation	C-3	11	(961,630)		(961,630)
3	Net Plant in service			2,309,796	-	2,309,796
4	Working Capital	C-4	9	42,043		42,043
5	Gas Inventory	C-5	1	25,736		25,736
6	Accumulated Deferred Income Taxes	C-6	1	(349,603)		(349,603)
7	Customer Deposits	C-7	1	(18,920)		(18,920)
8	Materials & Supplies	C-8	1	13,666		13,666
9	TOTAL MEASURE OF VALUE			<u>\$ 2,022,718</u>	<u>\$ -</u>	<u>\$ 2,022,718</u>

Pro Forma Gas Plant in Service

Line No	Description	[1] Account No	[2] Pro Forma FTY 9-30-18
INTANGIBLE PLANT			
1	Organization	301	\$ 294
2	Franchise & Consent	302	193
3	Miscellaneous Intangible Plant	303	290
4	TOTAL INTANGIBLE		<u>777</u>
NATURAL GAS PRODUCTION & GATHERING			
5	Producing Lands	325	13
6	Producing Leaseholds	325	163
7	Rights of Way	325	30
8	Other Land Rights	326	1
9	Field Measuring & Regulating Station Structures	328	1
10	Other Structures	329	45
11	Producing Gas Wells-Well Construction	330	18
12	Producing Gas Wells-Well Equipment	331	24
13	Field Lines	332	751
14	Field Measuring & Reg. Station Equipment	334	90
15	Drilling & Cleaning Equipment	335	50
16	Other Equipment	337	11
17	TOTAL PRODUCTION & GATHERING		<u>1,197</u>
NATURAL GAS STORAGE & PROCESSING PLANT			
18	Land & Land Rights	304	382
19	Production Plant-Manufactured Gas Plants	305	-
20	Land	350	-
21	Rights of Way	350	-
22	Structures & Improvements	351	-
23	Wells	352	-
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		<u>382</u>

UGI Utilities, Inc. - Gas Division (Combined)
 Before the Pennsylvania Public Utility Commission
 Historic Period - 12 Months Ended September 30, 2018
 (\$ in Thousands)

Pro Forma Gas Plant in Service

Line No	Description	[1] Account No	[2] Pro Forma FTY 9-30-18
TRANSMISSION PLANT			
30	Land & Land Rights	365.1	\$ 47
31	Rights of Way	365.2	868
32	Structures & Improvements	366	151
33	Mains	367	38,518
34	Measuring & Regulating Station Equipment	369	6,148
35	Communication Equipment	370	3,486
36	Other Equipment	371	351
37	TOTAL TRANSMISSION		<u>49,569</u>
DISTRIBUTION PLANT			
38	Land & Land Rights	374	10,437
39	Structures & Improvements	375	5,299
40	Mains	376	1,542,957
41	Measuring & Regulating Station Equipment	378	83,317
42	Measuring & Regulating Station Equipment	379	20,457
43	Services	380	1,013,003
44	Meters	381	134,751
45	Meter Installations	382	84,083
46	House Regulators	383	9,894
47	House Regulatory Installations	384	17,417
48	Industrial Measuring & Reg. Station Equipment	385	33,099
49	Other Property	386	1,315
50	Other Equipment	387	5,558
51	TOTAL DISTRIBUTION		<u>2,961,587</u>
GENERAL PLANT			
52	Land & Land Rights	389	9,675
53	Structures & Improvements	390	65,191
54	Office Furniture & Equipment	391	125,743
55	Transportation Equipment	392	25,940
56	Stores Equipment	393	22
57	Tools & Garage Equipment	394	25,130
58	Laboratory Equipment	395	430
59	Power Operated Equipment	396	1,369
60	Communication Equipment	397	2,177
61	Miscellaneous Equipment	398	2,221
62	Other Tangible Property	399	16
63	TOTAL GENERAL		<u>257,914</u>
64	Total Plant		<u>\$ 3,271,426</u>

Pro Forma Plant Adjustment Summary

Line #	Description	[1] Factor Or Reference	[2] Pro Forma Test Year 9/30/18	[3] Adjustments	[4] Pro Forma Test Year [2] + [3]
1	Intangible Plant	Sch C-2, Pg 4	\$ 777	\$ -	\$ 777
2	Natural Gas Production & Gathering	Sch C-2, Pg 4	1,197	-	1,197
3	Natural Gas Storage & Processing Plant	Sch C-2, Pg 4	382	-	382
4	Transmission Plant	Sch C-2, Page 5	49,569	-	49,569
5	Distribution Plant	Sch C-2, Page 5	2,961,587	-	2,961,587
6	General Plant	Sch C-2, Page 5	257,914	-	257,914
7	Other Plant		-	-	-
8	Total Utility Plant		<u>\$ 3,271,426</u>	<u>\$ -</u>	<u>\$ 3,271,426</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Pro Forma Year End Plant Balances

Line #	Description	[1] Account Number	[2] Pro Forma Year 2018	[3] Pro Forma Adjustment	[4] Balance
INTANGIBLE PLANT					
1	Organization	301	\$ 294		\$ 294
2	Franchise & Consent	302	193		193
3	Miscellaneous Intangible Plant	303	290		290
4	TOTAL INTANGIBLE		<u>777</u>	<u>-</u>	<u>777</u>
NATURAL GAS PRODUCTION & GATHERING					
5	Producing Lands	325.1	13	-	13
6	Producing Leaseholds	325.2	163	-	163
7	Rights of Way	325.4	30	-	30
8	Other Land Rights	325.5	1	-	1
9	Field Measuring & Regulating Station Structures	328	1	-	1
10	Other Structures	329	45	-	45
11	Producing Gas Wells-Well Construction	330	18	-	18
12	Producing Gas Wells-Well Equipment	331	24	-	24
13	Field Lines	332	751	-	751
14	Field Measuring & Reg. Station Equipment	334	90	-	90
15	Drilling & Cleaning Equipment	335	50	-	50
16	Other Equipment	337	11	-	11
17	TOTAL PRODUCTION & GATHERING		<u>1,197</u>	<u>-</u>	<u>1,197</u>
NATURAL GAS STORAGE & PROCESSING PLANT					
18	Land & Land Rights	304	382	-	382
19	Production Plant-Manufactured Gas Plants	305	-	-	-
20	Land	350.1	-	-	-
21	Rights of Way	350.2	-	-	-
22	Structures & Improvements	351	-	-	-
23	Wells	352	-	-	-
24	Lines	353	-	-	-
25	Compressor Station Equipment	354	-	-	-
26	Measuring & Regulating Equipment	355	-	-	-
27	Purification Equipment	356	-	-	-
28	Other Equipment	357	-	-	-
29	TOTAL STORAGE & PROCESSING		<u>382</u>	<u>-</u>	<u>382</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Pro Forma Year End Plant Balances

Line #	Description	[1] Account Number	[2] Pro Forma Year 2018	[3] Pro Forma Adjustment	[4] Balance
TRANSMISSION PLANT					
30	Land & Land Rights	365.1	47	-	47
31	Rights of Way	365.2	868	-	868
32	Structures & Improvements	366	151	-	151
33	Mains	367	38,518	-	38,518
34	Measuring & Regulating Station Equipment	369	6,148	-	6,148
35	Communication Equipment	370	3,486	-	3,486
36	Other Equipment	371	351	-	351
37	TOTAL TRANSMISSION		49,569	-	49,569
DISTRIBUTION PLANT					
38	Land & Land Rights	374	10,437		10,437
39	Structures & Improvements	375	5,299		5,299
40	Mains	376	1,542,957		1,542,957
41	Measuring & Regulating Station Equipment	378	83,317		83,317
42	Measuring & Regulating Station Equipment	379	20,457		20,457
43	Services	380	1,013,003		1,013,003
44	Meters	381	134,751		134,751
45	Meter Installations	382	84,083		84,083
46	House Regulators	383	9,894		9,894
47	House Regulatory Installations	384	17,417		17,417
48	Industrial Measuring & Reg. Station Equipment	385	33,099		33,099
49	Other Property	386	1,315		1,315
50	Other Equipment	387	5,558		5,558
51	TOTAL DISTRIBUTION		2,961,587	-	2,961,587
GENERAL PLANT					
52	Land & Land Rights	389	9,675		9,675
53	Structures & Improvements	390	65,191		65,191
54	Office Furniture & Equipment	391	125,743		125,743
55	Transportation Equipment	392	25,940		25,940
56	Stores Equipment	393	22		22
57	Tools & Garage Equipment	394	25,130		25,130
58	Laboratory Equipment	395	430		430
59	Power Operated Equipment	396	1,369		1,369
60	Communication Equipment	397	2,177		2,177
61	Miscellaneous Equipment	398	2,221		2,221
62	Other Tangible Property	399	16		16
63	TOTAL GENERAL		257,914	-	257,914
64	Total Plant		\$ 3,271,426	\$ -	\$ 3,271,426

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Additions to Plant

Line #	Description	[1] Account Number	[2] Pro Forma Year 2018
Plant Additions			
INTANGIBLE PLANT			
1	Organization	301	\$ -
2	Franchise & Consent	302	-
3	Miscellaneous Intangible Plant	303	-
4	TOTAL INTANGIBLE		<u>-</u>
NATURAL GAS PRODUCTION & GATHERING			
5	Producing Lands	325.1	-
6	Producing Leaseholds	325.2	-
7	Rights of Way	325.4	-
8	Other Land Rights	325.5	-
9	Field Measuring & Regulating Station Structures	328	-
10	Other Structures	329	-
11	Producing Gas Wells-Well Construction	330	-
12	Producing Gas Wells-Well Equipment	331	-
13	Field Lines	332	-
14	Field Measuring & Reg. Station Equipment	334	-
15	Drilling & Cleaning Equipment	335	-
16	Other Equipment	337	-
17	TOTAL PRODUCTION & GATHERING		<u>-</u>
NATURAL GAS STORAGE & PROCESSING PLANT			
18	Land & Land Rights	304	-
19	Production Plant-Manufactured Gas Plants	305	-
20	Land	350.1	-
21	Rights of Way	350.2	-
22	Structures & Improvements	351	55
23	Wells	352	-
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		<u>55</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Additions to Plant

Line #	Description	[1] Account Number	[2] Pro Forma Year 2018
TRANSMISSION PLANT			
30	Land & Land Rights	365.1	-
31	Rights of Way	365.2	-
32	Structures & Improvements	366	-
33	Mains	367	-
34	Measuring & Regulating Station Equipment	369	-
35	Communication Equipment	370	-
36	Other Equipment	371	-
37	TOTAL TRANSMISSION		<u>-</u>
DISTRIBUTION PLANT			
38	Land & Land Rights	374	252
39	Structures & Improvements	375	183
40	Mains	376	174,604
41	Measuring & Regulating Station Equipment	378	18,613
42	Measuring & Regulating Station Equipment	379	32
43	Services	380	75,431
44	Meters	381	6,139
45	Meter Installations	382	4,622
46	House Regulators	383	164
47	House Regulatory Installations	384	946
48	Industrial Measuring & Reg. Station Equipment	385	1,395
49	Other Property	386	6
50	Other Equipment	387	181
51	TOTAL DISTRIBUTION		<u>282,568</u>
GENERAL PLANT			
52	Land & Land Rights	389	(25)
53	Structures & Improvements	390	3,796
54	Office Furniture & Equipment	391	15,295
55	Transportation Equipment	392	5,319
56	Stores Equipment	393	10
57	Tools & Garage Equipment	394	1,805
58	Laboratory Equipment	395	95
59	Power Operated Equipment	396	221
60	Communication Equipment	397	713
61	Miscellaneous Equipment	398	28
62	Other Tangible Property	399	-
63	TOTAL GENERAL		<u>27,257</u>
64	Total Plant		<u>\$ 309,880</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule C-2
Witness: M. Mattern
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Retirements

Line #	Description	[1] Account Number	[2] Pro Forma Year 2018
INTANGIBLE PLANT			
1	Organization	301	\$ -
2	Franchise & Consent	302	-
3	Miscellaneous Intangible Plant	303	-
4	TOTAL INTANGIBLE		-
NATURAL GAS PRODUCTION & GATHERING			
5	Producing Lands	325.1	-
6	Producing Leaseholds	325.2	-
7	Rights of Way	325.4	-
8	Other Land Rights	325.5	-
9	Field Measuring & Regulating Station Structures	328	-
10	Other Structures	329	-
11	Producing Gas Wells-Well Construction	330	-
12	Producing Gas Wells-Well Equipment	331	-
13	Field Lines	332	-
14	Field Measuring & Reg. Station Equipment	334	-
15	Drilling & Cleaning Equipment	335	-
16	Other Equipment	337	-
17	TOTAL PRODUCTION & GATHERING		-
NATURAL GAS STORAGE & PROCESSING PLANT			
18	Land & Land Rights	304	-
19	Production Plant-Manufactured Gas Plants	305	-
20	Land	350.1	-
21	Rights of Way	350.2	-
22	Structures & Improvements	351	-
23	Wells	352	-
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		-

UGI Utilities, Inc. - Gas Division (Combined)
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Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

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Witness: M. Mattern
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Retirements

Line #	Description	[1] Account Number	[2] Pro Forma Year 2018
TRANSMISSION PLANT			
30	Land & Land Rights	365.1	-
31	Rights of Way	365.2	-
32	Structures & Improvements	366	-
33	Mains	367	-
34	Measuring & Regulating Station Equipment	369	-
35	Communication Equipment	370	-
36	Other Equipment	371	-
37	TOTAL TRANSMISSION		<u>-</u>
DISTRIBUTION PLANT			
38	Land & Land Rights	374	-
39	Structures & Improvements	375	4
40	Mains	376	7,446
41	Measuring & Regulating Station Equipment	378	2,640
42	Measuring & Regulating Station Equipment	379	1,602
43	Services	380	6,754
44	Meters	381	751
45	Meter Installations	382	77
46	House Regulators	383	-
47	House Regulatory Installations	384	-
48	Industrial Measuring & Reg. Station Equipment	385	106
49	Other Property	386	-
50	Other Equipment	387	-
51	TOTAL DISTRIBUTION		<u>19,380</u>
GENERAL PLANT			
52	Land & Land Rights	389	-
53	Structures & Improvements	390	38
54	Office Furniture & Equipment	391	1,317
55	Transportation Equipment	392	597
56	Stores Equipment	393	-
57	Tools & Garage Equipment	394	503
58	Laboratory Equipment	395	4
59	Power Operated Equipment	396	2,536
60	Communication Equipment	397	328
61	Miscellaneous Equipment	398	17
62	Other Tangible Property	399	-
63	TOTAL GENERAL		<u>5,340</u>
64	Total Plant		<u>\$ 24,720</u>

UGI Utilities, Inc. - Gas Division (Combined)
 Before the Pennsylvania Public Utility Commission
 Historic Period - 12 Months Ended September 30, 2018
 (\$ in Thousands)

Schedule C-3
 Witness: M. Mattern
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Accumulated Provision for Depreciation

Line No	Description	[1]	[2]
		Account No	Pro Forma FTY 9-30-18
	INTANGIBLE PLANT		
1	Organization	301	\$ -
2	Franchise & Consent	302	-
3	Miscellaneous Intangible Plant	303	-
4	TOTAL INTANGIBLE		<u>-</u>
	NATURAL GAS PRODUCTION & GATHERING		
5	Producing Lands	325	-
6	Producing Leaseholds	325	162
7	Rights of Way	325	30
8	Other Land Rights	326	-
9	Field Measuring & Regulating Station Structures	328	1
10	Other Structures	329	45
11	Producing Gas Wells-Well Construction	330	168
12	Producing Gas Wells-Well Equipment	331	74
13	Field Lines	332	722
14	Field Measuring & Reg. Station Equipment	334	54
15	Drilling & Cleaning Equipment	335	49
16	Other Equipment	337	11
17	TOTAL PRODUCTION & GATHERING		<u>1,316</u>
	NATURAL GAS STORAGE & PROCESSING PLANT		
18	Land & Land Rights	304	-
19	Production Plant-Manufactured Gas Plants	305	(421)
20	Land	350	-
21	Rights of Way	350	-
22	Structures & Improvements	351	-
23	Wells	352	(295)
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		<u>(716)</u>

Accumulated Provision for Depreciation

Line No	Description	[1]	[2]
		Account No	Pro Forma FTY 9-30-18
	TRANSMISSION PLANT		
30	Land & Land Rights	365	-
31	Rights of Way	365	488
32	Structures & Improvements	366	137
33	Mains	367	20,046
34	Measuring & Regulating Station Equipment	369	3,573
35	Communication Equipment	370	1,623
36	Other Equipment	371	253
37	TOTAL TRANSMISSION		<u>26,119</u>
	DISTRIBUTION PLANT		
38	Land & Land Rights	374	1,188
39	Structures & Improvements	375	2,903
40	Mains	376	382,380
41	Measuring & Regulating Station Equipment	378	18,241
42	Measuring & Regulating Station Equipment	379	6,298
43	Services	380	309,539
44	Meters	381	61,464
45	Meter Installations	382	27,802
46	House Regulators	383	1,060
47	House Regulatory Installations	384	7,748
48	Industrial Measuring & Reg. Station Equipment	385	14,405
49	Other Property	386	766
50	Other Equipment	387	3,980
51	TOTAL DISTRIBUTION		<u>837,774</u>
	GENERAL PLANT		
52	Land & Land Rights	389	-
53	Structures & Improvements	390	31,653
54	Office Furniture & Equipment	391	39,971
55	Transportation Equipment	392	13,272
56	Stores Equipment	393	6
57	Tools & Garage Equipment	394	9,158
58	Laboratory Equipment	395	24
59	Power Operated Equipment	396	644
60	Communication Equipment	397	1,387
61	Miscellaneous Equipment	398	1,006
62	Other Tangible Property	399	16
63	TOTAL GENERAL		<u>97,137</u>
64	Total Plant		<u>\$ 961,630</u>

UGI Utilities, Inc. - Gas Division (Combined)
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Summary of Accumulated Depreciation

Line #	Description	[1]	[2]	[3]	[4]
		Factor Or Reference	Test Year Ended September 30, 2018 Amount	Pro Forma Adjustment	Balance
1	Intangible Plant	Sch C-3, Pg 4	\$ -	\$ -	\$ -
2	Natural Gas Production & Gathering	Sch C-3, Pg 4	1,316	-	1,316
3	Natural Gas Storage & Processing Plant	Sch C-3, Pg 4	(716)	-	(716)
4	Transmission Plant	Sch C-3, Pg 5	26,119	-	26,119
5	Distribution Plant	Sch C-3, Pg 5	837,774	-	837,774
6	General Plant	Sch C-3, Pg 5	97,137	-	97,137
7	Other Plant		-	-	-
8	TOTAL ACC DEPR & AMORTIZATION		<u>\$ 961,630</u>	<u>\$ -</u>	<u>\$ 961,630</u>

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Accumulated Depreciation by FERC Account

Line #	Description	[1] Account Number	[2] 2018	[3] Pro Forma Adjustment	[4] Balance
INTANGIBLE PLANT					
1	Organization	301	\$ -	\$ -	
2	Franchise & Consent	302	-	-	-
3	Miscellaneous Intangible Plant	303	-	-	-
4	TOTAL INTANGIBLE		<u>-</u>	<u>-</u>	<u>-</u>
NATURAL GAS PRODUCTION & GATHERING					
5	Producing Lands	325.1	-	-	-
6	Producing Leaseholds	325.2	162	-	162
7	Rights of Way	325.4	30	-	30
8	Other Land Rights	325.5	-	-	-
9	Field Measuring & Regulating Station Structures	328	1	-	1
10	Other Structures	329	45	-	45
11	Producing Gas Wells-Well Construction	330	168	-	168
12	Producing Gas Wells-Well Equipment	331	74	-	74
13	Field Lines	332	722	-	722
14	Field Measuring & Reg. Station Equipment	334	54	-	54
15	Drilling & Cleaning Equipment	335	49	-	49
16	Other Equipment	337	11	-	11
17	TOTAL PRODUCTION & GATHERING		<u>1,316</u>	<u>-</u>	<u>1,316</u>
NATURAL GAS STORAGE & PROCESSING PLANT					
18	Land & Land Rights	304	-	-	-
19	Production Plant-Manufactured Gas Plants	305	(421)	-	(421)
20	Land	350.1	-	-	-
21	Rights of Way	350.2	-	-	-
22	Structures & Improvements	351	-	-	-
23	Wells	352	(295)	-	(295)
24	Lines	353	-	-	-
25	Compressor Station Equipment	354	-	-	-
26	Measuring & Regulating Equipment	355	-	-	-
27	Purification Equipment	356	-	-	-
28	Other Equipment	357	-	-	-
29	TOTAL STORAGE & PROCESSING		<u>(716)</u>	<u>-</u>	<u>(716)</u>

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Accumulated Depreciation by FERC Account

Line #	Description	[1] Account Number	[2] 2018	[3] Pro Forma Adjustment	[4] Balance
TRANSMISSION PLANT					
30	Land & Land Rights	365.1	-	-	-
31	Rights of Way	365.2	488	-	488
32	Structures & Improvements	366	137	-	137
33	Mains	367	20,046	-	20,046
34	Measuring & Regulating Station Equipment	369	3,573	-	3,573
35	Communication Equipment	370	1,623	-	1,623
36	Other Equipment	371	253	-	253
37	TOTAL TRANSMISSION		26,119	-	26,119
DISTRIBUTION PLANT					
38	Land & Land Rights	374	1,188	-	1,188
39	Structures & Improvements	375	2,903	-	2,903
40	Mains	376	382,380	-	382,380
41	Measuring & Regulating Station Equipment	378	18,241	-	18,241
42	Measuring & Regulating Station Equipment	379	6,298	-	6,298
43	Services	380	309,539	-	309,539
44	Meters	381	61,464	-	61,464
45	Meter Installations	382	27,802	-	27,802
46	House Regulators	383	1,060	-	1,060
47	House Regulatory Installations	384	7,748	-	7,748
48	Industrial Measuring & Reg. Station Equipment	385	14,405	-	14,405
49	Other Property	386	766	-	766
50	Other Equipment	387	3,980	-	3,980
51	TOTAL DISTRIBUTION		837,774	-	837,774
GENERAL PLANT					
52	Land & Land Rights	389	-	-	-
53	Structures & Improvements	390	31,653	-	31,653
54	Office Furniture & Equipment	391	39,971	-	39,971
55	Transportation Equipment	392	13,272	-	13,272
56	Stores Equipment	393	6	-	6
57	Tools & Garage Equipment	394	9,158	-	9,158
58	Laboratory Equipment	395	24	-	24
59	Power Operated Equipment	396	644	-	644
60	Communication Equipment	397	1,387	-	1,387
61	Miscellaneous Equipment	398	1,006	-	1,006
62	Other Tangible Property	399	16	-	16
63	TOTAL GENERAL		97,137	-	97,137
64	Total Plant		\$ 961,630	\$ -	\$ 961,630

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Cost of Removal

Line #	Description	[1] Account Number	[2] 2018
<u>INTANGIBLE PLANT</u>			
1	Organization	301	
2	Franchise & Consent	302	-
3	Miscellaneous Intangible Plant	303	-
4	TOTAL INTANGIBLE		-
<u>NATURAL GAS PRODUCTION & GATHERING</u>			
5	Producing Lands	325.1	-
6	Producing Leaseholds	325.2	-
7	Rights of Way	325.4	-
8	Other Land Rights	325.5	-
9	Field Measuring & Regulating Station Structures	328	-
10	Other Structures	329	-
11	Producing Gas Wells-Well Construction	330	-
12	Producing Gas Wells-Well Equipment	331	-
13	Field Lines	332	-
14	Field Measuring & Reg. Station Equipment	334	-
15	Drilling & Cleaning Equipment	335	-
16	Other Equipment	337	-
17	TOTAL PRODUCTION & GATHERING		-
<u>NATURAL GAS STORAGE & PROCESSING PLANT</u>			
18	Land & Land Rights	304	-
19	Production Plant-Manufactured Gas Plants	305	-
20	Land	350.1	-
21	Rights of Way	350.2	-
22	Structures & Improvements	351	-
23	Wells	352	-
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		-

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Cost of Removal

Line #	Description	[1] Account Number	[2] 2018
TRANSMISSION PLANT			
30	Land & Land Rights	365.1	-
31	Rights of Way	365.2	-
32	Structures & Improvements	366	-
33	Mains	367	-
34	Measuring & Regulating Station Equipment	369	1
35	Communication Equipment	370	-
36	Other Equipment	371	-
37	TOTAL TRANSMISSION		<u>1</u>
DISTRIBUTION PLANT			
38	Land & Land Rights	374	-
39	Structures & Improvements	375	-
40	Mains	376	2,024
41	Measuring & Regulating Station Equipment	378	339
42	Measuring & Regulating Station Equipment	379	-
43	Services	380	5,717
44	Meters	381	3
45	Meter Installations	382	328
46	House Regulators	383	1,357
47	House Regulatory Installations	384	1
48	Industrial Measuring & Reg. Station Equipment	385	25
49	Other Property	386	-
50	Other Equipment	387	-
51	TOTAL DISTRIBUTION		<u>9,794</u>
GENERAL PLANT			
52	Land & Land Rights	389	-
53	Structures & Improvements	390	(1)
54	Office Furniture & Equipment	391	-
55	Transportation Equipment	392	-
56	Stores Equipment	393	-
57	Tools & Garage Equipment	394	-
58	Laboratory Equipment	395	-
59	Power Operated Equipment	396	-
60	Communication Equipment	397	-
61	Miscellaneous Equipment	398	3
62	Other Tangible Property	399	-
63	TOTAL GENERAL		<u>2</u>
64	Total Plant		<u>\$ 9,797</u>

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Negative Net Salvage Amortization

Line #	Description	[1] Account Number	[2] 2018
INTANGIBLE PLANT			
1	Organization	301	\$ -
2	Franchise & Consent	302	-
3	Miscellaneous Intangible Plant	303	-
4	TOTAL INTANGIBLE		<u>-</u>
NATURAL GAS PRODUCTION & GATHERING			
5	Producing Lands	325.1	-
6	Producing Leaseholds	325.2	-
7	Rights of Way	325.4	-
8	Other Land Rights	325.5	-
9	Field Measuring & Regulating Station Structures	328	-
10	Other Structures	329	-
11	Producing Gas Wells-Well Construction	330	54
12	Producing Gas Wells-Well Equipment	331	-
13	Field Lines	332	-
14	Field Measuring & Reg. Station Equipment	334	10
15	Drilling & Cleaning Equipment	335	-
16	Other Equipment	337	-
17	TOTAL PRODUCTION & GATHERING		<u>64</u>
NATURAL GAS STORAGE & PROCESSING PLANT			
18	Land & Land Rights	304	-
19	Production Plant-Manufactured Gas Plants	305	296
20	Land	350.1	-
21	Rights of Way	350.2	-
22	Structures & Improvements	351	-
23	Wells	352	16
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		<u>312</u>

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Negative Net Salvage Amortization

Line #	Description	[1] Account Number	[2] 2018
TRANSMISSION PLANT			
30	Land & Land Rights	365.1	-
31	Rights of Way	365.2	-
32	Structures & Improvements	366	-
33	Mains	367	-
34	Measuring & Regulating Station Equipment	369	-
35	Communication Equipment	370	-
36	Other Equipment	371	-
37	TOTAL TRANSMISSION		<u>-</u>
DISTRIBUTION PLANT			
38	Land & Land Rights	374	-
39	Structures & Improvements	375	7
40	Mains	376	1,386
41	Measuring & Regulating Station Equipment	378	229
42	Measuring & Regulating Station Equipment	379	12
43	Services	380	5,894
44	Meters	381	1
45	Meter Installations	382	330
46	House Regulators	383	1,151
47	House Regulatory Installations	384	7
48	Industrial Measuring & Reg. Station Equipment	385	13
49	Other Property	386	1
50	Other Equipment	387	2
51	TOTAL DISTRIBUTION		<u>9,031</u>
GENERAL PLANT			
52	Land & Land Rights	389	-
53	Structures & Improvements	390	154
54	Office Furniture & Equipment	391	-
55	Transportation Equipment	392	(149)
56	Stores Equipment	393	-
57	Tools & Garage Equipment	394	-
58	Laboratory Equipment	395	-
59	Power Operated Equipment	396	(2)
60	Communication Equipment	397	-
61	Miscellaneous Equipment	398	6
62	Other Tangible Property	399	-
63	TOTAL GENERAL		<u>9</u>
64	Total Plant		<u>\$ 9,416</u>

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Salvage

Line #	Description	[1] Account Number	[2] 2018
<u>INTANGIBLE PLANT</u>			
1	Organization	301	\$ -
2	Franchise & Consent	302	-
3	Miscellaneous Intangible Plant	303	-
4	TOTAL INTANGIBLE		<u>-</u>
<u>NATURAL GAS PRODUCTION & GATHERING</u>			
5	Producing Lands	325.1	-
6	Producing Leaseholds	325.2	-
7	Rights of Way	325.4	-
8	Other Land Rights	325.5	-
9	Field Measuring & Regulating Station Structures	328	-
10	Other Structures	329	-
11	Producing Gas Wells-Well Construction	330	-
12	Producing Gas Wells-Well Equipment	331	-
13	Field Lines	332	-
14	Field Measuring & Reg. Station Equipment	334	-
15	Drilling & Cleaning Equipment	335	-
16	Other Equipment	337	-
17	TOTAL PRODUCTION & GATHERING		<u>-</u>
<u>NATURAL GAS STORAGE & PROCESSING PLANT</u>			
18	Land & Land Rights	304	-
19	Production Plant-Manufactured Gas Plants	305	-
20	Land	350.1	-
21	Rights of Way	350.2	-
22	Structures & Improvements	351	-
23	Wells	352	-
24	Lines	353	-
25	Compressor Station Equipment	354	-
26	Measuring & Regulating Equipment	355	-
27	Purification Equipment	356	-
28	Other Equipment	357	-
29	TOTAL STORAGE & PROCESSING		<u>-</u>

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Salvage

Line #	Description	[1] Account Number	[2] 2018
TRANSMISSION PLANT			
30	Land & Land Rights	365.1	-
31	Rights of Way	365.2	-
32	Structures & Improvements	366	-
33	Mains	367	-
34	Measuring & Regulating Station Equipment	369	-
35	Communication Equipment	370	-
36	Other Equipment	371	-
37	TOTAL TRANSMISSION		<u>-</u>
DISTRIBUTION PLANT			
38	Land & Land Rights	374	-
39	Structures & Improvements	375	-
40	Mains	376	4
41	Measuring & Regulating Station Equipment	378	(216)
42	Measuring & Regulating Station Equipment	379	-
43	Services	380	-
44	Meters	381	-
45	Meter Installations	382	-
46	House Regulators	383	-
47	House Regulatory Installations	384	-
48	Industrial Measuring & Reg. Station Equipment	385	-
49	Other Property	386	-
50	Other Equipment	387	-
51	TOTAL DISTRIBUTION		<u>(212)</u>
GENERAL PLANT			
52	Land & Land Rights	389	-
53	Structures & Improvements	390	-
54	Office Furniture & Equipment	391	-
55	Transportation Equipment	392	-
56	Stores Equipment	393	-
57	Tools & Garage Equipment	394	-
58	Laboratory Equipment	395	-
59	Power Operated Equipment	396	-
60	Communication Equipment	397	-
61	Miscellaneous Equipment	398	-
62	Other Tangible Property	399	-
63	TOTAL GENERAL		<u>-</u>
64	Total Plant		<u>\$ (212)</u>

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Working Capital

Line No	Description	[1]	[2]
		Historic Year 9/30/2018	Reference
1	Working Capital for O & M Expense	\$ 35,757	C-4, Page 2
2	Interest Payments	(3,877)	C-4, Page 7
3	Tax Payment Lag Calculations	3,590	C-4, Page 8
4	Prepaid Expenses	6,573	C-4, Page 9
5	Total Cash Working Capital Requirements	<u>\$ 42,043</u>	

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Summary of Working Capital

Line #	Description	[1] Reference	[2] Test Year Expenses	[3] Factor	[4] Number of (Lead) / Lag Days [2] * [3]	[5] Totals
WORKING CAPITAL REQUIREMENT						
1	REVENUE LAG DAYS	Page 3				56.89
2	EXPENSE LAG DAYS	Page 4				
3	Payroll	Sch D-7	\$ 71,665	12.00	\$ 859,978	
4	Purchased Gas Costs	Sch D-6	314,278	36.41	11,442,827	
5	Other Expenses	L 19 - L 2 to L 4	144,463	33.36	4,819,298	
6	Total	Sum (L 3 to L 5)	<u>\$ 530,406</u>		<u>\$ 17,122,104</u>	
7	O & M Expense Lag Days	L6, C 4 / C 2				32.28
8	Net (Lead) Lag Days	L 1 - L 7				24.61
9	Operating Expenses Per Day	L 6, C 2 / 365				<u>\$ 1,453</u>
10	Working Capital for O & M Expense	L 8 * L 9				\$ 35,757
11	Interest Payments	Page 7				(3,877)
12	Tax Payment Lag Calculations	Page 8				3,590
13	Prepaid Expenses	Page 9				6,573
14	Total Working Capital Requirement	Sum (L 10 to L 13)				<u>\$ 42,043</u>
15	Pro Forma O & M Expense		\$ 541,760			
16	Less: Uncollectible Expense		<u>11,354</u>			
17	Sub-Total		<u>11,354</u>			
18	Pro Forma Cash O&M Expense		<u>\$ 530,406</u>			

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Revenue Lag						
Line No.	Description	[1] Reference Or Factor	[2] Accounts Receivable Balance End of Month	[3] Total Monthly Sales Page 2	[4] A/R Turnover [3] / [2]	[5] Days Lag 365 / [4]
1	Annual Number of Days					<u>365</u>
2	September, 2017		\$ 36,102			
3	October		31,948	33,599		
4	November		46,928	59,758		
5	December, 2017		89,395	102,535		
6	January, 2018		156,129	174,810		
7	February		154,986	125,325		
8	March		165,689	118,854		
9	April		159,810	103,634		
10	May		127,108	57,722		
11	June		105,624	34,109		
12	July		84,995	28,528		
13	August		67,069	29,902		
14	September, 2018		54,818	26,990		
15	Total	Sum L 2 to L 14	<u>\$1,280,602</u>			
16	Number of Months	<u>13</u>				
17	Average Acct Rec Balance	L 15 / L 16	<u>\$98,508</u>			
18	Total Sales for Year	Sum L 2 to L 14		<u>\$ 895,766</u>		
19	Acct Rec Turnover Ratio	L 18 / L 17			<u>9.09</u>	
20	Collection Lag Day Factor	L 1 / L 19				40.15
21	Meter Read Lag Factor					1.53
22	Midpoint Lag Factor		365	/	12	/
					2	=
						<u>15.21</u>
23	Total Revenue Lag Days	Sum L 20 to L 22				<u>56.89</u>

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Summary of Expense Lag Calculations

Line No.	Description	[1] Reference Or Factor	[2] Amount	[3] (Lead) / Lag Days	[4] Weighted Dollar Value [2] * [3]	[5] (Lead) / Lag Days [4] / [2]
<u>PAYROLL</u>						
1	Union Payrolls	Bi-Weekly	\$ 26,210	12.00		
2	Exempt & Non-Exempt	Bi-Weekly	45,455	12.00		
3	Weighted for Union	L1, C2 * C3			\$ 314,525	
4	Weighted for Other	L2, C2 * C3			545,458	
5	Payroll Lag	L 3 + L 4	<u>\$ 71,665</u>		<u>\$ 859,983</u>	
6	Payroll Lag Days	C 4 / C 2				<u>12.00</u>
<u>PURCHASE GAS COSTS</u>						
7	Payment Lag	Page 6	<u>\$ 421,737</u>		<u>\$ 15,355,410</u>	
8	Gas Cost Lag Days	C 4 / C 2				<u>36.41</u>
<u>OTHER O & M EXPENSES</u>						
9	OCTOBER 2017	Page 5	\$ 14,023		\$ 424,589	
10	NOVEMBER 2017	Page 5	9,081		328,748	
11	DECEMBER 2017	Page 5	9,616		340,014	
12	JANUARY 2018	Page 5	9,835		358,677	
13	FEBRUARY 2018	Page 5	9,890		328,281	
14	MARCH 2018	Page 5	15,985		474,561	
15	APRIL 2018	Page 5	8,921		328,305	
16	MAY 2018	Page 5	10,895		370,074	
17	JUNE 2018	Page 5	13,560		514,214	
18	JULY 2018	Page 5	8,779		295,626	
19	AUGUST 2018	Page 5	12,967		386,681	
20	SEPTEMBER 2018	Page 5	11,795		364,935	
21	TOTAL		<u>\$ 135,348</u>		<u>\$ 4,514,705</u>	
22	Other O&M Expense Lag Days	L21, C 4 / C 2				<u>33.36</u>

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General Disbursements Payment Lag Summary

Line #	Description	[1] Number of CDs	[2] Cash Disbursements	[3] Dollar-Days	[4] Expense Lag-Days [3]/[2]
OCTOBER 2017					
1	Total Disbursements for Month	4,895	\$ 42,191		
2	Total Disbursements for Expenses	4,094	\$ 14,023	\$ 424,589	30.28
NOVEMBER 2017					
3	Total Disbursements for Month	3,913	\$ 29,198		
4	Total Disbursements for Expenses	3,450	\$ 9,081	\$ 328,748	36.20
DECEMBER 2017					
5	Total Disbursements for Month	4,195	\$ 40,530		
6	Total Disbursements for Expenses	3,559	\$ 9,616	\$ 340,014	35.36
JANUARY 2018					
7	Total Disbursements for Month	4,445	\$ 36,037		
8	Total Disbursements for Expenses	3,853	\$ 9,835	\$ 358,677	36.47
FEBRUARY 2018					
9	Total Disbursements for Month	3,785	\$ 40,194		
10	Total Disbursements for Expenses	3,334	\$ 9,890	\$ 328,281	33.19
MARCH 2018					
11	Total Disbursements for Month	4,375	\$ 42,710		
12	Total Disbursements for Expenses	3,864	\$ 15,985	\$ 474,561	29.69
APRIL 2018					
13	Total Disbursements for Month	4,027	\$ 31,475		
14	Total Disbursements for Expenses	3,551	\$ 8,921	\$ 328,305	36.80
MAY 2018					
15	Total Disbursements for Month	4,603	\$ 33,012		
16	Total Disbursements for Expenses	3,953	\$ 10,895	\$ 370,074	33.97
JUNE 2018					
17	Total Disbursements for Month	4,205	\$ 36,173		
18	Total Disbursements for Expenses	3,567	\$ 13,560	\$ 514,214	37.92
JULY 2018					
19	Total Disbursements for Month	4,506	\$ 34,021		
20	Total Disbursements for Expenses	3,817	\$ 8,779	\$ 295,626	33.68
AUGUST 2018					
21	Total Disbursements for Month	5,151	\$ 39,556		
22	Total Disbursements for Expenses	4,306	\$ 12,967	\$ 386,681	29.82
SEPTEMBER 2018					
23	Total Disbursements for Month	4,237	\$ 42,846		
24	Total Disbursements for Expenses	3,404	\$ 11,795	\$ 364,935	30.94
25	Total Test Month Expense Disbursement	44752	\$ 135,348	\$ 4,514,705	33.69

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 Witness: M. Mattern
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Purchase Gas Cost Payment Lag Summary

Line #	Description	[1] Number of Invoices	[2] Amount of Invoice	[3] Dollar Days	[4] Total Payment Lag-Days
1	October 2017	64	\$ 15,022	\$ 581,943	38.74
2	November	80	32,466	935,919	28.83
3	December	93	45,372	1,421,740	31.34
4	January 2018	104	55,686	1,986,518	35.67
5	February	100	92,080	3,463,565	37.61
6	March	110	43,412	1,529,099	35.22
7	April	91	27,126	1,064,886	39.26
8	May	80	33,804	1,355,016	40.08
9	June	66	19,393	748,930	38.62
10	July	89	17,731	695,169	39.21
11	August	64	20,883	848,427	40.63
12	September 2018	75	<u>18,762</u>	<u>724,199</u>	38.60
13	Total		<u>\$ 421,737</u>	<u>\$ 15,355,410</u>	
14	Purchase Gas Lag Days				<u>36.41</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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Schedule C-4
Witness: M. Mattern
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Interest Payments

Line No.	Description	[1] Reference Or Factor	[2] # of Days	[3] # of Days	[4] Total
1	Measure of Value at September 30, 2018	Sch C-1			\$ 2,022,718
2	Long-term Debt Ratio	Sch B-6			42.86%
3	Embedded Cost of Long-term Debt	Sch B-6			4.75%
4	Pro forma Interest Expense	L 1 * L 2 * L 3			<u>\$ 41,180</u>
5	Daily Amount	L 4 / L 5 [2]	365		\$ 113
6	Days to mid-point of interest payments			91.25	
7	Less: Revenue Lag Days	Page 3		56.89	
8	Interest Payment lag days	L 7 - L 6			(34.4)
9	Total Interest for Working Capital	L 5 * L 8			<u>\$ (3,877)</u>

Tax Lag Day Calculations

Line #	Description	[1] Payment Dates	[2] Mid-Point of Service Period	[3] Lead (Lag) Payment Days [1] - [2]	[4] Payment Amount	[5] Weighted Lead (Lag) Dollars [3] * [4]	[6] Payment Lead (Lag) Days [5] / [4]	[7] Revenue (Lag) Days	[8] Net Payment Lead (Lag) Days [6] - [7]	[9] Total Dollar Days	[10] Working Capital Amount
											365
1	FEDERAL INCOME TAX				\$ 40,925						
2	First Payment	01/05/18	04/01/18	86.00	\$ 10,231	879,878					
3	Second Payment	03/15/18	04/01/18	17.00	10,231	173,929					
4	Third Payment	06/15/18	04/01/18	(75.00)	10,231	(767,335)					
5	Fourth Payment	09/15/18	04/01/18	(167.00)	10,231	(1,708,600)					
6	Total				\$ 40,925	\$ (1,422,128)	(34.75)	(56.89)	22.14	\$ 906,069	\$ 2,482
7	STATE INCOME TAX				\$ 13,693						
8	First Payment	12/15/17	04/01/18	107.00	\$ 3,423	366,287					
9	Second Payment	03/15/18	04/01/18	17.00	3,423	58,195					
10	Third Payment	06/15/18	04/01/18	(75.00)	3,423	(256,743)					
11	Fourth Payment	09/15/18	04/01/18	(167.00)	3,423	(571,681)					
12	Total				\$ 13,693	(403,942)	(29.50)	(56.89)	27.39	\$ 375,050	\$ 1,028
13	PA PROPERTY TAX				\$ (175)						
14	First Payment	03/31/18	04/01/18	1.00	\$ (88)	(88)					
15	Second Payment	09/30/18	04/01/18	(182.00)	(88)	15,925					
16	Total				\$ (175)	15,838	(90.50)	(56.89)	(33.61)	\$ 5,882	\$ 16
17	PURTA				\$ 862						
18	Payment	05/01/18	04/01/18	(30.00)	\$ 862	(25,860)	(30.00)	(56.89)	26.89	\$ 23,179	\$ 64
19	Total Working Capital For Other Taxes										\$ 3,590

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
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Schedule C-4
 Witness: M. Mattern
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Prepaid Expenses

Line #	[1] Description	[2] TOTAL	[3] Insurance	[4] PUC Assessment	[5] Property Taxes	[6] Subscriptions	[7] Postage	[8] Rent	[9] Maintenance & Services
1	September, 2017	5,935	\$ 2,595	\$ (738)	\$ 437	\$ 29	\$ 6	\$ 30	\$ 3,576
2	October	8,521	2,706	1,968	380	104	9	30	3,324
3	November	7,699	2,419	1,722	321	80	7	30	3,120
4	December, 2017	6,844	2,140	1,476	263	28	13	30	2,894
5	January, 2018	6,225	1,929	1,230	211	140	25	30	2,660
6	February	5,979	1,528	984	298	600	43	30	2,496
7	March	4,481	1,168	738	288	114	10	30	2,133
8	April	4,525	1,066	492	280	189	8	30	2,460
9	May	4,402	720	246	238	133	32	30	3,003
10	June	7,023	3,985	-	178	76	7	30	2,747
11	July	8,282	4,016	(246)	271	151	7	30	4,053
12	August	7,824	3,723	(492)	431	95	6	30	4,031
13	September, 2018	7,708	3,317	-	408	38	8	30	3,907
14	TOTAL	<u>\$ 85,448</u>	<u>\$ 31,312</u>	<u>\$ 7,380</u>	<u>\$ 4,004</u>	<u>\$ 1,777</u>	<u>\$ 181</u>	<u>\$ 390</u>	<u>\$ 40,404</u>
15	Percent to Gas		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
16	Amount to Gas		<u>\$ 31,312</u>	<u>\$ 7,380</u>	<u>\$ 4,004</u>	<u>\$ 1,777</u>	<u>\$ 181</u>	<u>\$ 390</u>	<u>\$ 40,404</u>
17	Monthly Average	13	<u>\$ 2,409</u>	<u>\$ 568</u>	<u>\$ 308</u>	<u>\$ 137</u>	<u>\$ 14</u>	<u>\$ 30</u>	<u>\$ 3,108</u>
18	Rate Case Amount		<u>\$ 6,573</u>						

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule C-5
Witness: M. Mattern
Page 1 of 1

Gas Inventory

[1]

Line No.	Description	Stored Underground
1	September, 2017	\$ 39,486
2	October	44,524
3	November	43,395
4	December, 2017	34,587
5	January, 2018	22,977
6	February	13,453
7	March	3,460
8	April	6,904
9	May	13,034
10	June	18,608
11	July	25,414
12	August	31,433
13	September, 2018	37,287
14	Total	<u>\$ 334,562</u>
15	Number of Months	<u>13</u>
16	Average Monthly Balance	<u>\$ 25,736</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule C-6
Witness: N. M. McKinney
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Accumulated Deferred Income Taxes

[1]

[2]

Line #	Description	Amount	Total
<u>Accumulated Deferred Income Tax</u>			
1	Gas Utility Plant - a/c # 282	\$ (300,135)	
2	Sub-total		(300,135)
3	ADIT on CIAC	15,622	
4	ADIT for Repairs Tax Deduction	<u>(52,620)</u>	
5	Sub-total		<u>(36,998)</u>
6	Federal ADIT		(337,133)
7	State Repair Regulatory Liability	(12,470)	(12,470)
8	Pro-Rata Adjustment	<u>-</u>	-
9	Balance At September 30, 2018		<u><u>\$ (349,603)</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule C-7
Witness: M. Mattern
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Customer Deposits

[1]

Line #	Description	Balance At End Of Month
1	Balance as of September 30, 2018	<u>\$ 18,920</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule C-8
Witness: M. Mattern
Page 1 of 1

Materials & Supplies

Line #	Month	[1] Materials & Supplies
1	September, 2017	\$ 12,256
2	October	12,506
3	November	12,805
4	December, 2017	13,400
5	January, 2018	13,675
6	February	14,198
7	March	14,375
8	April	14,537
9	May	14,110
10	June	14,098
11	July	14,221
12	August	13,766
13	September, 2018	13,715
14	Total	<u>\$ 177,662</u>
15	Number of Months	<u>13</u>
16	Average Monthly Balance	<u>\$ 13,666</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-1
Witness: S. F. Anzaldo
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Summary of Revenue and Expenses
Pro Forma with Proposed Revenue Increase

Line #	Description	Factor Or Reference	[1]	[2]	[3]
			Pro Forma Test Year		
			At Present Rates	Rate Increase	At Proposed Rates
OPERATING REVENUES					
1	Customer & Distribution Revenue		\$ 513,803	\$ -	\$ 513,803
2	Gas Supply & Cost Adjustment Revenue		323,531	-	323,531
3	Other Revenues		7,119	-	7,119
4	Revenue Increase			13,629	13,629
5	Total operating revenues		<u>844,453</u>	<u>13,629</u>	<u>858,082</u>
OPERATING EXPENSES					
6	Manufactured Gas		3,936	-	3,936
7	Gas Supply Production		314,278	-	314,278
8	Transmission		-	-	-
9	Distribution		71,396	-	71,396
10	Customer Accounts		36,565	-	36,565
11	Uncollectible Expense	1.348%	11,354	184	11,538
12	Customer Information & Services		8,770	-	8,770
13	Sales		2,429	-	2,429
14	Administrative & General		93,033	-	93,033
15	Depreciation & Amortization		83,067	-	83,067
16	Taxes other than income taxes		7,129	-	7,129
17	Total operating expenses		<u>631,956</u>	<u>184</u>	<u>632,139</u>
18	Net operating income Before Income Tax		212,497	13,445	225,943
Income Taxes					
19	Pro Forma Income Tax At Present Rates		50,310		50,310
20	Pro Forma Income Tax on Revenue Increase			4,308	4,308
21	Net Income (loss)		<u>\$ 162,187</u>	<u>\$ 9,137</u>	<u>\$ 171,325</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-2
Witness: S. F. Anzaldo
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**Summary of Pro Forma Revenue and Expense
Adjustments with Proposed Revenue Increase**

Line #	Description	[1]	[2]	[3]	[4]	[5]	[6]
		Factor Or Reference	Budget For Year End 09/30/18	Adjustments Sch D-3 Increase (Decrease)	Pro Forma Adjusted For Test Year 9/30/18	Proposed Increase	Pro Forma Test Year With Proposed Increase
	<u>OPERATING REVENUES</u>			-	[2] + [3]		[4] + [5]
1	Residential (R/RT)	480	\$ 530,091	\$ (31,534)	\$ 498,557		\$ 498,557
2	Comm & Ind (N/NT)	481	215,677	(14,956)	200,721		200,721
3	Comm & Ind (DS)	489	47,695	(1,677)	46,018		46,018
4	Lg Transport/Other	489	74,525	(618)	73,907		73,907
5	Interruptible	489	27,682	(9,551)	18,131		18,131
6	Forfeited Discounts		5,927	-	5,927		5,927
7	Miscellaneous Service Revenues		873	-	873		873
8	Rent from Gas Properties		319	-	319		319
9	Rate Increase			-	-	13,629	13,629
10	Total operating revenues		<u>902,789</u>	<u>(58,336)</u>	<u>844,453</u>	<u>13,629</u>	<u>858,082</u>
	<u>OPERATING EXPENSES</u>						
11	Gas Production		3,935	1	3,936		3,936
12	Gas Supply Production		340,954	(26,676)	314,278		314,278
13	Transmission		-		-		
14	Distribution		71,298	98	71,396		71,396
15	Customer Accounts		36,378	187	36,565		36,565
16	Uncollectible Expense	1.348%	15,601	(4,247)	11,354	184	11,538
17	Customer Information & Services		8,748	22	8,770		8,770
18	Sales		2,420	9	2,429		2,429
19	Administrative & General		93,250	(218)	93,033		93,033
20	Depreciation & Amortization		79,122	3,945	83,067		83,067
21	Taxes other than income taxes		7,083	46	7,129		7,129
22	Total operating expenses		<u>658,789</u>	<u>(26,833)</u>	<u>631,956</u>	<u>184</u>	<u>632,139</u>
23	Net Operating Income - BIT		<u>\$ 244,000</u>	<u>\$ (31,503)</u>	<u>\$ 212,497</u>	<u>\$ 13,445</u>	<u>\$ 225,943</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Summary of Pro Forma Adjustments

Line #	Description	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]
		As Budgeted And Allocated	Company Use Gas D-4	Revenues D-5	Gas Costs D-6	Salaries & Wages D-7	Environmental Expense D-8	Headcount Additions D-9	Rate Case D-10	Uncollectibles Expense D-11	Facility Expense D-12	D-13	Sub-Total Adjustments	Total Proforma
OPERATING REVENUES														
Customer & Distribution Revenue														
1	Residential (R/RT)	480	\$ 284,113	\$ (8,439)									\$ (8,439)	\$ 275,674
2	Comm & Ind (N/NT)	481	121,157	(3,369)									(3,369)	117,788
3	Comm & Ind (DS)	489	34,852	(1,089)									(1,089)	33,763
4	Lg Transport/Other	489	69,625	(618)									(618)	69,007
5	Interruptible	489	27,123	(9,552)									(9,552)	17,571
Revenue for Cost of Gas														
6	Residential (R/RT)	480	245,978	(23,095)									(23,095)	222,883
7	Comm & Ind (N/NT)	481	94,520	(11,587)									(11,587)	82,933
8	Comm & Ind (DS)	489	12,843	(588)									(588)	12,255
9	Lg Transport/Other	489	4,900	-									-	4,900
10	Interruptible Transport	489	559	1									1	560
11	Forfeited Discounts		5,927	-									-	5,927
12	Miscellaneous Service Revenues		873	-									-	873
13	Rent from Gas Properties		319	-									-	319
14	Rate Increase		-	-									-	-
15	Total operating revenues		902,789	(58,336)	-	-	-	-	-	-	-	-	(58,336)	844,453
OPERATING EXPENSES														
16	Gas Production		3,935			1	-						1	3,936
17	Gas Supply Production		340,954	841	(27,517)								(26,676)	314,278
18	Transmission		-											-
19	Distribution		71,298	(340)		438	-						98	71,396
20	Customer Accounts		36,378			187							187	36,565
21	Uncollectible Expense		15,601							(4,247)			(4,247)	11,354
22	Customer Information & Services		8,748			22							22	8,770
23	Sales		2,420			9							9	2,429
24	Administrative & General		93,250	(501)		283	-	-	-				(218)	93,033
25	Depreciation & Amortization		79,122										-	79,122
26	Taxes other than income taxes		7,083										-	7,083
27	Total operating expenses		\$ 658,789	\$ -	\$ -	\$ (27,517)	\$ 940	\$ -	\$ -	\$ -	\$ (4,247)	\$ -	\$ (30,824)	\$ 627,965
28	Net operating income Before Income Tax		\$ 244,000	\$ -	\$ (58,336)	\$ 27,517	\$ (940)	\$ -	\$ -	\$ -	\$ 4,247	\$ -	\$ (27,512)	\$ 216,488

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Summary of Pro Forma Adjustments

Line #	Description	[1]	[2]	[3]	[4]	[5]	[6] Adjustments			[7]	[8]	[9]	[10]	[11]	[12]	[13]
		From Page 1 Sub-total		Benefits Adjustments D-14	Other Adjustments D-15	Universal Service D-16	D-17	D-18	EE&C Program D-19		Depreciation D-21	Taxes Other Than Income D-31				TOTAL Adjusted
OPERATING REVENUES																
29	Customer & Distribution Revenue															
30	Residential (R/RT)	\$ 275,674														\$ 275,674
31	Comm & Ind (N/NT)	117,788														117,788
32	Comm & Ind (DS)	33,763														33,763
33	Lg Transport/Other	69,007														69,007
34	Interruptible	17,571														17,571
Revenue for Cost of Gas																
35	Residential (R/RT)	222,883														222,883
36	Comm & Ind (N/NT)	82,933														82,933
37	Comm & Ind (DS)	12,255														12,255
38	Lg Transport/Other	4,900														4,900
39	Interruptible Transport	560														560
40	Forfeited Discounts	5,927														5,927
41	Miscellaneous Service Revenues	873														873
42	Rent from Gas Properties	319														319
43	Rate Increase	-														-
44	Total operating revenues	844,453	-	-	-	-	-	-	-	-	-	-	-	-	-	844,453
OPERATING EXPENSES																
45	Gas Production	3,936														3,936
46	Gas Supply Production	314,278														314,278
47	Transmission	-														-
48	Distribution	71,396														71,396
49	Customer Accounts	36,565														36,565
50	Uncollectible Expense	11,354														11,354
51	Customer Information & Services	8,770														8,770
52	Sales	2,429														2,429
53	Administrative & General	93,033														93,033
54	Depreciation & Amortization	79,122										3,945				83,067
55	Taxes other than income taxes	7,083												46		7,129
56	Total operating expenses	\$ 627,965	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,945	\$ 46	\$ -	\$ -	\$ 631,956
57	Net operating income Before Income Tax	\$ 216,488	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (3,945)	\$ (46)	\$ -	\$ -	\$ 212,497

UGI Utilities, Inc. - Gas Division (Combined)
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(\$ in Thousands)

Schedule D-4
 Witness: S. F. Anzaldo
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Company Use of Fuel

Line #	Description	[1] Reference	[2] Amount	[3] Total
1	Remove Company Use of Fuel	a/c 859.001	\$ (220)	
2	Remove Company Use of Fuel	a/c 880.001	(120)	
3	Remove Company Use of Fuel	a/c 930.201	(501)	
4				<u>\$ (841)</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-5
Witness: D. E. Lahoff
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Adjustment - Revenue Adjustments

	[1]	[2]	[3]	[4]	[5]	[6]
			<u>PRO FORMA ADJUSTMENTS</u>			
Line #	Reference Or Account Number	2018 Actual	Other Adjustments	Rev/PGC Annualization	Total Proforma Adjustments D-5A	Proforma Adjusted At Present Rates
Customer & Distribution Revenue						
1	Residential (R/RT)	\$ 284,113	\$ (8,439)		\$ (8,439)	\$ 275,674
2	Comm & Ind (N/NT)	121,157	(3,369)		(3,369)	117,788
3	Comm & Ind (DS)	34,852	(1,089)		(1,089)	33,763
4	Lg Transport/Other	69,625	(618)		(618)	69,007
5	Interruptible	27,123	(9,552)		(9,552)	17,571
6	Cust Chg & Distrib Revenue	536,870	(23,067)	-	(23,067)	513,803
Revenue for Cost of Gas						
7	Residential (R/RT)	245,978	(7,165)	(15,930)	(23,095)	222,883
8	Comm & Ind (N/NT)	94,520	-	(11,587)	(11,587)	82,933
9	Comm & Ind (DS)	12,843	(588)		(588)	12,255
10	Lg Transport/Other	4,900	-		-	4,900
11	Interruptible Transport	559	1		1	560
12	Revenue for Cost of Gas	358,800	(7,752)	(27,517)	(35,269)	323,531
13	Total Customer Revenue	895,670	(30,819)	(27,517)	(58,336)	837,334
14	Forfeited Discounts	5,927		-	-	5,927
15	Miscellaneous Service Revenues	817		-	-	817
16	Rent from Gas Properties	319		-	-	319
17	Other Revenues	56			-	56
18	TOTAL REVENUES	\$ 902,789	\$ (30,819)	\$ (27,517)	\$ (58,336)	\$ 844,453

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-5A
Witness: D. E. Lahoff
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Adjustment - Test Year Revenue Changes

Line #	Description	[1] Factor Or Reference	[2] Budgeted Jurisdictional	[3] Revised Jurisdictional	[4] Adjustment [3] - [2]	[5] Total Adjustment
TOTAL REVENUE						
1	Residential (R/RT)		\$ 530,092	\$ 498,558	\$ (31,534)	
2	Comm & Ind (N/NT)		215,452	200,496	(14,956)	
3	Comm & Ind (DS)		47,695	46,018	(1,677)	
4	Lg Transport/Other		76,062	75,444	(618)	
5	Interruptible		26,367	16,816	(9,551)	
6	Total		<u>\$ 895,668</u>	<u>\$ 837,332</u>	<u>\$ (58,336)</u>	<u>\$ (58,336)</u>
COST OF COMMODITY						
7	Residential (R/RT)		\$ 245,979	\$ 222,884	\$ (23,095)	
8	Comm & Ind (N/NT)		94,519	82,932	(11,587)	
9	Comm & Ind (DS)		12,843	12,255	(588)	
10	Lg Transport/Other		4,889	4,889	0	
11	Interruptible		570	571	1	
12	Total		<u>\$ 358,800</u>	<u>\$ 323,531</u>	<u>\$ (35,269)</u>	<u>\$ (35,269)</u>
NET CUSTOMER & DISTRIBUTION						
13	Residential (R/RT)		\$ 284,113	\$ 275,674	\$ (8,439)	
14	Comm & Ind (N/NT)		120,933	117,564	(3,369)	
15	Comm & Ind (DS)		34,852	33,763	(1,089)	
16	Lg Transport/Other		71,173	70,555	(618)	
17	Interruptible		25,797	16,245	(9,552)	
18	Total		<u>\$ 536,868</u>	<u>\$ 513,801</u>	<u>\$ (23,067)</u>	<u>\$ (23,067)</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-6
Witness: D. E. Lahoff
Page 1 of 1

Adjustment - Gas Costs

Line #	Description	[1]	[2]	[3]	[4]	[5]
		Budgeted Gas Costs	PRO FORMA ADJUSTMENTS			Pro Forma Gas Costs At Pres Rates
			D-5A Gas Costs	Co Use	Gas Cost Pro Forma Adjustments	
1	Budgeted Gas Costs	\$ 340,954			\$ -	\$ 340,954
2	Residential (R/RT)		(15,930)		(15,930)	(15,930)
3	Comm & Ind (N/NT)		(11,587)		(11,587)	(11,587)
4	Comm & Ind (DS)		-		-	-
5	Lg Transport/Other		-		-	-
6	Interruptible		-		-	-
7	Total Gas Costs	<u>\$ 340,954</u>	<u>\$ (27,517)</u>	<u>\$ -</u>	<u>\$ (27,517)</u>	<u>\$ 313,437</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-7
Witness: S. F. Anzaldo
Page 1 of 2

Adjustment - Salaries & Wages

Line #	Description	[1] Recorded Year 09/30/18	[2] Adjustment	[3] Payroll As Distributed	[4] Annualization Adjustment	[5] Total Pro Forma Payroll
<u>OPERATIONS</u>						
1	Total Natural Gas Production Expenses	\$ 52	\$ -	\$ 52	\$ 1	\$ 53
2	Total Underground Storage Expenses	4	-	4	-	4
3	Total Transmission Operation Expenses	447	-	447	6	453
4	Total Distribution Operation Expenses	23,345	-	23,345	314	23,659
5	Customer Account Operations Expenses	13,908	-	13,908	187	14,095
6	Total Cust. Service & Inform. Operations Exp	1,627	-	1,627	22	1,649
7	Total Operation Sales Expenses	662	-	662	9	671
8	Total A & G Operation Expenses	20,018	-	20,018	269	20,287
9	Total Operations	<u>60,063</u>	<u>-</u>	<u>60,063</u>	<u>808</u>	<u>60,871</u>
<u>MAINTENANCE</u>						
10	Total Underground Maintenance Expenses	-	-	-	-	-
11	Storage Maintenance Expenses	-	-	-	-	-
12	Total Transmission Maintenance Expenses	359	-	359	5	364
13	Total Distribution Maintenance Expenses	9,224	-	9,224	124	9,348
14	Maintenance of General Plant	1,068	-	1,068	14	1,082
15	Total Maintenance	<u>10,651</u>	<u>-</u>	<u>10,651</u>	<u>143</u>	<u>10,794</u>
16	Total Payroll to Expense	<u>\$ 70,714</u>	<u>\$ -</u>	<u>\$ 70,714</u>	<u>\$ 951</u>	<u>\$ 71,665</u>
17	Percent Increase					<u>1.345%</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

		Adjustment - Salaries & Wages				
		[1]	[2]	[3]	[4]	[5]
Line #	Description	Reference Or Function	Union At 6-1	Non-Exempt	Exempt	Pro Forma Total Payroll
1	Actual Payroll For TY 9-30-18		\$ 25,694	\$ 20,948	\$ 24,072	<u>\$ 70,714</u>
Annualize for Wage Increase to 9-30-18						
2	Percent Increase		3.00%	3.00%	3.00%	
3	Union Increase At 6/1 Annualization Factor	6/1/18	67%			
4	Non-Exempt Annualization Factor	4/1/20218		50%		
5	Exempt Annualization Factor	12/1/17			17%	
6	Increase for wage rate changes	L 1 * L 2 * Ls 3 to 5	<u>516</u>	<u>314</u>	<u>121</u>	\$ 951
7	Annualized Salaries & Wages at 9-30-18 Rates	L 1 + L 6	\$ 26,210	\$ 21,262	\$ 24,193	
8	Annualization of D-9 changes FY2018				\$ -	
9	Pro Forma Salaries & Wages for TY		<u>\$ 26,210</u>	<u>\$ 21,262</u>	<u>\$ 24,193</u>	
10	Pro Forma Adjustment to S&W					<u>\$ 951</u>
11	Annualization Factor	L 11 / L 1				<u>1.345%</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-11
Witness: M. Mattern
Page 1 of 1

Adjustment - Uncollectibles

Line #	Description	[1] Reference Or Factor	[2] Uncollectible Expense	[3] Tariff Revenue	[4] Percent [2]/[3]	[5] Total [2]/[3]
1	2016		<u>\$ 6,873</u>	<u>\$ 641,689</u>	<u>1.07%</u>	
2	2017		<u>\$ 7,598</u>	<u>\$ 741,789</u>	<u>1.02%</u>	
3	2018		<u>\$ 16,343</u>	<u>\$ 902,250</u>	<u>1.81%</u>	
4	Three Year Average Sum (Line 1 to Line 3) / 3	<u>3</u>	<u>\$ 10,271</u>	<u>\$ 761,909</u>		<u>1.348%</u>
5	<u>2018 Recorded</u> Pro Forma Adjustment					\$ 15,614
6	Adjusted Revenues	<u>1.348%</u>		<u>\$ 843,261</u>		
7	Pro Forma at Present Rate Revenue	[1] * [3]				<u>11,367</u>
8	Total for Test Year					<u>\$ (4,247)</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Adjustment - Depreciation expense

Line #	Description	[1]	[2]	[3]	[4]
		Account Number	9/30/18 Depreciation Expense	Adjustment To Annualize At New Depre Study Rates	Pro Forma Test Year Depreciation
INTANGIBLE PLANT					
1	Organization	301	\$ -	\$ -	\$ -
2	Franchise & Consent	302	-	-	-
3	Miscellaneous Intangible Plant	303	-	-	-
4	TOTAL INTANGIBLE		<u>-</u>	<u>-</u>	<u>-</u>
NATURAL GAS PRODUCTION & GATHERING					
5	Producing Lands	325.1	-	-	-
6	Producing Leaseholds	325.2	-	-	-
7	Rights of Way	325.4	-	-	-
8	Other Land Rights	325.5	-	-	-
9	Field Measuring & Regulating Station Structures	328	-	-	-
10	Other Structures	329	-	-	-
11	Producing Gas Wells-Well Construction	330	-	-	-
12	Producing Gas Wells-Well Equipment	331	-	-	-
13	Field Lines	332	1	-	1
14	Field Measuring & Reg. Station Equipment	334	3	(1)	2
15	Drilling & Cleaning Equipment	335	-	-	-
16	Other Equipment	337	-	-	-
17	TOTAL PRODUCTION & GATHERING		<u>4</u>	<u>(1)</u>	<u>3</u>
NATURAL GAS STORAGE & PROCESSING PLANT					
18	Land & Land Rights	304	-	-	-
19	Production Plant-Manufactured Gas Plants	305	-	-	-
20	Land	350.1	-	-	-
21	Rights of Way	350.2	-	-	-
22	Structures & Improvements	351	-	-	-
23	Wells	352	-	-	-
24	Lines	353	-	-	-
25	Compressor Station Equipment	354	-	-	-
26	Measuring & Regulating Equipment	355	-	-	-
27	Purification Equipment	356	-	-	-
28	Other Equipment	357	-	-	-
29	TOTAL STORAGE & PROCESSING		<u>-</u>	<u>-</u>	<u>-</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-21
Witness: J.F. Weidmayer
Page 2 of 2

Adjustment - Depreciation expense

Line #	Description	[1] Account Number	[2] 9/30/18 Depreciation Expense	[3] Adjustment To Annualize At New Depre Study Rates	[4] Pro Forma Test Year Depreciation
TRANSMISSION PLANT					
30	Land & Land Rights	365.1	-	-	-
31	Rights of Way	365.2	12	-	12
32	Structures & Improvements	366	1	-	1
33	Mains	367	458	(4)	454
34	Measuring & Regulating Station Equipment	369	101	(2)	99
35	Communication Equipment	370	157	(18)	139
36	Other Equipment	371	9	(2)	7
37	TOTAL TRANSMISSION		738	(26)	712
DISTRIBUTION PLANT					
38	Land & Land Rights	374	51	-	51
39	Structures & Improvements	375	76	4	80
40	Mains	376	24,216	1,174	25,390
41	Measuring & Regulating Station Equipment	378	2,197	248	2,445
42	Measuring & Regulating Station Equipment	379	563	25	588
43	Services	380	24,593	936	25,529
44	Meters	381	3,971	48	4,019
45	Meter Installations	382	1,945	41	1,986
46	House Regulators	383	249	142	391
47	House Regulatory Installations	384	342	14	356
48	Industrial Measuring & Reg. Station Equipment	385	741	(20)	721
49	Other Property	386	24	(1)	23
50	Other Equipment	387	77	7	84
51	TOTAL DISTRIBUTION		59,045	2,618	61,663
GENERAL PLANT					
52	Land & Land Rights	389	-	-	-
53	Structures & Improvements	390	1,792	68	1,860
54	Office Furniture & Equipment	391	9,935	(722)	9,213
55	Transportation Equipment	392	758	4,063	4,821
56	Stores Equipment	393	1	-	1
57	Tools & Garage Equipment	394	1,194	5	1,199
58	Laboratory Equipment	395	19	3	22
59	Power Operated Equipment	396	103	(5)	98
60	Communication Equipment	397	104	18	122
61	Miscellaneous Equipment	398	184	(8)	176
62	Other Tangible Property	399	-	-	-
63	TOTAL GENERAL		14,090	3,422	17,512
64	TOTAL DEPRECIATION		\$ 73,877	\$ 6,013	\$ 79,890
65	CHARGED TO CLEARING ACCOUNTS		\$ (2,157)	\$ (4,083)	\$ (6,240)
66	NET SALVAGE AMORTIZATION		\$ 8,405	\$ 1,012	\$ 9,417

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-31
Witness: S. F. Anzaldo
Page 1 of 1

Adjustment - Taxes Other Than Income Taxes

Line #	Description	[1] Account Number	[2] Factor or Reference	[3] Recorded Amounts 9/30/18	[4] Pro Forma Adjustments	[5] Pro Forma Tax Expense 9/30/18
1	PURTA Taxes	408.1		\$ 862	\$ -	\$ 862
2	Capital Stock	408.1		-		-
3	PA & Local Use taxes	408.1		(175)	-	(175)
4	Social Security	408.1	D-32	2,958	40	2,998
5	FUTA	408.1	D-32	64	1	65
6	SUTA	408.1	D-32	367	5	372
7	PUC Assessment	408.1		3,007	-	3,007
8	Total			<u>\$ 7,083</u>	<u>\$ 46</u>	<u>\$ 7,129</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-32
Witness: S. F. Anzaldo
Page 1 of 1

Adjustment - Payroll Taxes

Line #	Description	[1] Account Number	[2] Test Year 9/30/18 Present Rates	[3] Pro Forma Adjustments	[4] Increase in Payroll Taxes
1	Total Payroll Charged to Expense		<u>\$ 70,714</u>	<u>\$ 951</u>	
2	FICA Expense		<u>2,958</u>		
3	FICA Expense - Percent	L 2 / L 1	<u>4.18%</u>	<u>4.18%</u>	
4	Pro Forma FICA Expense on Pro Forma S&W	[4] L 1 * L 3			\$ 40
5	FUTA Expense		<u>64</u>		
6	FUTA Expense - Percent	L 5 / L 1	<u>0.09%</u>	<u>0.09%</u>	
7	Pro Forma FUTA Expense on Pro Forma S&W	[4] L 1 * L 6			1
8	SUTA Expense		<u>367</u>		
9	SUTA Expense - Percent	L 8 / L 1	<u>0.52%</u>	<u>0.52%</u>	
10	Pro Forma SUTA Expense on Pro Forma S&W	[4] L 1 * L 9			5
11	Pro Forma Adjustment	Sum L 4 to L 10			<u>\$ 46</u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-33
Witness: N. McKinney
Page 1 of 1

Line #	Description	[1] Factor Or Reference	[2] Element Or Amount	[3] Pro Forma Test Year At Present Rates	[4] Revenue Increase	[5] Pro Forma Test Year At Proposed Rates [3] + [4]
1	Revenue			\$ 844,453	\$ 13,629	\$ 858,082
2	Operating Expenses			(631,956)	(184)	(632,139)
3	OIBIT	L 1 + L 2		212,497	13,445	225,943
Interest Expense						
4	Rate Base	Sch A-1	2,022,718			
5	Weighted Cost of Debt	Sch B-7	0.02040			
6	Synchronized Interest Expense	L 4 * L 5		(41,263)	-	(41,263)
7	Base Taxable Income	L 3 + L 6		171,234	13,445	184,680
8	Total Tax Depreciation	Pg 2	\$ 183,263			
9	Pro Forma Book Depreciation	Pg 2	87,422			
10	State Tax Depreciation (Over) Under Book	L 9 - L 8		(95,841)		(95,841)
11	Other				-	-
12	State Taxable Income	Sum L 7 to L 11		\$ 75,393	\$ 13,445	\$ 88,838
13	State Income Tax (Expense)/Refund	L 12 * Rate [2]	9.99%	\$ (7,532)	\$ (1,343)	\$ (8,875)
14	Total Tax Depreciation	Pg 2	\$ 393,563			
15	Pro Forma Book Depreciation	Pg 2	87,422			
16	Federal Tax Deducts (Over) Under Book	L 14 - L 13		(306,141)	-	(306,141)
17	Other				-	-
18	Federal Taxable Income	L 7 + sum L 13 to L 17		(142,439)	12,102	(130,337)
19	Federal Income Tax (Expense)/Refund	-L 18 * Rate [2]	24.50%	34,897	(2,965)	31,932
20	Total Tax Expense before Deferred Income Tax	L 13 + L 19		27,365	(4,308)	23,057
Deferred Federal Income Taxes						
21	Total Straight Line Tax Depreciation	Pg 2	\$ 79,890			
22	Total Tax Depreciation	Pg 2	383,765			
23	Federal Tax Deducts (Over) Under Book	L 22 - L 21		303,875	-	303,875
24	Deferred Federal Taxable Income	L 23		\$ 303,875	\$ -	\$ 303,875
25	Federal Income Tax (Expense)/Refund	-L 24 * Rate [2]	Blended Rate ¹	(73,175)	-	(73,175)
Deferred State Income Taxes						
26	Repairs			(5,281)		(5,281)
27	CIAC			463		463
28	State Deferred Income Tax (Expense)/Refund			(4,818)	-	(4,818)
29	Net Income Tax Expense	L20 + L 25 + L28		(50,628)	(4,308)	(54,936)
Other Tax Adjustments						
30	ITC			318		318
31	Combined Income Tax Expense	L 29 + L 30		\$ (50,310)	\$ (4,308)	\$ (54,618)
32	Federal Income Tax Expense	L 19 + L 25 + L 30				\$ (40,925)
33	State Income Tax Expense	L 13 + L 28				(13,693)
34	Total Income Tax Expense	L 32 + L 33				\$ (54,618)

¹ Due to the 2018 Tax Cuts and Jobs Act, excess deferred income tax is now being flowed back to customers which results in a deferred tax rate other than 21%.

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-34
Witness: N. McKinney
Page 1 of 1

Tax Depreciation

Line #	Description	[1] Amount	[2] Amount	[3] Total
<u>Accelerated Tax Depreciation</u>				
1	Gas Plant		\$ 315,141	
2	Cost of Removal		9,798	
3	Repairs Tax Deduction		79,596	
4	Other Tax Basis Adjustments		<u>(10,972)</u>	
5	Total Federal Accelerated Tax Depreciation			<u>\$ 393,563</u>
6	Adjustment for PA Tax Depreciation - Bonus Decoupling		<u>(210,300)</u>	
7	Total State Accelerated Tax Depreciation			<u><u>\$183,263</u></u>
<u>Straight Line Tax Depreciation</u>				
8	Gas Plant		<u>\$ 79,890</u>	
9	Total Tax Depreciation			<u><u>\$ 79,890</u></u>
<u>Book Depreciation</u>				
10	Pro Forma Book Depreciation		\$ 79,890	
11	Net Salvage Amortization		9,417	
12	Depreciation Charged to Clearing Accounts	(6,240)		
13	Estimated Percent of Clearing Charged to CWIP	<u>30%</u>		
14	Depreciation Charged to CWIP		<u>(1,885)</u>	
15	Book Depreciation for Tax Calculation			<u><u>\$ 87,422</u></u>

UGI Utilities, Inc. - Gas Division (Combined)
Before the Pennsylvania Public Utility Commission
Historic Period - 12 Months Ended September 30, 2018
(\$ in Thousands)

Schedule D-35
Witness: S. F. Anzaldo
Page 1 of 1

Gross Revenue Conversion Factor

Line #	Description	[1] Reference Or Factor	[2] Tax Rate	[3] Factor
<u>GROSS REVENUE CONVERSION FACTOR</u>				
1	GROSS REVENUE FACTOR			1.000000
2	UNCOLLECTIBLE EXPENSES			<u>(0.013480)</u>
3	NET REVENUES	Sum L 1 to L 2		0.986520
4	STATE INCOME TAXES	[3] L 3 * Rate [2]	9.9900%	<u>(0.098553)</u>
5	FACTOR AFTER STATE TAXES	L 3 + L 4		0.887967
6	FEDERAL INCOME TAXES	[3] L 5 * Rate [2]	24.50%	<u>(0.217552)</u>
7	NET OPERATING INCOME FACTOR	L 5 + L 6		<u>0.670415</u>
8	GROSS REVENUE CONVERSION FACTOR	1 / L 7		<u>1.491613</u>
9	Combined Income Tax Factor On Gross Revenues	- L 4 - L 6		<u>31.611%</u>

INCOME TAX FACTOR

10	GROSS REVENUE FACTOR			1.000000
11	STATE INCOME TAXES	[3] L 10 * Rate [2]	9.9900%	<u>(0.099900)</u>
12	FACTOR AFTER STATE TAXES	L 10 + L 11		0.900100
13	FEDERAL INCOME TAXES	[3] L 12 * Rate [2]	24.50%	<u>(0.220525)</u>
14	NET OPERATING INCOME FACTOR	L 12 + L 13		0.679576
15	GROSS REVENUE CONVERSION FACTOR	1 / L 14		<u>1.471507</u>
16	Combined Income Tax Factor On Taxable Income	- L 11 - L 13		<u>32.042%</u>

UGI GAS EXHIBIT B – RATE OF RETURN

UGI Utilities, Inc. – Gas Division

Exhibit to Accompany the

Direct Testimony

of

Paul R. Moul, Managing Consultant
P. Moul & Associates, Inc.

Concerning

Fair Rate of Return

UGI Utilities, Inc. – Gas Division
Index of Schedules

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UGI Utilities, Inc.
Proposed Rate of Return
Estimated at September 30, 2020

<u>Type of Capital</u>	<u>Ratios</u>	<u>Cost Rate</u>	<u>Weighted Cost Rate</u>
Long-Term Debt	45.20%	4.73%	2.14%
Common Equity	<u>54.80%</u>	11.25%	<u>6.17%</u>
Total	<u>100.00%</u>		<u>8.31%</u>

Indicated levels of fixed charge coverage assuming that the Company could actually achieve its proposed rate of return:

Pre-tax coverage of interest expense based upon a 28.8921% composite federal and state income tax rate (10.82% ÷ 2.14%)	5.06 x
Post-tax coverage of interest expense (8.31% ÷ 2.14%)	3.88 x

UGI Utilities, Inc.
Cost of Equity
as of November 31, 2018

Discounted Cash Flow (DCF)	D_1/P_0	+	g	+	lev.	=	k		
Gas Group	2.76%	+	7.00%	+	1.43%	=	11.19%		
Excl. OGS, SWX and SR	2.74%	+	7.25%	+	1.59%	=	11.58%		
Risk Premium (RP)			I	+	RP	=	k		
Gas Group			5.00%	+	6.50%	=	11.50%		
Excl. OGS, SWX and SR			5.00%	+	6.50%	=	11.50%		
Capital Asset Pricing Model (CAPM)	R_f	+	β	x ($R_m - R_f$) +	size	=	k
Gas Group	3.75%	+	0.82	x (8.79%) +	1.02%	=	11.98%
Excl. OGS, SWX and SR	3.75%	+	0.83	x (8.79%) +	1.02%	=	12.07%
Comparable Earnings (CE)					Historical	Forecast	Average		
Comparable Earnings Group					11.7%	13.8%	12.75%		

- References:
- (1) Schedule 07
 - (2) Schedule 09
 - (3) Schedule 10
 - (4) Schedule 11
 - (5) A-rated public utility bond yield comprised of a 3.75% risk-free rate of return (Schedule 14 page 2) and a yield spread of 1.25% (Schedule 12 page 3)
 - (6) Schedule 13 page 1
 - (7) Schedule 14 page 2
 - (8) Schedule 10
 - (9) Schedule 14 page 2
 - (10) Schedule 14 page 3
 - (11) Schedule 15 page 2

UGI UTILITIES INC
Capitalization and Financial Statistics
2013-2017, Inclusive

	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	
			(Millions of Dollars)			
Amount of Capital Employed						
Permanent Capital	\$ 1,765.8	\$ 1,627.8	\$ 1,526.3	\$ 1,490.0	\$ 1,459.8	
Short-Term Debt	\$ 170.0	\$ 112.5	\$ 71.7	\$ 86.3	\$ -	
Total Capital	<u>\$ 1,935.8</u>	<u>\$ 1,740.3</u>	<u>\$ 1,598.0</u>	<u>\$ 1,576.3</u>	<u>\$ 1,459.8</u>	
Capital Structure Ratios						<u>Average</u>
Based on Permanent Capital:						
Long-Term Debt	42.5%	41.2%	40.8%	43.1%	45.2%	42.6%
Common Equity ⁽¹⁾	57.5%	58.8%	59.2%	56.9%	54.8%	57.4%
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>
Based on Total Capital:						
Total Debt incl. Short Term	47.6%	45.0%	43.4%	46.2%	45.2%	45.5%
Common Equity ⁽¹⁾	52.4%	55.0%	56.6%	53.8%	54.8%	54.5%
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>
Rate of Return on Book Common Equity ⁽¹⁾	11.8%	10.5%	13.8%	15.1%	13.1%	12.9%
Operating Ratio ⁽²⁾	75.2%	73.6%	77.6%	77.7%	78.2%	76.5%
Coverage incl. AFUDC ⁽³⁾						
Pre-tax: All Interest Charges	5.68 x	5.34 x	5.88 x	6.40 x	5.35 x	5.73 x
Post-tax: All Interest Charges	3.89 x	3.59 x	3.94 x	4.23 x	3.60 x	3.85 x
Coverage excl. AFUDC ⁽³⁾						
Pre-tax: All Interest Charges	5.68 x	5.34 x	5.88 x	6.40 x	5.35 x	5.73 x
Post-tax: All Interest Charges	3.89 x	3.59 x	3.94 x	4.23 x	3.60 x	3.85 x
Quality of Earnings & Cash Flow						
AFC/Income Avail. for Common Equity	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Effective Income Tax Rate	38.3%	40.4%	39.6%	40.3%	40.3%	39.8%
Internal Cash Generation/Construction ⁽⁴⁾	75.6%	63.0%	80.6%	89.7%	91.1%	80.0%
Gross Cash Flow/ Avg. Total Debt ⁽⁵⁾	33.9%	27.7%	32.3%	32.4%	31.0%	31.5%
Gross Cash Flow Interest Coverage ⁽⁶⁾	7.91 x	6.41 x	6.51 x	6.74 x	6.26 x	6.77 x
Common Dividend Coverage ⁽⁷⁾	5.00 x	4.36 x	3.50 x	2.90 x	3.33 x	3.82 x

See Page 2 for Notes.

UGI Utilities, Inc.
Capitalization and Financial Statistics
2013-2017, Inclusive

Notes:

- (1) Excluding Accumulated Other Comprehensive Income ("OCI") from the equity account..
- (2) Total operating expenses, maintenance, depreciation and taxes other than income as a percentage of operating revenues.
- (3) Coverage calculations represent the number of times available earnings, both including and excluding AFUDC (allowance for funds used during construction) as reported in its entirety, cover fixed charges.
- (4) Internal cash generation/gross construction is the percentage of gross construction expenditures provided by internally-generated funds from operations after payment of all cash dividends divided by gross construction expenditures.
- (5) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less AFUDC) as a percentage of average total debt.
- (6) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) plus interest charges, divided by interest charges.
- (7) Common dividend coverage is the relationship of internally generated funds from operations after payment of preferred stock dividends to common dividends paid.

Source of Information: Utility COMPUSTAT

Gas Group
Capitalization and Financial Statistics ⁽¹⁾
2013-2017, Inclusive

	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	
	(Millions of Dollars)					
Amount of Capital Employed						
Permanent Capital	\$ 4,133.8	\$ 3,746.8	\$ 3,522.8	\$ 3,920.8	\$ 3,454.2	
Short-Term Debt	<u>\$ 402.2</u>	<u>\$ 393.6</u>	<u>\$ 259.5</u>	<u>\$ 330.8</u>	<u>\$ 288.8</u>	
Total Capital	<u>\$ 4,536.0</u>	<u>\$ 4,140.4</u>	<u>\$ 3,782.3</u>	<u>\$ 4,251.6</u>	<u>\$ 3,743.0</u>	
Market-Based Financial Ratios						<u>Average</u>
Price-Earnings Multiple	28 x	22 x	23 x	19 x	18 x	22 x
Market/Book Ratio	224.2%	201.9%	187.7%	187.0%	177.2%	195.6%
Dividend Yield	2.6%	2.8%	3.0%	3.0%	3.4%	3.0%
Dividend Payout Ratio	69.5%	60.7%	67.7%	58.2%	57.9%	62.8%
Capital Structure Ratios						
Based on Permanent Capital:						
Long-Term Debt	47.1%	45.0%	45.9%	46.8%	46.0%	46.2%
Preferred Stock	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Common Equity ⁽²⁾	<u>52.9%</u>	<u>54.9%</u>	<u>54.0%</u>	<u>53.2%</u>	<u>54.0%</u>	<u>53.8%</u>
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>
Based on Total Capital:						
Total Debt incl. Short Term	53.0%	50.5%	51.3%	51.6%	52.5%	51.8%
Preferred Stock	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Common Equity ⁽²⁾	<u>47.0%</u>	<u>49.5%</u>	<u>48.7%</u>	<u>48.4%</u>	<u>47.5%</u>	<u>48.2%</u>
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>
Rate of Return on Book Common Equity ⁽²⁾	8.0%	9.2%	9.4%	9.8%	9.6%	9.2%
Operating Ratio ⁽³⁾	84.1%	82.9%	85.0%	86.6%	86.9%	85.1%
Coverage incl. AFUDC ⁽⁴⁾						
Pre-tax: All Interest Charges	4.22 x	4.88 x	4.85 x	4.71 x	4.36 x	4.60 x
Post-tax: All Interest Charges	3.31 x	3.58 x	3.62 x	3.51 x	3.38 x	3.48 x
Overall Coverage: All Int. & Pfd. Div.	3.31 x	3.58 x	3.62 x	3.51 x	3.38 x	3.48 x
Coverage excl. AFUDC ⁽⁴⁾						
Pre-tax: All Interest Charges	4.19 x	4.82 x	4.79 x	4.67 x	4.29 x	4.55 x
Post-tax: All Interest Charges	3.27 x	3.52 x	3.57 x	3.47 x	3.31 x	3.43 x
Overall Coverage: All Int. & Pfd. Div.	3.27 x	3.52 x	3.57 x	3.47 x	3.31 x	3.43 x
Quality of Earnings & Cash Flow						
AFC/Income Avail. for Common Equity	-4.2%	2.3%	2.4%	1.7%	2.6%	1.0%
Effective Income Tax Rate	39.7%	33.6%	32.6%	32.3%	27.4%	33.1%
Internal Cash Generation/Construction ⁽⁵⁾	59.7%	71.8%	71.2%	85.1%	70.5%	71.7%
Gross Cash Flow/ Avg. Total Debt ⁽⁶⁾	21.5%	23.8%	22.9%	24.4%	22.9%	23.1%
Gross Cash Flow Interest Coverage ⁽⁷⁾	6.75 x	7.39 x	7.00 x	7.15 x	6.50 x	6.96 x
Common Dividend Coverage ⁽⁸⁾	4.23 x	4.63 x	4.51 x	5.08 x	6.19 x	4.93 x

See Page 2 for Notes.

Gas Group
Capitalization and Financial Statistics
2013-2017, Inclusive

Notes:

- (1) All capitalization and financial statistics for the group are the arithmetic average of the achieved results for each individual company in the group.
- (2) Excluding Accumulated Other Comprehensive Income ("OCI") from the equity account.
- (3) Total operating expenses, maintenance, depreciation and taxes other than income taxes as a percent of operating revenues.
- (4) Coverage calculations represent the number of times available earnings, both including and excluding AFUDC (allowance for funds used during construction) as reported in its entirety, cover fixed charges.
- (5) Internal cash generation/gross construction is the percentage of gross construction expenditures provided by internally-generated funds from operations after payment of all cash dividends divided by gross construction expenditures.
- (6) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) plus interest charges, divided by interest charges.
- (7) Gross Cash Flow plus interest charges divided by interest charges.
- (8) Common dividend coverage is the relationship of internally-generated funds from operations after payment of preferred stock dividends to common dividends paid.

Basis of Selection:

The Gas Group includes companies that are contained in The Value Line Investment Survey within the industry group "Natural Gas Utility," they are not currently the target of a publicly-announced merger or acquisition, and after eliminating UGI Corp. due to its highly diversified businesses.

Ticker	Company	Corporate Credit Ratings		Stock Traded	Value Line Beta
		Moody's	S&P		
ATO	Atmos Energy Corp.	A2	A	NYSE	0.60
CPK	Chesapeake Utilities Corp.			NYSE	0.65
NJR	New Jersey Resources Corp.	Aa2	BBB+	NYSE	0.70
NI	NiSource Inc.	Baa2	BBB+	NYSE	0.50
NWN	Northwest Natural Holding Company	A3	A+	NYSE	0.60
OGS	ONE Gas, Inc.	A2	A	NYSE	0.65
SJI	South Jersey Industries, Inc.	A2	BBB	NYSE	0.80
SWX	Southwest Gas Holdings, Inc.	A3	BBB+	NYSE	0.70
SR	Spire, Inc.	A1	A-	NYSE	0.65
	Average	<u>A2</u>	<u>A-</u>		<u>0.65</u>
	Excl. OGS, SWX and SR	<u>A2</u>	<u>A-</u>		<u>0.64</u>

Note: Ratings are those of utility subsidiaries

Source of Information: Utility COMPUSTAT
Moody's Investors Service
Standard & Poor's Corporation

Standard & Poor's Public Utilities
Capitalization and Financial Statistics ⁽¹⁾
2013-2017, Inclusive

	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	
	(Millions of Dollars)					
Amount of Capital Employed						
Permanent Capital	\$ 32,875.9	\$ 31,133.4	\$ 28,468.3	\$ 27,468.3	\$ 25,958.6	
Short-Term Debt	<u>\$ 1,106.5</u>	<u>\$ 1,113.4</u>	<u>\$ 930.9</u>	<u>\$ 963.9</u>	<u>\$ 764.3</u>	
Total Capital	<u>\$ 33,982.4</u>	<u>\$ 32,246.8</u>	<u>\$ 29,399.2</u>	<u>\$ 28,432.2</u>	<u>\$ 26,722.9</u>	
Market-Based Financial Ratios						<u>Average</u>
Price-Earnings Multiple	22 x	21 x	20 x	20 x	19 x	<u>20 x</u>
Market/Book Ratio	206.6%	191.5%	179.3%	179.1%	164.4%	<u>184.2%</u>
Dividend Yield	3.4%	3.6%	3.7%	3.6%	3.9%	<u>3.6%</u>
Dividend Payout Ratio	74.0%	75.0%	70.0%	73.2%	73.3%	<u>73.1%</u>
Capital Structure Ratios						
Based on Permanent Capital:						
Long-Term Debt	56.9%	56.7%	54.9%	53.3%	53.3%	55.0%
Preferred Stock	1.4%	1.8%	1.5%	1.3%	1.1%	1.4%
Common Equity ⁽²⁾	<u>41.7%</u>	<u>41.5%</u>	<u>43.6%</u>	<u>45.4%</u>	<u>45.7%</u>	<u>43.6%</u>
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>
Based on Total Capital:						
Total Debt incl. Short Term	58.4%	58.3%	56.3%	55.0%	54.7%	56.5%
Preferred Stock	1.4%	1.8%	1.5%	1.3%	1.0%	1.4%
Common Equity ⁽²⁾	<u>40.3%</u>	<u>39.9%</u>	<u>42.2%</u>	<u>43.7%</u>	<u>44.3%</u>	<u>42.1%</u>
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>
Rate of Return on Book Common Equity ⁽²⁾	10.4%	9.0%	9.2%	9.6%	9.0%	9.4%
Operating Ratio ⁽³⁾	77.4%	78.8%	80.4%	81.2%	80.7%	79.7%
Coverage incl. AFUDC ⁽⁴⁾						
Pre-tax: All Interest Charges	3.26 x	3.15 x	3.41 x	3.56 x	3.22 x	3.32 x
Post-tax: All Interest Charges	2.78 x	2.53 x	2.65 x	2.71 x	2.48 x	2.63 x
Overall Coverage: All Int. & Pfd. Div.	2.76 x	2.50 x	2.62 x	2.67 x	2.45 x	2.60 x
Coverage excl. AFUDC ⁽⁴⁾						
Pre-tax: All Interest Charges	3.16 x	3.05 x	3.31 x	3.46 x	3.13 x	3.22 x
Post-tax: All Interest Charges	2.68 x	2.43 x	2.55 x	2.62 x	2.39 x	2.53 x
Overall Coverage: All Int. & Pfd. Div.	2.66 x	2.40 x	2.52 x	2.58 x	2.36 x	2.50 x
Quality of Earnings & Cash Flow						
AFC/Income Avail. for Common Equity	6.0%	6.4%	6.0%	7.1%	6.4%	6.4%
Effective Income Tax Rate	18.9%	28.1%	31.5%	28.6%	33.2%	28.1%
Internal Cash Generation/Construction ⁽⁵⁾	76.4%	78.7%	70.6%	88.7%	83.2%	79.5%
Gross Cash Flow/ Avg. Total Debt ⁽⁶⁾	19.6%	20.7%	20.0%	22.8%	22.4%	21.1%
Gross Cash Flow Interest Coverage ⁽⁷⁾	5.47 x	5.56 x	5.39 x	5.66 x	5.46 x	5.51 x
Common Dividend Coverage ⁽⁸⁾	4.26 x	4.37 x	4.23 x	4.80 x	4.41 x	4.41 x

See Page 2 for Notes.

Standard & Poor's Public Utilities
Capitalization and Financial Statistics
2013-2017, Inclusive

Notes:

- (1) All capitalization and financial statistics for the group are the arithmetic average of the achieved results for each individual company in the group.
- (2) Excluding Accumulated Other Comprehensive Income ("OCI") from the equity account
- (3) Total operating expenses, maintenance, depreciation and taxes other than income taxes as a percent of operating revenues.
- (4) Coverage calculations represent the number of times available earnings, both including and excluding AFUDC (allowance for funds used during construction) as reported in its entirety, cover fixed charges.
- (5) Internal cash generation/gross construction is the percentage of gross construction expenditures provided by internally-generated funds from operations after payment of all cash dividends divided by gross construction expenditures.
- (6) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) as a percentage of average total debt.
- (7) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) plus interest charges, divided by interest charges.
- (8) Common dividend coverage is the relationship of internally-generated funds from operations after payment of preferred stock dividends to common dividends paid.

Source of Information: Annual Reports to Shareholders
Utility COMPUSTAT

Standard & Poor's Public Utilities
Company Identities

	Ticker	Credit Rating ⁽¹⁾		Common Stock Traded	Value Line Beta
		Moody's	S&P		
Ameren Corporation	AEE	Baa1	BBB+	NYSE	0.60
American Electric Power	AEP	Baa1	A-	NYSE	0.60
CMS Energy	CMS	A2	BBB+	NYSE	0.55
CenterPoint Energy	CNP	A3	A-	NYSE	0.85
Consolidated Edison	ED	A3	A-	NYSE	0.45
DTE Energy Co.	DTE	A2	BBB+	NYSE	0.60
Dominion Resources	D	A2	BBB+	NYSE	0.60
Duke Energy	DUK	A1	A-	NYSE	0.55
Edison Int'l	EIX	A3	BBB+	NYSE	0.60
Entergy Corp.	ETR	Baa1	BBB+	NYSE	0.60
Exelon Corp.	EXC	A2	BBB	NYSE	0.65
Eversource	NU	A3	A+	NYSE	0.60
FirstEnergy Corp.	FE	Baa1	BBB	NYSE	0.60
NextEra Energy Inc.	NEE	A1	A-	NYSE	0.60
NiSource Inc.	NI	Baa2	BBB+	NYSE	NMF
NRG Energy Inc.	NRG	Ba3	BB	NYSE	1.25
PG&E Corp.	PCG	Baa1	BBB	NYSE	0.65
PPL Corp.	PPL	A3	A-	NYSE	0.70
Pinnacle West Capital	PNW	A2	A-	NYSE	0.60
Public Serv. Enterprise Inc.	PEG	A2	BBB+	NYSE	0.65
SCANA Corp.	SCG	Baa3	BBB-	NYSE	0.65
Sempra Energy	SRE	A2	A-	NYSE	0.75
Southern Co.	SO	Baa1	A-	NYSE	0.50
WEC Energy Group, Inc.	WEC	A2	A-	NYSE	0.55
Xcel Energy Inc	XEL	A2	A-	NYSE	0.55
Average for S&P Utilities		<u>A3</u>	<u>BBB+</u>		<u>0.64</u>

Note: ⁽¹⁾ Ratings are those of utility subsidiaries

Source of Information: SNL Financial LLC
Standard & Poor's Stock Guide
Value Line Investment Survey for Windows

UGI Utilities, Inc.
Capitalization and Related Capital Structure Ratios
Actual at September 30, 2018 and Estimated at September 30, 2019 and September 30, 2020

	Actual at September 30, 2018			Estimated at September 30, 2019			Estimated at September 30, 2020		
	Amount Outstanding (\$000)	Capital Structure Ratios		Amount Outstanding (\$000)	Capital Structure Ratios		Amount Outstanding (\$000)	Capital Structure Ratios	
		Incl. S-T Debt	Excl. S-T Debt		Incl. S-T Debt	Excl. S-T Debt		Incl. S-T Debt	Excl. S-T Debt
Long-Term Debt ⁽¹⁾	\$ 835,313	41.84%	42.86%	\$ 979,063 ⁽²⁾	43.66%	44.29%	\$ 1,122,813 ⁽²⁾	45.20%	45.20%
Common Equity									
Common Stock	60,259			60,259			60,259		
Other Paid-In Capital	473,580			473,580			473,580		
Retained Earnings ⁽³⁾	579,778			697,869 ⁽⁴⁾			827,097 ⁽⁴⁾		
Total Common Equity	<u>1,113,617</u>	<u>55.79%</u>	<u>57.14%</u>	<u>1,231,708</u>	<u>54.93%</u>	<u>55.71%</u>	<u>1,360,936</u>	<u>54.80%</u>	<u>54.80%</u>
Total Permanent Capital	1,948,930	97.63%	<u>100.00%</u>	2,210,771	98.59%	<u>100.00%</u>	2,483,749	100.00%	<u>100.00%</u>
Avg. Net Short-Term Debt ⁽⁴⁾	<u>47,296</u>	<u>2.37%</u>		<u>31,606</u>	<u>1.41%</u>		<u>-</u>	<u>0.00%</u>	
Total Capital Employed	<u>\$ 1,996,226</u>	<u>100.00%</u>		<u>\$ 2,242,377</u>	<u>100.00%</u>		<u>\$ 2,483,749</u>	<u>100.00%</u>	

Notes:

⁽¹⁾ Includes current portion of long-term debt.

⁽²⁾ Reflects change in long-term debt consisting of:

 Principal payments

\$ (6,250)

\$ (6,250)

 New issues

\$ 150,000

\$ 150,000

⁽³⁾ Excludes Accumulated Other Comprehensive Income of:

\$ (20,329)

\$ (20,295)

\$ (17,047)

⁽⁴⁾ Reflects change in retained earnings consisting of:

 Net income

\$ 138,091

\$ 149,228

 Common Dividends

\$ (20,000)

\$ (20,000)

⁽⁴⁾ Average Short-Term Debt

 Balance

\$ 147,542

\$ 131,852

\$ 76,843

 Less: CWIP

(100,246)

(100,246)

(100,246)

 Net

\$ 47,296

\$ 31,606

\$ (23,403)

Source of Information: Company provided data

UGI Utilities, Inc.
Calculation of the Embedded Cost of Long-Term Debt
Actual at September 30, 2018

Series	Date of Maturity	Principal Amount Outstanding (\$000)	Percent to Total	Effective Cost Rate	Weighted Cost Rate ⁽¹⁾
<u>Medium Term Notes</u>					
6.500%	08/15/33	\$ 20,000	2.39%	6.56%	0.16%
6.133%	10/15/34	20,000	2.39%	6.19%	0.15%
<u>Senior Notes</u>					
6.206%	09/30/36	100,000	11.97%	6.32%	0.76%
4.980%	03/26/44	175,000	20.95%	5.00%	1.05%
2.950%	06/30/26	100,000	11.97%	3.92%	0.47%
4.120%	09/30/46	200,000	23.94%	5.01%	1.20%
4.120%	10/31/46	100,000	11.97%	4.28%	0.51%
2.998%	10/31/22	120,313	14.40%	3.12%	0.45%
Total Long-Term Debt		<u>\$ 835,313</u>	<u>100.00%</u>		<u>4.75%</u>

Notes: ⁽¹⁾ As calculated on page 4 of this schedule.

Source of Information: Company provided data

UGI Utilities, Inc.
Calculation of the Embedded Cost of Long-Term Debt
Estimated at September 30, 2019

Series	Date of Maturity	Principal Amount Outstanding <small>(\$000)</small>	Percent to Total	Effective Cost Rate ⁽¹⁾	Weighted Cost Rate
<u>Medium Term Notes</u>					
6.500%	08/15/33	\$ 20,000	2.04%	6.56%	0.13%
6.133%	10/15/34	20,000	2.04%	6.19%	0.13%
<u>Senior Notes</u>					
6.206%	09/30/36	100,000	10.21%	6.32%	0.65%
4.980%	03/26/44	175,000	17.87%	5.00%	0.89%
2.950%	06/30/26	100,000	10.21%	3.92%	0.40%
4.120%	09/30/46	200,000	20.43%	5.01%	1.02%
4.120%	10/31/46	100,000	10.21%	4.28%	0.44%
2.998%	10/31/22	114,063	11.65%	3.12%	0.36%
4.550%	02/01/49	150,000	15.32%	4.58%	0.70%
Total Long-Term Debt		<u>\$ 979,063</u>	<u>100.00%</u>		<u>4.72%</u>

Notes: ⁽¹⁾ As calculated on page 4 of this schedule.

Source of Information: Company provided data

UGI Utilities, Inc.
Calculation of the Embedded Cost of Long-Term Debt
Estimated at September 30, 2020

<u>Series</u>	<u>Date of Maturity</u>	<u>Principal Amount Outstanding</u> (\$000)	<u>Percent to Total</u>	<u>Effective Cost Rate</u> ⁽¹⁾	<u>Weighted Cost Rate</u>
<u>Medium Term Notes</u>					
6.500%	08/15/33	\$ 20,000	1.78%	6.56%	0.12%
6.133%	10/15/34	20,000	1.78%	6.19%	0.11%
<u>Senior Notes</u>					
6.206%	09/30/36	100,000	8.91%	6.32%	0.56%
4.980%	03/26/44	175,000	15.59%	5.00%	0.78%
2.950%	06/30/26	100,000	8.91%	3.92%	0.35%
4.120%	09/30/46	200,000	17.81%	5.01%	0.89%
4.120%	10/31/46	100,000	8.91%	4.28%	0.38%
2.998%	10/31/22	107,813	9.60%	3.12%	0.30%
4.550%	02/01/49	150,000	13.36%	4.58%	0.61%
4.653%	10/31/49	150,000	13.36%	4.68%	0.63%
Total Long-Term Debt		<u>\$ 1,122,813</u>	<u>100.00%</u>		<u>4.73%</u>

Notes: ⁽¹⁾ As calculated on page 4 of this schedule.

Source of Information: Company provided data

UGI Utilities, Inc.
Calculation of the Effective Cost of Long-Term Debt by Series

Series	Date of Issue	Date of Maturity	Average Term in Years ⁽¹⁾	Principal Amount Issued	Premium/Discount & Expense _(\$000)	Net Proceeds	Net Proceeds Ratio	Effective Cost Rate ⁽²⁾
<u>Medium Term Notes</u>								
6.500%	08/14/03	08/15/33	30	\$ 20,000	\$ 150	\$ 19,850	99.25%	6.56%
6.133%	10/14/04	10/15/34	30	20,000	150	19,850	99.25%	6.19%
<u>Senior Notes</u>								
6.206%	11/14/06	09/30/36	30	100,000	1,485	98,515	98.52%	6.32%
4.980%	03/26/14	03/26/44	30	175,000	642	174,358	99.63%	5.00%
2.950%	06/30/16	06/30/26	10	100,000	7,949	92,051	92.05%	3.92%
4.120%	09/30/16	09/30/46	30	200,000	27,366	172,634	86.32%	5.01%
4.120%	10/31/16	10/31/46	30	100,000	2,710	97,290	97.29%	4.28%
2.998%	10/31/17	10/31/22	4.6875	125,000	674	124,326	99.46%	3.12%
4.550%	02/28/19	02/01/49	30	150,000	713	149,288	99.53%	4.58%
4.653%	10/31/19	10/31/49	30	150,000	750	149,250	99.50%	4.68%

Notes: ⁽¹⁾ Determined by taking into account the effect of the annual sinking fund requirements which are met by the retirement of principal which reduce the term of each issue.

⁽²⁾ The effective cost for each issue is the yield to maturity using as inputs the average term of issue, coupon rate, and net proceeds ratio.

Source of Information: Company provided data

**Monthly Dividend Yields for
Natural Gas Group
for the Twelve Months Ending November 2018**

<u>Company</u>	<u>Dec-17</u>	<u>Jan-18</u>	<u>Feb-18</u>	<u>Mar-18</u>	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>	<u>Nov-18</u>	<u>12-Month Average</u>	<u>6-Month Average</u>	<u>3-Month Average</u>
Atmos Energy Corp (ATO)	2.26%	2.35%	2.41%	2.31%	2.24%	2.18%	2.16%	2.12%	2.10%	2.07%	2.27%	2.20%			
Chesapeake Utilities Corp (CPK)	1.66%	1.77%	1.96%	1.85%	1.95%	1.86%	1.85%	1.77%	1.73%	1.77%	1.87%	1.73%			
New Jersey Resources Corporation (NJR)	2.71%	2.82%	2.88%	2.72%	2.65%	2.47%	2.44%	2.54%	2.58%	2.54%	2.60%	2.42%			
NiSource Inc (NI)	2.74%	3.19%	3.38%	3.28%	3.20%	3.09%	2.98%	2.98%	2.89%	3.15%	3.08%	2.96%			
Northwest Natural Holding Company (NWN)	3.19%	3.30%	3.63%	3.30%	3.08%	3.17%	2.98%	2.90%	2.92%	2.84%	2.93%	2.87%			
ONE Gas Inc (OGS)	2.30%	2.61%	2.89%	2.79%	2.65%	2.46%	2.47%	2.40%	2.35%	2.24%	2.34%	2.17%			
South Jersey Industries Inc (SJI)	3.59%	3.83%	4.31%	3.98%	3.64%	3.41%	3.35%	3.32%	3.40%	3.18%	3.92%	3.72%			
Southwest Gas Holdings Inc (SWX)	2.47%	2.71%	3.01%	2.94%	2.87%	2.75%	2.74%	2.68%	2.69%	2.64%	2.71%	2.64%			
Spire Inc. (SR)	3.00%	3.40%	3.34%	3.12%	3.13%	3.18%	3.19%	3.16%	3.04%	3.06%	3.28%	3.02%			
Average	2.66%	2.89%	3.09%	2.92%	2.82%	2.73%	2.68%	2.65%	2.63%	2.61%	2.78%	2.64%	2.76%	2.67%	2.68%
Excl. OGS, SWX and SR	2.69%	2.88%	3.10%	2.91%	2.79%	2.70%	2.63%	2.61%	2.60%	2.59%	2.78%	2.65%	2.74%	2.64%	2.67%

Note: Monthly dividend yields are calculated by dividing the annualized quarterly dividend by the month-end closing stock price adjusted by the fraction of the ex-dividend.

Source of Information: <http://performance.morningstar.com/stock/performance-return>
<http://www.snl.com/interactivex/dividends>

Forward-looking Dividend Yield	1/2 Growth	D₀/P₀	(.5g)	D₁/P₀	Excl. OGS, SWX and SR	Equation
		2.67%	1.035000	2.76%	2.74%	$K = \frac{D_0(1+g)^j + D_0(1+g)^j + D_0(1+g)^j + D_0(1+g)^j}{P_0} + g$
	Discrete	D ₀ /P ₀	Adj.	D ₁ /P ₀	2.76%	$K = \frac{D_0(1+g)^{25} + D_0(1+g)^{50} + D_0(1+g)^{75} + D_0(1+g)^{100}}{P_0} + g$
	Quarterly	D ₀ /P ₀	Adj.	D ₁ /P ₀	2.72%	$K = \left[\left(1 + \frac{D_0(1+g)^{25}}{P_0} \right)^4 - 1 \right] + g$
	Average			2.74%	2.74%	
	Growth rate			7.00%	7.25%	
	K			9.76%	9.99%	

Historical Growth Rates
Earnings Per Share, Dividends Per Share,
Book Value Per Share, and Cash Flow Per Share

Gas Group	Earnings per Share		Dividends per Share		Book Value per Share		Cash Flow per Share	
	Value Line		Value Line		Value Line		Value Line	
	5 Year	10 Year	5 Year	10 Year	5 Year	10 Year	5 Year	10 Year
Atmos Energy Corp (ATO)	9.00%	6.00%	4.50%	3.00%	6.00%	5.00%	5.50%	4.00%
Chesapeake Utilities Corp (CPK)	7.50%	8.50%	5.50%	4.50%	10.00%	9.50%	7.00%	8.50%
New Jersey Resources Corporation (NJR)	5.50%	7.00%	6.50%	7.50%	8.00%	7.00%	8.00%	7.00%
NiSource Inc (NI)	-10.50%	-5.00%	-5.00%	-2.50%	-7.00%	-4.00%	-5.50%	-3.00%
Northwest Natural Holding Company (NWN)	-22.00%	-11.50%	1.50%	3.00%	1.00%	2.50%	-6.50%	-3.00%
ONE Gas Inc (OGS)	-	-	-	-	-	-	-	-
South Jersey Industries Inc (SJI)	-1.50%	2.50%	7.00%	8.50%	8.00%	7.50%	3.50%	5.50%
Southwest Gas Holdings Inc (SWX)	5.00%	6.50%	11.00%	8.00%	5.50%	5.50%	5.00%	4.50%
Spire Inc. (SR)	7.50%	4.00%	5.00%	4.00%	8.00%	7.50%	10.50%	5.50%
Average	0.06%	2.25%	4.50%	4.50%	4.94%	5.06%	3.44%	3.63%
Excl. OGS, SWX and SR	-2.00%	1.25%	3.33%	4.00%	4.33%	4.58%	2.00%	3.17%

Source of Information: Value Line Investment Survey, November 30, 2018

Analysts' Five-Year Projected Growth Rates
Earnings Per Share, Dividends Per Share,
Book Value Per Share, and Cash Flow Per Share

Gas Group	I/B/E/S First Call	Reuters	Zacks	Morningstar	SNL	Value Line				
						Earnings Per Share	Dividends Per Share	Book Value Per Share	Cash Flow Per Share	Percent Retained to Common Equity
Atmos Energy Corp (ATO)	6.45%	6.45%	7.00%	7.00%	5.50%	7.50%	7.00%	5.50%	5.50%	5.50%
Chesapeake Utilities Corp (CPK)	6.00%	7.20%	6.00%	8.10%	8.50%	8.50%	9.00%	9.00%	8.00%	5.50%
New Jersey Resources Corporation	6.65%	6.65%	7.00%	6.80%	6.00%	9.50%	4.00%	9.00%	8.50%	7.50%
NiSource Inc (NI)	5.92%	5.92%	5.50%	5.00%	5.35%	18.00%	9.00%	3.00%	6.50%	4.00%
Northwest Natural Holding Compan	4.00%	4.00%	4.30%	-	4.00%	30.50%	2.50%	1.00%	10.00%	4.50%
ONE Gas Inc (OGS)	5.50%	5.50%	5.70%	-	5.50%	10.50%	10.00%	3.00%	7.00%	5.00%
South Jersey Industries Inc (SJI)	12.70%	12.70%	12.50%	12.40%	8.40%	9.50%	4.00%	4.00%	5.00%	4.50%
Southwest Gas Holdings Inc (SWX)	4.00%	-	4.00%	-	5.00%	9.00%	6.50%	7.50%	6.50%	5.00%
Spire Inc. (SR)	2.70%	2.70%	4.00%	-	3.44%	6.50%	3.50%	3.00%	4.00%	4.00%
Average	5.99%	6.39%	6.22%	7.86%	5.74%	12.17%	6.17%	5.00%	6.78%	5.06%
Excl. OGS, SWX and SR	6.95%	7.15%	7.05%	7.86%	6.29%	13.92%	5.92%	5.25%	7.25%	5.25%

Source of Information :
 Yahoo Finance, December 4, 2018
 Reuters.com, December 4, 2018
 Zacks, December 4, 2018
 Morningstar, December 4 2018
 SNL, December 5, 2018
 Value Line Investment Survey, November 30, 2018

Gas Group
Financial Risk Adjustment

Fiscal Year	ATMOS Energy	Chesapeake	New Jersey	NiSource, Inc	Northwest	ONE Gas Inc	South Jersey	Southwest Gas	Spire Inc.	Average
	(NYSE:ATO)	(NYSE:CPK)	(NYSE:NJR)	(NYSE:NI)	(NYSE:NWN)	(NYSE:OGS)	(NYSE:SJI)	(SWX)	(NYSE:SR)	
	09/30/17	12/31/17	09/30/17	12/31/17	12/31/17	12/31/17	12/31/17	12/31/17	09/30/17	
Capitalization at Fair Values										
Debt(D)	3,382,272	215,400	1,107,676	8,603,400	853,339	1,300,000	1,216,100	1,957,450	2,210,300	2,316,215
Preferred(P)	0	0	0	0	0	0	0	0	0	0
Equity(E)	<u>8,895,813</u>	<u>1,283,856</u>	<u>3,549,373</u>	<u>8,651,196</u>	<u>1,714,102</u>	<u>3,832,415</u>	<u>2,484,318</u>	<u>3,870,321</u>	<u>3,602,851</u>	<u>4,209,360</u>
Total	<u>12,278,085</u>	<u>1,499,256</u>	<u>4,657,049</u>	<u>17,254,596</u>	<u>2,567,441</u>	<u>5,132,415</u>	<u>3,700,418</u>	<u>5,827,771</u>	<u>5,813,151</u>	<u>6,525,576</u>
Capital Structure Ratios										
Debt(D)	27.55%	14.37%	23.78%	49.86%	33.24%	25.33%	32.86%	33.59%	38.02%	30.96%
Preferred(P)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Equity(E)	<u>72.45%</u>	<u>85.63%</u>	<u>76.22%</u>	<u>50.14%</u>	<u>66.76%</u>	<u>74.67%</u>	<u>67.14%</u>	<u>66.41%</u>	<u>61.98%</u>	<u>69.04%</u>
Total	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>
Common Stock										
Issued	106,104.634	16,344.442	86,555.507	337,015.806	28,736.000	52,598.005	79,549.080	48,090.470	48,263.243	
Treasury	0.000	0.000	2,347.380	0.000	0.000	285.489	0.000	0.000	0.000	
Outstanding	106,104.634	16,344.442	84,208.127	337,015.806	28,736.000	52,312.516	79,549.080	48,090.470	48,263.243	
Market Price	\$83.84	\$78.55	\$42.15	\$25.67	\$59.65	\$73.26	\$31.23	\$80.48	\$74.65	
Capitalization at Carrying Amounts										
Debt(D)	3,085,000	205,200	1,097,045	7,796,500	779,887	1,200,000	1,186,800	1,823,922	2,095,000	2,141,039
Preferred(P)	0	0	0	0	0	0	0	0	0	0
Equity(E)	<u>3,898,666</u>	<u>486,294</u>	<u>1,236,643</u>	<u>4,320,100</u>	<u>742,776</u>	<u>1,960,209</u>	<u>1,192,409</u>	<u>1,812,403</u>	<u>1,991,300</u>	<u>1,960,089</u>
Total	<u>6,983,666</u>	<u>691,494</u>	<u>2,333,688</u>	<u>12,116,600</u>	<u>1,522,663</u>	<u>3,160,209</u>	<u>2,379,209</u>	<u>3,636,325</u>	<u>4,086,300</u>	<u>4,101,128</u>
Capital Structure Ratios										
Debt(D)	44.17%	29.67%	47.01%	64.35%	51.22%	37.97%	49.88%	50.16%	51.27%	47.30%
Preferred(P)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Equity(E)	<u>55.83%</u>	<u>70.33%</u>	<u>52.99%</u>	<u>35.65%</u>	<u>48.78%</u>	<u>62.03%</u>	<u>50.12%</u>	<u>49.84%</u>	<u>48.73%</u>	<u>52.70%</u>
Total	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>
Betas	Value Line	0.60	0.65	0.70	0.50	0.60	0.65	0.80	0.70	0.65
Hamada	BI =	Bu	[1+ (1 - t)]	D/E	+	P/E]			
	0.65 =	Bu	[1+ (1-0.21)]	0.4484	+	0.0000]			
	0.65 =	Bu	[1+ 0.79	0.4484	+	0.0000]			
	0.65 =	Bu	1.3542							
	0.48 =	Bu								
Hamada	BI =	0.48	[1+ (1 - t)]	D/E	+	P/E]			
	BI =	0.48	[1+ 0.79	0.8975	+	0.0000]			
	BI =	0.48	1.7090							
	BI =	0.82								
M&M	ku =	ke	- (((ku - i)	-	1-t	)	D / E - (ku - d) P / E			
	8.35% =	9.76%	- (((8.35%	-	0.79	)	30.96% / 69.04% - 8.35% - 5.68%	0.00%	/ 69.04%	
	8.35% =	9.76%	- (((4.00%	)	0.79	)	0.4484	- 2.67%	) 0.0000	
	8.35% =	9.76%	- ((3.16%	)		)	0.4484	- 2.67%	) 0	
	8.35% =	9.76%	- 1.42%					- 0.00%		
M&M	ke =	ku	+ (((ku - i)	-	1-t	)	D / E + (ku - d) P / E			
	11.19% =	8.35%	+ (((8.35%	-	0.79	)	47.30% / 52.70% + 8.35% - 5.68%	0.00%	/ 52.70%	
	11.19% =	8.35%	+ (((4.00%	)	0.79	)	0.8975	+ 2.67%	) 0.0000	
	11.19% =	8.35%	+ ((3.16%	)		)	0.8975	+ 2.67%	) 0	
	11.19% =	8.35%	+ 2.84%					+ 0.00%		

**Interest Rates for Investment Grade Public Utility Bonds
Yearly for 2013-2017
and the Twelve Months Ended November 2018**

<u>Years</u>	<u>Aa Rated</u>	<u>A Rated</u>	<u>Baa Rated</u>	<u>Average</u>
2013	4.24%	4.48%	4.98%	4.57%
2014	4.19%	4.28%	4.80%	4.42%
2015	4.00%	4.12%	5.03%	4.38%
2016	3.73%	3.93%	4.68%	4.11%
2017	3.82%	4.00%	4.38%	4.07%
Five-Year Average	<u>4.00%</u>	<u>4.16%</u>	<u>4.77%</u>	<u>4.31%</u>
<u>Months</u>				
Dec-17	3.62%	3.79%	4.14%	3.85%
Jan-18	3.69%	3.86%	4.18%	3.91%
Feb-18	3.94%	4.09%	4.42%	4.15%
Mar-18	3.97%	4.13%	4.52%	4.21%
Apr-18	3.99%	4.17%	4.58%	4.24%
May-18	4.10%	4.28%	4.71%	4.36%
Jun-18	4.11%	4.27%	4.71%	4.37%
Jul-18	4.10%	4.27%	4.67%	4.35%
Aug-18	4.08%	4.26%	4.64%	4.33%
Sep-18	4.18%	4.32%	4.74%	4.41%
Oct-18	4.31%	4.45%	4.91%	4.56%
Nov-18	4.40%	4.52%	5.03%	4.65%
Twelve-Month Average	<u>4.04%</u>	<u>4.20%</u>	<u>4.60%</u>	<u>4.28%</u>
Six-Month Average	<u>4.20%</u>	<u>4.35%</u>	<u>4.78%</u>	<u>4.45%</u>
Three-Month Average	<u>4.30%</u>	<u>4.43%</u>	<u>4.89%</u>	<u>4.54%</u>

Yields on A-rated Public Utility Bonds and Spreads over 30-Year Treasuries



— A-rated Public Utility	8.31%	7.89%	7.75%	7.60%	7.04%	7.62%	8.24%	7.76%	7.37%	6.58%	6.16%	5.65%	6.07%	6.07%	6.53%	6.04%	5.46%	5.04%	4.13%	4.48%	4.28%	4.12%	3.93%	4.00%
- - Spread vs. 30-year	0.94%	1.01%	1.04%	0.99%	1.46%	1.75%	2.30%	2.27%					1.16%	1.23%	2.25%	1.96%	1.21%	1.13%	1.21%	1.03%	0.94%	1.28%	1.34%	1.10%

Common Equity Risk Premiums
Years 1926-2016

	<u>Large Common Stocks</u>	<u>Long- Term Corp. Bonds</u>	<u>Equity Risk Premium</u>	<u>Long- Term Govt. Bonds Yields</u>
Low Interest Rates	11.97%	4.89%	7.08%	2.96%
Average Across All Interest Rates	11.95%	6.31%	5.64%	5.07%
High Interest Rates	11.93%	7.75%	4.18%	7.22%

Source of Information: 2017 SBBI Yearbook Stocks, Bonds, Bills, and Inflation

Basic Series
Annual Total Returns (except yields)

Year	Large Common Stocks	Long- Term Corp. Bonds	Long- Term Govt. Bonds Yields
1940	-9.78%	3.39%	1.94%
1945	36.44%	4.08%	1.99%
1941	-11.59%	2.73%	2.04%
1949	18.79%	3.31%	2.09%
1946	-8.07%	1.72%	2.12%
1950	31.71%	2.12%	2.24%
1939	-0.41%	3.97%	2.26%
1948	5.50%	4.14%	2.37%
1947	5.71%	-2.34%	2.43%
1942	20.34%	2.60%	2.46%
1944	19.75%	4.73%	2.46%
2012	16.00%	10.68%	2.46%
2014	13.69%	17.28%	2.46%
1943	25.90%	2.83%	2.48%
1938	31.12%	6.13%	2.52%
1936	33.92%	6.74%	2.55%
2011	2.11%	17.95%	2.55%
2015	1.38%	-1.02%	2.68%
1951	24.02%	-2.69%	2.69%
1954	52.62%	5.39%	2.72%
2016	11.96%	6.70%	2.72%
1937	-35.03%	2.75%	2.73%
1953	-0.99%	3.41%	2.74%
1935	47.67%	9.61%	2.76%
1952	18.37%	3.52%	2.79%
1934	-1.44%	13.84%	2.93%
1955	31.56%	0.48%	2.95%
2008	-37.00%	8.78%	3.03%
1932	-8.19%	10.82%	3.15%
1927	37.49%	7.44%	3.17%
1957	-10.78%	8.71%	3.23%
1930	-24.90%	7.98%	3.30%
1933	53.99%	10.38%	3.36%
1928	43.61%	2.84%	3.40%
1929	-8.42%	3.27%	3.40%
1956	6.56%	-6.81%	3.45%
1926	11.62%	7.37%	3.54%
2013	32.39%	-7.07%	3.78%
1960	0.47%	9.07%	3.80%
1958	43.36%	-2.22%	3.82%
1962	-8.73%	7.95%	3.95%
1931	-43.34%	-1.85%	4.07%
2010	15.06%	12.44%	4.14%
1961	26.89%	4.82%	4.15%
1963	22.80%	2.19%	4.17%
1964	16.48%	4.77%	4.23%
1959	11.96%	-0.97%	4.47%
1965	12.45%	-0.46%	4.50%
2007	5.49%	2.60%	4.50%
1966	-10.06%	0.20%	4.55%
2009	26.46%	3.02%	4.58%
2005	4.91%	5.87%	4.61%
2002	-22.10%	16.33%	4.84%
2004	10.88%	8.72%	4.84%
2006	15.79%	3.24%	4.91%
2003	28.68%	5.27%	5.11%
1998	28.58%	10.76%	5.42%
1967	23.98%	-4.95%	5.56%
2000	-9.10%	12.87%	5.58%
2001	-11.89%	10.65%	5.75%
1971	14.30%	11.01%	5.97%
1968	11.06%	2.57%	5.98%
1972	18.99%	7.26%	5.99%
1997	33.36%	12.95%	6.02%
1995	37.58%	27.20%	6.03%
1970	3.86%	18.37%	6.48%
1993	10.08%	13.19%	6.54%
1996	22.96%	1.40%	6.73%
1999	21.04%	-7.45%	6.82%
1969	-8.50%	-8.09%	6.87%
1976	23.93%	18.65%	7.21%
1973	-14.69%	1.14%	7.26%
1992	7.62%	9.39%	7.26%
1991	30.47%	19.89%	7.30%
1974	-26.47%	-3.06%	7.60%
1986	18.67%	19.85%	7.89%
1994	1.32%	-5.76%	7.99%
1977	-7.16%	1.71%	8.03%
1975	37.23%	14.64%	8.05%
1989	31.69%	16.23%	8.16%
1990	-3.10%	6.78%	8.44%
1978	6.57%	-0.07%	8.98%
1988	16.61%	10.70%	9.19%
1987	5.25%	-0.27%	9.20%
1985	31.73%	30.09%	9.56%
1979	18.61%	-4.18%	10.12%
1982	21.55%	42.56%	10.95%
1984	6.27%	16.86%	11.70%
1983	22.56%	6.26%	11.97%
1980	32.50%	-2.76%	11.99%
1981	-4.92%	-1.24%	13.34%

**Yields for Treasury Constant Maturities
Yearly for 2013-2017
and the Twelve Months Ended November 2018**

<u>Years</u>	<u>1-Year</u>	<u>2-Year</u>	<u>3-Year</u>	<u>5-Year</u>	<u>7-Year</u>	<u>10-Year</u>	<u>20-Year</u>	<u>30-Year</u>
2013	0.13%	0.31%	0.54%	1.17%	1.74%	2.35%	3.12%	3.45%
2014	0.12%	0.46%	0.90%	1.64%	2.14%	2.54%	3.07%	3.34%
2015	0.32%	0.69%	1.03%	1.53%	1.89%	2.14%	2.55%	2.84%
2016	0.61%	0.84%	1.01%	1.34%	1.64%	1.84%	2.23%	2.60%
2017	1.20%	1.40%	1.58%	1.91%	2.16%	2.33%	2.65%	2.90%
Five-Year Average	<u>0.48%</u>	<u>0.74%</u>	<u>1.01%</u>	<u>1.52%</u>	<u>1.91%</u>	<u>2.24%</u>	<u>2.72%</u>	<u>3.03%</u>
<u>Months</u>								
Dec-17	1.70%	1.84%	1.96%	2.18%	2.32%	2.40%	2.60%	2.77%
Jan-18	1.80%	2.03%	2.15%	2.38%	2.51%	2.58%	2.73%	2.88%
Feb-18	1.96%	2.18%	2.36%	2.60%	2.78%	2.86%	3.02%	3.13%
Mar-18	2.06%	2.28%	2.42%	2.63%	2.77%	2.84%	2.97%	3.09%
Apr-18	2.15%	2.38%	2.52%	2.70%	2.82%	2.87%	2.96%	3.07%
May-18	2.27%	2.51%	2.66%	2.82%	2.93%	2.98%	3.05%	3.13%
Jun-18	2.33%	2.53%	2.65%	2.78%	2.87%	2.91%	2.98%	3.05%
Jul-18	2.39%	2.61%	2.70%	2.78%	2.85%	2.89%	2.94%	3.01%
Aug-18	2.45%	2.64%	2.71%	2.77%	2.84%	2.89%	2.97%	3.04%
Sep-18	2.56%	2.77%	2.84%	2.89%	2.96%	3.00%	3.08%	3.15%
Oct-18	2.65%	2.86%	2.94%	3.00%	3.09%	3.15%	3.27%	3.34%
Oct-18	2.70%	2.86%	2.91%	2.95%	3.04%	3.12%	3.27%	3.36%
Twelve-Month Average	<u>2.25%</u>	<u>2.46%</u>	<u>2.57%</u>	<u>2.71%</u>	<u>2.82%</u>	<u>2.87%</u>	<u>2.99%</u>	<u>3.09%</u>
Six-Month Average	<u>2.51%</u>	<u>2.71%</u>	<u>2.79%</u>	<u>2.86%</u>	<u>2.94%</u>	<u>2.99%</u>	<u>3.09%</u>	<u>3.16%</u>
Three-Month Average	<u>2.64%</u>	<u>2.83%</u>	<u>2.90%</u>	<u>2.95%</u>	<u>3.03%</u>	<u>3.09%</u>	<u>3.21%</u>	<u>3.28%</u>

Measures of the Risk-Free Rate & Corporate Bond Yields

The forecast of Treasury and Corporate yields
per the consensus of nearly 50 economists
reported in the Blue Chip Financial Forecasts dated December 1, 2018

Year	Quarter	Treasury					Corporate	
		1-Year Bill	2-Year Note	5-Year Note	10-Year Note	30-Year Bond	Aaa Bond	Baa Bond
2018	Fourth	2.7%	2.9%	3.0%	3.2%	3.4%	4.2%	5.1%
2019	First	2.8%	3.0%	3.1%	3.3%	3.5%	4.5%	5.3%
2019	Second	3.0%	3.1%	3.2%	3.4%	3.6%	4.6%	5.5%
2019	Third	3.1%	3.2%	3.3%	3.4%	3.6%	4.7%	5.5%
2019	Fourth	3.1%	3.2%	3.4%	3.4%	3.7%	4.8%	5.6%
2020	First	3.1%	3.2%	3.3%	3.4%	3.7%	4.8%	5.6%

Measures of the Market Premium

Value Line Return

As of:	Dividend Yield	+	Median Appreciation Potential	=	Median Total Return
30-Nov-18	2.2%		11.58%		13.78%

DCF Result for the S&P 500 Composite

D/P	(1+.5g)	+	g	=	k
1.90%	(1.0550)		11.00%		13.00%

where:	Price (P)	at	30-Nov-18	=	2695.95
	Dividend (D)	for	1st Qtr. '18	=	12.79
	Dividend (D)		annualized	=	51.16
	Growth (g)	by	First Call	=	11.00%

Summary

Value Line		13.78%
S&P 500		13.00%
Average		13.39%
Risk-free Rate of Return (Rf)		3.75%
Forecast Market Premium		9.64%
Historical Market Premium (Rm)	(Rf)	
1926-2016 Arith. mean	11.96%	4.02%
		7.94%
Average - Forecast/Historical		8.79%

Exhibit 7.8: Size-Decile Portfolios of the NYSE/NYSE MKT/NASDAQ Long-Term Returns in Excess of CAPM
1926–2016

<u>Size Grouping</u>	<u>OLS Beta</u>	<u>Arithmetic Mean</u>	<u>Return in Excess of Risk-free Rate (actual)</u>	<u>Return in Excess of Risk-free Rate (as predicted by CAPM)</u>	<u>Size Premium</u>
Mid-Cap (3–5)	1.12	13.82%	8.80%	7.79%	1.02%
Low-Cap (6–8)	1.22	15.26%	10.24%	8.49%	1.75%
Micro-Cap (9–10)	1.35	18.04%	13.02%	9.35%	3.67%
<u>Breakdown of Deciles 1–10</u>					
1-Largest	0.92	11.05%	6.04%	6.38%	-0.35%
2	1.04	12.82%	7.81%	7.19%	0.61%
3	1.11	13.57%	8.55%	7.66%	0.89%
4	1.13	13.80%	8.78%	7.80%	0.98%
5	1.17	14.62%	9.60%	8.09%	1.51%
6	1.17	14.81%	9.79%	8.14%	1.66%
7	1.25	15.41%	10.39%	8.67%	1.72%
8	1.30	16.14%	11.12%	9.04%	2.08%
9	1.34	16.97%	11.96%	9.28%	2.68%
10-Smallest	1.39	20.27%	15.25%	9.66%	5.59%

Betas are estimated from monthly returns in excess of the 30-day U.S. Treasury bill total return, January 1926–December 2016. Historical riskless rate measured by the 91-year arithmetic mean income return component of 20-year government bonds (5.02%). Calculated in the context of the CAPM by multiplying the equity risk premium by beta. The equity risk premium is estimated by the arithmetic mean total return of the S&P 500 (11.95%) minus the arithmetic mean income return component of 20-year government bonds (5.02%) from 1926–2016. Source: Morningstar *Direct* and CRSP. Calculated based on data from CRSP US Stock Database and CRSP US Indices Database ©2017 Center for Research. Used with permission. All calculations performed by Duff & Phelps, LLC.

Comparable Earnings Approach

Using Non-Utility Companies with
Timeliness of 1, 2 & 3; Safety Rank of 1, 2 & 3; Financial Strength of B+, B++, A & A+;
Price Stability of 75 to 100; Betas of .50 to .80; and Technical Rank of 2, 3 & 4

Company	Industry	Timeliness Rank	Safety Rank	Financial Strength	Price Stability	Beta	Technical Rank
Allstate Corporation	Insurance (Prop/Cas.)	2	1	A+	100	0.80	2
CH Robinson Worldwide Inc	Industrial Services	3	2	A	80	0.80	3
Cheesecake Factory Inc	Restaurant	3	3	A	75	0.70	3
Church and Dwight Co Inc	Household Products	1	1	A+	100	0.70	3
Clorox Co	Household Products	2	2	B++	100	0.65	3
CME Group Inc	Brokers & Exchanges	1	2	A	90	0.75	4
Colgate Palmolive Co	Household Products	3	1	A+	100	0.80	4
Costco Wholesale Corporation	Retail Store	1	1	A+	95	0.80	2
Crown Castle International Corporation	Wireless Networking	1	3	B+	90	0.80	3
Darden Restaurants Inc	Restaurant	1	3	B++	75	0.80	3
Dunkin Brands Group Inc	Restaurant	1	3	B+	80	0.60	3
Erie Indemnity Company	Insurance (Prop/Cas.)	1	2	B++	100	0.80	3
Estee Lauder Companies Inc	Toiletries/Cosmetics	2	2	A	95	0.80	3
Forrester Research Inc	Information Services	3	3	B+	85	0.75	3
General Mills Inc	Food Processing	3	1	A	95	0.75	4
Hershey Company	Food Processing	2	2	B++	90	0.75	3
Hormel Foods Corporation	Food Processing	1	2	A	85	0.65	3
Intercontinental Exch.	Brokers & Exchanges	2	2	A	90	0.80	3
J and J Snack Foods Corp	Food Processing	2	1	A+	90	0.75	3
Kellogg Company	Food Processing	2	1	A	95	0.70	2
Lancaster Colony Corporation	Food Processing	1	2	A	90	0.75	4
McCormick and Co	Food Processing	1	1	A	95	0.75	3
Republic Services Inc	Environmental	2	2	B++	100	0.75	4
Sysco Corp	Retail/Wholesale Food	2	1	A+	95	0.75	2
Vail Resorts	Hotel/Gaming	3	3	B+	80	0.80	3
Waste Management	Environmental	1	1	A	100	0.75	4
WD 40 Co	Household Products	1	2	A	90	0.80	2
Yum Brands Inc	Restaurant	3	2	B+	100	0.75	3
Average		2	2		91	0.75	3
Gas Group	Average	3	2	A	87	0.65	3

Source of Information: Value Line Investment Survey for Windows, December 2018

Comparable Earnings Approach
Five -Year Average Historical Earned Returns
for Years 2013-2017 and
Projected 3-5 Year Returns

<u>Company</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>Average</u>	<u>Projected 2021-23</u>
Allstate Corporation	12.8%	10.7%	10.6%	9.0%	11.0%	10.8%	12.5%
CH Robinson Worldwide Inc	44.3%	43.0%	44.3%	40.8%	34.6%	41.4%	32.5%
Cheesecake Factory Inc	19.7%	18.3%	20.4%	23.1%	20.4%	20.4%	22.5%
Church and Dwight Co Inc	17.1%	19.7%	21.4%	23.5%	22.4%	20.8%	19.0%
Clorox Co	NMF	NMF	NMF	NMF	NMF	-	71.0%
CME Group Inc	4.6%	5.4%	6.1%	7.5%	18.1%	8.3%	8.5%
Colgate Palmolive Co	97.2%	NMF	-	NMF	NMF	97.2%	NMF
Costco Wholesale Corporation	18.2%	16.7%	22.0%	19.5%	23.8%	20.0%	22.0%
Crown Castle International Corporation	1.3%	5.8%	21.5%	4.7%	3.6%	7.4%	5.0%
Darden Restaurants Inc	20.0%	8.5%	14.7%	23.4%	24.0%	18.1%	30.0%
Dunkin Brands Group Inc	40.7%	50.7%	-	NMF	NMF	45.7%	NMF
Erie Indemnity Company	-	23.8%	22.7%	25.8%	22.3%	23.7%	27.0%
Estee Lauder Companies Inc	31.0%	31.2%	29.9%	31.2%	28.5%	30.4%	47.0%
Forrester Research Inc	9.7%	13.2%	16.1%	16.5%	15.8%	14.3%	17.0%
General Mills Inc	26.8%	27.9%	35.3%	36.3%	42.6%	33.8%	25.5%
Hershey Company	52.6%	61.6%	91.2%	120.7%	109.2%	87.1%	42.5%
Hormel Foods Corporation	15.9%	16.7%	17.9%	20.0%	17.2%	17.5%	18.5%
Intercontinental Exch.	5.1%	8.9%	9.2%	10.6%	10.4%	8.8%	12.0%
J and J Snack Foods Corp	12.5%	12.8%	11.7%	11.9%	11.6%	12.1%	12.0%
Kellogg Company	38.9%	50.1%	59.1%	69.0%	64.0%	56.2%	32.0%
Lancaster Colony Corporation	21.8%	19.1%	17.5%	23.7%	20.0%	20.4%	25.0%
McCormick and Co	21.5%	24.4%	26.9%	29.7%	21.4%	24.8%	19.0%
Republic Services Inc	9.0%	9.0%	9.3%	9.9%	10.3%	9.5%	13.5%
Sysco Corp	19.1%	17.7%	20.9%	34.9%	57.1%	29.9%	76.5%
Vail Resorts	4.5%	2.9%	13.0%	17.1%	13.4%	10.2%	14.5%
Waste Management	17.7%	19.7%	21.6%	24.5%	23.7%	21.4%	25.5%
WD 40 Co	22.2%	25.8%	28.4%	37.5%	36.8%	30.1%	32.5%
Yum Brands Inc	63.3%	90.5%	NMF	-	-	76.9%	NMF
Average						<u>29.5%</u>	<u>26.5%</u>
Average (excluding companies with values >20%)						<u>11.7%</u>	<u>13.8%</u>

Comparable Earnings Approach

Screening Parameters

Timeliness Rank

The rank for a stock's probable relative market performance in the year ahead. Stocks ranked 1 (Highest) or 2 (Above Average) are likely to outpace the year-ahead market. Those ranked 4 (Below Average) or 5 (Lowest) are not expected to outperform most stocks over the next 12 months. Stocks ranked 3 (Average) will probably advance or decline with the market in the year ahead. Investors should try to limit purchases to stocks ranked 1 (Highest) or 2 (Above Average) for Timeliness.

Safety Rank

A measure of potential risk associated with individual common stocks rather than large diversified portfolios (for which Beta is good risk measure). Safety is based on the stability of price, which includes sensitivity to the market (see Beta) as well as the stock's inherent volatility, adjusted for trend and other factors including company size, the penetration of its markets, product market volatility, the degree of financial leverage, the earnings quality, and the overall condition of the balance sheet. Safety Ranks range from 1 (Highest) to 5 (Lowest). Conservative investors should try to limit purchases to equities ranked 1 (Highest) or 2 (Above Average) for Safety.

Financial Strength

The financial strength of each of the more than 1,600 companies in the VS II data base is rated relative to all the others. The ratings range from A++ to C in nine steps. (For screening purposes, think of an A rating as "greater than" a B). Companies that have the best relative financial strength are given an A++ rating, indicating ability to weather hard times better than the vast majority of other companies. Those who don't quite merit the top rating are given an A+ grade, and so on. A rating as low as C++ is considered satisfactory. A rating of C+ is well below average, and C is reserved for companies with very serious financial problems. The ratings are based upon a computer analysis of a number of key variables that determine (a) financial leverage, (b) business risk, and (c) company size, plus the judgment of Value Line's analysts and senior editors regarding factors that cannot be quantified across-the-board for companies. The primary variables that are indexed and studied include equity coverage of debt, equity coverage of intangibles, "quick ratio", accounting methods, variability of return, fixed charge coverage, stock price stability, and company size.

Price Stability Index

An index based upon a ranking of the weekly percent changes in the price of the stock over the last five years. The lower the standard deviation of the changes, the more stable the stock. Stocks ranking in the top 5% (lowest standard deviations) carry a Price Stability Index of 100; the next 5%, 95; and so on down to 5. One standard deviation is the range around the average weekly percent change in the price that encompasses about two thirds of all the weekly percent change figures over the last five years. When the range is wide, the standard deviation is high and the stock's Price Stability Index is low.

Beta

A measure of the sensitivity of the stock's price to overall fluctuations in the New York Stock Exchange Composite Average. A Beta of 1.50 indicates that a stock tends to rise (or fall) 50% more than the New York Stock Exchange Composite Average. Use Beta to measure the stock market risk inherent in any diversified portfolio of, say, 15 or more companies. Otherwise, use the Safety Rank, which measures total risk inherent in an equity, including that portion attributable to market fluctuations. Beta is derived from a least squares regression analysis between weekly percent changes in the price of a stock and weekly percent changes in the NYSE Average over a period of five years. In the case of shorter price histories, a smaller time period is used, but two years is the minimum. The Betas are periodically adjusted for their long-term tendency to regress toward 1.00.

Technical Rank

A prediction of relative price movement, primarily over the next three to six months. It is a function of price action relative to all stocks followed by Value Line. Stocks ranked 1 (Highest) or 2 (Above Average) are likely to outpace the market. Those ranked 4 (Below Average) or 5 (Lowest) are not expected to outperform most stocks over the next six months. Stocks ranked 3 (Average) will probably advance or decline with the market. Investors should use the Technical and Timeliness Ranks as complements to one another.

UGI GAS EXHIBIT E – PROOF OF REVENUE

UGI Utilities, Inc. - Gas Division
Proof of Revenue Summary - Total Revenue
for the 12-Months Ending September 30, 2020

Rate Class	Customers	Sales	Present Revenue	Proposed Revenue	Revenue Change	Percent Change from Present Revenue	Percent of Total Rate Increase
R/RT	592,467	49,536,785	\$ 480,970,031	\$ 535,760,394	\$ 54,790,364	11.4%	77.1%
N/NT	68,144	29,799,654	\$ 195,445,569	\$ 208,998,713	\$ 13,553,143	6.9%	19.1%
DS	1,554	10,878,010	\$ 34,184,844	\$ 35,475,880	\$ 1,291,036	3.8%	1.8%
LFD	470	21,640,265	\$ 35,824,069	\$ 36,426,971	\$ 602,902	1.7%	0.8%
XD - Firm	54	164,383,646	\$ 33,397,806	\$ 34,350,074	\$ 952,268	2.9%	1.3%
Interruptible	380	55,812,941	\$ 15,007,007	\$ 14,906,916	\$ (100,091)	-0.7%	-0.1%
Subtotal	663,069	332,051,301	\$ 794,829,326	\$ 865,918,948	\$ 71,089,622	8.9%	
Other Operating Revenue			\$ 5,879,559	\$ 5,879,559	\$ -		
Total	663,069	332,051,301	\$ 800,708,885	\$ 871,798,507	\$ 71,089,622	8.9%	

UGI Utilities, Inc. - Gas Division
Residential Service - Rate Schedules R & RT
Calculation of the Effect of Proposed Rates
12-Months Ending September 30, 2020

	Description	Number of Bills (1)	Pro Forma Consumption Mcf (2)	Current Rate (3)	Current Revenue (4)	Proposed Rate (6)	Proposed Revenue (7)	Proposed Revenue Change (8)	% Change (9)
South District	Customer Charge	4,398,744		\$ 11.75	\$ 51,685,242	\$ 19.00	\$ 83,576,136	\$ 31,890,894	
	GET Gas Customer Charge	5,760		\$ 41.09	\$ 236,673	\$ 44.32	\$ 236,673	\$ -	
	Distribution Charges		26,627,247	\$ 2.9717	\$ 79,128,190	\$ 3.7971	\$ 101,106,320	\$ 21,978,130	
	State Tax Adjustment Surcharge (STAS) - Rider A			-0.03%	\$ (73,118)	0.00%	\$ -	\$ 73,118	
	Purchased Gas Costs (PGC) - Rider B		21,611,577	\$ 4.7354	\$ 102,339,460	\$ 4.3967	\$ 95,019,619	\$ (7,319,841)	
	TCJA Temporary Surcharge - Rider C			-4.71%	\$ (6,369,634)	\$ -	\$ -	\$ 6,369,634	
	Merchant Function Charge (MFC) - Rider D		21,611,577	2.19%	\$ 2,241,234	2.08%	\$ 1,976,408	\$ (264,826)	
	Gas Procurement Charge (GPC) - Rider E		21,611,577	\$ 0.0900	\$ 1,945,042	\$ 0.0660	\$ 1,426,364	\$ (518,678)	
	Universal Service Program (USP) - Rider F		25,644,702	\$ 0.1137	\$ 2,915,803	\$ 0.1743	\$ 4,469,871	\$ 1,554,069	
	Energy Efficiency & Conservation Rider (EEC) - Rider G		26,627,247	\$ 0.1757	\$ 4,678,407	\$ 0.1264	\$ 3,365,684	\$ (1,312,723)	
	Distribution System Improvement Charge (DSIC) - Rider I		26,627,247	3.45%	\$ 4,927,655	0.00%	\$ -	\$ (4,927,655)	
	Total - Rates R/RT - South District	4,398,744	26,627,247		\$ 243,654,954		\$ 291,177,075	\$ 47,522,121	19.5%
North District	Customer Charge	1,852,452		\$ 13.25	\$ 24,544,989	\$ 19.00	\$ 35,196,588	\$ 10,651,599	
	GET Gas Customer Charge	2,568		\$ 37.89	\$ 97,309	\$ 37.89	\$ 97,309	\$ -	
	Distribution Charges		16,401,792	\$ 4.0772	\$ 66,873,387	\$ 3.7971	\$ 62,279,245	\$ (4,594,142)	
	State Tax Adjustment Surcharge (STAS) - Rider A			0.00%	\$ -	0.00%	\$ -	\$ -	
	Purchased Gas Costs (PGC) - Rider B		15,615,004	\$ 4.0678	\$ 63,518,712	\$ 4.3967	\$ 68,654,487	\$ 5,135,775	
	TCJA Temporary Surcharge - Rider C			-2.87%	\$ (2,678,683)	0.00%	\$ -	\$ 2,678,683	
	Merchant Function Charge (MFC) - Rider D		15,615,004	1.83%	\$ 1,162,392	2.08%	\$ 1,428,013	\$ 265,621	
	Gas Procurement Charge (GPC) - Rider E		15,615,004	\$ 0.0420	\$ 655,830	\$ 0.0660	\$ 1,030,590	\$ 374,760	
	Universal Service Program (USP) - Rider F		15,673,553	\$ 0.2337	\$ 3,662,909	\$ 0.1743	\$ 2,731,900	\$ (931,009)	
	Energy Efficiency & Conservation Rider (EEC) - Rider G		16,401,792	\$ 0.0663	\$ 1,087,439	\$ 0.1264	\$ 2,073,187	\$ 985,748	
	Distribution System Improvement Charge (DSIC) - Rider I		16,401,792	0.72%	\$ 706,207	0.00%	\$ -	\$ (706,207)	
	Total - Rates R/RT - North District	1,852,452	16,401,792		\$ 159,630,491		\$ 173,491,319	\$ 13,860,828	8.7%
Central District	Customer Charge	858,408		\$ 14.60	\$ 12,532,757	\$ 19.00	\$ 16,309,752	\$ 3,776,995	
	GET Gas Customer Charge	1,320		\$ 18.49	\$ 24,402	\$ 18.49	\$ 24,402	\$ -	
	Distribution Charges		6,507,746	\$ 5.7520	\$ 37,432,555	\$ 3.7971	\$ 24,710,562	\$ (12,721,993)	
	State Tax Adjustment Surcharge (STAS) - Rider A			-0.36%	\$ (280,675)	0.00%	\$ -	\$ 280,675	
	Purchased Gas Costs (PGC) - Rider B		6,176,780	\$ 4.0043	\$ 24,733,681	\$ 4.3967	\$ 27,157,450	\$ 2,423,769	
	TCJA Temporary Surcharge - Rider C			-6.34%	\$ (3,220,452)	0.00%	\$ -	\$ 3,220,452	
	Merchant Function Charge (MFC) - Rider D		6,176,780	2.26%	\$ 558,981	2.08%	\$ 564,875	\$ 5,894	
	Gas Procurement Charge (GPC) - Rider E		6,176,780	\$ 0.0400	\$ 247,071	\$ 0.0660	\$ 407,667	\$ 160,596	
	Universal Service Program (USP) - Rider F		6,280,626	\$ 0.2735	\$ 1,717,751	\$ 0.1743	\$ 1,094,713	\$ (623,038)	
	Energy Efficiency & Conservation Rider (EEC) - Rider G		6,507,746	\$ -	\$ -	\$ 0.1264	\$ 822,579	\$ 822,579	
	Distribution System Improvement Charge (DSIC) - Rider I		6,507,746	7.50%	\$ 3,938,514	0.00%	\$ -	\$ (3,938,514)	
	Total - Rates R/RT - Central District	858,408	6,507,746		\$ 77,684,585		\$ 71,092,000	\$ (6,592,585)	-8.5%
Total UGI Utilities, Inc. - Gas Division		7,109,604	49,536,785		\$ 480,970,031		\$ 535,760,394	\$ 54,790,364	11%

UGI Utilities, Inc. - Gas Division
Non-Residential Service - Rate Schedules N & NT
Calculation of the Effect of Proposed Rates
12-Months Ending September 30, 2020

UGI Gas Exhibit E
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	Description	Number of Bills (1)	Pro Forma Consumption Mcf (2)	Current Rate (3)	Current Revenue (4)	Proposed Rate (6)	Proposed Revenue (7)	Proposed Revenue Change (8)	% Change (9)	
South District	Customer Charges									
	Rate N/NT - Rate N/NT	490,128		\$ 16.00	\$ 7,842,048	\$ 37.00	\$ 18,134,736	\$ 10,292,688		
	Rate DS - Rate NT	-		\$ 290.00	\$ -	\$ 37.00	\$ -	\$ -		
	Total Customer Charges	490,128			\$ 7,842,048		\$ 18,134,736	\$ 10,292,688		
	Distribution Charges									
	Rate N/NT - Rate N/NT		18,166,946	\$ 3.6867	\$ 66,976,079	\$ 3.3523	\$ 60,900,326	\$ (6,075,753)		
	Rate DS - Rate NT									
	First 500 Mcf		-	\$ 3.5383	\$ -	\$ 3.3523	\$ -	\$ -		
	Over 500 Mcf		-	\$ 3.0383	\$ -	\$ 3.3523	\$ -	\$ -		
	Total Rate DS - Rate NT		-		\$ -		\$ -	\$ -		
	Total Distribution Charges		18,166,946			\$ 66,976,079		\$ 60,900,326	\$ (6,075,753)	
	State Tax Adjustment Surcharge (STAS) - Rider A			-0.03%	\$ (35,766)	0.00%	\$ -	\$ 35,766		
	Purchased Gas Costs (PGC) - Rider B		9,170,827	\$ 4.7354	\$ 43,427,532	\$ 4.3967	\$ 40,321,373	\$ (3,106,159)		
	TCIA Temporary Surcharge - Rider C			-4.71%	\$ (3,570,172)	0.00%	\$ -	\$ 3,570,172		
	Merchant Function Charge (MFC) - Rider D		9,170,827	0.36%	\$ 156,339	0.24%	\$ 96,771	\$ (59,568)		
Gas Procurement Charge (GPC) - Rider E		9,170,827	\$ 0.0900	\$ 825,374	\$ 0.0660	\$ 605,275	\$ (220,100)			
Energy Efficiency & Conservation Rider (EEC) - Rider G										
Rate N/NT - Rate N/NT		18,166,946	\$ 0.0505	\$ 917,431	\$ 0.0551	\$ 1,000,999	\$ 83,568			
Rate DS - Rate NT		-	\$ (0.0161)	\$ -	\$ 0.0551	\$ -	\$ -			
Total EEC Charges		18,166,946		\$ 917,431		\$ 1,000,999	\$ 83,568			
Distribution System Improvement Charge (DSIC) - Rider I		18,166,946	3.45%	\$ 2,646,746	0.00%	\$ -	\$ (2,646,746)			
Gas Delivery Enhancement Rider (GDE) - Rider J (Rate DS - Rate N)		-	\$ -	\$ -	\$ -	\$ -	\$ -			
Total - Rates N/NT - South District		490,128	18,166,946		\$ 119,185,610		\$ 121,059,479	\$ 1,873,869	1.6%	
North District	Customer Charges									
	Rate N/NT - Rate N/NT	197,351		\$ 34.00	\$ 6,709,926	\$ 37.00	\$ 7,301,979	\$ 592,052		
	Rate DS - Rate NT	-		\$ 229.00	\$ -	\$ 37.00	\$ -	\$ -		
	Total Customer Charges	197,351			\$ 6,709,926		\$ 7,301,979	\$ 592,052		
	Distribution Charges									
	Rate N/NT - Rate N/NT		7,146,096	\$ 2.5368	\$ 18,128,216	\$ 3.3523	\$ 23,955,572	\$ 5,827,355		
	Rate DS - Rate NT		-	\$ 1.8488	\$ -	\$ 3.3523	\$ -	\$ -		
	Total Distribution Charges		7,146,096		\$ 18,128,216		\$ 23,955,572	\$ 5,827,355		
	State Tax Adjustment Surcharge (STAS) - Rider A			0.00%	\$ -	0.00%	\$ -	\$ -		
	Purchased Gas Costs (PGC) - Rider B		4,803,977	\$ 4.0678	\$ 19,541,617	\$ 4.3967	\$ 21,121,645	\$ 1,580,028		
	TCIA Temporary Surcharge - Rider C			-2.87%	\$ (720,048)	0.00%	\$ -	\$ 720,048		
	Merchant Function Charge (MFC) - Rider D		4,803,977	0.25%	\$ 48,854	0.24%	\$ 50,692	\$ 1,838		
	Gas Procurement Charge (GPC) - Rider E		4,803,977	\$ 0.0420	\$ 201,767	\$ 0.0660	\$ 317,062	\$ 115,295		
	Energy Efficiency & Conservation Rider (EEC) - Rider G									
	Rate N/NT - Rate N/NT		7,146,096	\$ 0.0566	\$ 404,469	\$ 0.0551	\$ 393,750	\$ (10,719)		
Rate DS - Rate NT		-	\$ (0.0391)	\$ -	\$ 0.0551	\$ -	\$ -			
Total EEC Charges		7,146,096		\$ 404,469		\$ 393,750	\$ (10,719)			
Distribution System Improvement Charge (DSIC) - Rider I		7,146,096	0.72%	\$ 183,551	0.00%	\$ -	\$ (183,551)			
Gas Delivery Enhancement Rider (GDE) - Rider J (Rate DS - Rate N)		-	\$ 0.00060	\$ -	\$ -	\$ -	\$ -			
Total - Rates N/NT - North District		197,351	7,146,096		\$ 44,498,353		\$ 53,140,699	\$ 8,642,346	19.4%	
Central District	Customer Charge									
	Rate N/NT - Rate N/NT	130,248		\$ 30.40	\$ 3,959,539	\$ 37.00	\$ 4,819,176	\$ 859,637		
	Rate DS - Rate NT	-		\$ 192.27	\$ -	\$ 37.00	\$ -	\$ -		
	Total Customer Charges	130,248			\$ 3,959,539		\$ 4,819,176	\$ 859,637		
	Distribution Charges									
	Rate N - Rate N/NT		4,486,613	\$ 3.2097	\$ 14,400,681	\$ 3.3523	\$ 15,040,292	\$ 639,612		
	Rate DS - Rate NT		-	\$ 2.5772	\$ -	\$ 3.3523	\$ -	\$ -		
	Total Distribution Charges		4,486,613		\$ 14,400,681		\$ 15,040,292	\$ 639,612		
	State Tax Adjustment Surcharge (STAS) - Rider A			-0.36%	\$ (114,755)	0.00%	\$ -	\$ 114,755		
	Purchased Gas Costs (PGC) - Rider B		3,284,379	\$ 4.0043	\$ 13,151,637	\$ 4.3967	\$ 14,440,427	\$ 1,288,790		
	TCIA Temporary Surcharge - Rider C			-6.34%	\$ (1,173,534)	0.00%	\$ -	\$ 1,173,534		
	Merchant Function Charge (MFC) - Rider D		3,284,379	0.14%	\$ 18,412	0.24%	\$ 34,657	\$ 16,245		
	Gas Procurement Charge (GPC) - Rider E		3,284,379	\$ 0.0400	\$ 131,375	\$ 0.0660	\$ 216,769	\$ 85,394		
	Energy Efficiency & Conservation Rider (EEC) - Rider G									
	Rate N/NT - Rate N/NT		4,486,613	\$ -	\$ -	\$ 0.0551	\$ 247,212	\$ 247,212		
Rate DS - Rate NT		-	\$ -	\$ -	\$ 0.0551	\$ -	\$ -			
Total EEC Charges		4,486,613		\$ -		\$ 247,212	\$ 247,212			
Distribution System Improvement Charge (DSIC) - Rider I		4,486,613	7.50%	\$ 1,388,251	0.00%	\$ -	\$ (1,388,251)			
Gas Delivery Enhancement Rider (GDE) - Rider J (Rate DS - Rate N)		-	\$ 0.0277	\$ -	\$ -	\$ -	\$ -			
Total - Rates N/NT - Central District		130,248	4,486,613		\$ 31,761,606		\$ 34,798,534	\$ 3,036,928	9.6%	
Total UGI Utilities, Inc. - Gas Division		817,727	29,799,654		\$ 195,445,569		\$ 208,998,713	\$ 13,553,143	7%	

UGI Utilities, Inc. - Gas Division
Delivery Service - Rate Schedule DS
Calculation of the Effect of Proposed Rates
12-Months Ending September 30, 2020

Description	Number of Bills (1)	Pro Forma Consumption Mcf (2)	Current Rate (3)	Current Revenue (4)	Proposed Rate (6)	Proposed Revenue (7)	Proposed Revenue Change (8)	% Change (9)
South District								
Customer Charges								
Rate DS - Rate DS	9,612		\$ 290.00	\$ 2,787,480	\$ 280.00	\$ 2,691,360	\$ (96,120)	
Rate N/NT - Rate DS	-		\$ 16.00	\$ -	\$ 280.00	\$ -	\$ -	
Total Customer Charges	9,612			\$ 2,787,480		\$ 2,691,360	\$ (96,120)	
Distribution Charges								
Rate DS - Rate DS								
First 500 Mcf		2,898,624	\$ 3.5383	\$ 10,256,201	\$ 2.7473	\$ 7,963,389	\$ (2,292,811)	
Over 500 Mcf		2,756,018	\$ 3.0383	\$ 8,373,608	\$ 2.7473	\$ 7,571,607	\$ (802,001)	
Total Rate DS - Rate DS		5,654,641		\$ 18,629,809		\$ 15,534,997	\$ (3,094,813)	
Rate N/NT - Rate DS								
First 500 Mcf			\$ 3.6867	\$ -	\$ 2.7473	\$ -	\$ -	
Over 500 Mcf			\$ 3.6867	\$ -	\$ 2.7473	\$ -	\$ -	
Total Rate NT - Rate DS				\$ -		\$ -	\$ -	
Total Distribution Charges		5,654,641		\$ 18,629,809		\$ 15,534,997	\$ (3,094,813)	
State Tax Adjustment Surcharge (STAS) - Rider A								
Purchased Gas Costs (PGC) - Rider B (Rate N - Rate DS)			-0.03%	\$ (6,370)	0.00%	\$ -	\$ 6,370	
TCJA Temporary Surcharge - Rider C			4.7354	\$ -	-	\$ -	\$ -	
Merchant Function Charge (MFC) - Rider D (Rate N - Rate DS)			-4.71%	\$ (1,017,295)	0.00%	\$ -	\$ 1,017,295	
Gas Procurement Charge (GPC) - Rider E (Rate N - Rate DS)			0.36%	\$ -	0.00%	\$ -	\$ -	
			0.0900	\$ -	-	\$ -	\$ -	
Energy Efficiency & Conservation Rider (EEC) - Rider G								
Rate DS - Rate DS		5,654,641	\$ (0.0161)	\$ (91,040)	\$ 0.0004	\$ 2,262	\$ 93,302	
Rate N/NT - Rate DS			\$ 0.0505	\$ -	\$ 0.0004	\$ -	\$ -	
Total EEC		5,654,641		\$ (91,040)		\$ 2,262	\$ 93,302	
Technology and Economic Development Rider (TED) - Rider H								
				\$ 162,245		\$ 162,245		
Distribution System Improvement Charge (DSIC) - Rider I								
		5,654,641	3.45%	\$ 742,011	0.00%	\$ -	\$ (742,011)	
Gas Delivery Enhancement Rider (GDE) - Rider J								
Rate DS - Rate DS		5,654,641	\$ -	\$ -	\$ 0.0058	\$ 32,797	\$ 32,797	
Rate N/NT - Rate DS			\$ -	\$ -	\$ 0.0058	\$ -	\$ -	
Total GDE		5,654,641		\$ -		\$ 32,797	\$ 32,797	
Minimum Charges								
				\$ 19,082		\$ 19,082		
Total - Rate DS - South District	9,612	5,654,641		\$ 21,225,923		\$ 18,442,742	\$ (2,783,181)	-13.1%

UGI Utilities, Inc. - Gas Division
Delivery Service - Rate Schedule DS (con't)
Calculation of the Effect of Proposed Rates
12-Months Ending September 30, 2020

North District	Customer Charges								
	Rate DS - Rate DS	5,628	\$ 229.00	\$ 1,288,812	\$ 280.00	\$ 1,575,840	\$ 287,028		
	Rate N/NT - Rate DS	-	\$ 34.00	\$ -	\$ 280.00	\$ -	\$ -		
	Total Customer Charges	5,628		\$ 1,288,812		\$ 1,575,840	\$ 287,028		
	Distribution Charges								
	Rate DS - Rate DS								
	First 500 Mcf	1,599,622	\$ 1.8488	\$ 2,957,381	\$ 2.7473	\$ 4,394,641	\$ 1,437,260		
	Over 500 Mcf	1,671,589	\$ 1.8488	\$ 3,090,433	\$ 2.7473	\$ 4,592,355	\$ 1,501,922		
	Total Rate DS - Rate DS	3,271,210		\$ 6,047,814		\$ 8,986,996	\$ 2,939,183		
	Rate N/NT - Rate DS								
	First 500 Mcf	-	\$ 2.5368	\$ -	\$ 2.7473	\$ -	\$ -		
	Over 500 Mcf	-	\$ 2.5368	\$ -	\$ 2.7473	\$ -	\$ -		
	Total Rate NT - Rate DS	-		\$ -		\$ -	\$ -		
	Total Distribution Charges	3,271,210		\$ 6,047,814		\$ 8,986,996	\$ 2,939,183		
	State Tax Adjustment Surcharge (STAS) - Rider A		0.00%	\$ -	0.00%	\$ -	\$ -		
	Purchased Gas Costs (PGC) - Rider B (Rate N - Rate DS)	-	\$ 4.0678	\$ -	\$ -	\$ -	\$ -		
	TCJA Temporary Surcharge - Rider C		-2.87%	\$ (210,627)	0.00%	\$ -	\$ 210,627		
	Merchant Function Charge (MFC) - Rider D (Rate N - Rate DS)	-	0.25%	\$ -	0.00%	\$ -	\$ -		
	Gas Procurement Charge (GPC) - Rider E (Rate N - Rate DS)	-	\$ 0.0420	\$ -	\$ -	\$ -	\$ -		
	Energy Efficiency & Conservation Rider (EEC) - Rider G								
	Rate DS - Rate DS	3,271,210	\$ (0.0391)	\$ (127,904)	\$ 0.0004	\$ 1,308	\$ 129,213		
	Rate N/NT - Rate DS	-	\$ 0.0566	\$ -	\$ 0.0004	\$ -	\$ -		
		3,271,210		\$ (127,904)		\$ 1,308	\$ 129,213		
	Distribution System Improvement Charge (DSIC) - Rider I	3,271,210	0.72%	\$ 51,919	0.00%	\$ -	\$ (51,919)		
	Gas Delivery Enhancement Rider (GDE) - Rider J								
	Rate DS - Rate DS	3,271,210	\$ 0.0006	\$ 1,963	\$ 0.0058	\$ 18,973	\$ 17,010		
	Rate N/NT - Rate DS	-	\$ -	\$ -	\$ 0.0058	\$ -	\$ -		
		3,271,210		\$ 1,963		\$ 18,973	\$ 17,010		
	Minimum Charges			\$ 2,309		\$ 2,309			
	Total - Rate DS - North District	5,628	3,271,210	\$ 7,054,285		\$ 10,585,427	\$ 3,531,142		50.1%

UGI Utilities, Inc. - Gas Division
Delivery Service - Rate Schedule DS (con't)
Calculation of the Effect of Proposed Rates
12-Months Ending September 30, 2020

UGI Gas Exhibit E
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Central District	Customer Charges								
	Rate DS - Rate DS	3,408	\$ 192.27	\$ 655,256	\$ 280.00	\$ 954,240	\$ 298,984		
	Rate N/NT - Rate DS	-	\$ 30.40	\$ -	\$ 280.00	\$ -	\$ -		
	Total Customer Charges	3,408		\$ 655,256		\$ 954,240	\$ 298,984		
	Distribution Charges								
	Rate DS - Rate DS								
	First 500 Mcf	978,031	\$ 2.5772	\$ 2,520,581	\$ 2.7473	\$ 2,686,945	\$ 166,363		
	Over 500 Mcf	974,127	\$ 2.5772	\$ 2,510,519	\$ 2.7473	\$ 2,676,218	\$ 165,699		
	Total Rate DS - Rate DS	1,952,158		\$ 5,031,101		\$ 5,363,163	\$ 332,062		
	Rate N/NT - Rate DS								
	First 500 Mcf	-	\$ 3.2097	\$ -	\$ 2.7473	\$ -	\$ -		
	Over 500 Mcf	-	\$ 3.2097	\$ -	\$ 2.7473	\$ -	\$ -		
	Total Rate NT - Rate DS	-		\$ -		\$ -	\$ -		
	Total Distribution Charges	1,952,158		5,031,101		5,363,163	\$ 332,062		
	State Tax Adjustment Surcharge (STAS) - Rider A		-0.36%	\$ (21,333)	0.00%	\$ -	\$ 21,333		
	Purchased Gas Costs (PGC) - Rider B (Rate N - Rate DS)	-	\$ 4.0043	\$ -	\$ -	\$ -	\$ -		
	TCJA Temporary Surcharge - Rider C		-6.34%	\$ (368,009)	0.00%	\$ -	\$ 368,009		
	Merchant Function Charge (MFC) - Rider D (Rate N - Rate DS)	-	0.14%	\$ -	0.00%	\$ -	\$ -		
	Gas Procurement Charge (GPC) - Rider E (Rate N - Rate DS)	-	\$ 0.0400	\$ -	\$ -	\$ -	\$ -		
	Energy Efficiency & Conservation Rider (EEC) - Rider G								
	Rate DS - Rate DS	1,952,158	\$ -	\$ -	\$ 0.0004	\$ 781	\$ 781		
	Rate N/NT - Rate DS	-	\$ -	\$ -	\$ 0.0004	\$ -	\$ -		
	Total EEC	1,952,158		\$ -		\$ 781	\$ 781		
	Distribution System Improvement Charge (DSIC) - Rider I	1,952,158	7.50%	\$ 435,342	0.00%	\$ -	\$ (435,342)		
	Gas Delivery Enhancement Rider (GDE) - Rider J								
	Rate DS - Rate DS	1,952,158	\$ 0.0277	\$ 54,075	\$ 0.0058	\$ 11,323	\$ (42,752)		
	Rate N/NT - Rate DS	-	\$ -	\$ -	\$ 0.0058	\$ -	\$ -		
	Total GDE	1,952,158		\$ 54,075		\$ 11,323	\$ (42,752)		
	Minimum Charges			\$ 118,205		\$ 118,205			
	Total - Rate DS - Central District	3,408	1,952,158	\$ 5,904,636		\$ 6,447,711	\$ 543,075	9.2%	
Total UGI Utilities, Inc. - Gas Division	18,648	10,878,010		\$ 34,184,844		\$ 35,475,880	\$ 1,291,036	4%	

UGI Utilities, Inc. - Gas Division
 Large Firm Delivery Service - Rate Schedule LFD
 Calculation of the Effect of Proposed Rates
 12-Months Ending September 30, 2020

Description	Number of Bills (1)	Pro Forma Consumption Mcf (2)	Current Rate (3)	Current Revenue (4)	Proposed Rate (6)	Proposed Revenue (7)	Proposed Revenue Change (8)	% Change (9)
South District								
Customer Charge								
LFD - LFD	3,252		\$ 700.00	\$ 2,276,400	\$ 670.00	\$ 2,178,840	\$ (97,560)	
DS - LFD	-		\$ 290.00	\$ -	\$ 670.00	\$ -	\$ -	
N/NT - LFD	-		\$ 16.00	\$ -	\$ 670.00	\$ -	\$ -	
Total Customer Charge	3,252			\$ 2,276,400		\$ 2,178,840	\$ (97,560)	
Distribution Charge								
LFD - LFD								
First 1,000 Mcf		2,946,145	\$ 1.5470	\$ 4,557,686	\$ 1.1295	\$ 3,327,641	\$ (1,230,045)	
Over 1,000 Mcf		9,016,369	\$ 1.0465	\$ 9,435,630	\$ 1.1295	\$ 10,183,899	\$ 748,268	
Total LFD - LFD		11,962,514		\$ 13,993,316		\$ 13,511,540	\$ (481,777)	
DS - LFD								
First 500 Mcf		-	\$ 3.5383	\$ -	\$ -	\$ -	\$ -	
Over 500 Mcf		-	\$ 3.0383	\$ -	\$ -	\$ -	\$ -	
Total DS - LFD		-		\$ -		\$ -	\$ -	
DS - LFD								
First 1,000 Mcf		-	\$ -	\$ -	\$ 1.1295	\$ -	\$ -	
Over 1,000 Mcf		-	\$ -	\$ -	\$ 1.1295	\$ -	\$ -	
Total DS - LFD		-		\$ -		\$ -	\$ -	
N/NT - LFD								
First 1,000 Mcf		-	\$ 3.6867	\$ -	\$ 1.1295	\$ -	\$ -	
Over 1,000 Mcf		-	\$ 3.6867	\$ -	\$ 1.1295	\$ -	\$ -	
Total NT - LFD		-		\$ -		\$ -	\$ -	
Total Distribution Charges		11,962,514		\$ 13,993,316		\$ 13,511,540	\$ (481,777)	
Demand Charge								
LFD - LFD		619,956	\$ 5.4500	\$ 3,378,760	\$ 5.0706	\$ 3,143,549	\$ (235,211)	
DS - LFD		-	\$ -	\$ -	\$ 5.0706	\$ -	\$ -	
N/NT - LFD		-	\$ -	\$ -	\$ 5.0706	\$ -	\$ -	
Total Demand Charges		619,956		\$ 3,378,760		\$ 3,143,549	\$ (235,211)	
State Tax Adjustment Surcharge (STAS) - Rider A								
			-0.03%	\$ (6,225)	0.00%	\$ -	\$ 6,225	
Purchased Gas Costs (PGC) - Rider B (Rate N - Rate LFD)								
			\$ 4.7354	\$ -	\$ -	\$ -	\$ -	
TCJA Temporary Surcharge - Rider C								
			-4.71%	\$ (989,372)	0.00%	\$ -	\$ 989,372	
Merchant Function Charge (MFC) - Rider D (Rate N - Rate LFD)								
			0.36%	\$ -	0.00%	\$ -	\$ -	
Gas Procurement Charge (GPC) - Rider E (Rate N - Rate LFD)								
			\$ 0.0900	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency & Conservation Rider (EEC) - Rider G								
LFD - LFD		11,962,514	\$ 0.0008	\$ 9,570	\$ 0.0007	\$ 8,374	\$ (1,196)	
DS - LFD		-	\$ (0.0161)	\$ -	\$ 0.0007	\$ -	\$ -	
N/NT - LFD		-	\$ 0.0505	\$ -	\$ 0.0007	\$ -	\$ -	
Total EEC		11,962,514		\$ 9,570		\$ 8,374	\$ (1,196)	
Technology and Economic Development Rider (TED) - Rider H								
				\$ 69,615		\$ 69,615	\$ -	
Minimum Bills								
				\$ 666,141		\$ 666,141	\$ -	
Excess Requirement Option (ERO)								
				\$ 621,545		\$ 621,545	\$ -	
Distribution System Improvement Charge (DSIC) - Rider I								
			3.45%	\$ 725,029	0.00%	\$ -	\$ (725,029)	
Gas Delivery Enhancement Rider (GDE) - Rider J								
LFD - LFD		11,962,514	\$ -	\$ -	\$ 0.0058	\$ 69,383	\$ 69,383	
DS - LFD		-	\$ -	\$ -	\$ 0.0058	\$ -	\$ -	
N/NT - LFD		-	\$ -	\$ -	\$ 0.0058	\$ -	\$ -	
Total GDE		11,962,514		\$ -		\$ 69,383	\$ 69,383	
Total - Rate LFD - South District	3,252	11,962,514		\$ 20,744,779		\$ 20,268,986	\$ (475,794)	-2.3%

UGI Utilities, Inc. - Gas Division
Large Firm Delivery Service - Rate Schedule LFD (con't)
Calculation of the Effect of Proposed Rates
12-Months Ending September 30, 2020

North District	Customer Charge							
	LFD - LFD	1,308	\$ 700.00	\$ 915,600	\$ 670.00	\$ 876,360	\$ (39,240)	
	DS - LFD	-	\$ 229.00	\$ -	\$ 670.00	\$ -	\$ -	
	N/NT - LFD	-	\$ 34.00	\$ -	\$ 670.00	\$ -	\$ -	
	Total Customer Charge	1,308		\$ 915,600		\$ 876,360	\$ (39,240)	
	Distribution Charge							
	LFD - LFD	4,977,667	\$ 0.9167	\$ 4,563,027	\$ 1.1295	\$ 5,622,225	\$ 1,059,198	
	DS - LFD	-	\$ 1.8488	\$ -	\$ 1.1295	\$ -	\$ -	
	N/NT - LFD	-	\$ 2.5368	\$ -	\$ 1.1295	\$ -	\$ -	
	Total Distribution Charges	4,977,667		\$ 4,563,027		\$ 5,622,225	\$ 1,059,198	
	Demand Charge							
	LFD - LFD	309,024	\$ 3.6100	\$ 1,115,577	\$ 5.0706	\$ 1,566,937	\$ 451,360	
	DS - LFD	-	\$ -	\$ -	\$ 5.0706	\$ -	\$ -	
	N/NT - LFD	-	\$ -	\$ -	\$ 5.0706	\$ -	\$ -	
	Total Demand Charges	309,024		\$ 1,115,577		\$ 1,566,937	\$ 451,360	
	State Tax Adjustment Surcharge (STAS) - Rider A		0.00%	\$ -	0.00%	\$ -	\$ -	
	Purchased Gas Costs (PGC) - Rider B (Rate N - Rate LFD)	-	\$ 4.0678	\$ -	\$ -	\$ -	\$ -	
	TCJA Temporary Surcharge - Rider C		-2.87%	\$ (196,722)	0.00%	\$ -	\$ 196,722	
	Minimum Bills			\$ 260,225		\$ 260,225	\$ -	
	Merchant Function Charge (MFC) - Rider D (Rate N - Rate LFD)	-	0.25%	\$ -	0.00%	\$ -	\$ -	
	Gas Procurement Charge (GPC) - Rider E (Rate N - Rate LFD)	-	\$ 0.0420	\$ -	\$ -	\$ -	\$ -	
	Energy Efficiency & Conservation Rider (EEC) - Rider G							
	LFD - LFD	4,977,667	\$ (0.0183)	\$ (91,091)	\$ 0.0007	\$ 3,484	\$ 94,576	
	DS - LFD	-	\$ (0.0391)	\$ -	\$ 0.0007	\$ -	\$ -	
	N/NT - LFD	-	\$ 0.0566	\$ -	\$ 0.0007	\$ -	\$ -	
	Total EEC Charges	4,977,667		\$ (91,091)		\$ 3,484	\$ 94,576	
	Distribution System Improvement Charge (DSIC) - Rider I		0.72%	\$ 48,696	0.00%	\$ -	\$ (48,696)	
	Gas Delivery Enhancement Rider (GDE) - Rider J							
	LFD - LFD	4,977,667	\$ 0.00060	\$ 2,987	\$ 0.0058	\$ 28,870	\$ 25,884	
	DS - LFD	-	\$ 0.00060	\$ -	\$ 0.0058	\$ -	\$ -	
	N/NT - LFD	-	\$ -	\$ -	\$ 0.0058	\$ -	\$ -	
	Total GDE Charges	4,977,667		\$ 2,987		\$ 28,870	\$ 25,884	
	Total - Rate LFD - North District	1,308	4,977,667	\$ 6,618,298		\$ 8,358,102	\$ 1,739,804	26.3%

UGI Utilities, Inc. - Gas Division
Large Firm Delivery Service - Rate Schedule LFD (con't)
Calculation of the Effect of Proposed Rates
12-Months Ending September 30, 2020

Central District	Customer Charge								
	LFD - LFD	1,080	\$ 480.62	\$ 519,070	\$ 670.00	\$ 723,600	\$ 204,530		
	DS - LFD	-	\$ 192.27	\$ -	\$ 670.00	\$ -	\$ -		
	N/NT - LFD	-	\$ 30.40	\$ -	\$ 670.00	\$ -	\$ -		
	Total Customer Charge	1,080		\$ 519,070		\$ 723,600	\$ 204,530		
	Distribution Charge								
	LFD - LFD	4,700,084	\$ 1.2562	\$ 5,904,245	\$ 1.1295	\$ 5,308,698	\$ (595,548)		
	DS - LFD	-	\$ 2.5772	\$ -	\$ 1.1295	\$ -	\$ -		
	N/NT - LFD	-	\$ 3.2097	\$ -	\$ 1.1295	\$ -	\$ -		
	Total Distribution Charges	4,700,084		\$ 5,904,245		\$ 5,308,698	\$ (595,548)		
	Demand Charge								
	LFD - LFD	278,244	\$ 5.5000	\$ 1,530,342	\$ 5.0706	\$ 1,410,864	\$ (119,478)		
	DS - LFD	-	\$ -	\$ -	\$ 5.0706	\$ -	\$ -		
	N/NT - LFD	-	\$ -	\$ -	\$ 5.0706	\$ -	\$ -		
	Total Demand Charges	278,244		\$ 1,530,342		\$ 1,410,864	\$ (119,478)		
	State Tax Adjustment Surcharge (STAS) - Rider A		-0.36%	\$ (30,570)	0.00%	\$ -	\$ 30,570		
	Purchased Gas Costs (PGC) - Rider B (Rate N - Rate LFD)	-	\$ 4.0043	\$ -	\$ -	\$ -	\$ -		
	TCJA Temporary Surcharge - Rider C		-6.34%	\$ (524,941)	0.00%	\$ -	\$ 524,941		
	Minimum Bills			\$ 326,171		\$ 326,171	\$ -		
	Merchant Function Charge (MFC) - Rider D (Rate N - Rate LFD)	-	0.14%	\$ -	0.00%	\$ -	\$ -		
	Gas Procurement Charge (GPC) - Rider E (Rate N - Rate LFD)	-	\$ 0.0400	\$ -	\$ -	\$ -	\$ -		
	Energy Efficiency & Conservation Rider (EEC) - Rider G								
	LFD - LFD	4,700,084	\$ -	\$ -	\$ 0.0007	\$ 3,290	\$ 3,290		
	DS - LFD	-	\$ -	\$ -	\$ 0.0007	\$ -	\$ -		
	N/NT - LFD	-	\$ -	\$ -	\$ 0.0007	\$ -	\$ -		
	Total EEC Charges	4,700,084		\$ -		\$ 3,290	\$ 3,290		
	Distribution System Improvement Charge (DSIC) - Rider I		7.50%	\$ 606,482	0.00%	\$ -	\$ (606,482)		
	Gas Delivery Enchangement Rider (GDE) - Rider J								
	LFD - LFD	4,700,084	\$ 0.0277	\$ 130,192	\$ 0.0058	\$ 27,260	\$ (102,932)		
	DS - LFD	-	\$ 0.0277	\$ -	\$ 0.0058	\$ -	\$ -		
	N/NT - LFD	-	\$ -	\$ -	\$ 0.0058	\$ -	\$ -		
	Total GDE Charges	4,700,084		\$ 130,192		\$ 27,260	\$ (102,932)		
	Total - Rate LFD - Central District	1,080	4,700,084	\$ 8,460,992		\$ 7,799,883	\$ (661,109)		-7.8%
Total UGI Utilities, Inc. - Gas Division		5,640	21,640,265	\$ 35,824,069		\$ 36,426,971	\$ 602,902		2%

UGI Utilities, Inc. - Gas Division
Extended Large Firm Delivery Service - Rate Schedule XD
Calculation of the Effect of Proposed Rates
12-Months Ending September 30, 2020

	Description	Number of Bills (1)	Pro Forma Consumption Mcf (2)	Current Rate (3)	Current Revenue (4)	Proposed Rate (6)	Proposed Revenue (7)	Proposed Revenue Change (8)	% Change (9)
South District	Customer Charge	360		\$ 26,855.31	\$ 9,667,912	\$ 26,855.31	\$ 9,667,912	\$ -	
	Distribution Charge		21,025,973	\$ 0.1841	\$ 3,871,307	\$ 0.1841	\$ 3,871,307	\$ -	
	Excess Requirement Option		5,400	\$ 3.6250	\$ 19,575	\$ 3.6250	\$ 19,575	\$ -	
	Minimum Charges				\$ 182,388		\$ 182,388	\$ -	
	TCJA Temporary Surcharge - Rider C			-4.71%	\$ (626,933)	0.00%	\$ -	\$ 626,933	
	Distribution System Improvement Charge (DSIC) - Rider I				\$ 109,063	0.00%	\$ -	\$ (109,063)	
	Total - Rates XD - South District	360	21,025,973		\$ 13,223,312		\$ 13,741,182	\$ 517,870	3.9%
North District	Customer Charge	192		\$ 58,688.32	\$ 11,268,157	\$ 58,688.32	\$ 11,268,157	\$ -	
	Distribution Charge		137,540,050	\$ 0.0290	\$ 3,993,140	\$ 0.0290	\$ 3,993,140	\$ -	
	Minimum Charges				\$ 34,527		\$ 34,527	\$ -	
	TCJA Temporary Surcharge - Rider C			-2.87%	\$ (486,927)	0.00%	\$ -	\$ 486,927	
	Distribution System Improvement Charge (DSIC) - Rider I				\$ 32,488	0.00%	\$ -	\$ (32,488)	
	Total - Rates XD - North District	192	137,540,050		\$ 14,841,385		\$ 15,295,824	\$ 454,439	3.1%
Central District	Customer Charge	96		\$ 18,151.63	\$ 1,742,556	\$ 18,151.63	\$ 1,742,556	\$ -	
	Distribution Charge		5,817,623	\$ 0.4077	\$ 2,372,028	\$ 0.4077	\$ 2,372,028	\$ -	
	Demand Charge		250,080	\$ 4.7924	\$ 1,198,484	\$ 4.7924	\$ 1,198,484	\$ -	
	State Tax Adjustment Surcharge (STAS) - Rider A			-0.36%	\$ (19,269)	0.00%	\$ -	\$ 19,269	
	TCJA Temporary Surcharge - Rider C			-6.34%	\$ (336,849)	0.00%	\$ -	\$ 336,849	
	Distribution System Improvement Charge (DSIC) - Rider I				\$ 376,158	0.00%	\$ -	\$ (376,158)	
	Total - Rates XD - Central District	96	5,817,623		\$ 5,333,109		\$ 5,313,068	\$ (20,041)	-0.4%
Total UGI Utilities, Inc. - Gas Division		648	164,383,646		\$ 33,397,806		\$ 34,350,074	\$ 952,268	3%

UGI Utilities, Inc. - Gas Division
Interruptible Service - Rate Schedule IS
Calculation of the Effect of Proposed Rates
12-Months Ending September 30, 2020

	Description	Number of Bills (1)	Pro Forma Consumption Mcf (2)	Current Rate (3)	Current Revenue (4)	Proposed Rate (6)	Proposed Revenue (7)	Proposed Revenue Change (8)	% Change (9)
South District	Customer Charge	3,744		\$ 820.62	\$ 3,072,407	\$ 820.62	\$ 3,072,407	\$ -	
	Distribution Charge		51,730,781	\$ 0.1558	\$ 8,060,033	\$ 0.1558	\$ 8,060,033	\$ -	
	Minimum Charges				\$ 84,555		\$ 84,555	\$ -	
	TCJA Temporary Surcharge - Rider C			-4.71%	\$ (528,266)	0.00%	\$ -	\$ 528,266	
	Distribution System Improvement Charge (DSIC) - Rider I				\$ 590,648	0.00%	\$ -	\$ (590,648)	
	Total - Rates IS - South District	3,744	51,730,781		\$ 11,279,377		\$ 11,216,995	\$ (62,382)	-0.6%
North District	Customer Charge	396		\$ 2,833.32	\$ 1,121,993	\$ 2,833.32	\$ 1,121,993	\$ -	
	Distribution Charge		1,335,083	\$ 1.2613	\$ 498,624	\$ 1.2613	\$ 498,624	\$ -	
	Minimum Charges				\$ 15,960		\$ 15,960	\$ -	
	TCJA Temporary Surcharge - Rider C			-2.87%	\$ (45,657)	0.00%	\$ -	\$ 45,657	
	Distribution System Improvement Charge (DSIC) - Rider I				\$ 19,185	0.00%	\$ -	\$ (19,185)	
	Total - Rates IS - North District	396	1,335,083		\$ 1,610,105		\$ 1,636,577	\$ 26,472	1.6%
Central District	Customer Charge	420		\$ 2,352.14	\$ 987,900	\$ 2,352.14	\$ 987,900	\$ -	
	Distribution Charge		2,747,077	\$ 0.3712	\$ 1,019,756	\$ 0.3712	\$ 1,019,756	\$ -	
	State Tax Adjustment Surcharge (STAS) - Rider A			-0.36%	\$ (7,651)	0.00%	\$ -		
	Minimum Charges				\$ 45,688		\$ 45,688		
	TCJA Temporary Surcharge - Rider C			-6.34%	\$ (130,182)	0.00%	\$ -	\$ 130,182	
	Distribution System Improvement Charge (DSIC) - Rider I				\$ 202,013	0.00%	\$ -	\$ (202,013)	
	Total - Rates IS - Central District	420	2,747,077		\$ 2,117,524		\$ 2,053,344	\$ (64,180)	-3.0%
Total UGI Utilities, Inc. - Gas Division		4,560	55,812,941		\$ 15,007,007		\$ 14,906,916	\$ (100,091)	-1%