

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

**SUPPLEMENTAL DATA REQUESTS – COST OF SERVICE
SUPPLEMENTAL DATA REQUESTS – RATE OF RETURN
SUPPLEMENTAL DATA REQUESTS – REVENUE REQUIREMENTS**

**UGI UTILITIES, INC. – GAS DIVISION – PA P.U.C. NOS. 7 & 7S
SUPPLEMENT NO. 32**

DOCKET NO. R-2021-3030218

Issued: January 28, 2022

Effective: March 29, 2022

SUPPLEMENTAL DATA REQUESTS – COST OF SERVICE

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Cost of Service
Delivered on January 28, 2022

SDR-COS-1

Request:

Please explain the Company's policy with regard to when customer advances and contributions in aid of construction must be made.

Response:

An advance or contribution in aid of construction is required from an Extension Applicant or Customer when insufficient revenues will be derived from the Extension Applicant or Customer to warrant the investment by the company. Please see UGI Gas Exhibit F, Rule 5, Extension Regulation, of the Company's current tariff.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
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SDR-COS-2

Request:

Please provide a detailed explanation describing how contributions in aid of construction and customer advances are reflected in the Company's cost of service study.

Response:

Contributions in aid of construction are reflected as a deduction to rate base and included in Exhibit D. UGI Gas does not have any customer advances and no claim is made for customer advances.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
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SDR-COS-3

Request:

Please provide a breakdown of contributions in aid of construction by customer class and plant account number for the most recent year available.

Response:

Please reference Attachment SDR-COS-3.

Prepared by or under the supervision of: Vivian K. Ressler

UGI UTILITIES, INC. - GAS DIVISION
CONTRIBUTIONS IN AID OF CONSTRUCTION BY CUSTOMER CLASSIFICATION AND PLANT ACCOUNT
FOR THE YEAR ENDED SEPTEMBER 30, 2021

Customer Class	Plant Account	Historic Test Year
Residential	107	\$ 308,839
	376	1,079,509
	380	401,600
	381	9,714
	382	19,928
	Subtotal	<u>\$ 1,819,591</u>
Commercial	107	\$ 1,765,259
	376	1,716,026
	380	1,758,046
	382	2,328
	Subtotal	<u>\$ 5,241,658</u>
Industrial	107	\$ 8,723,804
	376	547,474
	380	13,595
	381	30,000
	Subtotal	<u>\$ 9,314,873</u>
	Total	<u><u>\$ 16,376,123</u></u>

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SDR-COS-4

Request:

Please provide a breakdown of transmission and distribution mains investment by pipe diameter.

Response:

Please see Attachment SDR-COS-4.

Prepared by or under the supervision of: Constance E. Heppenstall

**UGI UTILITIES, INC. - GAS DIVISION
 MAINS SIZE AND ORIGINAL COSTS
 ACCOUNTS 367 AND 376
 AS OF SEPTEMBER 30, 2021**

Account 367 - Transmission

Type	Size (Inches)	Original Cost \$
Mains		
	16	\$ 18,179
	14	234,989
	12.75	569,063
	12	3,439,567
	11.625	2,740
	10.75	1,816,231
	10	545,723
	9.625	26,095
	8.625	1,958,550
	8	12,112,784
	7	29,545
	6.625	4,709,260
	6.25	20,665
	6	5,954,135
	5.625	15,088
	5.5625	25,555
	5.5	47,518
	5.375	19,325
	5.1875	298
	5	271,374
	4.5	499,795
	4.25	802
	4	6,008,956
	3	298,696
	2.5	6,322
	2	157,122
	1.5	42
	1.25	3,076
	1	638
	0.75	164
Total		\$ 38,792,292
Valves		
	14	\$ 19,153
	10	31,507
	8	154,607
	6	72,110
	2	487
	1	4,340
		\$ 282,204
Total Transmission Mains & Valves		\$ 39,074,497

**UGI UTILITIES, INC. - GAS DIVISION
 MAINS SIZE AND ORIGINAL COSTS
 ACCOUNTS 367 AND 376
 AS OF SEPTEMBER 30, 2021**

Account 376 - Distribution

Type	Size (Inches)	Original Cost \$
Mains		
	30	\$ 8,045
	24	53,844,450
	20	1,487,915
	16	40,045,046
	14	78,202
	12	167,397,594
	10.75	35
	10	11,012,298
	8	273,452,498
	7	274,232
	6.625	522,623
	6.25	4,198
	6	248,762,277
	5.625	864
	5	347,827
	4.875	831
	4.5	34,045
	4.25	1,716
	4	396,823,153
	3.5	38,374
	3	38,879,317
	2.5	36,106
	2	608,984,898
	1.5	28,481
	1.25	58,874,314
	1	4,945,624
	0.75	540,114
	0.625	1,798
	0.5	558,906
	0.25	6,377
		<u>\$ 1,906,992,159</u>
Valves		
	24	\$ 917
	16	1,559,818
	12	2,479,044
	10	480,169
	8	3,426,579
	6	2,823,157
	4	4,259,964
	3	775,127
	2.5	80
	2	5,023,030
	1.5	257
	1.25	250,669
	1	32,656
	0.75	1,901
	0.5	16,693
		<u>\$ 21,130,061</u>
Total Distribution Mains & Valves		<u><u>\$ 1,928,122,220</u></u>

UGI Utilities, Inc. - Gas Division
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SDR-COS-5

Request:

Please provide a breakdown of customer advances by customer class for the most recent year available.

Response:

The Company did not have any customer advances for the Fiscal Year ended September 30, 2021.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
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SDR-COS-6

Request:

Please provide a breakdown of services investment by service line diameter, and a breakdown of services by size and customer class.

Response:

Please see Attachment SDR-COS-6.

Prepared by or under the supervision of: Constance E. Heppenstall

UGI UTILITIES, INC. - GAS DIVISION
Service Size and Original Cost
Account 380
As of September 30, 2021

Service Size	R/RT	N/NT	DS	LFD	Interruptible	XD Firm	Total
10"	\$ 20,499	\$ 13,666	-	-	-	-	34,164
8"	96,199	432,895	-	96,199	288,597	192,398	1,106,288
6"	151,874	1,366,866	577,121	850,494	364,498	151,874	3,462,727
4"	543,080	6,652,728	1,535,245	1,242,817	605,743	31,332	10,610,944
3"	309,266	2,952,992	339,195	149,645	29,929	-	3,781,027
2.5"	2,950	4,916	-	-	-	-	7,866
2"	8,113,164	25,290,323	2,141,591	790,878	302,133	13,329	36,651,419
1.5"	58,136	13,656	-	390	-	-	72,182
1.25"	47,055,764	10,563,027	222,392	46,759	49,040	5,702	57,942,685
1"	601,538,067	89,384,926	350,691	58,448	24,067	6,876	691,363,076
0.75"	42,285,697	4,446,505	21,501	5,375	4,181	597	46,763,856
0.5"	441,287,719	16,041,976	26,347	4,940	1,647	-	457,362,629
0.25"	502,623	100,224	1,126	-	375	-	604,348
Total	\$ 1,141,965,038	\$ 157,264,701	\$ 5,215,208	\$ 3,245,947	\$ 1,670,210	\$ 402,109	\$ 1,309,763,212

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SDR-COS-7

Request:

If available, please provide a breakdown of meter investment by meter size, and a breakdown of meters by size and customer class.

Response:

Please see Attachment SDR-COS-7.

Prepared by or under the supervision of: Constance E. Heppenstall

UGI UTILITIES, INC. - GAS DIVISION
METER SIZE AND ORIGINAL COST
ACCOUNT 381 and 385
AS OF SEPTEMBER 30, 2021

Meter Size	R/RT	N/NT	DS	LFD	Interruptible	XD Firm	Total
Diaphragm 1000-Series	\$ 319,307	\$ 16,615,943	\$ 540,180	\$ 52,818	\$ 96,032	\$ -	\$ 17,624,280
Diaphragm 1400-Series	50,261	9,015,614	980,095	150,784	144,501	6,283	10,347,538
Diaphragm 200-Series	67,120,374	3,587,453	671	-	-	112	70,708,611
Diaphragm 2300-Series	6,887	2,844,473	943,566	275,494	130,860	13,775	4,215,054
Diaphragm 300-Series	1,096,989	519,967	223	-	-	-	1,617,179
Diaphragm 400-Series	3,295,164	5,074,505	5,022	264	793	264	8,376,013
Diaphragm 5000-Series	9,254	2,470,793	1,526,895	795,836	166,570	-	4,969,349
Diaphragm 800-Series 10Ft	769,394	3,330,620	6,839	-	-	-	4,106,853
Diaphragm 800-Series 2Ft	807,302	3,784,805	9,209	-	-	-	4,601,316
Diaphragm 800-Series 5Ft	265,299	9,462,323	234,539	15,380	11,535	-	9,989,075
Rotary 1.5M	-	280,027	-	14,001	-	-	294,029
Rotary 11C	-	140,031	8,237	-	-	-	148,268
Rotary 11M	-	879,349	1,041,335	1,029,764	208,267	46,282	3,204,997
Rotary 15C	-	57,975	3,051	-	-	-	61,026
Rotary 16M	-	465,822	381,127	1,044,571	338,780	42,347	2,272,647
Rotary 23M	-	-	7,818	31,270	15,635	-	54,723
Rotary 38M	-	101,243	-	-	-	-	101,243
Rotary 3M	16,483	2,938,015	506,839	94,775	65,930	4,121	3,626,162
Rotary 4IN-IRM3	-	-	-	-	-	32,806	32,806
Rotary 5M	-	2,652,791	1,176,504	418,564	209,282	11,313	4,468,454
Rotary 7M	-	3,119,738	2,350,487	1,282,084	256,417	106,840	7,115,566
Rotary 8C125	-	7,095	-	-	-	-	7,095
Rotary 8C175	-	28,972	-	-	-	-	28,972
Rotary ROM2000	-	15,502	-	-	-	-	15,502
Turbine 3 Inch	-	38,019	38,019	50,693	25,346	-	152,078
Turbine 4 Inch	-	404,764	242,859	1,268,261	485,717	188,890	2,590,492
Turbine 6 Inch	-	308,777	154,389	926,331	988,086	370,532	2,748,115
Turbine 8 Inch	-	222,005	222,005	333,008	610,515	444,011	1,831,544
Ultrasonic 16" Flow Meter	-	-	-	-	-	136,962	136,962
Ultrasonic 800-Series	2,102,922	10,561,399	25,994	-	-	-	12,690,316
Total	\$ 75,859,636	\$ 78,928,022	\$ 10,405,903	\$ 7,783,898	\$ 3,754,266	\$ 1,404,538	\$ 178,136,264

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SDR-COS-8

Request:

Please provide the Company's rate design models and cost of service study on an IBM PC-compatible computer disk in Lotus 1-2-3 or Quattro format. If the models consist of more than one file, please include information on all files on the disk and what they contain. If not available in Lotus 1-2-3 or Quattro format, please provide in ASCII format.

Response:

Please see UGI Gas Exhibit D (Cost of Service Study - Fully Projected Future Test Year) provided in electronic format on USB flash drive.

Prepared by or under the supervision of: Constance E. Heppenstall

UGI Utilities, Inc. - Gas Division
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SDR-COS-9

Request:

Please provide a copy of the Company's current customer extension policy. Provide a representative sample of the analyses conducted by the Company when deciding whether service to a new customer qualifies under the Company's customer extension policy.

Response:

The current customer extension policy is contained in UGI Gas Exhibit F, Rule 5, Extension Regulation, of the Company's current tariff. Rules 5.1-5.4 and 5.8 describe the methodology to evaluate whether service to a new customer qualifies under the current extension policy.

Prepared by or under the supervision of: Christopher R. Brown

UGI Utilities, Inc. - Gas Division
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SDR-COS-10

Request:

Please provide a detailed supply and requirement schedule for the Company's three most recent annual peak days and for design day. The schedules should include deliveries by source and requirements by rate schedule. Identify sources and requirements for transportation customers separately. Also include the Company's daily sendout sheet for each peak day and applicable weather data.

Response:

Please see Attachment SDR-COS-10.

Prepared by or under the supervision of: Christopher R. Brown

UGI UTILITIES, INC. - GAS DIVISION
PEAK DAY SENDOUT BY RATE CLASS
FOR THE YEARS ENDED SEPTEMBER 30, 2019, 2020 and 2021
(MDTH)

	2018-2019	2019-2020	2020-2021
	Mar 6	Feb 14	JAN 28
	(MDTH)	(MDTH)	(MDTH)
RG	3.1	2.8	2.8
RH	398.5	400.2	374.0
CG	6.4	7.8	4.0
CH	151.7	166.1	135.7
IG	1.6	2.2	1.0
IH	6.6	8.2	6.4
PGC FIRM	567.9	587.3	523.9
RT (CHOICE)	35.9	33.2	43.8
NT (CHOICE)	71.9	70.7	79.3
DS	93.3	57.4	65.8
LFD	105.7	77.2	105.4
XD-F/CDS-F	515.7	514.8	554.7
FIRM TRANSPORTATION	822.2	753.3	849.0
INTERRUPTIBLE	236.5	223.9	156.5
TOTAL	1,626.5	1,564.5	1,529.4

UGI UTILITIES, INC. - GAS DIVISION
TEMPERATURE BY AREA
FOR THE YEARS ENDED SEPTEMBER 30, 2019, 2020 and 2021
(°F)

	3/6/2019	2/14/2020	1/28/2021
Reading/Harrisburg/Lehigh/Lancaster/Altoona	19	22	26
Wilkes-Barre/Scranton	15	13	19
Bradford	10	2	16

**UGI UTILITIES, INC. - GAS DIVISION
PEAK DAY DISPATCH DATA
FOR YEAR ENDED SEPTEMBER 30, 2019
(DTH)**

Actual For	6-Mar-19
 <u>System Sendout</u>	
Daily Sendout	1,626,493
Month to Date Current Sendout	7,969,140

<u>Daily Average Temperature Data</u>	
Reading/Harrisburg/Lehigh/Lancaster	19
Wilkes-Barre/Scranton	15
Bradford	10

**UGI UTILITIES, INC. - GAS DIVISION
PEAK DAY DISPATCH DATA
FOR YEAR ENDED SEPTEMBER 30, 2020
(DTH)**

Actual For	14-Feb-20
 <u>System Sendout</u>	
Daily Sendout	1,564,496
Month to Date Current Sendout	16,785,709

Daily Average Temperature Data

Reading/Harrisburg/Lehigh/Lancaster	22
Wilkes-Barre/Scranton	13
Bradford	2

**UGI UTILITIES, INC. - GAS DIVISION
PEAK DAY DISPATCH DATA
FOR YEAR ENDED SEPTEMBER 30, 2021
(DTH)**

Actual For	28-Jan-21
 <u>System Sendout</u>	
Daily Sendout	1,529,446
Month to Date Current Sendout	33,885,093

Daily Average Temperature Data

Reading/Harrisburg/Lehigh/Lancaster	26
Wilkes-Barre/Scranton	19
Bradford	16

UGI UTILITIES, INC. - GAS DIVISION
PEAK DAY CAPACITY REQUIREMENTS AND SUPPLY OPTIONS
FOR YEAR ENDING SEPTEMBER 30, 2022
(DTH)

Supplier	Upstream Pipeline	Rate Schedule	2021-2022 (Projected)
Columbia		SST / FSS	126,473
Columbia		FTS	121,932
Columbia		NTS	19,520
Texas Eastern		FT/FT-1	165,207
Texas Eastern		CDS	84,068
Texas Eastern	Dominion	FTS-5/GSSII	6,667
Texas Eastern	Dominion	FT / GSS I	2,000
Texas Eastern	Dominion	FT / GSS II	2,000
Texas Eastern		SS-1	7,659
Texas Eastern / UGI Energy Services		Delivered Supply	25,000
Transco		FT	42,538
Transco		FTF/FT	22,770
Transco		SS-2	33,120
Transco		GSS	59,378
Transco		LGA	1,035
Transco		PS-FT	5,073
Transco		LSS	7,518
Transco		FT-Pocono	2,000
Transco Sentinel			(7,000)
Transco / UGI Energy Services		Delivered Supply	134,163
Tennessee		FT	40,068
Tennessee		Delivered Supply	16,766
UGI Energy Services		Peaking Services	439,187
Supply TBD			28,291
LNG Supply			500
North Penn	Shell	Direct Connection	1,500
Dominion		FT	2,000
UGI Storage Company		NNS	8,792
Subtotal			1,398,225
Third Party Capacity - Large Customers			678,691
Total Firm Capacity			2,076,916

PGC-1 Requirements	892,343
CHOICE Requirements	229,227
Subtotal	1,121,570
Firm Transportation Requirements	899,268
Total Requirements	2,020,838

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SDR-COS-11

Request:

Please provide copies of the Company's daily sendout sheets for November through March of the most recent heating season.

Response:

Please see Attachment SDR-COS-11.

Prepared by or under the supervision of: Christopher R. Brown

UGI UTILITIES, INC. - GAS DIVISION
DAILY SENDOUT
NOVEMBER 2020 - MARCH 2021
(DTH)

Nov 2020 Sendout		Dec 2020 Sendout		Jan 2021 Sendout		Feb 2021 Sendout		Mar 2021 Sendout	
11/1/2020	985,325	12/1/2020	1,160,164	1/1/2021	1,113,726	2/1/2021	1,325,635	3/1/2021	1,289,256
11/2/2020	1,092,803	12/2/2020	1,202,476	1/2/2021	1,060,965	2/2/2021	1,271,395	3/2/2021	1,305,929
11/3/2020	1,009,046	12/3/2020	1,099,798	1/3/2021	1,147,500	2/3/2021	1,238,612	3/3/2021	1,057,238
11/4/2020	909,415	12/4/2020	1,037,752	1/4/2021	1,109,255	2/4/2021	1,229,689	3/4/2021	1,248,134
11/5/2020	842,220	12/5/2020	1,145,551	1/5/2021	1,134,424	2/5/2021	1,201,521	3/5/2021	1,206,003
11/6/2020	772,190	12/6/2020	1,303,204	1/6/2021	1,210,493	2/6/2021	1,213,169	3/6/2021	1,162,901
11/7/2020	663,577	12/7/2020	1,331,052	1/7/2021	1,226,544	2/7/2021	1,378,978	3/7/2021	1,173,928
11/8/2020	667,984	12/8/2020	1,299,388	1/8/2021	1,249,160	2/8/2021	1,415,124	3/8/2021	1,084,326
11/9/2020	675,023	12/9/2020	1,254,275	1/9/2021	1,144,197	2/9/2021	1,368,990	3/9/2021	966,061
11/10/2020	625,273	12/10/2020	1,186,833	1/10/2021	1,170,506	2/10/2021	1,342,000	3/10/2021	894,214
11/11/2020	641,395	12/11/2020	1,060,988	1/11/2021	1,263,088	2/11/2021	1,413,353	3/11/2021	768,841
11/12/2020	828,986	12/12/2020	996,208	1/12/2021	1,225,632	2/12/2021	1,378,858	3/12/2021	851,226
11/13/2020	829,026	12/13/2020	1,082,770	1/13/2021	1,141,020	2/13/2021	1,369,244	3/13/2021	880,611
11/14/2020	854,366	12/14/2020	1,333,567	1/14/2021	1,121,054	2/14/2021	1,286,206	3/14/2021	1,071,956
11/15/2020	805,942	12/15/2020	1,427,325	1/15/2021	1,032,636	2/15/2021	1,289,173	3/15/2021	1,169,735
11/16/2020	872,661	12/16/2020	1,468,339	1/16/2021	1,058,548	2/16/2021	1,350,236	3/16/2021	1,145,206
11/17/2020	1,024,709	12/17/2020	1,338,250	1/17/2021	1,086,473	2/17/2021	1,378,976	3/17/2021	990,747
11/18/2020	1,149,972	12/18/2020	1,307,643	1/18/2021	1,154,281	2/18/2021	1,334,060	3/18/2021	1,041,915
11/19/2020	971,860	12/19/2020	1,244,980	1/19/2021	1,162,000	2/19/2021	1,307,459	3/19/2021	1,125,478
11/20/2020	757,695	12/20/2020	1,152,566	1/20/2021	1,369,978	2/20/2021	1,309,147	3/20/2021	946,746
11/21/2020	821,846	12/21/2020	1,158,015	1/21/2021	1,196,494	2/21/2021	1,217,774	3/21/2021	893,653
11/22/2020	908,971	12/22/2020	1,173,240	1/22/2021	1,268,420	2/22/2021	1,238,085	3/22/2021	898,364
11/23/2020	1,070,396	12/23/2020	1,111,561	1/23/2021	1,388,781	2/23/2021	1,204,614	3/23/2021	788,681
11/24/2020	1,041,950	12/24/2020	806,744	1/24/2021	1,338,240	2/24/2021	1,055,253	3/24/2021	800,380
11/25/2020	862,889	12/25/2020	1,148,161	1/25/2021	1,307,904	2/25/2021	1,190,265	3/25/2021	683,797
11/26/2020	713,924	12/26/2020	1,295,641	1/26/2021	1,302,444	2/26/2021	1,144,942	3/26/2021	688,318
11/27/2020	766,233	12/27/2020	1,152,506	1/27/2021	1,371,886	2/27/2021	1,074,162	3/27/2021	661,930
11/28/2020	876,330	12/28/2020	1,047,313	1/28/2021	1,529,446	2/28/2021	1,099,607	3/28/2021	830,867
11/29/2020	891,208	12/29/2020	1,183,746	1/29/2021	1,455,598			3/29/2021	988,383
11/30/2020	871,957	12/30/2020	1,103,946	1/30/2021	1,251,152			3/30/2021	783,418
		12/31/2020	1,136,132	1/31/2021	1,322,788			3/31/2021	865,688

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Cost of Service
Delivered on January 28, 2022

SDR-COS-12

Request:

Please provide a copy of the load duration curve used by the Company for capacity planning purposes. Please also identify the numerical data points shown for each day on the curve.

Response:

Please see Book I, Appendix F, Attachment 14-2, of the 2021 1307(f) Purchased Gas Cost filing for UGI Gas at Docket No. R-2021-3025652 which can be found at <https://www.puc.pa.gov/pdocs/1702100.pdf>.

Prepared by or under the supervision of: Christopher R. Brown

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Cost of Service
Delivered on January 28, 2022

SDR-COS-13

Request:

Please provide the following for the Company's ten largest transportation customers during peak month of the most recent heating season:

- a. actual consumption
- b. volume delivered to the Company on their behalf, if applicable
- c. daily nomination

Response:

Please see Attachment SDR-COS-13.

Prepared by or under the supervision of: Christopher R. Brown

UGI UTILITIES, INC. - GAS DIVISION
TEN LARGEST TRANSPORTATION CUSTOMERS DURING PEAK MONTH OF THE MOST RECENT HEATING SEASON
JANUARY 2021

Rate XD - Customer 2	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)	Rate XD - Customer 9	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)	Rate XD - Customer 12	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)	Rate XD - Customer 16	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)	Rate XD - Customer 17	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)
1/1/2021	5,574.7	0.0	1/1/2021	12,756.5	14,534.9	1/1/2021	3,338.1	3,982.8	1/1/2021	13,037.0	13,667.0	1/1/2021	10,830.0	10,420.4
1/2/2021	5,863.9	0.0	1/2/2021	8,833.4	14,534.9	1/2/2021	3,947.8	3,982.8	1/2/2021	12,888.0	13,564.5	1/2/2021	10,810.0	10,397.4
1/3/2021	6,084.4	0.0	1/3/2021	14,062.8	14,534.9	1/3/2021	7,281.8	6,403.1	1/3/2021	12,582.0	11,286.9	1/3/2021	10,870.0	10,052.8
1/4/2021	6,363.0	0.0	1/4/2021	11,416.3	14,534.9	1/4/2021	6,733.4	6,733.4	1/4/2021	12,170.0	10,391.7	1/4/2021	10,570.0	9,720.5
1/5/2021	5,794.4	0.0	1/5/2021	17,333.3	14,534.9	1/5/2021	8,817.1	6,894.3	1/5/2021	12,020.0	11,179.6	1/5/2021	10,620.0	10,340.0
1/6/2021	6,425.8	0.0	1/6/2021	18,730.4	19,298.4	1/6/2021	9,189.6	6,946.9	1/6/2021	12,869.0	12,137.0	1/6/2021	10,890.0	10,416.6
1/7/2021	6,595.8	9,932.2	1/7/2021	14,250.1	14,534.9	1/7/2021	9,592.5	6,834.9	1/7/2021	12,774.0	12,268.2	1/7/2021	10,910.0	10,435.7
1/8/2021	5,536.1	15,972.9	1/8/2021	0.0	0.0	1/8/2021	9,238.4	5,682.2	1/8/2021	12,667.0	11,936.9	1/8/2021	11,300.0	10,052.8
1/9/2021	5,455.9	0.0	1/9/2021	0.0	0.0	1/9/2021	7,502.8	4,602.2	1/9/2021	12,799.0	13,223.7	1/9/2021	11,200.0	10,654.0
1/10/2021	6,355.4	0.0	1/10/2021	0.0	0.0	1/10/2021	8,259.3	5,890.9	1/10/2021	12,967.0	12,565.0	1/10/2021	11,410.0	10,677.0
1/11/2021	6,486.1	0.0	1/11/2021	978.0	0.0	1/11/2021	9,359.8	7,021.6	1/11/2021	12,912.0	12,123.6	1/11/2021	9,900.0	10,435.7
1/12/2021	6,165.5	0.0	1/12/2021	47,018.8	49,220.9	1/12/2021	9,245.8	6,909.6	1/12/2021	12,582.0	13,689.0	1/12/2021	9,840.0	11,010.2
1/13/2021	6,674.7	0.0	1/13/2021	0.0	0.0	1/13/2021	9,211.9	7,659.2	1/13/2021	12,560.0	13,756.0	1/13/2021	11,010.0	11,488.9
1/14/2021	6,363.9	0.0	1/14/2021	26,108.5	23,976.7	1/14/2021	9,549.9	8,616.7	1/14/2021	13,029.0	13,398.9	1/14/2021	11,020.0	11,967.6
1/15/2021	5,703.1	0.0	1/15/2021	0.0	0.0	1/15/2021	7,917.8	8,808.1	1/15/2021	10,804.0	13,266.8	1/15/2021	10,930.0	11,967.6
1/16/2021	5,474.1	0.0	1/16/2021	0.0	0.0	1/16/2021	6,983.0	8,616.7	1/16/2021	12,778.0	14,333.3	1/16/2021	10,860.0	12,738.3
1/17/2021	5,754.0	0.0	1/17/2021	0.0	0.0	1/17/2021	8,305.6	8,616.7	1/17/2021	12,591.0	13,921.6	1/17/2021	10,940.0	12,741.2
1/18/2021	6,134.7	5,517.9	1/18/2021	0.0	0.0	1/18/2021	9,214.7	8,616.7	1/18/2021	11,614.0	12,273.0	1/18/2021	9,420.0	12,003.0
1/19/2021	5,834.4	0.0	1/19/2021	338.6	0.0	1/19/2021	8,266.1	8,616.7	1/19/2021	11,614.0	12,273.0	1/19/2021	8,840.0	12,165.8
1/20/2021	6,515.9	12,584.7	1/20/2021	79,608.2	75,229.7	1/20/2021	8,945.4	7,946.5	1/20/2021	11,615.0	12,706.7	1/20/2021	10,930.0	11,488.9
1/21/2021	6,894.3	6,873.2	1/21/2021	59,477.9	54,079.5	1/21/2021	7,829.5	8,616.7	1/21/2021	11,341.0	12,496.1	1/21/2021	10,660.0	11,010.2
1/22/2021	6,324.8	7,260.4	1/22/2021	84,502.0	81,836.2	1/22/2021	7,380.9	8,042.2	1/22/2021	11,470.0	12,382.1	1/22/2021	10,630.0	11,010.2
1/23/2021	6,177.1	8,228.5	1/23/2021	85,535.5	80,617.2	1/23/2021	7,123.9	7,850.7	1/23/2021	4,697.0	9,458.2	1/23/2021	10,280.0	11,782.8
1/24/2021	6,186.0	8,228.5	1/24/2021	84,928.4	80,627.9	1/24/2021	8,129.2	7,850.7	1/24/2021	2,459.0	9,393.1	1/24/2021	11,150.0	11,465.9
1/25/2021	6,875.4	8,228.5	1/25/2021	84,875.6	86,735.5	1/25/2021	9,159.2	7,850.7	1/25/2021	9,376.0	9,031.2	1/25/2021	10,440.0	11,488.9
1/26/2021	6,115.3	0.0	1/26/2021	83,014.0	92,262.6	1/26/2021	9,035.6	6,969.9	1/26/2021	11,434.0	4,114.0	1/26/2021	9,900.0	10,435.7
1/27/2021	7,185.5	0.0	1/27/2021	86,665.7	88,125.0	1/27/2021	9,453.6	7,180.5	1/27/2021	12,217.0	10,363.0	1/27/2021	10,930.0	10,052.8
1/28/2021	6,690.6	0.0	1/28/2021	86,216.8	87,317.8	1/28/2021	9,232.0	8,137.9	1/28/2021	11,388.0	11,629.6	1/28/2021	10,680.0	10,052.8
1/29/2021	6,220.5	0.0	1/29/2021	43,822.3	45,452.5	1/29/2021	7,918.4	7,467.8	1/29/2021	10,887.0	11,860.3	1/29/2021	11,600.0	11,359.6
1/30/2021	6,568.1	0.0	1/30/2021	0.0	0.0	1/30/2021	6,203.5	7,467.8	1/30/2021	3,226.0	12,692.3	1/30/2021	11,540.0	11,010.2
1/31/2021	5,948.6	0.0	1/31/2021	950.5	0.0	1/31/2021	7,921.8	7,467.8	1/31/2021	0.0	12,820.6	1/31/2021	11,320.0	12,237.2
Total	192,342.0	82,826.8	Total	950,423.6	951,989.3	Total	251,718.7	224,284.7	Total	336,467.0	370,202.9	Total	332,230.0	343,077.2

Rate XD - Customer 28	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)	Rate XD - Customer 39	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)	Rate XD - Customer 48	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)	Rate XD - Customer 50	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)	Rate XD - Customer 53	(a.) Actual Consumption (Mcf)	(b. and c.) Volume Delivered / Daily Nomination (Mcf)
1/1/2021	217,497.7	203,291.4	1/1/2021	128,034.9	128,034.9	1/1/2021	39,180.0	39,180.0	1/1/2021	5,366.0	2,415.3	1/1/2021	8,268.0	8,500.5
1/2/2021	217,265.0	216,844.1	1/2/2021	127,247.1	127,247.1	1/2/2021	38,940.0	38,940.0	1/2/2021	99.8	0.0	1/2/2021	8,408.0	8,518.9
1/3/2021	213,925.6	216,844.1	1/3/2021	128,793.6	128,793.6	1/3/2021	39,231.0	39,231.0	1/3/2021	4,368.0	0.0	1/3/2021	8,583.0	8,518.9
1/4/2021	213,972.2	216,844.1	1/4/2021	123,663.8	123,663.8	1/4/2021	37,950.0	37,950.0	1/4/2021	2,324.6	3,831.6	1/4/2021	8,482.0	8,518.9
1/5/2021	214,456.1	212,971.9	1/5/2021	123,512.6	123,512.6	1/5/2021	36,815.0	36,815.0	1/5/2021	93.0	0.0	1/5/2021	8,446.0	8,491.8
1/6/2021	217,574.4	212,971.9	1/6/2021	124,714.1	124,714.1	1/6/2021	38,318.0	38,318.0	1/6/2021	99.0	0.0	1/6/2021	8,439.0	8,518.9
1/7/2021	218,666.2	212,971.9	1/7/2021	128,920.5	128,920.5	1/7/2021	39,794.0	39,794.0	1/7/2021	98.0	0.0	1/7/2021	8,515.0	8,296.2
1/8/2021	218,746.7	216,844.1	1/8/2021	127,118.2	127,118.2	1/8/2021	40,648.0	40,648.0	1/8/2021	99.0	0.0	1/8/2021	8,552.0	8,502.4
1/9/2021	215,826.8	216,844.1	1/9/2021	124,851.7	124,851.7	1/9/2021	39,899.0	39,899.0	1/9/2021	99.0	0.0	1/9/2021	8,602.0	8,518.9
1/10/2021	215,848.9	216,844.1	1/10/2021	122,258.7	122,258.7	1/10/2021	39,939.0	39,939.0	1/10/2021	5,196.2	3,864.5	1/10/2021	8,555.0	8,518.9
1/11/2021	217,643.0	216,844.1	1/11/2021	128,985.5	128,985.5	1/11/2021	38,392.0	38,392.0	1/11/2021	201.8	0.0	1/11/2021	8,768.0	8,518.9
1/12/2021	217,405.0	216,844.1	1/12/2021	127,470.0	127,470.0	1/12/2021	38,044.0	38,044.0	1/12/2021	5,777.2	3,864.5	1/12/2021	8,604.0	8,518.9
1/13/2021	212,730.8	216,844.1	1/13/2021	120,347.9	120,347.9	1/13/2021	37,122.0	37,122.0	1/13/2021	308.2	0.0	1/13/2021	7,918.0	8,390.1
1/14/2021	215,423.5	216,844.1	1/14/2021	124,891.5	124,891.5	1/14/2021	37,798.0	37,798.0	1/14/2021	29.6	0.0	1/14/2021	8,471.0	8,518.9
1/15/2021	213,958.0	212,003.9	1/15/2021	127,428.3	127,428.3	1/15/2021	37,779.0	37,779.0	1/15/2021	24.2	0.0	1/15/2021	8,822.0	7,801.5
1/16/2021	213,537.8	214,908.0	1/16/2021	128,568.8	128,568.8	1/16/2021	36,959.0	36,959.0	1/16/2021	29.4	0.0	1/16/2021	8,812.0	8,518.9
1/17/2021	215,356.7	212,971.9	1/17/2021	128,230.6	128,230.6	1/17/2021	37,752.0	37,752.0	1/17/2021	68.4	0.0	1/17/2021	8,615.0	8,518.9
1/18/2021	215,193.1	214,908.0	1/18/2021	126,097.9	126,097.9	1/18/2021	39,265.0	39,265.0	1/18/2021	102.8	0.0	1/18/2021	8,218.0	8,518.9
1/19/2021	216,343.5	214,908.0	1/19/2021	127,702.5	127,702.5	1/19/2021	38,373.0	38,373.0	1/19/2021	110.8	0.0	1/19/2021	7,966.0	8,518.9
1/20/2021	218,018.2	214,908.0	1/20/2021	128,526.2	128,526.2	1/20/2021	39,808.0	39,808.0	1/20/2021	126.6	0.0	1/20/2021	7,631.0	8,518.9
1/21/2021	212,847.0	214,908.0	1/21/2021	128,119.2	128,119.2	1/21/2021	36,362.0	36,362.0	1/21/2021	114.2	0.0	1/21/2021	8,186.0	8,518.9
1/22/2021	217,653.0	214,908.0	1/22/2021	126,329.5	126,329.5	1/22/2021	36,958.0	36,958.0	1/22/2021	106.0	0.0	1/22/2021	7,879.0	8,518.9
1/23/2021	217,545.8	214,908.0	1/23/2021	129,796.5	129,796.5	1/23/2021	40,282.0	40,282.0	1/23/2021	116.0	0.0	1/23/2021	7,999.0	8,518.9
1/24/2021	218,250.5	214,908.0	1/24/2021	129,937.0	129,937.0	1/24/2021	41,400.0	41,400.0	1/24/2021	114.0	0.0	1/24/2021	7,829.0	8,518.9
1/25/2021	217,456.5	214,908.0	1/25/2021	128,160.9	128,160.9	1/25/2021	38,953.0	38,953.0	1/25/2021	109.0	0.0	1/25/2021	7,808.0	8,518.9
1/26/2021	216,193.7	216,844.1	1/26/2021	129,690.9	129,690.9	1/26/2021	38,366.0	38,366.0	1/26/2021	3,454.4	3,864.5	1/26/2021	8,138.0	8,518.9
1/27/2021	220,051.0	216,844.1	1/27/2021	130,442.8	130,442.8	1/27/2021	40,078.0	40,078.0	1/27/2021	2,121.4	0.0	1/27/2021	8,086.0	8,518.9
1/28/2021	218,940.6	216,844.1	1/28/2021	127,400.2	127,400.2	1/28/2021	41,468.0	41,468.0	1/28/2021	25,331.4	23,656.4			

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Cost of Service
Delivered on January 28, 2022

SDR-COS-14

Request:

Please provide a summary identifying the salient features of each of the following. Salient features include contract party, effective term and applicable contract quantities (daily, annual, seasonal, etc.).

- a. All firm transportation agreements by type greater than one month in length. Indicate whether the capacity is available at the Company's citygate to meet design day requirements or is upstream capacity. Identify the downstream pipeline for each upstream arrangement.
- b. All firm storage, gathering and exchange agreements. Indicate if each agreement provides design day capacity at the citygate or requires separate transportation (identify) service to effectuate delivery. Include on-system storage and peak shaving facilities used by the Company and identify all ratcheting provisions applicable to the Company's contractual and on-system storage arrangements.

Response:

Please see Attachments SDR-COS-14(a) and SDR-COS-14(b). The contracts are reflected as of 11/1/2021.

Prepared by or under the supervision of: Christopher R. Brown

Pipeline	Rate Schedule	Contract ID	Contract Type	Term Start	Term End	MDQ	SCQ	Capacity Flow	Downstream Pipe
Columbia	FSS	79028	Storage	11/1/2004	3/31/2025	126,473	7,050,541	Upstream	Columbia
Columbia	FTS	46284	Transport	11/1/1993	10/31/2023	50,412		City Gate	
Columbia	FTS	78653	Transport	5/15/2004	10/31/2029	42,000		City Gate	
Columbia	FTS	80021	Transport	11/1/2004	10/31/2025	21,500		City Gate	
Columbia	FTS	80095	Transport	11/1/2004	3/31/2024	18,020		City Gate	
Columbia	FTS	80835	Transport	11/1/2004	10/31/2023	3,738		City Gate	
Columbia	NTS	80837	Transport	11/1/2004	10/31/2024	15,000		City Gate	
Columbia	SST	79133	Transport	11/1/2004	3/31/2025	126,473		City Gate	
Columbia	FTS	229154	Transport	11/1/2004	3/31/2025	7,750		City Gate	
Columbia	FTS	230222	Transport	11/1/2012	10/31/2024	10,782		City Gate	
Columbia	NTS	230215	Transport	11/1/2012	3/31/2024	4,520		City Gate	
Columbia	FTS	230211	Transport	11/1/2004	10/31/2023	2,432		City Gate	
Columbia	FTS	230212	Transport	11/1/2019	10/31/2023	2,432		City Gate	
Columbia	FTS	230213	Transport	11/1/2019	10/31/2023	2,432		City Gate	
Columbia	FTS	230214	Transport	11/1/2019	10/31/2023	2,434		City Gate	
EGTS	FT	5H0743	Transport	1/1/2005	12/31/2022	2,000		City Gate	
EGTS	FT	5G1773	Transport	11/1/1998	3/31/2024	2,000		Upstream	TETCO
EGTS	GSS	5F5363	Storage	11/1/1998	3/31/2024	2,000	200,000	Upstream	Transco/TETCO
EGTS	GSS	5F5362	Storage	11/1/1998	3/31/2024	2,000	200,000	Upstream	TETCO
EGTS	GSS	300126	Storage	11/1/1998	3/31/2024	6,667	666,667	Upstream	TETCO
Tennessee	FT-G	62498	Transport	9/1/1993	10/31/2025	Variable - 400 dth/d to 1,200 dth/d		City Gate	
Tennessee	FT-G	62499	Transport	9/1/1993	10/31/2025	Variable - 0 dth/d to 2,054 dth/d		City Gate	
Tennessee	FT-A	301692	Transport	11/1/2014	10/31/2029	34,000		City Gate	
Tennessee	FT-A	362539	Transport	11/1/2020	10/31/2032	3,183		City Gate	
TETCO	CDS	800239	Transport	6/1/1993	10/31/2023	25,000		City Gate	
TETCO	CDS	800397	Transport	11/1/1993	10/31/2023	41,000		City Gate	
TETCO	CDS	820019	Transport	11/1/2000	10/31/2023	10,000		City Gate	
TETCO	Flex-X	800504	Transport	11/1/1995	10/31/2023	4,000		City Gate	
TETCO	FT-1	800240	Transport	6/1/1993	10/31/2023	25,000		City Gate	
TETCO	FT-1	800373	Transport	11/1/1994	10/31/2024	20,000		City Gate	
TETCO	FT-1	800394	Transport	11/1/1993	10/31/2023	32,475		City Gate	
TETCO	FT-1	800468	Transport	11/1/1995	10/31/2024	10,000		City Gate	
TETCO	FT-1	830067	Transport	12/1/1999	10/31/2024	10,000		City Gate	
TETCO	FT-1	910181	Transport	11/1/2004	10/31/2023	12,000		City Gate	
TETCO	FT-1	910417	Transport	11/1/2003	10/31/2023	11,713		City Gate	
TETCO	FTS-5	330910	Transport	6/1/1993	3/31/2023	6,667		City Gate	
TETCO	FT-1	911580	Transport	11/1/1994	4/15/2023	5,880		City Gate	
TETCO	CDS	800376	Transport	10/1/1993	10/31/2025	8,068		City Gate	
TETCO	FT 1	800404	Transport	11/1/1994	10/31/2025	1,136		City Gate	
TETCO	FT-1	830060	Transport	3/24/1999	11/30/2025	4,000		City Gate	
TETCO	FT-1	911777	Transport	11/1/2021	10/31/2036	18,000		City Gate	
TETCO	FT-1	911153	Transport	11/1/2014	10/31/2025	3,300		Upstream	Columbia
TETCO	SS-1	400190	Storage	5/1/1994	4/30/2026	7,659	541,911	City Gate	
Transco	FT	1005004	Transport	8/1/1991	3/31/2027	1,346		City Gate	
Transco	FT	1002594	Transport	2/1/1992	3/31/2024	5,072		City Gate	
Transco	FT	1002595	Transport	4/10/1990	3/31/2024	2,081		City Gate	
Transco	FT	1013596	Transport	10/1/1996	3/31/2027	22,770		City Gate	
Transco	FT	9089608	Transport	11/1/2009	10/31/2029	7,000		City Gate	
Transco	FT	9180223	Transport	12/1/2015	7/31/2024	12,279		City Gate	
Transco	FT-PS	1004999	Transport	8/1/1991	3/31/2025	3,416		City Gate	
Transco	FT-Pocono	1021106	Transport	11/1/1997	10/31/2027	500		City Gate	
Transco	FT	1003692	Transport	2/1/1992	3/31/2024	8,328		City Gate	
Transco	FT-PS	1005005	Transport	8/1/1991	7/31/2026	311		City Gate	
Transco	FT	1006503	Transport	10/1/1993	10/31/2024	4,566		City Gate	
Transco	FT	1012119	Transport	11/16/1995	3/31/2024	828		City Gate	
Transco	FT-Pocono	1021107	Transport	11/1/1997	3/31/2025	1,500		City Gate	
Transco	FT-LS	9250893	Transport	10/19/2021	10/18/2036	2,400		City Gate	
Transco	GSS	1000798	Storage	7/1/1996	3/31/2028	56,532	2,746,576	City Gate	
Transco	LSS	1000796	Storage	10/1/1993	3/31/2028	7,518	827,053	City Gate	
Transco	SS-2	1004032	Storage	4/1/1990	3/31/2028	25,875	2,846,250	City Gate	
Transco	ESS	9162496	Storage	11/1/1993	10/31/2024	10,000	83,847	Upstream	Transco
Transco	GSS	1000749	Storage	7/1/1996	3/31/2028	1,744	102,129	City Gate	
Transco	SS2	1003973	Storage	7/25/1990	3/31/2028	7,245	796,950	City Gate	
Transco	GSS	1000780	Storage	7/1/1996	3/31/2028	1,102	57,881	City Gate	
Transco	LG-A	1000783	Storage	11/1/1974	3/31/2025	1,035	4,140	City Gate	
UGI Storage Company	NNS	NNS-1	Transport	4/1/2011	3/31/2026	8,792		City Gate	
UGI Storage Company	FSS	FSS-1	Storage	4/1/2011	3/31/2026	8,792	879,200	City Gate	
Supplier A		N/A	Delivered Supply	12/1/2020	3/31/2026	600		City Gate	
Supplier A		N/A	Delivered Supply	12/1/2021	3/31/2024	10,000		City Gate	

Pipeline	Rate Schedule	Contract ID	Contract Type	Term Start	Term End	MDQ	SCQ	Capacity Flow	Downstream Pipe
Supplier B		N/A	Delivered Supply	11/1/2014	10/31/2020	1,500		City Gate	
Supplier C		N/A	Delivered Supply	11/1/2018	10/31/2023	16,766		City Gate	
UGI Energy Services		UGI-CO-1014	Delivered Supply	11/1/2021	10/31/2036	25,000		City Gate	
UGI Energy Services		UGIN-CO-1012	Delivered Supply	11/1/2018	10/31/2033	36,169		City Gate	
UGI Energy Services		UGI-CO-1013	Delivered Supply	11/1/2020	10/31/2038	97,994		City Gate	
UGI Energy Services		UGIU-P-1010	Peaking	11/1/2015	3/31/2020	106,465		City Gate	
UGI Energy Services		UGIU-P-1012	Peaking	11/1/2016	3/31/2021	23,632		City Gate	
UGI Energy Services		UGIU-P-1014	Peaking	11/1/2018	3/31/2033	40,573		City Gate	
UGI Energy Services		UGIU-P-1016	Peaking	11/1/2021	3/31/2036	162,177		City Gate	
UGI Energy Services		UGIU-P-1017	Peaking	11/1/2021	3/31/2036	72,299		City Gate	
UGI Energy Services		UGIU-P-1018	Peaking	12/1/2021	3/31/2024	15,891		City Gate	
UGI Energy Services		CPG-P-1006	Peaking	11/1/2015	3/31/2025	4,750		City Gate	
UGI Energy Services		CPG-P-1007	Peaking	11/1/2018	3/31/2033	5,000		City Gate	
UGI Energy Services		CPG-P-1008	Peaking	11/1/2018	3/31/2033	2,519		City Gate	
UGI Energy Services		PNG-P-1003	Peaking	11/1/2016	3/31/2026	21,772		City Gate	

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (MMB) (1)		INJECTION		INJECT SEASON		WITHDRAWAL		Contractual Number of Days	W/D SEASON	Tariff Reference
		Div D	Div D	MISC	Div/D	Operational # of Days	RATCHETS					
COLUMBIA	FSS 79028	7,050,541	126,473	MDIQ = 12% of monthly maximum and Nov and Dec = 120% of monthly maximum MAXIMUM MONTHLY INJECTION: Apr-15%, May thru July = 20%, Aug-15% Sept = 15%, Oct-5%, Nov-5%, Dec thru Mar-10%	YEAR	126,473	39	MDWQ = 100% if % of gas in storage is >30% 60% MDWQ if % of gas in storage is <30% and >20% 65% MDWQ if % of gas in storage is <20% and >10% 50% MDWQ if % of gas in storage is <10% and >0% last withdrawal to empty field MAXIMUM MONTHLY WITHDRAWALS: NOV DEC JAN -60% of SCQ FEB -30% of SCQ MAR -20% of SCQ MINIMUM MONTHLY WITHDRAWALS - FEB -10% of SCQ MAR -10% of SCQ	56	YEAR ROUND	sec.4/ p.90-92	
					ROUND	101,178	6					63,207
INJ RULES: 1) Subject to minimum and maximum daily and monthly injection limits. 2) Excess must be requested 24hrs in advance WDL RULES: 1) Subject to minimum and maximum daily and monthly withdrawals limits 2) Excess must be requested 24hrs in advance Seasonal Rules 2) Subject to seasonal maximum inventory levels: no more than 60% of SCQ on 6/30 and no more than 85% of SCQ on 8/31 3) Subject to seasonal maximum inventory levels: no more than 25% of SCQ on 4/1 and no more than 65% of SCQ on 2/1 Override 1) DAILY PENALTY based on the higher of (i) a price per Dth equal to three times the midpoint of the range of prices reported for "Columbia Gas, Appalachia" as published in Platts Gas Daily price survey or (ii) a price per Dth equal to 150 percent of the highest midpoint posting for either: Mich Con City-gate, Transco, Zone 6 Non-N.Y., or Texas Eastern, M-2 Receipts as published in Platts Gas Daily price survey for all quantities taken in excess of its Lowend Quantity 2) DAILY OFO PENALTY based on the higher of (i) a price per Dth equal to three times the midpoint of the range of prices reported for "Columbia Gas, Appalachia" as published in Platts Gas Daily price survey or (ii) a price per Dth equal to 150 percent of the highest midpoint posting for either: Mich Con City-gate, Transco, Zone 6 Non-N.Y., or Texas Eastern, M-2 Receipts as published in Platts Gas Daily price survey shall be assessed to Shipper for all quantities in violation of that operational flow order 3) DAILY PENALTY = If injections exceed 110% of MDIQ, charge is \$5 for all dth in excess of MDIQ 4) MONTHLY PENALTY = If injections exceed 105% of MMIQ, charge is \$5 for all dth in excess of 105% 5) MONTHLY PENALTY = If withdrawals exceed monthly limits, charge is \$5 for all dth in excess of limits 6) DAILY PENALTY = If injections or withdrawals exceed SCQ or results in a negative balance, charge is \$5 for all dth in excess of SCQ 7) DAILY PENALTY = If unauthorized withdrawals > 103% of MDWQ, charge is \$10 for all dth can be reduced if paying matching transportation penalties 8) Gas is forfeited to Pipeline if a) OFO violation; b) failure to withdrawal monthly minimum; c) failure to comply with April 1 limit 9) June 30 and August 31 FSS Inventory levels are not enforceable except if TCO issues an OFO for that period per Brian Adams 6/18/2006												

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (MMB) (1)		INJECTION		INJECT SEASON		WITHDRAWAL		Contractual Number of Days	W/D SEASON	Tariff Reference
		Div D	Div D	MISC	Div/D	Operational # of Days	RATCHETS					
DOMINION	GSS 300126	666,667	3,704	SUMMER: if storage balance < or = -1/2 of capacity 1100 of capacity	YEAR	6,667	65	100% MDWQ if % of gas in storage is >30% 50% MDWQ if % of gas in storage is <20% and >10% 70% MDWQ if % of gas in storage is <10% and >0% 65% MDWQ if % of gas in storage is <10% and >0% last withdrawal to empty field	100	YEAR ROUND	rate sheet 35 sec. 8.6/p.358 sht 35/sec. 9.1 sec. 8.7/p.358 sec. 8.5/p.358 rate sheet 39 rate sheet 39	
			3,115	(if storage balance > or = 1/2 of capacity then 1/2 of capacity MINUS: 1/2 of capacity)	ROUND	6,133	21					4,667
INJ RULES: 1) Tariff injection tolerance = 115% of MDIQ Apr 1 thru Jul 31; = 107% in Aug; 102% in Sept and Oct WDL RULES: 1) Monthly limit - Dominion is required to deliver only 67.5% in any month 2) Excess withdrawals may be requested, subject to excess charge Seasonal Rules 1) Minimum turnover - By Apr 15, total withdrawals must be equal to or greater than the Nov 1 balance of preceding year Season Withdrawal Obligation = (Starting Nov 1 Storage Balance) / (0.35 * Seasonal Capacity Quantity) 2) Monthly minimum balances: Dec and Jan-35%; Feb-15%. Failure to maintain minimum levels will reduce withdrawal by 10% Override 1) Daily Injection Overruns - if uncorrected over tolerance then subject to Unauthorized Overrun Charge 2) Storage Capacity Overruns - if not adjusted within 24hrs, then subject to Storage Gas Balance Unauthorized Overrun Charge 3) Daily Withdrawal Overruns - if uncorrected over entitlement then subject to Unauthorized Withdrawal Overrun Charge 4) Daily Withdrawal Overruns - if withdrawals exceed storage gas balance, then subject to \$25/dth per day until gas is replaced 5) Failure to comply with Minimum Turnover, then subject to a charge of 2 times the effective fuel retention % by deducting the dth from the gas balance.												

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (MMB) (1)		INJECTION		INJECT SEASON		WITHDRAWAL		Contractual Number of Days	W/D SEASON	Tariff Reference
		Div D	Div D	MISC	Div/D	Operational # of Days	RATCHETS					
TRANSCO	GSS 1000749	102,129	567	0-50% of Storage Cap Quantity = 1100	YEAR	1744	38	MDWQ = 100% if % of gas in storage is >30% 60% of MDWQ if % of gas in storage is <20% to 35% 74% of MDWQ if % of gas in storage is <7% to 20% 55% of MDWQ if % of gas in storage is 0% to 7% last withdrawal to empty field	56	YEAR ROUND	sec. 7.3a	
			477	50-100% of Storage Cap Quantity = 1214	ROUND	1,291	10					959
INJ RULES: 1) Swing rate schedule 2) Transco is required to deliver only 67.5% in any consecutive 30 day period WDL RULES: 2) Transco is not obligated to deliver below 20% balance in Storage Capacity Quantity from Nov 1 thru Feb 14 3) Transco is not obligated to deliver below 7% balance in Storage Capacity Quantity from Feb 15 thru Mar 1 Seasonal Rules 1) Seasonal withdrawals must be Nov 1 balance by Apr 15 2) Minimum inventory levels = Dec, Jan, 35%; Feb 15%; if not then obligation of storage demand will be reduced 5% Season Withdrawal Obligation = (Starting Nov 1 Storage Balance) / (0.35 * Seasonal Capacity Quantity) 3) Minimum turnover - By Apr 15, total withdrawals must be equal to or greater than the Nov 1 balance of preceding year 4) Subject to specific buyer OFO's to allow Transco manage GSS												

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (MMB) (1)		INJECTION		INJECT SEASON		WITHDRAWAL		Contractual Number of Days	W/D SEASON	Tariff Reference
		Div D	Div D	MISC	Div/D	Operational # of Days	RATCHETS					
TRANSCO	SS-2 1003973	796,550	5,313	0-10% of Storage Cap Quantity = 1150	4/1-10/31	7,245	77	>30-100% of Annual Storage Volume in balance = 1110 >15-30% of Annual Storage Volume in balance = 1120 >10-15% of Annual Storage Volume in balance = 1135 <10% of Annual Storage Volume in balance = 1150 last withdrawal to empty field	110	11/1-3/31	GT&C sec.18.1 GT&C sec.18.1	
			4,981	>10-30% of Storage Cap Quantity = 1160	YEAR	6,641	18					5,903
INJ RULES: 1) Swing rate ability, subject to Sec. 18.1 of GT&C WDL RULES: 1) Swing rate ability, subject to Sec. 18.1 of GT&C Seasonal Rules												

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (net)		INJECTION		INJECT SEASON	WITHDRAWAL			Contractual Number of Days	W/D SEASON	Tariff Reference
		Dth/D	MISC	Dth/D	Operational # of Days		RATCHETS					
DOMINION	GSS 300109	200,000	1,111 935	SUMMER : if storage balance < or = 1/2 of capacity then 1/180 of capacity; if storage balance > or = 1/2 of capacity then 1/214 of capacity WINTER : 1/214 of capacity	YEAR ROUND	2,000	65	100% MDWQ if % if gas in storage is >35% 92% MDWQ if % if gas in storage is <35% and >16% 70% MDWQ if % if gas in storage is <16% and >10% 63% MDWQ if % if gas in storage is <10% and >0%	100	YEAR ROUND	rate sheet 35 sec. 8.6(p. 358) SHT 35 sec. 9.1 sec. 8.7(p. 358)	
						1,840	21					1,400
INJ RULES: 1) Tariff injection tolerance = 115% of MDIQ Apr 1 thru Jul 31; = 107% in Aug; 102% in Sept and Oct 2) Excess injections may be requested, subject to excess charge WDL RULES: 1) Monthly limit - Dominion is required to deliver only 87.5% in any month 2) Excess withdrawals may be requested, subject to excess charge Seasonal Rules: 1) Minimum turnover - By Apr 15, total withdrawals must be equal to or greater than the Nov 1 balance of preceding year Season Withdrawal Obligation = (Starting Nov 1 Storage Balance) - (0.35 x Seasonal Capacity Quantity) 2) Monthly minimum balances: Dec and Jan<35%, Feb=15%. Failure to maintain minimum levels will reduce withdrawal by 10% Override: 1) Daily Injection Overrides - if uncorrected over tolerance then subject to Unauthorized Overrun Charge 2) Storage Capacity Overrides - if not adjusted within 24hrs, then subject to Storage Gas Balance Unauthorized Overrun Charge 3) Daily Withdrawal Overrides - if uncorrected over entitlement then subject to Unauthorized Withdrawal Overrun Charge 4) Daily Withdrawal Overrides - if withdrawals exceed storage gas balance, then subject to \$25/dth per day until gas is replaced 5) Failure to comply with Minimum Turnover, then subject to a charge of 2 times the effective fuel retention % by deducting the dth from the gas balance.												

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (net)		INJECTION		INJECT SEASON	WITHDRAWAL			Contractual Number of Days	W/D SEASON	Tariff Reference
		Dth/D	MISC	Dth/D	Operational # of Days		RATCHETS					
DOMINION	GSS 300110	200,000	1,111 935	SUMMER : if storage balance < or = 1/2 of capacity then 1/180 of capacity; if storage balance > or = 1/2 of capacity then 1/214 of capacity WINTER : 1/214 of capacity	YEAR ROUND	2,000	65	100% MDWQ if % if gas in storage is >35% 92% MDWQ if % if gas in storage is <35% and >16% 70% MDWQ if % if gas in storage is <16% and >10% 63% MDWQ if % if gas in storage is <10% and >0%	100	YEAR ROUND	rate sheet 35 sec. 8.6(p. 358) SHT 35 sec. 9.1 sec. 8.7(p. 358)	
						1,840	21					1,400
INJ RULES: 1) Tariff injection tolerance = 115% of MDIQ Apr 1 thru Jul 31; = 107% in Aug; 102% in Sept and Oct 2) Excess injections may be requested, subject to excess charge WDL RULES: 1) Monthly limit - Dominion is required to deliver only 87.5% in any month 2) Excess withdrawals may be requested, subject to excess charge Seasonal Rules: 1) Minimum turnover - By Apr 15, total withdrawals must be equal to or greater than the Nov 1 balance of preceding year Season Withdrawal Obligation = (Starting Nov 1 Storage Balance) - (0.35 x Seasonal Capacity Quantity) 2) Monthly minimum balances: Dec and Jan<35%, Feb=15%. Failure to maintain minimum levels will reduce withdrawal by 10% Override: 1) Daily Injection Overrides - if uncorrected over tolerance then subject to Unauthorized Overrun Charge 2) Storage Capacity Overrides - if not adjusted within 24hrs, then subject to Storage Gas Balance Unauthorized Overrun Charge 3) Daily Withdrawal Overrides - if uncorrected over entitlement then subject to Unauthorized Withdrawal Overrun Charge 4) Daily Withdrawal Overrides - if withdrawals exceed storage gas balance, then subject to \$25/dth per day until gas is replaced 5) Failure to comply with Minimum Turnover, then subject to a charge of 2 times the effective fuel retention % by deducting the dth from the gas balance.												

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (net)		INJECTION		INJECT SEASON	WITHDRAWAL			Contractual Number of Days	W/D SEASON	Tariff Reference
		Dth/D	MISC	Dth/D	Operational # of Days		RATCHETS					
TETCO	SS-1 400190	541,911	2,785		YEAR ROUND	7,659	48	> 174,300 but <= 541,911 > 125,601 but <= 174,300 > 73,101 but <= 125,600 >32,601 but <= 73,100 <= 32,600	71	YEAR ROUND	sec. 6.3	
						6,762	7					
						5,707	9					
						1,516	27					
						929	35					
INJ RULES: 1) Excess injections may be requested, subject to charge WDL RULES: 1) Excess withdrawals may be requested, subject to charge Seasonal Rules: 1) No-notice service that cannot exceed MSQ; No carryover provisions 2) If, at any time the MSQ is <10% of aggregate customers MSQ, then for remaining year any injs or transfers will not be included in determining the ratchet Override: 1) MONTHLY PENALTIES -Charge for excess injections/withdrawals is maximum (p.52 of tariff) times dth in excess 2) Subject to cashout												

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (net)		INJECTION		INJECT SEASON	WITHDRAWAL			Contractual Number of Days	W/D SEASON	Tariff Reference
		Dth/D	MISC	Dth/D	Operational # of Days		RATCHETS					
TRANSCO	GSS 1000780	57,881	322 270	0-50% of Storage Cap Quantity =1/180 50-100% of Storage Cap Quantity =1/214	YEAR ROUND	1,102	34	MDWQ =100% if % if gas in storage is >35% 99% of MDWQ if % if gas in storage is 20% to 35% 74% of MDWQ if % if gas in storage is 7% to 20% 55% of MDWQ if % if gas in storage is 0% to 7%	59	YEAR ROUND	sec. 7.3a sec 7.3(p. 115) sec 7.3(p. 115) sec 7.3(p. 115) sec 7.3(p. 116)	
						1,091	8					
						815	9					
INJ RULES: 1) Swing rate schedule 2) Transco is required to deliver only 87.5% in any consecutive 30 day period 3) Transco is not obligated to deliver below 7% balance in Storage Capacity Quantity from Nov 1 thru Feb 14 4) Seasonal withdrawals must be Nov 1 balance by Apr 15 WDL RULES: 1) Minimum inventory levels = Dec, Jan, 35%; Feb 15%; if not then obligation of storage demand will be reduced 5% Season Withdrawal Obligation = (Starting Nov 1 Storage Balance) - (0.35 x Seasonal Capacity Quantity) Seasonal Rules: 1) Minimum turnover - By Apr 1, total withdrawals must be equal to or greater than the Nov 1 balance of preceding year 2) Subject to specific buyer OFOs to allow Transco manage GSS												

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (net)		INJECTION		INJECT SEASON	WITHDRAWAL			Contractual Number of Days	W/D SEASON	Tariff Reference
		Dth/D	MISC	Dth/D	Operational # of Days		RATCHETS					
TRANSCO	LGA 1000783	4,140	21	Returns = 1/200 of Liquefaction Capacity Quantity]	4/1-10/31	1,035	4	NOT RATCHETED	4	11/1-3/31	sec. 7.3a	
INJ RULES: 1) Injections during withdrawal period may be requested WDL RULES: 1) Swing rate ability, subject to Sec. 18.1 of GT&C 2) Excess withdrawals may be requested, subject to excess delivery charge (rate sheet 27) 3) Withdrawals during Nov and Apr may be requested Seasonal Rules: 1) Cumulative delivery nominations during withdrawal period will not exceed beginning Gas Balance												

PIPELINE	PIPELINE RATE	SEASONAL CAPACITY (net)		INJECTION		INJECT SEASON	WITHDRAWAL			Contractual Number of Days	W/D SEASON	Tariff Reference
		Dth/D	MISC	Dth/D	Operational # of Days		RATCHETS (Based on Top Inventory)					
UGI STORAGE Co.	FSS	879,200	4,885 4,103	0-50% of Storage Cap Quantity 50-100% of Storage Cap Quantity - 84% of MDIO	YEAR ROUND	8,792 4,396	75 50	100% MDWQ if % if gas in storage is >25% 50% MDWQ if % if Inventory is < 25%	100	YEAR ROUND	sec 6.0.2.1 sec 9.2	

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Cost of Service
Delivered on January 28, 2022

SDR-COS-15

Request:

For the most recent annual period available, please identify the applicable monthly volumes and revenues under each rate schedule which were:

- a. Sold under a negotiated or market-based rate
- b. Transported under a negotiated or market based rate
- c. Transported at full margin transportation rates

Response:

Please see Attachment SDR-COS-15.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Sales and Revenues for Selected Rate Schedules

	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
a.												
Sales (Mcf)												
None	-	-	-	-	-	-	-	-	-	-	-	-
Revenue (\$)												
None	-	-	-	-	-	-	-	-	-	-	-	-
b.												
Sales (Mcf)												
Rate IS	1,252,959	1,276,615	1,418,559	1,387,376	1,232,337	1,259,630	1,156,622	1,072,136	990,706	999,831	958,785	1,024,126
Rate XD	15,933,792	13,826,279	17,276,341	16,497,667	15,360,567	14,955,007	12,958,666	13,597,570	15,864,268	18,027,536	18,141,314	14,322,345
Revenue (\$)												
Rate IS	\$ 2,146,511	\$ 2,063,269	\$ 2,449,219	\$ 2,395,487	\$ 2,279,203	\$ 2,126,287	\$ 1,771,160	\$ 1,519,711	\$ 1,443,843	\$ 1,535,340	\$ 1,647,415	\$ 1,461,138
Rate XD	\$ 2,739,106	\$ 2,723,767	\$ 3,112,792	\$ 2,883,624	\$ 2,978,879	\$ 2,738,746	\$ 2,734,835	\$ 2,777,692	\$ 2,760,145	\$ 3,124,404	\$ 2,535,362	\$ 2,861,127
c.												
Sales (Mcf)												
Rate RT	281,495	675,580	1,005,334	1,243,990	1,178,717	767,294	428,099	227,423	115,799	111,218	109,260	104,079
Rate NT	642,623	1,221,772	1,775,026	2,253,205	2,125,253	1,449,427	915,781	581,099	353,628	381,553	405,846	408,677
Rate DS	667,417	832,311	1,355,267	1,498,429	1,365,526	1,063,959	645,876	421,522	278,965	273,711	265,611	314,042
Rate LFD	1,684,588	1,874,066	2,340,569	2,574,085	2,410,610	2,252,672	1,863,697	1,636,038	1,469,480	1,407,873	1,483,329	1,519,181
Revenue (\$)												
Rate RT	\$ 2,375,752	\$ 4,071,574	\$ 5,437,286	\$ 6,698,616	\$ 6,383,281	\$ 4,719,373	\$ 3,075,632	\$ 2,271,429	\$ 1,662,901	\$ 1,681,698	\$ 1,752,760	\$ 1,618,290
Rate NT	\$ 2,736,694	\$ 4,643,249	\$ 6,632,418	\$ 8,335,751	\$ 7,914,184	\$ 5,625,170	\$ 3,695,517	\$ 2,539,060	\$ 1,690,623	\$ 1,839,782	\$ 1,969,472	\$ 1,919,418
Rate DS	\$ 3,998,861	\$ 4,022,313	\$ 5,543,434	\$ 5,987,939	\$ 5,669,748	\$ 4,731,745	\$ 3,606,900	\$ 2,894,515	\$ 2,525,490	\$ 2,609,316	\$ 2,498,154	\$ 2,661,930
Rate LFD	\$ 3,371,119	\$ 3,530,078	\$ 4,327,078	\$ 4,630,207	\$ 4,480,178	\$ 4,287,075	\$ 3,828,793	\$ 3,126,187	\$ 2,925,600	\$ 2,748,169	\$ 3,645,800	\$ 3,032,990

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SDR-COS-16

Request:

Please provide the following for each curtailment during the last three years:

- a. Dates of curtailment
- b. Type of curtailment (firm service, interruptible service, both)
- c. Whether curtailment was related to amount of capacity on the Company's system, other capacity or supply related
- d. Rate schedule that curtailed volumes would have been billed under
- e. Curtailed volumes by rate schedule
- f. Actual volumes moved by rate schedule

Response:

The Company has had no curtailments of firm service during the last three years.

Prepared by or under the supervision of: Christopher R. Brown

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SDR-COS-17

Request:

Please identify the Company's design day planning criteria and the probability of design day occurrence. Include any available documentation supporting the Company's claimed probability of occurrence.

Response:

Please see Book I, Section 11 of the 2021 1307(f) Purchased Gas Cost filing for UGI Gas at Docket No. R-2021-3025652 which can be found at <https://www.puc.pa.gov/pdocs/1702100.pdf>.

Prepared by or under the supervision of: Christopher R. Brown

UGI Utilities, Inc. - Gas Division
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SDR-COS-18

Request:

For each customer class contained in the cost of service study, please provide monthly throughput by class.

Response:

Please see Attachment SDR-COS-18.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Sales by Cost of Service Study Classification (Mcf's)

	OCT 2022	NOV 2022	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	TOTAL 2023
Service Classification:													
Rate R/RT	3,010,682	5,967,341	8,237,853	10,433,342	8,451,162	6,991,839	3,637,535	1,626,797	912,453	726,294	783,662	1,228,023	52,006,983
Rate N/NT	1,834,920	3,484,738	4,775,749	6,038,952	4,889,686	4,053,271	2,172,444	1,076,968	695,628	597,060	627,373	862,831	31,109,619
Rate DS	512,490	856,032	1,329,724	1,697,064	1,550,482	1,272,062	737,613	442,067	320,999	276,888	280,900	336,083	9,612,403
Rate LFD	1,825,652	2,157,211	2,472,502	2,745,207	2,453,300	2,262,269	1,900,119	1,689,885	1,536,918	1,485,599	1,526,832	1,583,829	23,639,324
Rate XD Firm	17,614,317	17,185,933	17,304,698	17,524,898	17,299,284	17,430,655	16,822,557	17,571,144	16,611,629	17,806,326	17,727,594	17,677,229	208,576,268
Rate Interruptible	1,222,541	1,340,461	1,460,678	1,572,531	1,479,968	1,453,605	1,338,735	1,186,047	1,102,552	1,101,082	1,086,738	1,107,042	15,451,980
Total	<u>26,020,603</u>	<u>30,991,717</u>	<u>35,581,204</u>	<u>40,011,994</u>	<u>36,123,881</u>	<u>33,463,701</u>	<u>26,609,003</u>	<u>23,592,907</u>	<u>21,180,180</u>	<u>21,993,250</u>	<u>22,033,100</u>	<u>22,795,036</u>	<u>340,396,577</u>

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SDR-COS-19

Request:

Please provide workpapers showing the development of each allocation factor reflected in the Company's cost of service study. Include a description of each allocation factor, all calculations performed to develop the allocators and all supporting documentation, studies or other information relied upon to determine the allocators.

Response:

Please refer to UGI Gas Exhibit D.

Prepared by or under the supervision of: Constance E. Heppenstall

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SDR-COS-20

Request:

Please provide all workpapers, calculations and supporting documentation for the functionalization and classification performed for the Company's cost of service study.

Response:

Please refer to UGI Gas Exhibit D.

Prepared by or under the supervision of: Constance E. Heppenstall

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SDR-COS-21

Request:

If not provided elsewhere, please provide a detailed proof of revenues at both present and proposed rates.

Response:

Please see UGI Gas Exhibit E - Proof of Revenue.

Prepared by or under the supervision of: Sherry A. Epler

SUPPLEMENTAL DATA REQUESTS – RATE OF RETURN

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SDR-ROR-1

Request:

Please supply copies of the following documents for the Company and, if applicable, its parent:

- a. Most recent Annual Report to shareholders (including any statistical supplements);
- b. Most recent SEC Form 10K,
- c. All SEC Form 10Q reports issued within last year.

Response:

- a. Please refer to the UGI Corporation website for the most recent UGI Corporation Annual Report to shareholders at the following link:
<https://www.ugicorp.com/investors/financial-reports/annual-reports>.
- b. Please refer to the response to request II-A-3 for the UGI Corporation SEC Form 10-K.
- c. Please refer to the SEC website for copies of all SEC Form 10Q reports for UGI Corporation issued within the last year. These can be found at:

- Quarter ended December 31, 2020:

<https://www.sec.gov/ix?doc=/Archives/edgar/data/0000884614/000088461421000011/ugi-20201231.htm>

- Quarter ended March 31, 2021:

<https://www.sec.gov/ix?doc=/Archives/edgar/data/0000884614/000088461421000026/ugi-20210331.htm>

- Quarter ended June 30, 2021:

<https://www.sec.gov/ix?doc=/Archives/edgar/data/0000884614/000088461421000048/ugi-20210630.htm>

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SDR-ROR-2

Request:

Please supply copies of the Company's balance sheets for each month/quarter for the last two years.

Response:

Please see Attachment SDR-ROR-2.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Quarterly Balance Sheets
(\$ In Thousands)

Quarter End Date	Dec 31, 2019	Mar 31, 2020	Jun 30, 2020	Sep 30, 2020	Dec 31, 2020	Mar 31, 2021	Jun 30, 2021	Sep 30, 2021
Utility Plant	\$ 2,917,930	\$ 2,968,393	\$ 3,004,513	\$ 3,064,429	\$ 3,113,814	\$ 3,145,453	\$ 3,229,737	\$ 3,320,845
Other Investments	1,393	1,393	1,393	1,393	1,393	1,393	1,393	1,393
Cash and Cash Equivalents	7,531	754	4,097	4,634	9,025	5,873	1,419	1,033
Accounts Receivable	216,507	245,812	193,692	172,900	221,784	255,289	203,314	176,968
Other Receivables	75,986	36,132	10,926	11,781	57,224	29,625	4,077	5,501
Other Assets	710,481	684,346	694,249	701,944	704,765	685,809	689,980	673,593
Total Assets	<u>\$ 3,929,827</u>	<u>\$ 3,936,829</u>	<u>\$ 3,908,869</u>	<u>\$ 3,957,080</u>	<u>\$ 4,108,004</u>	<u>\$ 4,123,442</u>	<u>\$ 4,129,919</u>	<u>\$ 4,179,333</u>
Current and Accrued Liabilities	\$ 547,600	\$ 495,750	\$ 316,362	\$ 442,388	\$ 572,414	\$ 502,755	\$ 407,972	\$ 429,789
Other Non-current Liabilities	195,360	194,190	199,591	213,004	207,176	201,288	192,824	130,793
Long-term Debt	918,317	916,840	1,057,187	1,055,710	1,054,233	1,052,755	1,145,828	1,215,263
Other Deferred Liabilities	1,059,331	1,067,251	1,084,229	1,066,449	1,068,664	1,068,436	1,084,346	1,124,405
Total Liabilities	<u>2,720,607</u>	<u>2,674,030</u>	<u>2,657,369</u>	<u>2,777,551</u>	<u>2,902,487</u>	<u>2,825,234</u>	<u>2,830,970</u>	<u>2,900,251</u>
Equity	1,209,220	1,262,799	1,251,500	1,179,529	1,205,516	1,298,208	1,298,949	1,279,083
Total Liabilities and Equity	<u>\$ 3,929,827</u>	<u>\$ 3,936,829</u>	<u>\$ 3,908,869</u>	<u>\$ 3,957,080</u>	<u>\$ 4,108,004</u>	<u>\$ 4,123,442</u>	<u>\$ 4,129,919</u>	<u>\$ 4,179,333</u>

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SDR-ROR-3

Request:

Please provide the bond rating history for the Company and, if applicable, its parent from the major credit rating agencies for the last five years.

Response:

Please see Attachment SDR-ROR-3.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division Bond Rating History

	Fiscal Period End				
	2017	2018	2019	2020	2021
UGI Corporation					
Egan Jones					
Local Currency (LC) Senior Unsecured	BBB+	BBB+	BBB+	BB+	BBB-
Foreign Currency (FC) Senior Unsecured	BBB+	BBB+	BBB+	BB+	BBB-
Local Currency Commercial Paper	A1	A1	A1	A2	A1
Foreign Currency Commercial Paper	A1	A1	A1	A2	A1
	Fiscal Period End				
	2017	2018	2019	2020	2021
UGI Utilities, Inc.					
Fitch					
LT Issuer Default Rating	A-	A-	A-	A-	A-
Senior Unsecured Debt	A	A	A	A	A
*S&P					
LT Local Issuer Credit					
LT Foreign Issuer Credit					
Moody's					
Senior Unsecured Debt	A2	A2	A2	A2	A2
Long Term Rating	A2	A2	A2	A2	A2

***S&P Does not publish a rating on UGI Utilities, Inc Debt**

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SDR-ROR-4

Request:

Please provide copies of all bond rating reports relating to the Company and, if applicable, its parent for the past two years.

Response:

Please see the following attachments for the bond rating reports for UGI Utilities, Inc. located on the USB flash drive:

Attachment SDR-ROR-4.1 for Fitch Credit Opinion dated March 8, 2021

Attachment SDR-ROR-4.2 for Fitch Credit Opinion dated March 9, 2020

Attachment SDR-ROR-4.3 for Moody's announcement of periodic review dated September 20, 2021

Attachment SDR-ROR-4.4 for Moody's rating action dated November 16, 2021

Attachment SDR-ROR-4.5 for Moody's announcement of periodic review dated October 7, 2020

The Moody's Credit Opinions dated November 29, 2021 and November 24, 2020 are confidential and will be provided to those parties who execute the appropriate Protective Order.

Prepared by or under the supervision of: Vivian K. Ressler

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SDR-ROR-5

Request:

Please provide a work paper showing the derivation of the Company's current AFUDC rate.

Response:

Please see the response to II-A-11.

Prepared by or under the supervision of: Vivian K. Ressler

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SDR-ROR-6

Request:

Please supply copies of all presentations by the Company's and, if applicable, its parent's management to securities analysts during the past 2 years. This would include presentations of financial projections.

Response:

Copies of securities analysts presentations for 2020 and 2021 can be found at <https://www.ugicorp.com/investors/financial-reports/events-and-presentations>.

Prepared by or under the supervision of: Vivian K. Ressler

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SDR-ROR-7

Request:

Please provide a listing of all securities issuances for the Company and, if applicable, its parent projected for the next two years. The response should identify for each projected issuance the date, dollar amount, type of security, and effective cost rate.

Response:

UGI Utilities does not have publicly traded stock. UGI Corp ("the Company"), the parent company of UGI Utilities, does have publicly traded stock.

On May 25, 2021, the Company issued 2.2 million Equity Units with a total notional value of \$220 million. Each Equity Unit has a stated amount of \$100 and consists of (i) a 10% undivided beneficial ownership interest in one share of Convertible Preferred Stock with a liquidation preference of \$1,000 per share and (ii) a 2024 Purchase Contract. The Company received approximately \$213 million of proceeds from the issuance of the Equity Units, net of offering expenses and underwriting costs and commissions, and issued 220,000 shares of Convertible Preferred Stock, recording \$213 million in "Preferred stock" on UGI Corporation's Consolidated Balance Sheet. The proceeds were used to pay a portion of the purchase price for the Mountaineer Acquisition and related fees and expenses, and for general corporate purposes.

Please see the Direct Testimony of Paul R. Moul, UGI Gas Statement No. 6, for discussion of expected debt issuances for UGI Utilities.

Prepared by or under the supervision of: Tracy A. Hazenstab

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SDR-ROR-8

Request:

Please identify all of the Company's and, if applicable, its parent's publicly underwritten common stock issuances written in the last five years. Identify which such issuances were related to mergers or acquisitions, and which were undertaken to fund facility investments in utility plant and equipment.

Response:

The Company has not issued stock in the last five years.

The Parent has not issued any stock to fund facility investments in utility plant and equipment in the last five years. The Parent has issued stock related to the below transaction which was considered a merger. The below is an excerpt from the UGI Corporation ("UGI") 10-K filed 11/26/2019. The Common Units discussed in this excerpt represent AmeriGas partnership units.

"On August 21, 2019, the AmeriGas Merger was completed in accordance with the terms of the Merger Agreement entered into on April 1, 2019. Under the terms of the Merger Agreement, the Partnership was merged with and into Merger Sub, with the Partnership surviving as an indirect wholly owned subsidiary of UGI. Each outstanding Common Unit other than the Common Units owned by UGI was automatically converted at the effective time of the AmeriGas Merger into the right to receive, at the election of each holder of such Common Units, one of the following forms of merger consideration (subject to proration designed to ensure the number of shares of UGI Common Stock issued would equal approximately 34.6 million):

- (i) 0.6378 shares of UGI Common Stock (the "Share Multiplier");
- (ii) \$7.63 in cash, without interest, and 0.500 shares of UGI Common Stock;
or
- (iii) \$35.325 in cash, without interest.

Pursuant to the terms of the Merger Agreement, effective on August 21, 2019, we issued 34,612,847 shares of UGI Common Stock and paid \$528.9 million in cash to the holders of Common Units other than UGI, for a total implied consideration of \$2,227.7 million. In addition, the incentive distribution rights in the Partnership previously owned by the

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SDR-ROR-8 (Continued)

General Partner were canceled. After-tax transaction costs directly attributable to the transaction that were incurred by UGI totaling \$7.7 million were recorded as a reduction to UGI stockholders' equity. Transaction costs incurred by the Partnership totaling \$6.3 million are reflected in "Operating and administrative expenses" on the 2019 Consolidated Statement of Income. The tax effects of the AmeriGas Merger resulting from the step-up in tax bases of the underlying assets resulted in the recording of a deferred tax asset in the amount of \$512.3 million. This deferred tax asset is included in "Deferred income taxes" on the September 30, 2019 Consolidated Balance Sheet.

Effective upon completion of the AmeriGas Merger, Common Units are no longer publicly traded."

On May 25, 2021, the Company's parent issued 2.2 million Equity Units with a total notional value of \$220 million. The Equity Units are equity-linked securities and not common stock. Therefore, the Company has determined not to include the Equity Units in the answer to this request.

Prepared by or under the supervision of: Vivian K. Ressler

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SDR-ROR-9

Request:

Please identify any plan by the Company to refinance high cost long-term debt or preferred stock.

Response:

Please see the Direct Testimony of Paul R. Moul, UGI Gas Statement No. 6, for discussion of expected long-term debt issuances from UGI Utilities.

Prepared by or under the supervision of: Tracy A. Hazenstab

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SDR-ROR-10

Request:

Please provide copies of all securities analysts' reports relating to the Company and/or its parent issued within the past 2 years.

Response:

Please see the following Janney analyst reports on UGI Corporation issued in 2020 and 2021. The attachments are located on the USB flash drive:

- Attachment SDR-ROR-10.1 – Janney report dated December 8, 2020
- Attachment SDR-ROR-10.2 – Janney report dated June 30, 2020
- Attachment SDR-ROR-10.3 – Janney report dated January 25, 2021
- Attachment SDR-ROR-10.4 – Janney report dated February 4, 2021
- Attachment SDR-ROR-10.5 – Janney report dated May 7, 2020
- Attachment SDR-ROR-10.6 – Janney report dated November 19, 2020
- Attachment SDR-ROR-10.7 – Janney report dated January 5, 2021
- Attachment SDR-ROR-10.8 – Janney report dated June 22, 2021
- Attachment SDR-ROR-10.9 – Janney report dated May 7, 2021
- Attachment SDR-ROR-10.10 – Janney report dated October 13, 2021
- Attachment SDR-ROR-10.11 – Janney report dated November 19, 2021
- Attachment SDR-ROR-10.12 – Janney report dated December 3, 2021

All other securities analysts' reports relating to the Company and/or its parent issued in the last two years are confidential and will be provided to those parties who execute the appropriate Protective Order.

Prepared by or under the supervision of: Vivian K. Ressler

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SDR-ROR-11

Request:

If applicable, please supply a listing of all common equity infusions from the parent to the Company over the past five years. In each case, identify date and dollar amount.

Response:

There have been no common equity infusions from UGI Corporation to UGI Utilities, Inc. over the past five years.

Prepared by or under the supervision of: Vivian K. Ressler

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SDR-ROR-12

Request:

If applicable, please identify the Company's common dividend payments to its parent for each of the last five years.

Response:

The following schedule represents common dividend payments from UGI Utilities, Inc. to UGI Corporation for each of the last five fiscal years:

	(000's)
2017	\$57,700
2018	\$50,000
2019	\$20,000
2020	\$50,000
2021	\$35,000

Prepared by or under the supervision of: Vivian K. Ressler

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SDR-ROR-13

Request:

Please provide the latest year-by-year financial projections for the Company for the next five years. Also, please indicate the date these projections were prepared; whether approved by management; and whether the projections have been submitted to bond rating agencies.

(Information should be treated in a confidential manner.)

Response:

UGI Gas prepares an annual Budget and three-year Plan. The Budget and Plan were approved in September 2021. These projections will be included in consolidated UGI Utilities, Inc. financial projections to be presented to bond rating agencies.

Please refer to the response to II-A-13 for a schedule of financial projections for Fiscal Years 2022 and 2023.

The projections for Fiscal Years 2024 and 2025 are confidential and will be made available to parties upon request and the entry of an acceptable Protective Order.

Prepared by or under the supervision of: Tracy A. Hazenstab

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SDR-ROR-14

Request:

Please provide the Company's five-year construction budget.

Response:

The Company prepares a budget for the upcoming fiscal year and a plan for the three future years. The actual capital spending for the Fiscal Years ended September 30, 2020 and September 30, 2021 as well as the projected capital spending for the Fiscal Years ending September 30, 2022 and September 30, 2023 are provided on Attachment SDR-ROR-14.

The projection for Fiscal Year 2024 is confidential and will be made available to parties upon request and upon the entry of an acceptable Protective Order.

Prepared by or under the supervision of: Vicky A. Schappell

UGI Utilities, Inc. - Gas Division
Capital Spending by Budget Group
For the Years Ending September 30, 2020 through September 30, 2023

Group	FY2020	FY2021	FY2022	FY2023
01O - Misc-Plant Equipment	\$ 2,187,210	\$ 233,928	\$ 178,275	\$ -
01R - Remediation	(135,741)	810	-	-
02O - Building/Building Improvements/Land acquisition	19,288,312	23,623,600	16,356,064	18,263,553
03O - Furniture and Office Equipment	809,286	312,905	350,000	350,000
04O - Fleet Capital and Related Equipment	8,561,236	8,752,110	9,267,709	9,394,275
07O - Operations Tool Blanket	3,274,132	5,580,080	3,409,968	3,366,726
09O - Regulator Station Enhancements/Replacements	17,869,235	21,147,677	33,449,438	34,221,057
11O - Corrosion Related Projects	4,451,602	3,656,295	5,236,953	4,786,833
12O - Distribution System Reliability Projects	15,207,706	15,054,009	28,116,842	17,380,133
13O - Gas Supply Projects	684,950	5,898,695	-	-
14S - IS Information Services	24,518,630	19,206,574	66,915,286	66,066,578
40G - New Business-Mains	16,057,369	29,994,292	17,789,673	15,450,179
40G1 - New Business-Mains GET Gas	11,728,053	8,882,793	10,261,897	7,822,140
41M - Main Replacement- Leaks	(3,354,969)	5,674,458	3,058,834	1,565,154
43M - Main Replacement- Relocation	13,821,223	14,465,292	17,544,777	15,767,476
44M - Main Replacement- Bare Steel	25,700,251	30,919,593	58,153,354	81,073,441
45M - Main Replacement- Cast Iron	69,148,648	83,552,901	88,741,947	101,373,365
49R - Cost of Removal-Mains	212,973	1,068,845	641,345	178,275
50G - New Business-Services	30,741,673	32,902,428	34,552,473	35,004,145
51G - New Business-Meters	3,376,277	3,180,600	3,812,157	3,658,779
51M - Replacement Meters/ERTs	8,566,837	4,528,064	5,643,684	5,114,803
51R - Cost of Removal-Meters	(68,699)	(54,540)	-	-
52G - New Business-Meter Installation	3,820,384	4,947,678	1,912,020	1,969,380
52M - Blanket Meter Installations	3,111,351	3,783,537	5,121,474	4,517,456
52R - Cost of Removal-Regulators	21,877	18,903	-	-
53M - Regulator Equipment	-	28,577	66,000	66,000
53M1 - Mercury Regulator Removal	295,709	64,126	300,000	300,000
54G - New Business-House Reg Install	(101,074)	-	-	-
54M - Maintenance-House Reg Install	343,785	25,699	250,000	250,000
55M - Meter Set Rebuild- Customer Specific	63,341	-	-	-
56R - Cost of Removal-Other	(322,386)	(247,318)	51,385	51,385
57G - New Business-Services GET Gas	680,920	614,137	1,646,527	1,695,918
58M - Replacement services not associated with main	42,712,524	41,321,596	35,816,092	36,300,723
59R - Cost of Removal-Services	4,919,930	4,339,576	3,851,862	3,851,862
60M - GA Transmission Replacement	(480,681)	11,675	-	-
93U - GA Undistributed Overhead-Growth	1,858,364	-	-	-
94U - GA Undistributed Overhead-Information Services	122,833	-	-	-
95U - GA Undistributed Overhead-Other	76,993	-	-	-
96U - GA Undistributed Overhead-Removal	67,631	-	-	-
97U - GA Undistributed Overhead-Replacement and Betterment	5,193,344	-	-	-
99U - GA Undistributed Overhead-Maintenance	1,009,259	(1,022,060)	-	-
94G - New Business-M & R Station Equipment	272,036	1,598,327	-	-
Total	\$ 336,312,334	\$ 374,065,859	\$ 452,496,038	\$ 469,839,637

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
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SDR-ROR-15

Request:

Please identify the Company's and, if applicable, its parent's capital structure targets (percentages of capital types). Provide the complete basis for the capital structure targets.

Response:

Please see the Direct Testimony of Paul R. Moul, UGI Gas Statement No. 6, and UGI Gas Exhibit B for capital structure targets.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Rate of Return
Delivered on January 28, 2022

SDR-ROR-16

Request:

For each month, of the most recent 24 months, please supply the Company's

- a. short-term debt balance;
- b. short-term debt interest rate;
- c. balance of construction work in progress; and
- d. balance of construction work in progress which is eligible for AFUDC accrual.

Response:

Please refer to Attachment SDR-ROR-16 for the requested information.

Prepared by or under the supervision of: Vivian K. Ressler

UGI UTILITIES, INC. - GAS DIVISION
SHORT TERM DEBT BALANCE AND CWIP BALANCE
FOR THE PERIOD OF OCTOBER 2019 THROUGH SEPTEMBER 2021

Year	Month	Short Term Debt Balance (000's)	Short Term Debt Interest Rate	Construction Work in Progress Balance (000's)	CWIP Eligible for AFUDC Balance (000's)
2019	October	\$ 187,209	2.8637%	\$ 79,720	\$ 54,800
2019	November	\$ 224,556	2.6368%	\$ 86,452	\$ 59,427
2019	December	\$ 263,795	2.6237%	\$ 86,166	\$ 59,231
2020	January	\$ 249,139	2.5929%	\$ 84,839	\$ 58,318
2020	February	\$ 222,193	2.5268%	\$ 85,326	\$ 58,653
2020	March	\$ 211,792	2.0136%	\$ 103,111	\$ 70,879
2020	April	\$ 179,645	1.8132%	\$ 93,665	\$ 64,385
2020	May	\$ 127,643	1.1922%	\$ 102,144	\$ 70,214
2020	June	\$ 37,820	1.0606%	\$ 126,053	\$ 86,649
2020	July	\$ 53,894	1.1505%	\$ 124,075	\$ 85,289
2020	August	\$ 84,150	1.0993%	\$ 105,240	\$ 72,342
2020	September	\$ 133,316	1.0360%	\$ 90,514	\$ 62,219
2020	October	\$ 160,735	1.0880%	\$ 76,272	\$ 52,429
2020	November	\$ 241,103	1.0850%	\$ 76,530	\$ 52,607
2020	December	\$ 251,503	1.0379%	\$ 75,541	\$ 51,927
2021	January	\$ 254,340	1.0132%	\$ 82,351	\$ 56,608
2021	February	\$ 222,193	0.9978%	\$ 87,280	\$ 59,996
2021	March	\$ 182,482	0.9871%	\$ 95,485	\$ 65,636
2021	April	\$ 164,517	0.9895%	\$ 96,702	\$ 66,473
2021	May	\$ 167,354	0.9880%	\$ 94,220	\$ 64,767
2021	June	\$ 94,550	0.9907%	\$ 108,679	\$ 74,706
2021	July	\$ 120,079	0.9755%	\$ 83,707	\$ 57,540
2021	August	\$ 147,498	0.9667%	\$ 101,937	\$ 70,071
2021	September	\$ 122,915	0.9860%	\$ 70,851	\$ 48,703

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
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SDR-ROR-17

Request:

If applicable, please provide the currently authorized returns on equity for each of the parent's utility subsidiaries of the same industry type as the Company. In each case identify the approximate date when the current return on equity was approved by the state commission.

Response:

UGI Utilities, Inc. – Gas Division's most recent base rate case filing was approved by the Pennsylvania Public Utility Commission on October 8, 2020, with no definitive return on equity. Mountaineer Gas Company's most recent base rate case was approved by the West Virginia Public Service Commission on December 26, 2019, with a 9.75% return on equity.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Rate of Return
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SDR-ROR-18

Request:

Has the Utility reacquired or repurchased any debt within the last five years? If so, provide a summary of each gain or loss on reacquired debt, the date on which the utility commenced amortization of such a gain or loss, the regulatory commission decision addressing the treatment of such gain or loss on reacquired debt, if any, on interest expense.

Response:

UGI Gas has not reacquired or repurchased any debt within the last five years.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Rate of Return
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SDR-ROR-19

Request:

Fully identify all debt (other than instruments traded in public markets) owed to all shareholders, corporate officers, or members of the board of directors, its affiliates, parent company, or subsidiaries.

Response:

UGI Gas does not owe any debt to shareholders, corporate officers, or members of the board of directors, its affiliates, parent company, or subsidiaries.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Rate of Return
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SDR-ROR-20

Request:

Provide a summary statement of all stock dividends, splits, or par value changes during the two (2) year calendar period preceding the rate case filing.

Response:

UGI Utilities, Inc. does not have publicly traded common stock and has not issued stock as a dividend to UGI Corporation, its 100% common equity owner. There were no stock splits or par value changes in the previous two calendar years.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Rate of Return
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SDR-ROR-21

Request:

If a claim of the filing utility is based on utilization of the capital structure or capital costs of the parent company and system--consolidated, the reasons for this claim must be fully stated and supported.

Response:

UGI Utilities, Inc. - Gas Division is not basing its filing on the parent company or system - consolidated capital structures or capital costs.

Prepared by or under the supervision of: Paul R. Moul

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Rate of Return
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SDR-ROR-22

Request:

To the extent not provided in SDR III-A.13, supply projected capital requirements and sources of the filing utility, its parent and system--consolidated--for the test year and each of three (3) comparable future years.

Response:

Please refer to Attachment II-A-5 which discloses projected capital expenditures for Fiscal Years ending September 30, 2022, and September 30, 2023.

The projection for Fiscal Year 2024 is confidential and will be made available to parties upon request and the entry of an acceptable Protective Order.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Rate of Return
Delivered on January 28, 2022

SDR-ROR-23

Request:

To the extent not provided elsewhere, supply financial data of Company and/or parent for the last five (5) years.

- a. Times interest earned ratio — pre and post tax basis.
- b. Preferred stock dividend coverage ratio — post tax basis.
- c. Times fixed charges earned ratio — pre tax basis.
- d. Dividend payout ratio.
- e. AFUDC as a percent of earnings available for common equity.
- f. Construction work in progress as a percent of net utility plant.
- g. Effective income tax rate.
- h. Internal cash generations as a percent of total capital requirements.

Response:

Please refer to Attachment SDR-ROR-23 for the requested information.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Select Financial Data for UGI Utilities, Inc. - Consolidated
For the Year Ended September 30,

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
a. Times Interest Earned Ratio - pre tax	5.68	5.54	4.55	4.20	4.42
Times Interest Earned Ratio - post tax	3.89	4.47	3.68	3.50	3.64
b. Preferred Stock Dividend Coverage ratio	N/A	N/A	N/A	N/A	N/A
c. Times Fixed Charges Earned Ratio	5.22	5.08	4.17	4.06	4.32
d. Dividend Payout Ratio	50%	34%	15%	37%	24%
e. AFUDC as a % of Net Utility Plant	0.083%	0.118%	0.144%	0.038%	0.013%
f. CWIP as a % of Net Utility Plant	4.95%	5.15%	2.73%	3.25%	2.46%
g. Effective Income Tax rate	38.31%	23.49%	24.38%	22.12%	22.83%
h. Internal Cash Generation as a % of Total Capital Requirements	76.6%	80.7%	69.6%	69.5%	76.5%

SUPPLEMENTAL DATA REQUESTS – REVENUE REQUIREMENTS

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-1

Request:

Please provide a copy of the Company's detailed quarterly balance sheet and monthly income statements for the historic test year through the most recent month available.

Response:

Please see Attachment SDR-RR-1 for monthly income statements from October 2020 through November 2021. Please see Attachment SDR-ROR-2 for quarterly balance sheets.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
 Monthly Income Statements
 (in thousands)

Attachment SDR-RR-1
 V. K. Ressler
 Page 1 of 3

	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21
Revenues					
Gas Utility Revenues	\$ 48,952	\$ 80,964	\$ 113,437	\$ 136,800	\$ 129,894
Other Operating Revenues	5,072	9,972	12,361	23,600	19,044
Total Operating Revenue	54,025	90,936	125,798	160,400	148,938
Expenses					
Operating Expense	3,211	3,074	3,127	2,778	3,164
Maintenance Expense	2,818	1,499	2,179	1,178	1,951
Customer Accounts Operations Expense	2,195	2,460	2,915	4,253	4,638
Customer Service and Information Operations Expense	(99)	93	83	75	104
Operation Sales Expense	71	213	122	73	225
Admin and General Operation Expense	7,740	8,247	11,015	13,864	7,483
Depreciation and Amortization Expense	8,800	8,789	8,953	9,090	9,028
Other taxes	429	693	923	1,163	1,017
Storage, Transportation and Other	18,700	39,982	54,763	76,943	68,412
Interest Income	93	64	44	55	44
Miscellaneous Income/Expense	86	421	1,035	(222)	(119)
Long Term Debt Interest	4,135	4,146	4,155	4,127	4,120
Other Interest Expense	196	245	299	254	204
Total Expenses before Taxes	48,373	69,925	89,614	113,631	100,272
Income Before Taxes	5,651	21,011	36,184	46,769	48,666
Tax Expense	1,283	4,669	8,249	10,940	11,410
Net Income	\$ 4,369	\$ 16,342	\$ 27,935	\$ 35,828	\$ 37,256

UGI Utilities, Inc. - Gas Division
 Monthly Income Statements
 (in thousands)

Attachment SDR-RR-1
 V. K. Ressler
 Page 2 of 3

	Mar-21	Apr-21	May-21	Jun-21	Jul-21
Revenues					
Gas Utility Revenues	\$ 97,421	\$ 63,227	\$ 44,388	\$ 31,358	\$ 32,461
Other Operating Revenues	13,364	7,145	6,634	6,496	7,868
Total Operating Revenue	110,786	70,372	51,022	37,854	40,329
Expenses					
Operating Expense	4,243	3,139	3,447	3,727	3,082
Maintenance Expense	650	3,116	2,411	1,475	2,068
Customer Accounts Operations Expense	2,314	2,889	2,567	2,415	2,197
Customer Service and Information Operations Expense	148	90	92	86	75
Operation Sales Expense	(2)	148	148	167	146
Admin and General Operation Expense	9,899	9,334	8,561	7,961	8,903
Depreciation and Amortization Expense	9,052	9,080	9,248	9,175	9,218
Other taxes	1,028	883	746	(1,360)	1,016
Storage, Transportation and Other	47,774	26,681	17,657	12,181	14,319
Interest Income	68	97	105	45	40
Miscellaneous Income/Expense	(77)	(107)	(1)	(64)	133
Long Term Debt Interest	4,172	4,134	4,112	4,238	4,263
Other Interest Expense	208	221	(1,037)	200	301
Total Expenses before Taxes	79,479	59,707	48,057	40,245	45,759
Income Before Taxes	31,307	10,665	2,965	(2,391)	(5,430)
Tax Expense	6,482	2,390	646	(1,019)	(1,396)
Net Income	\$ 24,825	\$ 8,276	\$ 2,318	\$ (1,373)	\$ (4,034)

UGI Utilities, Inc. - Gas Division
 Monthly Income Statements
 (in thousands)

Attachment SDR-RR-1
 V. K. Ressler
 Page 3 of 3

	Aug-21	Sep-21	Oct-21	Nov-21
Revenues				
Gas Utility Revenues	\$ 33,566	\$ 32,027	\$ 44,784	\$ 105,636
Other Operating Revenues	7,028	8,508	9,684	16,940
Total Operating Revenue	<u>40,594</u>	<u>40,535</u>	<u>54,468</u>	<u>122,576</u>
Expenses				
Operating Expense	3,777	4,505	3,589	3,247
Maintenance Expense	2,758	341	2,278	2,506
Customer Accounts Operations Expense	3,011	2,810	2,172	2,880
Customer Service and Information Operations Expense	85	133	92	88
Operation Sales Expense	153	599	157	159
Admin and General Operation Expense	8,311	6,541	7,446	7,933
Depreciation and Amortization Expense	9,312	9,410	9,494	9,532
Other taxes	1,102	1,069	431	885
Storage, Transportation and Other	12,852	14,631	20,995	58,926
Interest Income	780	30	27	(88)
Miscellaneous Income/Expense	(90)	(154)	414	920
Long Term Debt Interest	4,284	4,319	4,351	4,383
Other Interest Expense	131	219	120	153
Total Expenses before Taxes	<u>46,466</u>	<u>44,454</u>	<u>51,567</u>	<u>91,523</u>
Income Before Taxes	(5,871)	(3,919)	2,901	31,053
Tax Expense	(1,077)	113	717	7,279
Net Income	<u>\$ (4,795)</u>	<u>\$ (4,032)</u>	<u>\$ 2,184</u>	<u>\$ 23,774</u>

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
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Responses to Standard Data Requests - Revenue Requirement
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SDR-RR-2

Request:

Please provide the actual number of customers by rate schedule as of December 31 for the last five years.

Response:

Please see Attachment SDR-RR-2.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Number of Customers Year End at December 31

<u>Customer Class</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Rate R-Residential Non-Heating	31,228	29,318	27,368	26,124	25,676
Rate GL-Residential Gas Lights	57	53	47	44	38
Rate R-Residential Heat	485,678	478,103	477,539	485,948	495,951
Rate N-Commercial Non-Heating	3,465	3,373	3,338	3,355	3,309
Rate GL-Commercial Gas Lights	13	13	13	13	13
Rate N-Commercial Heat	44,985	44,861	44,671	45,633	46,452
Rate N-Industrial Non-Heating	119	117	112	111	107
Rate N-Industrial Heat	609	580	562	562	571
Rate RS-Retail and Standby	1	1	1	1	1
Sub-Total Retail	566,155	556,419	553,651	561,791	572,118
Rate RT- Residential Transportation	54,214	70,542	80,651	81,593	81,866
Rate NT-Non-Residential Transportation	16,105	17,305	18,559	18,604	18,744
Rate DS-Delivery Service	1,524	1,539	1,505	1,478	1,378
Rate XD-Extended Large Volume Delivery Service	103	109	109	109	109
Rate LFD-Large Firm Delivery Service	456	466	491	517	579
Rate IS-Interruptible Service - Transportation	330	321	312	306	300
Sub-Total Transportation	72,732	90,282	101,627	102,607	102,976
Grand Total	638,887	646,701	655,278	664,398	675,094

UGI Utilities, Inc. - Gas Division
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UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
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SDR-RR-3

Request:

Please provide the average number of customers by rate schedule for the last five years.

Response:

Please see Attachment SDR-RR-3.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Yearly Average Number of Customers for Period Ending September 30

<u>Customer Class</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Rate R-Residential Non-Heating	30,406	28,087	26,576	25,645	24,929
Rate GL-Residential Gas Lights	56	51	45	43	38
Rate R-Residential Heat	483,578	475,189	478,486	486,630	497,429
Rate CIAC-Commercial and Industrial Air Conditioning	1	0	0	0	0
Rate N-Commercial Non-Heating	3,464	3,350	3,338	3,343	3,307
Rate GL-Commercial Gas Lights	13	13	13	13	13
Rate N-Commercial Heat	44,947	44,508	44,801	45,643	46,313
Rate N-Industrial Non-Heating	118	115	110	108	106
Rate N-Industrial Heat	604	575	561	563	588
Rate RS-Retail and Standby	1	1	1	1	1
Sub-Total Retail	563,188	551,889	553,931	561,989	572,724
Rate RT- Residential Transportation	55,499	73,142	79,605	82,538	80,074
Rate NT-Non-Residential Transportation	16,200	17,623	18,442	18,751	18,690
Rate DS-Delivery Service	1,524	1,505	1,497	1,425	1,374
Rate XD-Extended Large Volume Delivery Service	104	107	109	109	110
Rate LFD-Large Firm Delivery Service	457	472	495	546	581
Rate IS-Interruptible Service - Transportation	330	323	310	304	295
Sub-Total Transportation	74,114	93,172	100,458	103,673	101,124
Grand Total	637,302	645,061	654,389	665,662	673,848

UGI Utilities, Inc. - Gas Division
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SDR-RR-4

Request:

Please provide the actual number of customers by rate schedule at the end of each month from the commencement of the historic test year through the most recent month available and update as additional data become available.

Response:

Please see Attachment SDR-RR-4.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Number of Customers - Monthly

<u>Customer Class</u>	<u>Oct-20</u>	<u>Nov-20</u>	<u>Dec-20</u>	<u>Jan-21</u>	<u>Feb-21</u>	<u>Mar-21</u>	<u>Apr-21</u>	<u>May-21</u>	<u>Jun-21</u>	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>
Rate R-Residential Non-Heating	25,497	25,599	25,676	25,333	24,977	24,617	24,657	24,632	24,573	24,541	24,529	24,512
Rate GL-Residential Gas Lights	41	40	38	38	38	38	38	38	38	37	38	37
Rate R-Residential Heat	493,062	494,814	495,951	496,647	498,164	499,601	500,047	498,835	497,576	497,578	497,926	498,946
Rate N-Commercial Non-Heating	3,317	3,312	3,309	3,307	3,308	3,305	3,309	3,310	3,305	3,295	3,306	3,303
Rate GL-Commercial Gas Lights	13	13	13	13	13	13	13	13	13	13	13	13
Rate N-Commercial Heat	46,107	46,287	46,452	46,480	46,519	46,527	46,489	46,459	46,324	46,149	46,013	45,954
Rate N-Industrial Non-Heating	107	108	107	107	105	105	104	103	104	105	107	106
Rate N-Industrial Heat	572	570	571	587	588	599	596	595	588	591	593	601
Rate RS-Retail and Standby	1	1	1	1	1	1	1	1	1	1	1	1
Sub-Total Retail	568,717	570,744	572,118	572,513	573,713	574,806	575,254	573,986	572,522	572,310	572,526	573,473
Rate RT- Residential Transportation	81,214	81,557	81,866	82,509	81,929	81,220	80,279	79,465	78,471	77,889	77,344	77,145
Rate NT-Non-Residential Transportation	18,755	18,766	18,744	18,751	18,744	18,656	18,617	18,586	18,629	18,667	18,669	18,690
Rate DS-Delivery Service	1,385	1,371	1,378	1,375	1,379	1,371	1,372	1,372	1,371	1,371	1,374	1,367
Rate XD-Extended Large Volume Delivery Service	109	109	109	107	109	111	109	109	111	111	109	111
Rate LFD-Large Firm Delivery Service	572	576	579	581	578	577	581	583	584	585	587	589
Rate IS-Interruptible Service - Transportation	302	301	300	298	295	297	293	293	292	289	288	287
Sub-Total Transportation	102,337	102,680	102,976	103,621	103,034	102,232	101,251	100,408	99,458	98,912	98,371	98,189
Grand Total	671,054	673,424	675,094	676,134	676,747	677,038	676,505	674,394	671,980	671,222	670,897	671,662

UGI Utilities, Inc. - Gas Division
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SDR-RR-5

Request:

If past weather normalized sales or sales trends are used in models or otherwise relied on in reaching sales projections, please provide actual and normalized throughput by rate schedule as of December 31 for the last three years. Where applicable, separately identify sales and transportation throughput.

Response:

Please see the Direct Testimony of Sherry A. Epler, UGI Gas Statement No. 8, as well as the responses to SDR-RR-9, SDR-RR-10, and SDR-RR-11 for a description of the UGI Gas model used for forecasting sales for the Residential Heating ("RH") and Commercial Heating ("CH") rate groups, including supporting data.

Use per customer values for rate classes and class subgroups were established pursuant to the following:

The projected RH use per customer was established on a combined Rate R/RT - Heating total basis per the UGI Gas model detailed in Attachment SDR-RR-11(a). Weather normalized sales for Rate RT - Heating customers were then utilized to derive the separate Rate RT - Heating and Rate R - Heating use per customer values from the combined Rate R/RT - Heating value. Please see Attachment SDR-RR-5(a) for the actual and normalized sales utilized for Rate RT - Heating. Please see UGI Gas Exhibit SAE-7(a) for the derivation of the Rate R - Heating use per customer value.

Actual sales were normalized for combined Residential Non-Heating – Rate R and Rate RT in order to project combined use per customer in total. Please see Attachment SDR-RR-5(b) for the actual and normalized sales utilized for the combined Rate R/RT-Non-Heating value. Weather normalized sales for Non-Heating Rate RT were then utilized to derive the separate Rate RT and Rate R – Non-Heating customer values from the combined Rate R/RT – Non-Heating value. Please see Attachment SDR-RR-5(c) for the actual and normalized sales utilized for Rate RT- Non-Heating. Please see UGI Gas Exhibit SAE-7(a) for the derivation of the Rate R – Non-Heating use per customer value.

Please see UGI Gas Exhibit SAE-7(a) for the derivation of the total Rate RT (Heating and Non-Heating) use per customer value.

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The projected CH use per customer was established on a combined Rate N/NT/DS - Heating total basis per the UGI Gas model detailed in Attachment SDR-RR-11(b). Weather normalized sales for Rate NT – Commercial Heating customers and budgeted sales for Rate DS – Commercial Heating were then utilized to derive the separate Rate NT – Commercial Heating, Rate N – Commercial Heating and Rate DS – Commercial Heating use per customer values from the combined Rate N/NT/DS – Commercial Heating value. Please see Attachment SDR-RR-5(d) for the actual and normalized sales utilized for Rate NT – Commercial Heating and Attachment SDR-RR-5(e) for the budget sales for Rate DS – Commercial Heating. Please see UGI Gas Exhibit SAE-7(a) for the derivation of the Rate N – Commercial Heating use per customer value.

Actual sales were normalized for combined Rate N – Commercial Non-Heating, Rate NT - Commercial Non-Heating and Rate DS – Commercial Non-Heating in order to project combined Rate N/NT/DS – Commercial Non-Heating use per customer in total. Please see Attachment SDR-RR-5(f) for the actual and normalized sales utilized for the combined Rate Commercial N/NT/DS-Non-Heating value. Weather normalized sales for Rate NT – Commercial Non-Heating and budgeted sales for Rate DS – Commercial Non-Heating were then utilized to derive the separate Rate NT – Commercial Non-Heating, Rate N – Commercial Non-Heating and Rate DS – Commercial Non-Heating use per customer values from the combined Rate N/NT/DS – Commercial Non-Heating value. Please see Attachment SDR-RR-5(g) for the actual and normalized sales utilized for Rate NT – Commercial Non-Heating and Attachment SDR-RR-5(h) for the budget sales for Rate DS - Commercial Non-Heating. Please see UGI Gas Exhibit SAE-7(a) for the derivation of the Rate N – Commercial Non-Heating use per customer value.

Please see UGI Gas Exhibit SAE-7(a) for the derivation of the total Rate NT (Heating and Non-Heating) use per customer value.

Actual sales were normalized for combined Rate N – Industrial, Rate NT - Industrial and Rate DS – Industrial in order to project combined Rate N/NT/DS – Industrial use per customer in total. Please see Attachment SDR-RR-5(i) for the actual and normalized sales utilized for the combined Rate N/NT/DS - Industrial value. Weather normalized sales for Rate NT – Industrial and budgeted sales for Rate DS – Industrial were then utilized to derive the separate Rate NT – Industrial, Rate N – Industrial and Rate DS – Industrial use per customer values from the combined Rate N/NT/DS – Industrial value. Please see Attachment SDR-RR-5(j) for the actual and normalized sales utilized for Rate NT – Industrial and Attachment SDR-RR-5(k) for the budget sales for Rate DS - Industrial. Please see UGI Gas Exhibit SAE-7(a) For the derivation of the Rate N – Industrial use per customer value.

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Please see UGI Gas Exhibit SAE-7(a) for the derivation of the total Rate DS (Heating and Non-Heating) use per customer value.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Residential Heating - Rate RT

	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8] = ([7] - [5]) * [6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Oct-03	3,242	21,886	4,584	17,302	455	37.9910	350	(4,005)	17,880	6.75	5.52	
Nov-03	3,208	25,262	4,584	20,678	574	36.0283	672	3,533	28,794	7.87	8.98	
Dec-03	2,854	42,668	4,584	38,084	999	38.1109	952	(1,803)	40,865	14.95	14.32	
Jan-04	2,795	56,316	4,584	51,732	1,357	38.1223	1,120	(9,035)	47,280	20.15	16.92	
Feb-04	2,818	44,506	4,584	39,922	983	40.5972	962	(868)	43,638	15.79	15.49	
Mar-04	2,711	33,249	4,584	28,665	736	38.9677	805	2,704	35,953	12.26	13.26	
Apr-04	2,680	19,041	4,584	14,457	438	33.0030	414	(794)	18,247	7.10	6.81	
May-04	2,666	6,880	4,584	2,297	97	23.6091	164	1,575	8,455	2.58	3.17	
Jun-04	2,651	4,835	4,584	251	52	4.8398	30	(106)	4,729	1.82	1.78	
Jul-04	2,640	4,529	4,529	0	1	0.0000	0	0	4,529	1.72	1.72	
Aug-04	2,624	4,638	4,638	0	21	0.0000	16	0	4,638	1.77	1.77	
Sep-04	2,615	5,662	4,584	1,078	59	18.2817	83	439	6,101	2.17	2.33	92.05
Oct-04	2,719	16,694	4,584	12,111	416	29.1026	350	(1,925)	14,769	6.14	5.43	91.97
Nov-04	2,749	22,851	4,584	18,267	627	29.1419	672	1,316	24,167	8.31	8.79	91.78
Dec-04	2,686	36,205	4,584	31,621	1,005	31.4613	952	(1,670)	34,535	13.48	12.86	90.32
Jan-05	2,661	44,972	4,584	40,388	1,217	33.1845	1,120	(3,221)	41,750	16.90	15.69	89.10
Feb-05	2,641	36,646	4,584	32,062	939	34.1515	962	791	37,437	13.88	14.18	87.79
Mar-05	2,632	35,943	4,584	31,359	942	33.2864	805	(4,564)	31,379	13.66	11.92	86.45
Apr-05	2,620	17,062	4,584	12,478	377	33.1088	414	1,229	18,291	6.51	6.98	86.62
May-05	2,603	11,244	4,584	6,660	268	24.8482	164	(2,585)	8,659	4.32	3.33	86.77
Jun-05	2,613	3,503	3,503	0	16	0.0000	30	0	3,503	1.34	1.34	86.33
Jul-05	2,596	3,713	3,713	0	0	0.0000	0	0	3,713	1.43	1.43	86.05
Aug-05	2,581	4,116	4,116	0	1	0.0000	16	0	4,116	1.59	1.59	85.87
Sep-05	2,559	4,512	3,914	597	35	17.1506	83	826	5,338	1.76	2.09	85.63
Oct-05	2,544	12,749	3,914	8,834	351	25.1601	350	(28)	12,720	5.01	5.00	85.19
Nov-05	2,523	19,963	3,914	16,048	600	26.7670	672	1,939	21,902	7.91	8.68	85.08
Dec-05	2,457	36,407	3,914	32,493	1,121	28.9853	952	(4,899)	31,508	14.82	12.82	85.05
Jan-06	2,363	29,334	3,914	25,420	890	28.5477	1,120	6,553	35,888	12.41	15.19	84.55
Feb-06	2,267	30,811	3,914	26,896	945	28.4599	962	482	31,293	13.59	13.80	84.18
Mar-06	2,244	24,292	3,914	20,378	775	26.2996	805	793	25,086	10.83	11.18	83.43
Apr-06	2,502	13,782	3,914	9,868	390	25.3028	414	608	14,390	5.51	5.75	82.20
May-06	2,587	6,923	3,914	3,009	184	16.3248	164	(332)	6,592	2.68	2.55	81.43
Jun-06	2,608	3,124	3,124	0	44	0.0000	30	0	3,124	1.20	1.20	81.28
Jul-06	2,602	3,932	3,932	0	1	0.0000	0	0	3,932	1.51	1.51	81.36
Aug-06	2,585	4,072	4,072	0	5	0.0000	16	0	4,072	1.58	1.58	81.34
Sep-06	2,579	5,981	4,002	1,979	123	16.1168	83	(641)	5,340	2.32	2.07	81.33
Oct-06	2,548	14,277	4,002	10,275	428	24.0320	350	(1,864)	12,413	5.60	4.87	81.20
Nov-06	2,507	17,192	4,002	13,189	552	23.8801	672	2,858	20,050	6.86	8.00	80.52
Dec-06	2,464	26,384	4,002	22,382	813	27.5219	952	3,819	30,203	10.71	12.26	79.95
Jan-07	2,438	31,729	4,002	27,726	997	27.8099	1,120	3,421	35,149	13.01	14.42	79.18
Feb-07	2,392	38,708	4,002	34,706	1,178	29.4705	962	(6,355)	32,353	16.18	13.53	78.90
Mar-07	2,351	29,239	4,002	25,237	824	30.6176	805	(590)	28,649	12.44	12.19	79.91
Apr-07	2,401	19,949	4,002	15,947	552	28.9066	414	(3,979)	15,969	8.31	6.65	80.81
May-07	2,386	6,783	4,002	2,780	142	19.5170	164	420	7,203	2.84	3.02	81.28
Jun-07	2,361	3,298	3,298	0	23	0.0000	30	0	3,298	1.40	1.40	81.48
Jul-07	2,344	3,551	3,551	0	13	0.0000	0	0	3,551	1.51	1.51	81.48
Aug-07	2,316	3,749	3,749	0	22	0.0000	16	0	3,749	1.62	1.62	81.53
Sep-07	2,278	4,459	3,650	809	72	11.2112	83	122	4,580	1.96	2.01	81.47
Oct-07	2,254	7,713	3,650	4,063	222	18.2851	350	2,337	10,049	3.42	4.46	81.05
Nov-07	2,227	20,397	3,650	16,748	739	22.6475	672	(1,528)	18,869	9.16	8.47	81.53
Dec-07	2,204	28,148	3,650	24,498	1,006	24.3486	952	(1,318)	26,830	12.77	12.17	81.44
Jan-08	2,151	31,126	3,650	27,476	1,051	26.1522	1,120	1,814	32,940	14.47	15.31	82.34
Feb-08	2,111	30,289	3,650	26,640	975	27.3266	962	(352)	29,938	14.35	14.18	83.00
Mar-08	2,070	23,719	3,650	20,069	819	24.5179	805	(332)	23,387	11.46	11.30	82.11
Apr-08	2,019	10,791	3,650	7,141	371	19.2520	414	829	11,620	5.34	5.76	81.21
May-08	1,980	6,720	3,650	3,071	275	11.1644	164	(1,240)	5,481	3.39	2.77	80.96

UGI Utilities, Inc. - Gas Division
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	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8] = ([7] - [5]) * [6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Jun-08	1,960	2,733	2,733	0	18	0.0000	30	0	2,733	1.39	1.39	80.96
Jul-08	1,947	2,967	2,967	0	0	0.0000	0	0	2,967	1.52	1.52	80.97
Aug-08	1,935	2,920	2,920	0	14	0.0000	16	0	2,920	1.51	1.51	80.86
Sep-08	1,916	3,942	2,943	998	80	12.4046	83	32	3,973	2.06	2.07	80.92
Oct-08	2,154	11,472	2,943	8,528	468	18.2281	350	(2,149)	9,323	5.33	4.33	80.79
Nov-08	2,802	22,206	2,943	19,262	721	26.6978	672	(1,321)	20,884	7.92	7.45	79.77
Dec-08	2,994	38,967	2,943	36,024	1,016	35.4415	952	(2,283)	36,684	13.02	12.25	79.85
Jan-09	3,137	54,249	2,943	51,305	1,292	39.6950	1,120	(6,847)	47,402	17.29	15.11	79.65
Feb-09	3,124	42,883	2,943	39,940	927	43.0875	962	1,510	44,394	13.73	14.21	79.68
Mar-09	3,096	33,892	2,943	30,948	774	39.9963	805	1,249	35,140	10.95	11.35	79.73
Apr-09	3,079	17,220	2,943	14,277	419	34.0585	414	(177)	17,044	5.59	5.54	79.51
May-09	3,488	8,458	2,943	5,515	179	30.7858	164	(466)	7,992	2.42	2.29	79.03
Jun-09	3,657	5,706	2,943	2,763	41	32.4221	30	(349)	5,358	1.56	1.47	79.10
Jul-09	3,819	6,251	6,251	0	15	0.0000	0	0	6,251	1.64	1.64	79.22
Aug-09	3,782	5,978	5,978	0	16	0.0000	16	0	5,978	1.58	1.58	79.29
Sep-09	3,767	8,105	6,114	1,991	118	16.8874	83	(590)	7,516	2.15	2.00	79.21
Oct-09	3,757	18,655	6,114	12,541	440	28.4957	350	(2,568)	16,088	4.97	4.28	79.16
Nov-09	5,372	31,143	6,114	25,029	571	43.8471	672	4,437	35,579	5.80	6.62	78.33
Dec-09	5,655	77,540	6,114	71,426	1,055	67.6854	952	(6,989)	70,551	13.71	12.48	78.56
Jan-10	5,953	101,671	6,114	95,557	1,157	82.5878	1,120	(3,058)	98,612	17.08	16.57	80.01
Feb-10	7,521	104,397	6,114	98,283	1,014	96.9108	962	(5,055)	99,342	13.88	13.21	79.01
Mar-10	7,708	77,705	6,114	71,591	627	114.1634	805	20,311	98,016	10.08	12.72	80.37
Apr-10	7,765	36,959	6,114	30,845	325	94.9544	414	8,466	45,425	4.76	5.85	80.69
May-10	7,775	19,222	6,114	13,108	153	85.5190	164	917	20,139	2.47	2.59	80.99
Jun-10	7,912	13,184	6,114	7,070	25	90.2367	30	419	13,603	1.67	1.72	81.24
Jul-10	7,995	12,436	12,436	0	4	0.0000	0	0	12,436	1.56	1.56	81.16
Aug-10	7,994	11,765	11,765	0	7	0.0000	16	0	11,765	1.47	1.47	81.05
Sep-10	8,067	13,806	12,100	1,706	67	25.6351	83	422	14,228	1.71	1.76	80.82
Oct-10	8,631	41,097	12,100	28,997	383	75.7411	350	(2,488)	38,609	4.76	4.47	81.01
Nov-10	9,341	80,086	12,100	67,986	669	101.6140	672	298	80,385	8.57	8.61	82.99
Dec-10	10,972	180,306	12,100	168,205	1,162	144.7262	952	(30,426)	149,879	16.43	13.66	84.18
Jan-11	11,639	226,598	12,100	214,498	1,251	171.4996	1,120	(22,418)	204,180	19.47	17.54	85.16
Feb-11	12,074	179,500	12,100	167,400	955	175.2085	962	1,150	180,651	14.87	14.96	86.91
Mar-11	12,279	152,805	12,100	140,705	836	168.2477	805	(5,265)	147,540	12.44	12.02	86.21
Apr-11	12,315	80,577	12,100	68,477	414	165.3461	414	(23)	80,553	6.54	6.54	86.90
May-11	12,304	30,237	12,100	18,137	125	144.6740	164	5,590	35,827	2.46	2.91	87.22
Jun-11	12,459	20,122	12,100	8,021	21	155.0101	30	1,329	21,450	1.62	1.72	87.22
Jul-11	12,497	19,962	19,962	0	1	0.0000	0	0	19,962	1.60	1.60	87.27
Aug-11	12,469	18,453	18,453	0	10	0.0000	16	0	18,453	1.48	1.48	87.27
Sep-11	13,059	25,492	19,207	6,285	74	85.0923	83	778	26,270	1.95	2.01	87.52
Oct-11	14,323	76,755	19,207	57,548	400	144.0076	350	(7,146)	69,610	5.36	4.86	87.91
Nov-11	17,565	124,148	19,207	104,941	559	187.8033	672	21,263	145,411	7.07	8.28	87.58
Dec-11	21,740	243,560	19,207	224,353	843	266.1311	952	29,003	272,564	11.20	12.54	86.46
Jan-12	24,423	348,998	19,207	329,790	1,002	329.2297	1,120	38,947	387,944	14.29	15.88	84.80
Feb-12	25,558	323,666	19,207	304,459	814	374.0066	962	55,335	379,001	12.66	14.83	84.67
Mar-12	26,473	202,487	19,207	183,280	487	376.4569	805	119,768	322,255	7.65	12.17	84.83
Apr-12	26,901	150,838	19,207	131,631	437	301.3969	414	(6,853)	143,985	5.61	5.35	83.64
May-12	27,726	51,048	19,207	31,841	73	437.6367	164	39,931	90,980	1.84	3.28	84.01
Jun-12	28,074	47,719	19,207	28,512	39	369.5168	30	(3,197)	44,522	1.70	1.59	83.87
Jul-12	28,140	43,057	43,057	0	1	0.0000	0	0	43,057	1.53	1.53	83.80
Aug-12	29,133	41,579	41,579	0	7	0.0000	16	0	41,579	1.43	1.43	83.75
Sep-12	29,597	63,792	42,318	21,474	110	195.0598	83	(5,284)	58,508	2.16	1.98	83.72
Oct-12	29,987	124,711	42,318	82,393	335	245.5936	350	3,565	128,276	4.16	4.28	83.13
Nov-12	30,377	309,952	42,318	267,634	785	341.1240	672	(38,398)	271,553	10.20	8.94	83.79
Dec-12	30,927	370,508	42,318	328,190	853	384.5490	952	37,901	408,409	11.98	13.21	84.46
Jan-13	32,253	489,684	42,318	447,366	1,047	427.3128	1,120	31,224	520,908	15.18	16.15	84.73

UGI Utilities, Inc. - Gas Division
Residential Heating - Rate RT

Month	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8] = ([7] - [5]) * [6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Feb-13	32,392	495,314	42,318	452,996	974	464.9974	962	(5,668)	489,645	15.29	15.12	85.02
Mar-13	32,467	436,598	42,318	394,280	884	446.2572	805	(35,043)	401,555	13.45	12.37	85.21
Apr-13	32,377	217,377	42,318	175,059	427	410.2093	414	(5,232)	212,145	6.71	6.55	86.41
May-13	32,271	81,338	42,318	39,020	178	218.7492	164	(3,145)	78,193	2.52	2.42	85.55
Jun-13	32,398	44,643	42,318	2,325	21	110.8142	30	1,000	45,642	1.38	1.41	85.38
Jul-13	32,542	49,405	49,405	0	4	0.0000	0	0	49,405	1.52	1.52	85.36
Aug-13	32,620	48,748	48,748	0	12	0.0000	16	0	48,748	1.49	1.49	85.43
Sep-13	33,115	79,156	49,077	30,079	143	210.8278	83	(12,580)	66,575	2.39	2.01	85.46
Oct-13	33,746	138,652	49,077	89,575	327	273.6270	350	6,194	144,846	4.11	4.29	85.48
Nov-13	36,732	343,595	49,077	294,518	773	381.0695	672	(38,439)	305,155	9.35	8.31	84.85
Dec-13	39,635	542,534	49,077	493,458	1,012	487.6685	952	(29,197)	513,337	13.69	12.95	84.59
Jan-14	40,825	775,157	49,077	726,081	1,310	554.1929	1,120	(105,385)	669,773	18.99	16.41	84.85
Feb-14	41,145	700,114	49,077	651,037	1,114	584.4399	962	(88,806)	611,308	17.02	14.86	84.59
Mar-14	41,156	591,900	49,077	542,824	976	555.9691	805	(95,269)	496,632	14.38	12.07	84.29
Apr-14	39,996	290,388	49,077	241,312	467	517.1654	414	(27,205)	263,183	7.26	6.58	84.32
May-14	39,257	102,499	49,077	53,423	152	350.4194	164	4,046	106,545	2.61	2.71	84.61
Jun-14	38,710	55,661	49,077	6,585	14	485.8249	30	7,990	63,651	1.44	1.64	84.84
Jul-14	38,359	57,939	57,939	0	10	0.0000	0	0	57,939	1.51	1.51	84.84
Aug-14	39,022	57,536	57,536	0	13	0.0000	16	0	57,536	1.47	1.47	84.82
Sep-14	39,554	77,654	57,737	19,916	98	202.3980	83	(3,117)	74,536	1.96	1.88	84.69
Oct-14	40,571	153,659	57,737	95,922	303	316.8540	350	14,977	168,636	3.79	4.16	84.55
Nov-14	42,137	406,715	57,737	348,977	759	459.8146	672	(39,982)	366,733	9.65	8.70	84.95
Dec-14	43,327	559,097	57,737	501,359	909	551.4105	952	23,583	582,680	12.90	13.45	85.45
Jan-15	44,529	783,215	57,737	725,477	1,231	589.3861	1,120	(65,365)	717,850	17.59	16.12	85.16
Feb-15	45,059	855,825	57,737	798,088	1,275	625.9176	962	(195,955)	659,870	18.99	14.64	84.95
Mar-15	45,335	655,824	57,737	598,087	960	623.0237	805	(96,553)	559,271	14.47	12.34	85.22
Apr-15	45,044	276,725	57,737	218,988	403	543.2216	414	5,906	282,631	6.14	6.27	84.91
May-15	46,245	90,809	57,737	33,072	83	399.4403	164	32,436	123,245	1.96	2.67	84.86
Jun-15	47,373	65,898	57,737	8,160	32	251.7466	30	(608)	65,290	1.39	1.38	84.60
Jul-15	47,085	70,772	70,772	0	4	0.0000	0	0	70,772	1.50	1.50	84.59
Aug-15	46,832	67,608	67,608	0	6	0.0000	16	0	67,608	1.44	1.44	84.56
Sep-15	46,845	74,435	69,190	5,245	42	123.5546	83	5,010	79,445	1.59	1.70	84.37
Oct-15	47,740	232,342	69,190	163,152	378	431.7648	350	(12,035)	220,307	4.87	4.61	84.83
Nov-15	48,232	316,760	69,190	247,570	508	487.0598	672	79,734	396,494	6.57	8.22	84.35
Dec-15	49,454	411,448	69,190	342,258	625	547.8129	952	179,260	590,708	8.32	11.94	82.84
Jan-16	49,653	798,392	69,190	729,202	1,130	645.4790	1,120	(6,266)	792,126	16.08	15.95	82.67
Feb-16	49,526	703,638	69,190	634,448	936	678.0323	962	17,819	721,457	14.21	14.57	82.60
Mar-16	49,288	452,398	69,190	383,208	582	658.7573	805	147,091	599,489	9.18	12.16	82.42
Apr-16	48,927	312,465	69,190	243,276	468	519.7581	414	(28,096)	284,370	6.39	5.81	81.96
May-16	49,234	158,152	69,190	88,962	221	402.7513	164	(22,911)	135,241	3.21	2.75	82.04
Jun-16	49,333	72,533	69,190	3,343	25	134.8360	30	702	73,235	1.47	1.48	82.15
Jul-16	49,251	71,857	71,857	0	2	0.0000	0	0	71,857	1.46	1.46	82.11
Aug-16	48,935	66,698	66,698	0	3	0.0000	16	0	66,698	1.36	1.36	82.02
Sep-16	48,674	82,081	69,278	12,803	53	243.6988	83	7,424	89,505	1.69	1.84	82.17
Oct-16	48,654	195,780	69,278	126,502	324	390.7269	350	10,253	206,032	4.02	4.23	81.79
Nov-16	49,037	365,343	69,278	296,065	589	502.8390	672	41,843	407,186	7.45	8.30	81.87
Dec-16	50,219	675,065	69,278	605,787	973	622.8528	952	(12,831)	662,234	13.44	13.19	83.11
Jan-17	50,603	750,354	69,278	681,077	961	708.7627	1,120	112,738	863,092	14.83	17.06	84.22
Feb-17	50,556	573,885	69,278	504,608	719	702.2587	962	170,965	744,851	11.35	14.73	84.38
Mar-17	50,832	650,253	69,278	580,975	879	660.5964	805	(49,195)	601,058	12.79	11.82	84.04
Apr-17	50,931	240,310	69,278	171,032	264	647.5644	414	97,060	337,369	4.72	6.62	84.86
May-17	52,020	160,137	69,278	90,859	205	442.7107	164	(18,255)	141,882	3.08	2.73	84.84
Jun-17	51,976	74,808	69,278	5,531	33	166.2140	30	(544)	74,264	1.44	1.43	84.78
Jul-17	53,106	76,976	76,976	0	2	0.0000	0	0	76,976	1.45	1.45	84.77
Aug-17	54,163	75,610	75,610	0	19	0.0000	16	0	75,610	1.40	1.40	84.80
Sep-17	56,647	43,611	43,611	0	89	0.0000	83	0	43,611	0.77	0.77	83.73

UGI Utilities, Inc. - Gas Division
Residential Heating - Rate RT

	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]	ACT	NORM	12 MO
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	UPC	UPC	ENDED
Oct-17	59,641	117,487	76,293	41,194	227	181.1755	350	22,217	139,704	1.97	2.34	81.84
Nov-17	60,807	688,760	76,293	612,467	684	895.5539	672	(10,655)	678,105	11.33	11.15	84.69
Dec-17	66,212	1,078,481	76,293	1,002,188	1,087	921.6229	952	(124,803)	953,678	16.29	14.40	85.91
Jan-18	68,364	1,218,492	76,293	1,142,199	1,156	988.3791	1,120	(35,214)	1,183,277	17.82	17.31	86.16
Feb-18	68,522	794,715	76,293	718,423	775	927.4334	962	173,768	968,484	11.60	14.13	85.56
Mar-18	69,874	891,791	76,293	815,498	905	901.4745	805	(89,811)	801,980	12.76	11.48	85.21
Apr-18	71,254	564,679	76,293	488,386	573	852.6619	414	(135,384)	429,295	7.92	6.02	84.61
May-18	72,195	137,678	76,293	61,385	69	894.5091	164	85,315	222,992	1.91	3.09	84.98
Jun-18	71,932	127,047	76,293	50,754	29	873.5855	30	1,059	128,106	1.77	1.78	85.33
Jul-18	71,926	88,450	88,450	0	2	0.0000	0	0	88,450	1.23	1.23	85.11
Aug-18	72,549	86,905	86,905	0	2	0.0000	16	0	86,905	1.20	1.20	84.91
Sep-18	73,463	125,166	87,678	37,488	61	212.4372	83	4,622	129,788	1.70	1.77	85.91
Oct-18	73,696	354,681	87,678	267,004	370	721.6889	350	(14,412)	340,269	4.81	4.62	88.18
Nov-18	74,137	860,507	87,678	772,830	773	1,000.3046	672	(100,625)	759,882	11.61	10.25	87.28
Dec-18	76,256	988,132	87,678	900,454	886	1,016.3333	952	67,095	1,055,227	12.96	13.84	86.71
Jan-19	76,628	1,341,126	87,678	1,253,448	1,146	1,093.5441	1,120	(28,678)	1,312,447	17.50	17.13	86.53
Feb-19	76,446	1,091,967	87,678	1,004,289	904	1,110.8709	962	64,368	1,156,336	14.28	15.13	87.52
Mar-19	75,990	883,540	87,678	795,862	826	963.9796	805	(19,859)	863,681	11.63	11.37	87.41
Apr-19	75,260	331,836	87,678	244,158	319	764.4659	414	72,331	404,167	4.41	5.37	86.76
May-19	75,077	199,942	87,678	112,265	121	929.3933	164	40,156	240,098	2.66	3.20	86.87
Jun-19	75,146	116,475	87,678	28,797	25	846.9296	30	4,320	120,794	1.55	1.61	86.69
Jul-19	74,995	101,828	101,828	0	1	0.0000	0	0	101,828	1.36	1.36	86.82
Aug-19	74,851	89,446	89,446	0	2	0.0000	16	0	89,446	1.19	1.19	86.82
Sep-19	75,895	111,708	95,637	16,071	29	555.0710	83	30,000	141,708	1.47	1.87	86.92
Oct-19	76,033	250,892	95,637	155,255	266	583.6143	350	49,010	299,902	3.30	3.94	86.25
Nov-19	76,418	741,020	95,637	645,383	764	845.1167	672	(77,464)	663,556	9.70	8.68	84.68
Dec-19	77,332	1,236,628	95,637	1,140,991	923	1,236.1090	952	35,785	1,272,413	15.99	16.45	87.30
Jan-20	77,883	1,054,731	95,637	959,094	916	1,047.4705	1,120	214,073	1,268,804	13.54	16.29	86.46
Feb-20	78,311	851,415	95,637	755,778	822	919.4794	962	128,761	980,177	10.87	12.52	83.85
Mar-20	79,541	623,265	95,637	527,628	595	887.4032	805	186,731	809,997	7.84	10.18	82.67
Apr-20	80,169	627,083	95,637	531,445	488	1,089.0801	414	(80,566)	546,516	7.82	6.82	84.12
May-20	79,954	291,418	95,637	195,781	217	902.1175	164	(47,833)	243,585	3.64	3.05	83.96
Jun-20	79,563	170,322	95,637	74,685	13	995.5988	30	16,769	187,091	2.14	2.35	84.71
Jul-20	78,858	118,004	118,004	0	0	0.0000	0	0	118,004	1.50	1.50	84.85
Aug-20	78,276	82,867	82,867	0	0	0.0000	16	0	82,867	1.06	1.06	84.71
Sep-20	77,632	151,435	100,435	51,000	88	580.9002	83	(2,785)	148,650	1.95	1.91	84.76
Oct-20	77,136	275,971	100,435	175,536	309	568.0778	350	23,291	299,263	3.58	3.88	84.69
Nov-20	77,491	668,895	100,435	568,460	507	1,121.2223	672	185,002	853,897	8.63	11.02	87.03
Dec-20	77,815	998,469	100,435	898,034	940	955.3552	952	11,464	1,009,933	12.83	12.98	83.55
Jan-21	78,522	1,235,048	100,435	1,134,613	1,025	1,106.9395	1,120	105,159	1,340,208	15.73	17.07	84.33
Feb-21	78,025	1,171,466	100,435	1,071,031	969	1,105.2953	962	(7,737)	1,163,729	15.01	14.91	86.73
Mar-21	77,392	760,266	100,435	659,831	649	1,016.6881	805	158,603	918,869	9.82	11.87	88.42
Apr-21	76,480	423,331	100,435	322,896	388	832.2052	414	21,637	444,968	5.54	5.82	87.42
May-21	75,683	223,835	100,435	123,400	204	604.9000	164	(24,196)	199,639	2.96	2.64	87.01
Jun-21	74,733	113,406	100,435	12,971	12	718.5526	30	12,934	126,340	1.52	1.69	86.35
Jul-21	74,169	107,937	107,937	0	0	0.0000	0	0	107,937	1.46	1.46	86.31
Aug-21	73,677	105,994	105,994	0	0	0.0000	16	0	105,994	1.44	1.44	86.69
Sep-21	73,505	100,869	100,869	0	53	0.0000	83	0	100,869	1.37	1.37	86.15

* Baseload is the average of July and August sales

UGI Utilities, Inc. - Gas Division
Residential Non-Heating - Combined Rate R and RT

	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]	ACT	NORM	12 MO
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	UPC	UPC	ENDED
Oct-03	60,479	75,992	58,377	17,614	455	38.6764	350	(4,078)	71,914	1.26	1.19	
Nov-03	60,524	94,163	58,377	35,786	574	62.3519	672	6,114	100,278	1.56	1.66	
Dec-03	60,528	116,210	58,377	57,833	999	57.8730	952	(2,738)	113,472	1.92	1.87	
Jan-04	60,363	131,202	58,377	72,825	1,357	53.6656	1,120	(12,719)	118,483	2.17	1.96	
Feb-04	60,182	126,651	58,377	68,274	983	69.4276	962	(1,484)	125,167	2.10	2.08	
Mar-04	59,985	107,861	58,377	49,484	736	67.2686	805	4,667	112,528	1.80	1.88	
Apr-04	60,024	89,994	58,377	31,617	438	72.1753	414	(1,737)	88,258	1.50	1.47	
May-04	59,867	80,201	58,377	21,824	97	69.7219	164	4,652	84,853	1.34	1.42	
Jun-04	59,542	60,330	58,377	1,953	52	37.5770	30	(825)	59,504	1.01	1.00	
Jul-04	59,332	58,742	58,742	0	1	0.0000	0	0	58,742	0.99	0.99	
Aug-04	59,200	58,012	58,012	0	21	0.0000	16	0	58,012	0.98	0.98	
Sep-04	59,312	62,495	58,377	4,118	59	69.8401	83	1,679	64,174	1.05	1.08	17.58
Oct-04	59,373	73,457	58,377	15,080	416	36.2382	350	(2,397)	71,061	1.24	1.20	17.59
Nov-04	59,321	90,718	58,377	32,341	627	51.5949	672	2,331	93,049	1.53	1.57	17.50
Dec-04	59,331	109,260	58,377	50,883	1,005	50.6255	952	(2,687)	106,573	1.84	1.80	17.42
Jan-05	59,194	128,020	58,377	69,643	1,217	57.2217	1,120	(5,555)	122,465	2.16	2.07	17.53
Feb-05	59,055	116,874	58,377	58,497	939	62.3086	962	1,444	118,318	1.98	2.00	17.45
Mar-05	58,896	116,862	58,377	58,485	942	62.0796	805	(8,511)	108,351	1.98	1.84	17.41
Apr-05	58,666	95,615	58,377	37,238	377	98.8046	414	3,667	99,282	1.63	1.69	17.63
May-05	58,463	74,733	58,377	16,356	268	61.0222	164	(6,348)	68,385	1.28	1.17	17.39
Jun-05	58,180	61,479	61,479	0	16	0.0000	30	0	61,479	1.06	1.06	17.44
Jul-05	57,849	58,179	58,179	0	0	0.0000	0	0	58,179	1.01	1.01	17.46
Aug-05	57,626	50,028	50,028	0	1	0.0000	16	0	50,028	0.87	0.87	17.35
Sep-05	57,440	52,428	52,428	0	35	0.0000	83	0	52,428	0.91	0.91	17.18
Oct-05	57,407	64,843	54,103	10,739	351	30.5862	350	(34)	64,808	1.13	1.13	17.11
Nov-05	57,529	84,302	54,103	30,199	600	50.3695	672	3,649	87,952	1.47	1.53	17.07
Dec-05	57,601	113,229	54,103	59,126	1,121	52.7432	952	(8,914)	104,315	1.97	1.81	17.09
Jan-06	57,451	126,594	54,103	72,491	890	81.4105	1,120	18,689	145,283	2.20	2.53	17.55
Feb-06	57,455	109,323	54,103	55,219	945	58.4294	962	990	110,312	1.90	1.92	17.46
Mar-06	57,477	107,146	54,103	53,043	775	68.4567	805	2,065	109,211	1.86	1.90	17.52
Apr-06	57,269	86,360	54,103	32,257	390	82.7125	414	1,986	88,346	1.51	1.54	17.37
May-06	56,982	72,253	54,103	18,150	184	98.4706	164	(2,001)	70,252	1.27	1.23	17.44
Jun-06	56,629	58,588	54,103	4,484	44	90.5916	30	(1,246)	57,342	1.03	1.01	17.39
Jul-06	56,349	54,535	54,535	0	1	0.0000	0	0	54,535	0.97	0.97	17.35
Aug-06	56,159	48,857	48,857	0	5	0.0000	16	0	48,857	0.87	0.87	17.36
Sep-06	56,089	54,106	51,696	2,410	123	19.6326	83	(781)	53,326	0.96	0.95	17.39
Oct-06	56,028	69,704	51,696	18,008	428	42.1178	350	(3,267)	66,437	1.24	1.19	17.45
Nov-06	56,036	86,335	51,696	34,639	552	62.7159	672	7,506	93,841	1.54	1.67	17.60
Dec-06	56,222	104,421	51,696	52,725	813	64.8337	952	8,997	113,418	1.86	2.02	17.80
Jan-07	56,071	109,790	51,696	58,094	997	58.2685	1,120	7,167	116,957	1.96	2.09	17.36
Feb-07	56,120	112,984	51,696	61,288	1,178	52.0428	962	(11,223)	101,761	2.01	1.81	17.25
Mar-07	56,165	125,501	51,696	73,805	824	89.5398	805	(1,725)	123,776	2.23	2.20	17.56
Apr-07	56,003	94,529	51,696	42,833	552	77.6426	414	(10,689)	83,840	1.69	1.50	17.51
May-07	55,767	72,575	51,696	20,879	142	83.5912	164	1,800	74,375	1.30	1.33	17.61
Jun-07	55,631	53,321	51,696	1,625	23	70.9442	30	504	53,824	0.96	0.97	17.57
Jul-07	55,279	50,624	50,624	0	13	0.0000	0	0	50,624	0.92	0.92	17.52
Aug-07	54,825	48,575	48,575	0	22	0.0000	16	0	48,575	0.89	0.89	17.53
Sep-07	54,608	54,287	49,599	4,688	72	64.9721	83	705	54,992	0.99	1.01	17.59
Oct-07	54,605	60,897	49,599	11,297	222	50.8413	350	6,497	67,394	1.12	1.23	17.64
Nov-07	54,779	77,824	49,599	28,225	739	38.1679	672	(2,576)	75,248	1.42	1.37	17.34
Dec-07	54,878	119,283	49,599	69,684	1,006	69.2578	952	(3,750)	115,533	2.17	2.11	17.42
Jan-08	54,618	131,264	49,599	81,665	1,051	77.7298	1,120	5,393	136,657	2.40	2.50	17.84
Feb-08	54,640	117,414	49,599	67,815	975	69.5634	962	(895)	116,519	2.15	2.13	18.16
Mar-08	54,663	113,204	49,599	63,604	819	77.7029	805	(1,053)	112,150	2.07	2.05	18.01
Apr-08	54,427	83,287	49,599	33,687	371	90.8179	414	3,911	87,198	1.53	1.60	18.11
May-08	54,197	65,804	49,599	16,204	275	58.9157	164	(6,542)	59,262	1.21	1.09	17.87

UGI Utilities, Inc. - Gas Division
Residential Non-Heating - Combined Rate R and RT

	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]	ACT	NORM	12 MO
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	UPC	UPC	ENDED
Jun-08	53,805	57,473	49,599	7,874	18	74.8668	30	903	58,376	1.07	1.08	17.99
Jul-08	53,302	48,435	48,435	0	0	0.0000	0	0	48,435	0.91	0.91	17.98
Aug-08	53,103	49,632	49,632	0	14	0.0000	16	0	49,632	0.93	0.93	18.03
Sep-08	52,929	53,622	49,033	4,589	80	57.0372	83	145	53,767	1.01	1.02	18.04
Oct-08	52,802	64,735	49,033	15,702	468	33.5608	350	(3,956)	60,780	1.23	1.15	17.96
Nov-08	52,751	93,794	49,033	44,760	721	62.0384	672	(3,071)	90,723	1.78	1.72	18.30
Dec-08	52,467	125,999	49,033	76,966	1,016	75.7218	952	(4,878)	121,120	2.40	2.31	18.51
Jan-09	52,048	131,018	49,033	81,984	1,292	63.4315	1,120	(10,941)	120,077	2.52	2.31	18.31
Feb-09	51,981	120,433	49,033	71,399	927	77.0263	962	2,700	123,133	2.32	2.37	18.55
Mar-09	52,010	104,573	49,033	55,539	774	71.7774	805	2,241	106,814	2.01	2.05	18.55
Apr-09	51,795	77,119	49,033	28,086	419	67.0013	414	(348)	76,772	1.49	1.48	18.43
May-09	51,566	65,828	49,033	16,795	179	93.7599	164	(1,419)	64,410	1.28	1.25	18.58
Jun-09	51,258	53,742	49,033	4,709	41	80.3806	30	(864)	52,878	1.05	1.03	18.53
Jul-09	51,119	52,435	52,435	0	15	0.0000	0	0	52,435	1.03	1.03	18.65
Aug-09	50,920	50,389	50,389	0	16	0.0000	16	0	50,389	0.99	0.99	18.70
Sep-09	50,625	51,048	51,048	0	118	0.0000	83	0	51,048	1.01	1.01	18.70
Oct-09	50,560	69,057	51,412	17,645	440	40.0918	350	(3,613)	65,444	1.37	1.29	18.84
Nov-09	50,533	86,170	51,412	34,758	571	60.8916	672	6,161	92,331	1.71	1.83	18.95
Dec-09	50,455	100,525	51,412	49,113	1,055	46.5410	952	(4,806)	95,719	1.99	1.90	18.53
Jan-10	49,942	124,178	51,412	72,766	1,157	62.8906	1,120	(2,329)	121,850	2.49	2.44	18.67
Feb-10	49,836	99,605	51,412	48,193	1,014	47.5204	962	(2,479)	97,127	2.00	1.95	18.25
Mar-10	49,780	94,320	51,412	42,907	627	68.4229	805	12,173	106,493	1.89	2.14	18.33
Apr-10	49,546	66,731	51,412	15,319	325	47.1597	414	4,205	70,936	1.35	1.43	18.28
May-10	49,174	61,319	51,412	9,907	153	64.6365	164	693	62,012	1.25	1.26	18.29
Jun-10	48,858	48,822	48,822	0	25	0.0000	30	0	48,822	1.00	1.00	18.26
Jul-10	48,667	43,594	43,594	0	4	0.0000	0	0	43,594	0.90	0.90	18.13
Aug-10	48,517	41,998	41,998	0	7	0.0000	16	0	41,998	0.87	0.87	18.01
Sep-10	48,462	47,279	42,796	4,483	67	67.3699	83	1,109	48,388	0.98	1.00	18.00
Oct-10	48,545	59,577	42,796	16,781	383	43.8310	350	(1,440)	58,137	1.23	1.20	17.90
Nov-10	48,569	76,929	42,796	34,133	669	51.0163	672	150	77,079	1.58	1.59	17.66
Dec-10	48,443	108,623	42,796	65,826	1,162	56.6379	952	(11,907)	96,716	2.24	2.00	17.76
Jan-11	47,991	116,030	42,796	73,234	1,251	58.5533	1,120	(7,654)	108,376	2.42	2.26	17.58
Feb-11	47,973	102,921	42,796	60,125	955	62.9293	962	413	103,334	2.15	2.15	17.78
Mar-11	48,012	90,052	42,796	47,256	836	56.5067	805	(1,768)	88,284	1.88	1.84	17.48
Apr-11	47,795	80,760	42,796	37,963	414	91.6680	414	(13)	80,747	1.69	1.69	17.74
May-11	47,451	59,439	42,796	16,643	125	74.0874	164	2,862	62,301	1.25	1.31	17.79
Jun-11	47,211	45,266	42,796	2,470	21	74.0874	30	635	45,901	0.96	0.97	17.77
Jul-11	47,000	42,827	42,827	0	1	0.0000	0	0	42,827	0.91	0.91	17.78
Aug-11	46,825	41,496	41,496	0	10	0.0000	16	0	41,496	0.89	0.89	17.80
Sep-11	46,821	46,490	42,162	4,328	74	58.5944	83	535	47,025	0.99	1.00	17.81
Oct-11	46,863	63,940	42,162	21,778	400	54.4971	350	(2,704)	61,236	1.36	1.31	17.92
Nov-11	46,739	78,579	42,162	36,417	559	65.1714	672	7,379	85,957	1.68	1.84	18.17
Dec-11	46,660	99,524	42,162	57,362	843	68.0440	952	7,416	106,940	2.13	2.29	18.47
Jan-12	46,313	111,029	42,162	68,867	1,002	68.7500	1,120	8,133	119,162	2.40	2.57	18.78
Feb-12	46,099	92,179	42,162	50,017	814	61.4421	962	9,091	101,269	2.00	2.20	18.82
Mar-12	46,063	84,177	42,162	42,015	487	86.2987	805	27,456	111,632	1.83	2.42	19.41
Apr-12	45,778	59,422	42,162	17,260	437	39.5195	414	(899)	58,523	1.30	1.28	19.00
May-12	45,498	52,682	42,162	10,520	73	62.9091	164	5,740	58,422	1.16	1.28	18.97
Jun-12	45,250	43,552	42,162	1,390	39	35.9558	30	(311)	43,241	0.96	0.96	18.95
Jul-12	45,146	38,946	38,946	0	1	0.0000	0	0	38,946	0.86	0.86	18.90
Aug-12	45,016	41,664	41,664	0	7	0.0000	16	0	41,664	0.93	0.93	18.94
Sep-12	45,078	41,582	40,305	1,278	110	11.6046	83	(314)	41,268	0.92	0.92	18.85
Oct-12	45,119	61,472	40,305	21,167	335	63.0949	350	916	62,388	1.36	1.38	18.93
Nov-12	44,978	81,363	40,305	41,058	785	52.3323	672	(5,891)	75,472	1.81	1.68	18.77
Dec-12	44,632	108,354	40,305	68,049	853	79.7350	952	7,859	116,213	2.43	2.60	19.08
Jan-13	44,267	117,188	40,305	76,883	1,047	73.4371	1,120	5,366	122,554	2.65	2.77	19.28

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Month	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8] = ([7] - [5]) * [6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Feb-13	44,136	112,723	40,305	72,418	974	74.3366	962	(906)	111,817	2.55	2.53	19.61
Mar-13	44,066	102,359	40,305	62,054	884	70.2348	805	(5,515)	96,844	2.32	2.20	19.39
Apr-13	43,816	83,489	40,305	43,184	427	72.2857	414	(922)	82,567	1.91	1.88	19.99
May-13	43,652	53,264	40,305	12,959	178	72.6502	164	(1,044)	52,220	1.22	1.20	19.90
Jun-13	43,406	43,584	40,305	3,279	21	72.4680	30	654	44,238	1.00	1.02	19.97
Jul-13	43,256	38,466	38,466	0	4	0.0000	0	0	38,466	0.89	0.89	19.99
Aug-13	43,180	40,046	40,046	0	12	0.0000	16	0	40,046	0.93	0.93	20.00
Sep-13	43,158	43,708	39,256	4,452	143	31.2063	83	(1,862)	41,846	1.01	0.97	20.05
Oct-13	43,210	59,593	39,256	20,338	327	62.1257	350	1,406	61,000	1.38	1.41	20.08
Nov-13	43,087	82,899	39,256	43,643	773	56.4685	672	(5,696)	77,203	1.92	1.79	20.19
Dec-13	42,228	116,199	39,256	76,943	1,012	76.0402	952	(4,553)	111,646	2.75	2.64	20.23
Jan-14	41,379	127,169	39,256	87,913	1,310	67.1014	1,120	(12,760)	114,409	3.07	2.76	20.23
Feb-14	41,184	115,083	39,256	75,827	1,114	68.0702	962	(10,343)	104,739	2.79	2.54	20.24
Mar-14	41,038	107,381	39,256	68,125	976	69.7752	805	(11,956)	95,425	2.62	2.33	20.37
Apr-14	40,741	71,256	39,256	32,000	467	68.5813	414	(3,608)	67,648	1.75	1.66	20.14
May-14	40,538	53,579	39,256	14,323	152	69.1783	164	799	54,378	1.32	1.34	20.29
Jun-14	40,262	39,805	39,805	0	14	0.0000	30	0	39,805	0.99	0.99	20.26
Jul-14	40,102	37,650	37,650	0	10	0.0000	0	0	37,650	0.94	0.94	20.31
Aug-14	39,939	39,476	39,476	0	13	0.0000	16	0	39,476	0.99	0.99	20.37
Sep-14	39,971	38,299	38,299	0	98	0.0000	83	0	38,299	0.96	0.96	20.36
Oct-14	40,073	53,257	38,563	14,694	303	48.5386	350	2,294	55,552	1.33	1.39	20.33
Nov-14	40,076	81,006	38,563	42,443	759	55.9237	672	(4,863)	76,144	2.02	1.90	20.44
Dec-14	39,411	105,661	38,563	67,098	909	73.7968	952	3,156	108,818	2.68	2.76	20.56
Jan-15	38,956	117,426	38,563	78,863	1,231	64.0689	1,120	(7,105)	110,320	3.01	2.83	20.62
Feb-15	38,863	114,470	38,563	75,907	1,275	59.5317	962	(18,638)	95,832	2.95	2.47	20.55
Mar-15	38,765	111,531	38,563	72,968	960	76.0105	805	(11,780)	99,751	2.88	2.57	20.79
Apr-15	38,540	66,078	38,563	27,515	403	68.2533	414	742	66,820	1.71	1.73	20.87
May-15	38,196	43,730	38,563	5,167	83	62.4103	164	5,068	48,798	1.14	1.28	20.80
Jun-15	37,920	35,566	35,566	0	32	0.0000	30	0	35,566	0.94	0.94	20.75
Jul-15	37,826	35,079	35,079	0	4	0.0000	0	0	35,079	0.93	0.93	20.74
Aug-15	37,760	34,143	34,143	0	6	0.0000	16	0	34,143	0.90	0.90	20.66
Sep-15	37,723	35,986	34,611	1,375	42	32.3938	83	1,314	37,300	0.95	0.99	20.69
Oct-15	37,865	52,398	34,611	17,787	378	47.0721	350	(1,312)	51,086	1.38	1.35	20.65
Nov-15	37,830	65,539	34,611	30,928	508	60.8471	672	9,961	75,500	1.73	2.00	20.75
Dec-15	37,587	75,741	34,611	41,130	625	65.8319	952	21,542	97,283	2.02	2.59	20.57
Jan-16	37,437	98,164	34,611	63,553	1,130	56.2563	1,120	(546)	97,618	2.62	2.61	20.35
Feb-16	37,255	97,246	34,611	62,635	936	66.9376	962	1,759	99,005	2.61	2.66	20.54
Mar-16	37,228	70,413	34,611	35,802	582	61.5463	805	13,742	84,156	1.89	2.26	20.23
Apr-16	36,977	54,662	34,611	20,051	468	42.8389	414	(2,316)	52,346	1.48	1.42	19.91
May-16	36,905	46,509	34,611	11,898	221	53.8657	164	(3,064)	43,445	1.26	1.18	19.81
Jun-16	36,494	35,614	34,611	1,002	25	40.4314	30	210	35,824	0.98	0.98	19.85
Jul-16	35,770	31,735	31,735	0	2	0.0000	0	0	31,735	0.89	0.89	19.81
Aug-16	35,684	29,315	29,315	0	3	0.0000	16	0	29,315	0.82	0.82	19.73
Sep-16	35,244	31,669	30,525	1,143	53	21.7637	83	663	32,332	0.90	0.92	19.66
Oct-16	35,331	42,070	30,525	11,545	324	35.6587	350	936	43,006	1.19	1.22	19.53
Nov-16	35,379	48,302	30,525	17,776	589	30.1917	672	2,512	50,814	1.37	1.44	18.97
Dec-16	35,223	69,057	30,525	38,532	973	39.6171	952	(816)	68,241	1.96	1.94	18.32
Jan-17	34,895	78,760	30,525	48,235	961	50.1955	1,120	7,984	86,744	2.26	2.49	18.20
Feb-17	34,832	61,723	30,525	31,198	719	43.4182	962	10,570	72,294	1.77	2.08	17.61
Mar-17	34,889	63,653	30,525	33,128	879	37.6680	805	(2,805)	60,848	1.82	1.74	17.10
Apr-17	34,152	46,482	30,525	15,956	264	60.4147	414	9,055	55,537	1.36	1.63	17.31
May-17	33,676	36,467	30,525	5,942	205	28.9528	164	(1,194)	35,274	1.08	1.05	17.18
Jun-17	33,548	30,810	30,525	285	33	8.5535	30	(28)	30,782	0.92	0.92	17.11
Jul-17	33,451	31,371	31,371	0	2	0.0000	0	0	31,371	0.94	0.94	17.16
Aug-17	33,445	29,228	29,228	0	19	0.0000	16	0	29,228	0.87	0.87	17.22
Sep-17	33,305	22,249	22,249	0	89	0.0000	83	0	22,249	0.67	0.67	16.97

UGI Utilities, Inc. - Gas Division
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	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]	ACT	NORM	12 MO
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	UPC	UPC	ENDED
Oct-17	33,385	47,968	30,299	17,668	227	28.2328	350	3,462	51,430	1.44	1.54	17.29
Nov-17	33,512	42,171	30,299	11,872	684	17.3592	672	(207)	41,965	1.26	1.25	17.11
Dec-17	33,648	72,825	30,299	42,525	1,087	39.1065	952	(5,296)	67,529	2.16	2.01	17.18
Jan-18	33,094	83,330	30,299	53,031	1,156	45.8893	1,120	(1,635)	81,695	2.52	2.47	17.16
Feb-18	32,119	53,749	30,299	23,449	775	30.2713	962	5,672	59,420	1.67	1.85	16.93
Mar-18	31,999	50,194	30,299	19,894	905	21.9919	805	(2,191)	48,003	1.57	1.50	16.69
Apr-18	31,887	44,861	30,299	14,561	573	25.4223	414	(4,037)	40,824	1.41	1.28	16.34
May-18	31,808	29,831	29,831	0	69	0.0000	164	0	29,831	0.94	0.94	16.23
Jun-18	31,770	30,283	30,283	0	29	0.0000	30	0	30,283	0.95	0.95	16.27
Jul-18	31,674	23,704	23,704	0	2	0.0000	0	0	23,704	0.75	0.75	16.08
Aug-18	31,572	21,088	21,088	0	2	0.0000	16	0	21,088	0.67	0.67	15.87
Sep-18	31,538	28,742	22,396	6,345	61	24.9983	83	544	29,286	0.91	0.93	16.13
Oct-18	31,508	39,854	22,396	17,457	370	47.1862	350	(942)	38,911	1.26	1.23	15.83
Nov-18	31,685	50,068	22,396	27,671	773	35.8161	672	(3,603)	46,465	1.58	1.47	16.04
Dec-18	31,763	64,627	22,396	42,231	886	47.6655	952	3,147	67,774	2.03	2.13	16.17
Jan-19	31,728	72,933	22,396	50,537	1,146	44.0899	1,120	(1,156)	71,777	2.30	2.26	15.96
Feb-19	30,638	64,452	22,396	42,056	904	46.5192	962	2,696	67,148	2.10	2.19	16.31
Mar-19	30,501	51,834	22,396	29,438	826	35.6562	805	(735)	51,100	1.70	1.68	16.48
Apr-19	30,501	34,080	22,396	11,683	319	36.5808	414	3,461	37,541	1.12	1.23	16.43
May-19	30,374	32,421	22,396	10,025	121	36.1185	164	1,561	33,982	1.07	1.12	16.61
Jun-19	30,335	27,056	22,396	4,659	25	36.1185	30	184	27,240	0.89	0.90	16.56
Jul-19	30,289	22,809	22,809	0	1	0.0000	0	0	22,809	0.75	0.75	16.56
Aug-19	30,225	22,813	22,813	0	2	0.0000	16	0	22,813	0.75	0.75	16.65
Sep-19	30,246	21,744	21,744	0	29	0.0000	83	0	21,744	0.72	0.72	16.44
Oct-19	30,239	31,625	22,811	8,814	266	33.1336	350	2,782	34,408	1.05	1.14	16.34
Nov-19	30,375	42,482	22,811	19,671	764	25.7588	672	(2,361)	40,121	1.40	1.32	16.20
Dec-19	30,385	68,199	22,811	45,388	923	49.1716	952	1,424	69,622	2.24	2.29	16.35
Jan-20	30,116	65,048	22,811	42,237	916	46.1294	1,120	9,428	74,476	2.16	2.47	16.56
Feb-20	29,884	48,258	22,811	25,447	822	30.9588	962	4,335	52,593	1.61	1.76	16.13
Mar-20	29,677	39,590	22,811	16,780	595	28.2213	805	5,938	45,529	1.33	1.53	15.99
Apr-20	29,660	44,972	22,811	22,162	488	45.4154	414	(3,360)	41,613	1.52	1.40	16.16
May-20	29,634	30,467	22,811	7,656	217	35.2787	164	(1,871)	28,597	1.03	0.96	16.01
Jun-20	29,649	28,965	22,811	6,154	13	40.3471	30	680	29,645	0.98	1.00	16.11
Jul-20	29,567	25,240	25,240	0	0	0.0000	0	0	25,240	0.85	0.85	16.21
Aug-20	29,526	16,604	16,604	0	0	0.0000	16	0	16,604	0.56	0.56	16.02
Sep-20	29,515	28,532	20,922	7,610	88	43.1991	83	(207)	28,325	0.97	0.96	16.26
Oct-20	29,575	35,644	22,811	12,833	309	41.5321	350	1,703	37,347	1.21	1.26	16.39
Nov-20	29,665	45,558	22,811	22,747	507	44.8662	672	7,403	52,961	1.54	1.79	16.85
Dec-20	29,727	53,512	22,811	30,701	940	32.6606	952	392	53,904	1.80	1.81	16.37
Jan-21	29,320	69,076	22,811	46,265	1,025	45.1366	1,120	4,288	73,364	2.36	2.50	16.40
Feb-21	28,881	55,251	22,811	32,441	969	33.4785	962	(234)	55,017	1.91	1.90	16.55
Mar-21	28,445	52,939	22,811	30,129	649	46.4231	805	7,242	60,181	1.86	2.12	17.13
Apr-21	28,456	33,006	22,811	10,195	388	26.2762	414	683	33,689	1.16	1.18	16.91
May-21	28,414	24,956	22,811	2,146	204	10.5176	164	(421)	24,536	0.88	0.86	16.81
Jun-21	28,311	16,306	16,306	0	12	0.0000	30	0	16,306	0.58	0.58	16.38
Jul-21	28,261	22,655	22,655	0	0	0.0000	0	0	22,655	0.80	0.80	16.33
Aug-21	28,196	22,307	22,307	0	0	0.0000	16	0	22,307	0.79	0.79	16.56
Sep-21	28,152	22,063	22,063	0	53	0.0000	83	0	22,063	0.78	0.78	16.38

* Baseload is the average of July and August sales

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	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8]=([7] - [5])*[6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Oct-03	402	574	362	212	455	0.4647	350	(49)	525	1.43	1.31	
Nov-03	396	739	362	377	574	0.6564	672	64	803	1.87	2.03	
Dec-03	377	847	362	485	999	0.4852	952	(23)	824	2.25	2.19	
Jan-04	370	955	362	593	1,357	0.4368	1,120	(104)	851	2.58	2.30	
Feb-04	368	919	362	556	983	0.5659	962	(12)	907	2.50	2.46	
Mar-04	358	671	362	309	736	0.4194	805	29	700	1.87	1.95	
Apr-04	350	619	362	256	438	0.5854	414	(14)	605	1.77	1.73	
May-04	347	512	362	149	97	0.5024	164	34	545	1.47	1.57	
Jun-04	344	375	362	12	52	0.2377	30	(5)	369	1.09	1.07	
Jul-04	344	342	342	0	1	0.0000	0	0	342	0.99	0.99	
Aug-04	340	383	383	0	21	0.0000	16	0	383	1.13	1.13	
Sep-04	336	314	314	0	59	0.0000	83	0	314	0.93	0.93	19.66
Oct-04	334	484	362	122	416	0.2935	350	(19)	465	1.45	1.39	19.75
Nov-04	332	501	362	139	627	0.2215	672	10	511	1.51	1.54	19.26
Dec-04	324	714	362	351	1,005	0.3496	952	(19)	695	2.20	2.14	19.22
Jan-05	320	732	362	370	1,217	0.3041	1,120	(30)	703	2.29	2.20	19.11
Feb-05	317	678	362	315	939	0.3360	962	8	685	2.14	2.16	18.81
Mar-05	316	668	362	306	942	0.3243	805	(44)	623	2.11	1.97	18.83
Apr-05	314	541	362	179	377	0.4740	414	18	558	1.72	1.78	18.88
May-05	312	465	362	103	268	0.3826	164	(40)	425	1.49	1.36	18.67
Jun-05	312	288	288	0	16	0.0000	30	0	288	0.92	0.92	18.52
Jul-05	305	326	326	0	0	0.0000	0	0	326	1.07	1.07	18.60
Aug-05	300	255	255	0	1	0.0000	16	0	255	0.85	0.85	18.32
Sep-05	299	295	290	5	35	0.1378	83	7	301	0.99	1.01	18.39
Oct-05	298	335	290	45	351	0.1276	350	(0)	335	1.12	1.12	18.12
Nov-05	297	436	290	146	600	0.2440	672	18	454	1.47	1.53	18.11
Dec-05	294	569	290	279	1,121	0.2488	952	(42)	527	1.94	1.79	17.76
Jan-06	293	690	290	400	890	0.4494	1,120	103	793	2.36	2.71	18.27
Feb-06	287	545	290	255	945	0.2700	962	5	550	1.90	1.92	18.02
Mar-06	284	486	290	196	775	0.2532	805	8	494	1.71	1.74	17.79
Apr-06	345	486	290	196	390	0.5026	414	12	498	1.41	1.44	17.46
May-06	381	483	290	193	184	0.3779	164	(8)	476	1.27	1.25	17.34
Jun-06	391	380	290	90	44	0.3779	30	(5)	374	0.97	0.96	17.38
Jul-06	403	481	481	0	1	0.0000	0	0	481	1.19	1.19	17.50
Aug-06	395	290	290	0	5	0.0000	16	0	290	0.73	0.73	17.39
Sep-06	387	367	367	0	123	0.0000	83	0	367	0.95	0.95	17.33
Oct-06	383	476	385	91	428	0.2125	350	(16)	460	1.24	1.20	17.41
Nov-06	377	636	385	250	552	0.4535	672	54	690	1.69	1.83	17.71
Dec-06	374	711	385	325	813	0.4002	952	56	766	1.90	2.05	17.96
Jan-07	369	705	385	320	997	0.3209	1,120	39	745	1.91	2.02	17.27
Feb-07	366	727	385	341	1,178	0.2899	962	(63)	664	1.99	1.81	17.17
Mar-07	358	769	385	383	824	0.4650	805	(9)	760	2.15	2.12	17.56
Apr-07	375	670	385	284	552	0.5153	414	(71)	599	1.79	1.60	17.71
May-07	375	527	385	141	142	0.4901	164	11	537	1.40	1.43	17.89
Jun-07	371	328	328	0	23	0.0000	30	0	328	0.89	0.89	17.82
Jul-07	366	328	328	0	13	0.0000	0	0	328	0.90	0.90	17.52
Aug-07	360	278	278	0	22	0.0000	16	0	278	0.77	0.77	17.56
Sep-07	351	349	303	46	72	0.3659	83	4	353	1.00	1.01	17.62
Oct-07	347	415	303	112	222	0.5038	350	64	479	1.20	1.38	17.80
Nov-07	345	472	303	169	739	0.2279	672	(15)	456	1.37	1.32	17.30
Dec-07	336	719	303	416	1,006	0.4132	952	(22)	697	2.14	2.07	17.32
Jan-08	327	746	303	442	1,051	0.4210	1,120	29	775	2.28	2.37	17.67
Feb-08	318	642	303	338	975	0.3472	962	(4)	637	2.02	2.00	17.86
Mar-08	313	588	303	285	819	0.3480	805	(5)	583	1.88	1.86	17.60
Apr-08	305	455	303	152	371	0.4096	414	18	473	1.49	1.55	17.56
May-08	299	361	303	58	275	0.2114	164	(23)	338	1.21	1.13	17.25

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Month	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8] = ([7] - [5]) * [6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Jun-08	292	296	296	0	18	0.0000	30	0	296	1.01	1.01	17.38
Jul-08	290	252	252	0	0	0.0000	0	0	252	0.87	0.87	17.35
Aug-08	289	267	267	0	14	0.0000	16	0	267	0.92	0.92	17.50
Sep-08	287	317	259	57	80	0.7140	83	2	319	1.10	1.11	17.61
Oct-08	362	450	259	191	468	0.4079	350	(48)	402	1.24	1.11	17.34
Nov-08	550	867	259	608	721	0.8425	672	(42)	825	1.58	1.50	17.51
Dec-08	607	1,535	259	1,276	1,016	1.2555	952	(81)	1,455	2.53	2.40	17.84
Jan-09	601	1,528	259	1,268	1,292	0.9813	1,120	(169)	1,358	2.54	2.26	17.73
Feb-09	590	1,426	259	1,167	927	1.2587	962	44	1,470	2.42	2.49	18.22
Mar-09	571	1,175	259	916	774	1.1839	805	37	1,212	2.06	2.12	18.48
Apr-09	561	955	259	696	419	1.6605	414	(9)	947	1.70	1.69	18.61
May-09	549	750	259	491	179	1.4222	164	(22)	728	1.37	1.33	18.81
Jun-09	529	598	259	339	41	1.4222	30	(15)	583	1.13	1.10	18.90
Jul-09	521	549	549	0	15	0.0000	0	0	549	1.05	1.05	19.08
Aug-09	490	529	529	0	16	0.0000	16	0	529	1.08	1.08	19.24
Sep-09	474	501	501	0	118	0.0000	83	0	501	1.06	1.06	19.19
Oct-09	453	698	539	160	440	0.3629	350	(33)	666	1.54	1.47	19.54
Nov-09	464	912	539	373	571	0.6541	672	66	978	1.97	2.11	20.15
Dec-09	453	1,064	539	525	1,055	0.4975	952	(51)	1,012	2.35	2.23	19.99
Jan-10	455	1,353	539	815	1,157	0.7040	1,120	(26)	1,327	2.97	2.92	20.65
Feb-10	460	1,142	539	603	1,014	0.5950	962	(31)	1,111	2.48	2.42	20.57
Mar-10	458	1,092	539	553	627	0.8818	805	157	1,248	2.38	2.73	21.17
Apr-10	459	702	539	163	325	0.5015	414	45	746	1.53	1.63	21.11
May-10	454	641	539	102	153	0.6661	164	7	648	1.41	1.43	21.21
Jun-10	443	519	519	0	25	0.0000	30	0	519	1.17	1.17	21.28
Jul-10	457	452	452	0	4	0.0000	0	0	452	0.99	0.99	21.22
Aug-10	448	435	435	0	7	0.0000	16	0	435	0.97	0.97	21.11
Sep-10	441	484	444	40	67	0.6057	83	10	494	1.10	1.12	21.18
Oct-10	477	674	444	230	383	0.6008	350	(20)	654	1.41	1.37	21.08
Nov-10	490	938	444	494	669	0.7388	672	2	940	1.91	1.92	20.89
Dec-10	510	1,596	444	1,152	1,162	0.9913	952	(208)	1,387	3.13	2.72	21.37
Jan-11	532	1,871	444	1,427	1,251	1.1409	1,120	(149)	1,721	3.52	3.24	21.69
Feb-11	530	1,617	444	1,173	955	1.2280	962	8	1,625	3.05	3.07	22.34
Mar-11	529	1,348	444	905	836	1.0816	805	(34)	1,314	2.55	2.48	22.10
Apr-11	523	1,157	444	713	414	1.7224	414	(0)	1,157	2.21	2.21	22.69
May-11	517	767	444	324	125	1.4020	164	54	822	1.48	1.59	22.85
Jun-11	515	578	444	134	21	1.4020	30	12	590	1.12	1.15	22.82
Jul-11	509	524	524	0	1	0.0000	0	0	524	1.03	1.03	22.86
Aug-11	507	532	532	0	10	0.0000	16	0	532	1.05	1.05	22.94
Sep-11	553	665	528	137	74	1.8589	83	17	682	1.20	1.23	23.05
Oct-11	652	1,115	528	588	400	1.4704	350	(73)	1,042	1.71	1.60	23.28
Nov-11	825	2,011	528	1,483	559	2.6542	672	300	2,311	2.44	2.80	24.16
Dec-11	1,079	3,387	528	2,860	843	3.3921	952	370	3,757	3.14	3.48	24.93
Jan-12	1,290	4,618	528	4,090	1,002	4.0829	1,120	483	5,101	3.58	3.95	25.64
Feb-12	1,358	4,092	528	3,564	814	4.3781	962	648	4,739	3.01	3.49	26.07
Mar-12	1,419	3,732	528	3,205	487	6.5823	805	2,094	5,826	2.63	4.11	27.69
Apr-12	1,512	2,683	528	2,155	437	4.9352	414	(112)	2,571	1.77	1.70	27.18
May-12	1,742	2,664	528	2,137	73	5.7587	164	525	3,190	1.53	1.83	27.42
Jun-12	1,916	2,288	528	1,761	39	5.7587	30	(50)	2,238	1.19	1.17	27.44
Jul-12	1,975	2,074	2,074	0	1	0.0000	0	0	2,074	1.05	1.05	27.46
Aug-12	2,288	2,433	2,433	0	7	0.0000	16	0	2,433	1.06	1.06	27.48
Sep-12	2,420	2,869	2,253	616	110	5.5941	83	(152)	2,718	1.19	1.12	27.37
Oct-12	2,545	4,324	2,253	2,071	335	6.1721	350	90	4,414	1.70	1.73	27.50
Nov-12	2,651	5,989	2,253	3,736	785	4.7618	672	(536)	5,453	2.26	2.06	26.76
Dec-12	2,805	8,730	2,253	6,477	853	7.5889	952	748	9,478	3.11	3.38	26.66
Jan-13	3,018	9,900	2,253	7,646	1,047	7.3034	1,120	534	10,433	3.28	3.46	26.16

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Feb-13	3,046	9,769	2,253	7,515	974	7.7146	962	(94)	9,675	3.21	3.18	25.85
Mar-13	3,093	8,921	2,253	6,667	884	7.5464	805	(593)	8,328	2.88	2.69	24.43
Apr-13	3,124	7,941	2,253	5,688	427	7.6305	414	(97)	7,844	2.54	2.51	25.24
May-13	3,150	4,934	2,253	2,680	178	7.6305	164	(110)	4,824	1.57	1.53	24.94
Jun-13	3,241	3,978	2,253	1,724	21	7.6305	30	69	4,047	1.23	1.25	25.02
Jul-13	3,306	3,488	3,488	0	4	0.0000	0	0	3,488	1.06	1.06	25.03
Aug-13	3,309	3,687	3,687	0	12	0.0000	16	0	3,687	1.11	1.11	25.08
Sep-13	3,395	4,110	3,588	522	143	3.6602	83	(218)	3,891	1.21	1.15	25.10
Oct-13	3,471	5,542	3,588	1,955	327	5.9705	350	135	5,677	1.60	1.64	25.00
Nov-13	3,652	8,274	3,588	4,687	773	6.0643	672	(612)	7,663	2.27	2.10	25.04
Dec-13	3,798	12,682	3,588	9,094	1,012	8.9873	952	(538)	12,143	3.34	3.20	24.86
Jan-14	3,821	15,651	3,588	12,063	1,310	9.2074	1,120	(1,751)	13,900	4.10	3.64	25.04
Feb-14	3,808	14,698	3,588	11,110	1,114	9.9736	962	(1,515)	13,182	3.86	3.46	25.33
Mar-14	3,771	13,353	3,588	9,766	976	10.0022	805	(1,714)	11,639	3.54	3.09	25.72
Apr-14	3,635	8,342	3,588	4,754	467	10.1885	414	(536)	7,806	2.29	2.15	25.36
May-14	3,576	5,915	3,588	2,327	152	15.2650	164	176	6,091	1.65	1.70	25.53
Jun-14	3,527	4,222	3,588	635	14	12.7268	30	209	4,431	1.20	1.26	25.54
Jul-14	3,483	3,480	3,480	0	10	0.0000	0	0	3,480	1.00	1.00	25.48
Aug-14	3,563	3,882	3,882	0	13	0.0000	16	0	3,882	1.09	1.09	25.46
Sep-14	3,597	4,101	3,681	420	98	4.2728	83	(66)	4,036	1.14	1.12	25.43
Oct-14	3,653	5,698	3,681	2,017	303	6.6632	350	315	6,013	1.56	1.65	25.45
Nov-14	3,732	9,331	3,681	5,650	759	7.4448	672	(647)	8,684	2.50	2.33	25.67
Dec-14	3,714	11,823	3,681	8,142	909	8.9548	952	383	12,206	3.18	3.29	25.76
Jan-15	3,782	13,621	3,681	9,940	1,231	8.0758	1,120	(896)	12,726	3.60	3.36	25.49
Feb-15	3,848	13,671	3,681	9,990	1,275	7.8348	962	(2,453)	11,218	3.55	2.92	24.94
Mar-15	3,903	13,752	3,681	10,071	960	10.4912	805	(1,626)	12,126	3.52	3.11	24.96
Apr-15	3,872	8,145	3,681	4,464	403	11.0728	414	120	8,265	2.10	2.13	24.95
May-15	3,907	5,288	3,681	1,607	83	19.4151	164	1,577	6,865	1.35	1.76	25.01
Jun-15	3,903	4,205	3,681	524	32	16.1746	30	(39)	4,166	1.08	1.07	24.82
Jul-15	3,873	4,018	4,018	0	4	0.0000	0	0	4,018	1.04	1.04	24.85
Aug-15	3,833	3,890	3,890	0	6	0.0000	16	0	3,890	1.01	1.01	24.78
Sep-15	3,829	3,948	3,948	0	42	0.0000	83	0	3,948	1.03	1.03	24.69
Oct-15	3,874	5,905	3,954	1,951	378	5.1629	350	(144)	5,761	1.52	1.49	24.53
Nov-15	3,895	8,586	3,954	4,632	508	9.1138	672	1,492	10,078	2.20	2.59	24.79
Dec-15	3,966	9,585	3,954	5,631	625	9.0136	952	2,949	12,535	2.42	3.16	24.66
Jan-16	3,976	12,204	3,954	8,250	1,130	7.3032	1,120	(71)	12,133	3.07	3.05	24.35
Feb-16	3,977	12,463	3,954	8,510	936	9.0941	962	239	12,702	3.13	3.19	24.63
Mar-16	4,006	9,003	3,954	5,049	582	8.6798	805	1,938	10,941	2.25	2.73	24.25
Apr-16	4,027	6,813	3,954	2,859	468	6.1087	414	(330)	6,483	1.69	1.61	23.73
May-16	4,132	5,979	3,954	2,025	221	9.1689	164	(522)	5,458	1.45	1.32	23.29
Jun-16	3,986	4,342	3,954	389	25	7.6388	30	40	4,382	1.09	1.10	23.33
Jul-16	3,964	3,823	3,823	0	2	0.0000	0	0	3,823	0.96	0.96	23.25
Aug-16	3,941	3,547	3,547	0	3	0.0000	16	0	3,547	0.90	0.90	23.14
Sep-16	3,914	3,781	3,685	96	53	1.8266	83	56	3,837	0.97	0.98	23.09
Oct-16	3,905	4,977	3,685	1,292	324	3.9893	350	105	5,081	1.27	1.30	22.90
Nov-16	3,931	6,035	3,685	2,350	589	3.9916	672	332	6,368	1.54	1.62	21.93
Dec-16	3,995	8,095	3,685	4,410	973	4.5345	952	(93)	8,002	2.03	2.00	20.78
Jan-17	3,968	9,696	3,685	6,011	961	6.2549	1,120	995	10,691	2.44	2.69	20.42
Feb-17	3,971	7,566	3,685	3,881	719	5.4009	962	1,315	8,881	1.91	2.24	19.46
Mar-17	3,992	7,681	3,685	3,995	879	4.5430	805	(338)	7,342	1.92	1.84	18.57
Apr-17	3,860	5,865	3,685	2,179	264	8.2517	414	1,237	7,101	1.52	1.84	18.80
May-17	3,885	4,768	3,685	1,083	205	5.2772	164	(218)	4,551	1.23	1.17	18.65
Jun-17	3,882	4,036	3,685	351	33	6.7645	30	(22)	4,014	1.04	1.03	18.58
Jul-17	3,917	3,755	3,755	0	2	0.0000	0	0	3,755	0.96	0.96	18.58
Aug-17	3,952	3,378	3,378	0	19	0.0000	16	0	3,378	0.85	0.85	18.53
Sep-17	3,991	1,854	1,854	0	89	0.0000	83	0	1,854	0.46	0.46	18.02

UGI Utilities, Inc. - Gas Division
Residential Non-Heating - Rate RT

	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]	ACT	NORM	12 MO
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	UPC	UPC	ENDED
Oct-17	4,122	4,667	3,566	1,101	227	4.8403	350	594	5,260	1.13	1.28	17.99
Nov-17	4,151	9,357	3,566	5,790	684	8.4667	672	(101)	9,256	2.25	2.23	18.60
Dec-17	4,330	9,712	3,566	6,145	1,087	5.6512	952	(765)	8,946	2.24	2.07	18.66
Jan-18	4,340	11,682	3,566	8,115	1,156	7.0225	1,120	(250)	11,432	2.69	2.63	18.60
Feb-18	4,191	7,632	3,566	4,065	775	5.2481	962	983	8,615	1.82	2.06	18.42
Mar-18	4,216	7,477	3,566	3,910	905	4.3227	805	(431)	7,046	1.77	1.67	18.26
Apr-18	4,237	6,669	3,566	3,103	573	5.4168	414	(860)	5,809	1.57	1.37	17.79
May-18	4,293	4,555	3,566	988	69	4.8697	164	464	5,019	1.06	1.17	17.79
Jun-18	4,262	4,753	3,566	1,187	29	4.8697	30	6	4,759	1.12	1.12	17.87
Jul-18	4,248	4,909	3,566	0	2	0.0000	0	0	4,909	1.16	1.16	18.06
Aug-18	4,259	1,796	1,796	0	2	0.0000	16	0	1,796	0.42	0.42	17.63
Sep-18	4,311	4,760	3,353	1,407	61	1.8266	83	40	4,799	1.10	1.11	18.28
Oct-18	4,324	6,414	3,353	3,061	370	8.2744	350	(165)	6,249	1.48	1.45	18.45
Nov-18	4,336	7,639	3,353	4,286	773	5.5475	672	(558)	7,081	1.76	1.63	17.85
Dec-18	4,395	9,212	3,353	5,859	886	6.6135	952	437	9,649	2.10	2.20	17.98
Jan-19	4,384	10,402	3,353	7,049	1,146	6.1496	1,120	(161)	10,240	2.37	2.34	17.68
Feb-19	4,236	8,631	3,353	5,278	904	5.8386	962	338	8,969	2.04	2.12	17.75
Mar-19	4,217	7,129	3,353	3,777	826	4.5744	805	(94)	7,035	1.69	1.67	17.74
Apr-19	4,190	5,416	3,353	2,063	319	6.4590	414	611	6,027	1.29	1.44	17.81
May-19	4,168	5,289	3,353	1,936	121	5.5167	164	238	5,527	1.27	1.33	17.97
Jun-19	4,175	4,121	3,353	768	25	5.5167	30	28	4,149	0.99	0.99	17.84
Jul-19	4,149	3,545	3,545	0	1	0.0000	0	0	3,545	0.85	0.85	17.54
Aug-19	4,137	3,623	3,623	0	2	0.0000	16	0	3,623	0.88	0.88	18.00
Sep-19	4,167	3,129	3,129	0	29	0.0000	83	0	3,129	0.75	0.75	17.63
Oct-19	4,172	4,924	3,584	1,341	266	5.0392	350	423	5,348	1.18	1.28	17.47
Nov-19	4,186	6,335	3,584	2,751	764	3.6027	672	(330)	6,005	1.51	1.43	17.27
Dec-19	4,261	9,776	3,584	6,193	923	6.7088	952	194	9,971	2.29	2.34	17.42
Jan-20	4,248	9,198	3,584	5,614	916	6.1317	1,120	1,253	10,451	2.17	2.46	17.54
Feb-20	4,211	6,938	3,584	3,354	822	4.0806	962	571	7,509	1.65	1.78	17.21
Mar-20	4,224	5,578	3,584	1,994	595	3.3537	805	706	6,284	1.32	1.49	17.03
Apr-20	4,264	6,940	3,584	3,356	488	6.8769	414	(509)	6,431	1.63	1.51	17.10
May-20	4,238	4,457	3,584	873	217	4.0224	164	(213)	4,244	1.05	1.00	16.77
Jun-20	4,209	4,611	3,584	1,028	13	5.4496	30	92	4,703	1.10	1.12	16.90
Jul-20	4,156	3,771	3,771	0	0	0.0000	0	0	3,771	0.91	0.91	16.95
Aug-20	4,168	2,792	2,792	0	0	0.0000	16	0	2,792	0.67	0.67	16.74
Sep-20	4,148	4,701	3,282	1,419	88	6.9846	83	(33)	4,668	1.13	1.13	17.12
Oct-20	4,078	5,524	3,282	2,242	309	7.2570	350	298	5,822	1.35	1.43	17.26
Nov-20	4,066	6,685	3,282	3,403	507	6.7121	672	1,108	7,792	1.64	1.92	17.74
Dec-20	4,051	6,865	3,282	3,583	940	3.8119	952	46	6,911	1.69	1.71	17.11
Jan-21	3,987	8,942	3,282	5,660	1,025	5.5224	1,120	525	9,467	2.24	2.37	17.02
Feb-21	3,904	7,250	3,282	3,969	969	4.0957	962	(29)	7,222	1.86	1.85	17.09
Mar-21	3,828	7,028	3,282	3,746	649	5.7720	805	900	7,928	1.84	2.07	17.67
Apr-21	3,799	4,768	3,282	1,487	388	3.8314	414	100	4,868	1.26	1.28	17.45
May-21	3,782	3,588	3,282	306	204	1.5014	164	(60)	3,528	0.95	0.93	17.38
Jun-21	3,738	2,393	2,393	0	12	0.0000	30	0	2,393	0.64	0.64	16.90
Jul-21	3,720	3,281	3,281	0	0	0.0000	0	0	3,281	0.88	0.88	16.88
Aug-21	3,667	3,267	3,267	0	0	0.0000	16	0	3,267	0.89	0.89	17.10
Sep-21	3,640	3,210	3,210	0	53	0.0000	83	0	3,210	0.88	0.88	16.85

* Baseload is the average of July and August sales

UGI Utilities, Inc. - Gas Division
Commercial Heating - Rate NT

	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]	ACT	NORM	12 MO
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	UPC	UPC	ENDED
Oct-12	14,029	555,339	255,292	300,048	335	894.3723	350	12,983	568,322	39.59	40.51	
Nov-12	14,016	1,007,356	255,292	752,064	785	958.5755	672	(107,901)	899,454	71.87	64.17	
Dec-12	14,065	1,340,248	255,292	1,084,956	853	1,271.2722	952	125,295	1,465,543	95.29	104.20	
Jan-13	14,031	1,632,204	255,292	1,376,913	1,047	1,315.1922	1,120	96,103	1,728,307	116.33	123.18	
Feb-13	13,980	1,596,834	255,292	1,341,542	974	1,377.0850	962	(16,786)	1,580,047	114.22	113.02	
Mar-13	13,766	1,318,402	255,292	1,063,110	884	1,203.2583	805	(94,487)	1,223,914	95.77	88.91	
Apr-13	13,533	780,053	255,292	524,761	427	1,229.6560	414	(15,684)	764,369	57.64	56.48	
May-13	13,453	374,026	255,292	118,735	178	665.6411	164	(9,569)	364,457	27.80	27.09	
Jun-13	13,337	227,847	227,847	0	21	0.0000	30	0	227,847	17.08	17.08	
Jul-13	13,275	226,406	226,406	0	4	0.0000	0	0	226,406	17.06	17.06	
Aug-13	13,235	254,250	254,250	0	12	0.0000	16	0	254,250	19.21	19.21	
Sep-13	13,141	291,792	240,328	51,464	143	360.7206	83	(21,524)	270,268	22.20	20.57	691.48
Oct-13	13,096	467,030	240,328	226,703	327	692.5134	350	15,677	482,708	35.66	36.86	687.83
Nov-13	13,138	967,949	240,328	727,621	773	941.4501	672	(94,966)	872,982	73.68	66.45	690.10
Dec-13	13,302	1,457,407	240,328	1,217,079	1,012	1,202.8004	952	(72,013)	1,385,394	109.56	104.15	690.05
Jan-14	13,288	1,946,825	240,328	1,706,497	1,310	1,302.5118	1,120	(247,684)	1,699,141	146.51	127.87	694.75
Feb-14	13,303	1,695,729	240,328	1,455,401	1,114	1,306.5219	962	(198,527)	1,497,202	127.47	112.55	694.27
Mar-14	13,233	1,426,751	240,328	1,186,423	976	1,215.1548	805	(208,224)	1,218,528	107.82	92.08	697.44
Apr-14	12,972	684,768	240,328	444,440	467	952.4995	414	(50,105)	634,663	52.79	48.93	689.89
May-14	12,912	372,263	240,328	131,935	152	865.4111	164	9,993	382,255	28.83	29.60	692.40
Jun-14	12,798	244,573	240,328	4,245	14	313.1728	30	5,150	249,723	19.11	19.51	694.83
Jul-14	12,759	228,478	228,478	0	10	0.0000	0	0	228,478	17.91	17.91	695.68
Aug-14	12,760	258,574	258,574	0	13	0.0000	16	0	258,574	20.26	20.26	696.74
Sep-14	12,823	264,628	243,526	21,102	98	214.4501	83	(3,303)	261,325	20.64	20.38	696.55
Oct-14	12,802	424,944	243,526	181,418	303	599.2722	350	28,327	453,271	33.19	35.41	695.10
Nov-14	12,950	961,047	243,526	717,521	759	945.4105	672	(82,205)	878,842	74.21	67.86	696.51
Dec-14	13,162	1,337,572	243,526	1,094,046	909	1,203.2653	952	51,463	1,389,035	101.62	105.53	697.90
Jan-15	13,235	1,762,259	243,526	1,518,733	1,231	1,233.8364	1,120	(136,837)	1,625,423	133.15	122.81	692.84
Feb-15	13,313	1,874,337	243,526	1,630,810	1,275	1,278.9979	962	(400,414)	1,473,922	140.79	110.71	691.01
Mar-15	13,374	1,478,697	243,526	1,235,171	960	1,286.6714	805	(199,401)	1,279,297	110.57	95.66	694.58
Apr-15	13,481	647,651	243,526	404,125	403	1,002.4714	414	10,898	658,549	48.04	48.85	694.50
May-15	13,667	335,680	243,526	92,154	83	1,113.0213	164	90,382	426,062	24.56	31.17	696.07
Jun-15	13,830	238,049	238,049	0	32	0.0000	30	0	238,049	17.21	17.21	693.77
Jul-15	13,907	254,206	254,206	0	4	0.0000	0	0	254,206	18.28	18.28	694.15
Aug-15	13,914	259,293	259,293	0	6	0.0000	16	0	259,293	18.64	18.64	692.52
Sep-15	13,911	261,360	256,749	4,611	42	108.6112	83	4,404	265,764	18.79	19.10	691.24
Oct-15	14,044	516,296	256,749	259,547	378	686.8616	350	(19,145)	497,151	36.76	35.40	691.23
Nov-15	14,184	780,326	256,749	523,576	508	1,030.0646	672	168,627	948,953	55.01	66.90	690.27
Dec-15	14,310	948,517	256,749	691,767	625	1,107.2317	952	362,317	1,310,834	66.28	91.60	676.34
Jan-16	14,330	1,703,468	256,749	1,446,718	1,130	1,280.6137	1,120	(12,431)	1,691,037	118.87	118.01	671.54
Feb-16	14,388	1,578,339	256,749	1,321,589	936	1,412.3768	962	37,117	1,615,456	109.70	112.28	673.10
Mar-16	14,344	990,030	256,749	733,281	582	1,260.5525	805	281,464	1,271,494	69.02	88.64	666.09
Apr-16	14,187	682,548	256,749	425,799	468	909.7187	414	(49,175)	633,373	48.11	44.64	661.88
May-16	14,203	434,048	256,749	177,299	221	802.6713	164	(45,660)	388,387	30.56	27.35	658.05
Jun-16	14,238	285,111	256,749	28,362	25	856.1950	30	4,457	289,568	20.02	20.34	661.18
Jul-16	14,257	246,096	246,096	0	2	0.0000	0	0	246,096	17.26	17.26	660.16
Aug-16	14,219	255,010	255,010	0	3	0.0000	16	0	255,010	17.93	17.93	659.46
Sep-16	14,197	287,999	287,999	0	53	0.0000	83	0	287,999	20.29	20.29	660.64
Oct-16	14,220	462,258	250,553	211,705	324	653.8938	350	17,158	479,416	32.51	33.71	658.96
Nov-16	14,268	818,215	250,553	567,662	589	964.1215	672	80,228	898,442	57.35	62.97	655.02
Dec-16	14,392	1,451,992	250,553	1,201,439	973	1,235.2845	952	(25,448)	1,426,544	100.89	99.12	662.54
Jan-17	14,377	1,657,798	250,553	1,407,246	961	1,464.4508	1,120	232,939	1,890,738	115.31	131.51	676.05
Feb-17	14,345	1,221,791	250,553	971,238	719	1,351.6643	962	329,063	1,550,854	85.17	108.11	671.88
Mar-17	14,353	1,292,707	250,553	1,042,155	879	1,184.9801	805	(88,246)	1,204,462	90.07	83.92	667.15
Apr-17	14,243	638,710	250,553	388,157	264	1,469.6479	414	220,277	858,987	44.84	60.31	682.82
May-17	14,435	415,647	250,553	165,095	205	804.4224	164	(33,169)	382,478	28.79	26.50	681.97

UGI Utilities, Inc. - Gas Division
Commercial Heating - Rate NT

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Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	UPC	UPC	ENDED
Jun-17	14,526	299,166	250,553	48,614	33	804.4224	30	(2,634)	296,532	20.60	20.41	682.04
Jul-17	14,725	254,640	254,640	0	2	0.0000	0	0	254,640	17.29	17.29	682.08
Aug-17	14,858	291,050	291,050	0	19	0.0000	16	0	291,050	19.59	19.59	683.73
Sep-17	15,026	170,571	170,571	0	89	0.0000	83	0	170,571	11.35	11.35	674.80
Oct-17	15,183	452,263	272,845	179,419	227	789.0967	350	96,765	549,029	29.79	36.16	677.24
Nov-17	15,247	1,252,072	272,845	979,227	684	1,431.8325	672	(17,036)	1,235,036	82.12	81.00	695.28
Dec-17	15,463	1,577,649	272,845	1,304,804	1,087	1,199.9114	952	(162,488)	1,415,160	102.03	91.52	687.67
Jan-18	15,672	2,010,551	272,845	1,737,706	1,156	1,503.6896	1,120	(53,574)	1,956,977	128.29	124.87	681.03
Feb-18	15,703	1,374,896	272,845	1,102,051	775	1,422.6714	962	266,558	1,641,455	87.56	104.53	677.45
Mar-18	15,825	1,519,857	272,845	1,247,012	905	1,378.4815	805	(137,334)	1,382,522	96.04	87.36	680.90
Apr-18	15,915	1,000,743	272,845	727,898	573	1,270.8191	414	(201,779)	798,964	62.88	50.20	670.79
May-18	16,016	343,691	272,845	70,846	69	1,032.3844	164	98,465	442,156	21.46	27.61	671.90
Jun-18	15,919	340,863	272,845	68,018	29	1,151.6018	30	1,396	342,258	21.41	21.50	672.99
Jul-18	15,946	276,058	276,058	0	2	0.0000	0	0	276,058	17.31	17.31	673.01
Aug-18	16,104	280,747	280,747	0	2	0.0000	16	0	280,747	17.43	17.43	670.85
Sep-18	16,173	335,717	278,403	57,315	61	935.8746	83	20,363	356,080	20.76	22.02	681.52
Oct-18	16,298	676,964	278,403	398,561	370	1,077.2780	350	(21,514)	655,450	41.54	40.22	685.57
Nov-18	16,446	1,276,687	278,403	998,284	773	1,292.1195	672	(129,980)	1,146,707	77.63	69.73	674.30
Dec-18	16,644	1,611,170	278,403	1,332,768	886	1,504.2807	952	99,308	1,710,478	96.80	102.77	685.55
Jan-19	16,669	2,111,521	278,403	1,833,118	1,146	1,599.2652	1,120	(41,941)	2,069,580	126.67	124.16	684.83
Feb-19	16,647	1,695,455	278,403	1,417,052	904	1,567.4386	962	90,824	1,786,278	101.85	107.30	687.61
Mar-19	16,628	1,531,896	278,403	1,253,493	826	1,518.2802	805	(31,278)	1,500,618	92.13	90.25	690.49
Apr-19	16,627	684,167	278,403	405,765	319	1,270.4618	414	120,207	804,374	41.15	48.38	688.66
May-19	16,539	484,130	278,403	205,728	121	1,703.1368	164	73,587	557,717	29.27	33.72	694.78
Jun-19	16,501	318,632	278,403	40,230	25	1,615.6824	30	8,241	326,873	19.31	19.81	693.09
Jul-19	16,505	302,782	302,782	0	1	0.0000	0	0	302,782	18.34	18.34	694.12
Aug-19	16,490	319,149	319,149	0	2	0.0000	16	0	319,149	19.35	19.35	696.04
Sep-19	16,570	280,386	280,386	0	29	0.0000	83	0	280,386	16.92	16.92	690.95
Oct-19	16,610	544,421	310,966	233,456	266	877.5757	350	73,696	618,117	32.78	37.21	687.94
Nov-19	16,664	1,517,735	310,966	1,206,769	764	1,580.2416	672	(144,847)	1,372,888	91.08	82.39	700.60
Dec-19	16,708	1,369,299	310,966	1,058,334	923	1,146.5613	952	33,193	1,402,492	81.95	83.94	681.78
Jan-20	16,792	1,868,141	310,966	1,557,175	916	1,700.6631	1,120	347,568	2,215,708	111.25	131.95	689.57
Feb-20	16,821	1,592,686	310,966	1,281,720	822	1,559.3411	962	218,366	1,811,052	94.68	107.67	689.93
Mar-20	16,943	1,122,304	310,966	811,338	595	1,364.5666	805	287,138	1,409,442	66.24	83.19	682.87
Apr-20	17,024	898,888	310,966	587,923	488	1,204.8180	414	(89,128)	809,760	52.80	47.57	682.06
May-20	17,007	433,040	310,966	122,075	217	562.4942	164	(29,825)	403,215	25.46	23.71	672.05
Jun-20	16,958	302,919	302,919	0	13	0.0000	30	0	302,919	17.86	17.86	670.10
Jul-20	16,911	287,260	287,260	0	0	0.0000	0	0	287,260	16.99	16.99	668.74
Aug-20	16,930	254,132	254,132	0	0	0.0000	16	0	254,132	15.01	15.01	664.40
Sep-20	16,888	347,957	270,696	77,260	88	880.0129	83	(4,219)	343,737	20.60	20.35	667.83
Oct-20	16,859	535,817	270,696	265,121	309	857.9961	350	35,178	570,995	31.78	33.87	664.49
Nov-20	16,870	1,082,511	270,696	811,814	507	1,601.2112	672	264,200	1,346,710	64.17	79.83	661.93
Dec-20	16,858	1,566,846	270,696	1,296,149	940	1,378.8822	952	16,547	1,583,392	92.94	93.93	671.92
Jan-21	16,865	1,981,181	270,696	1,710,485	1,025	1,668.7659	1,120	158,533	2,139,714	117.47	126.87	666.84
Feb-21	16,859	1,874,163	270,696	1,603,466	969	1,654.7642	962	(11,583)	1,862,580	111.17	110.48	669.65
Mar-21	16,781	1,271,146	270,696	1,000,449	649	1,541.5244	805	240,478	1,511,624	75.75	90.08	676.54
Apr-21	16,746	788,645	270,696	517,949	388	1,334.9193	414	34,708	823,353	47.09	49.17	678.15
May-21	16,726	495,878	270,696	225,181	204	1,103.8290	164	(44,153)	451,724	29.65	27.01	681.44
Jun-21	16,771	292,860	270,696	22,164	12	1,219.3741	30	21,949	314,809	17.46	18.77	682.35
Jul-21	16,811	313,066	313,066	0	0	0.0000	0	0	313,066	18.62	18.62	683.99
Aug-21	16,830	331,675	331,675	0	0	0.0000	16	0	331,675	19.71	19.71	688.68
Sep-21	16,856	337,082	302,963	34,119	53	643.7470	83	19,312	356,394	20.00	21.14	689.47

* Baseload is the average of July and August sales

UGI Utilities, Inc. - Gas Division
Commercial Heating - Rate DS

	[1] Number of Customers	[2] Budget Sales	[3] Budget UPC
Oct-22	1,166	389,543	334.1
Nov-22	1,166	674,801	578.7
Dec-22	1,166	1,065,548	913.8
Jan-23	1,166	1,384,646	1,187.5
Feb-23	1,166	1,232,849	1,057.3
Mar-23	1,166	1,019,308	874.2
Apr-23	1,166	573,452	491.8
May-23	1,166	334,136	286.6
Jun-23	1,166	229,633	196.9
Jul-23	1,166	195,983	168.1
Aug-23	1,166	197,375	169.3
Sep-23	1,166	244,301	209.5
Total			6,467.9

UGI Utilities, Inc. - Gas Division
Commercial Non-Heating - Combined Rate N, NT, and DS

	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8] = ([7] - [5]) * [6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Oct-12	5,028	125,624	90,835	34,789	335	103.6981	350	1,505	127,129	24.98	25.28	
Nov-12	5,016	142,209	90,835	51,374	785	65.4815	672	(7,371)	134,839	28.35	26.88	
Dec-12	4,997	175,274	90,835	84,439	853	98.9392	952	9,751	185,025	35.08	37.03	
Jan-13	4,979	172,405	90,835	81,570	1,047	77.9135	1,120	5,693	178,098	34.63	35.77	
Feb-13	4,970	169,996	90,835	79,161	974	81.2586	962	(991)	169,006	34.20	34.01	
Mar-13	4,960	173,112	90,835	82,277	884	93.1235	805	(7,313)	165,799	34.90	33.43	
Apr-13	4,949	137,501	90,835	46,666	427	87.1910	414	(1,112)	136,389	27.78	27.56	
May-13	4,936	104,981	90,835	14,146	178	79.3056	164	(1,140)	103,841	21.27	21.04	
Jun-13	4,921	90,544	90,544	0	21	0.0000	30	0	90,544	18.40	18.40	
Jul-13	4,921	89,667	89,667	0	4	0.0000	0	0	89,667	18.22	18.22	
Aug-13	4,904	93,665	93,665	0	12	0.0000	16	0	93,665	19.10	19.10	
Sep-13	4,904	102,720	91,666	11,054	143	77.4813	83	(4,623)	98,097	20.95	20.00	316.72
Oct-13	4,905	119,401	91,666	27,735	327	84.7226	350	1,918	121,319	24.34	24.73	316.17
Nov-13	4,916	143,784	91,666	52,118	773	67.4336	672	(6,802)	136,982	29.25	27.86	317.15
Dec-13	4,914	176,792	91,666	85,126	1,012	84.1276	952	(5,037)	171,756	35.98	34.95	315.07
Jan-14	4,904	199,516	91,666	107,850	1,310	82.3182	1,120	(15,654)	183,863	40.68	37.49	316.80
Feb-14	4,900	188,798	91,666	97,132	1,114	87.1959	962	(13,249)	175,549	38.53	35.83	318.62
Mar-14	4,888	189,680	91,666	98,014	976	100.3873	805	(17,202)	172,478	38.81	35.29	320.48
Apr-14	4,886	130,911	91,666	39,245	467	84.1076	414	(4,424)	126,487	26.79	25.89	318.80
May-14	4,859	107,466	91,666	15,800	152	92.2475	164	1,065	108,531	22.12	22.34	320.10
Jun-14	4,858	93,200	91,666	1,534	14	88.1776	30	1,450	94,651	19.18	19.48	321.19
Jul-14	4,842	90,876	90,876	0	10	0.0000	0	0	90,876	18.77	18.77	321.73
Aug-14	4,831	95,470	95,470	0	13	0.0000	16	0	95,470	19.76	19.76	322.40
Sep-14	4,830	97,680	93,173	4,508	98	45.8101	83	(706)	96,975	20.22	20.08	322.47
Oct-14	4,832	117,193	93,173	24,020	303	79.3453	350	3,751	120,943	24.25	25.03	322.77
Nov-14	4,829	149,588	93,173	56,415	759	74.3327	672	(6,463)	143,124	30.98	29.64	324.54
Dec-14	4,803	180,296	93,173	87,123	909	95.8207	952	4,098	184,394	37.54	38.39	327.98
Jan-15	4,801	191,797	93,173	98,624	1,231	80.1236	1,120	(8,886)	182,911	39.95	38.10	328.59
Feb-15	4,799	193,847	93,173	100,674	1,275	78.9558	962	(24,719)	169,128	40.39	35.24	328.00
Mar-15	4,798	198,110	93,173	104,937	960	109.3124	805	(16,941)	181,169	41.29	37.76	330.47
Apr-15	4,791	131,510	93,173	38,338	403	95.1008	414	1,034	132,544	27.45	27.67	332.25
May-15	4,785	100,831	93,173	7,658	83	92.4941	164	7,511	108,342	21.07	22.64	332.56
Jun-15	4,776	91,956	91,956	0	32	0.0000	30	0	91,956	19.25	19.25	332.33
Jul-15	4,768	93,264	93,264	0	4	0.0000	0	0	93,264	19.56	19.56	333.12
Aug-15	4,768	92,746	92,746	0	6	0.0000	16	0	92,746	19.45	19.45	332.81
Sep-15	4,771	95,852	93,005	2,848	42	67.0802	83	2,720	98,572	20.09	20.66	333.39
Oct-15	4,774	122,076	93,005	29,072	378	76.9353	350	(2,144)	119,932	25.57	25.12	333.49
Nov-15	4,771	139,795	93,005	46,790	508	92.0528	672	15,070	154,864	29.30	32.46	336.31
Dec-15	4,775	140,288	93,005	47,283	625	75.6803	952	24,765	165,052	29.38	34.57	332.48
Jan-16	4,770	176,885	93,005	83,880	1,130	74.2495	1,120	(721)	176,164	37.08	36.93	331.31
Feb-16	4,771	187,001	93,005	93,996	936	100.4530	962	2,640	189,641	39.20	39.75	335.82
Mar-16	4,763	138,663	93,005	45,658	582	78.4887	805	17,525	156,188	29.11	32.79	330.85
Apr-16	4,762	117,978	93,005	24,973	468	53.3552	414	(2,884)	115,094	24.77	24.17	327.36
May-16	4,760	114,885	93,005	21,880	221	99.0570	164	(5,635)	109,250	24.14	22.95	327.67
Jun-16	4,750	117,085	93,005	24,080	25	76.2061	30	397	117,482	24.65	24.73	333.15
Jul-16	4,755	104,757	93,005	11,752	2	76.2061	0	(144)	104,613	22.03	22.00	335.59
Aug-16	4,746	71,191	71,191	0	3	0.0000	16	0	71,191	15.00	15.00	331.13
Sep-16	4,759	78,998	78,998	0	53	0.0000	83	0	78,998	16.60	16.60	327.07
Oct-16	4,769	107,476	75,094	32,382	324	100.0181	350	2,624	110,101	22.54	23.09	325.04
Nov-16	4,752	128,627	75,094	53,533	589	90.9214	672	7,566	136,193	27.07	28.66	321.24
Dec-16	4,747	177,809	75,094	102,715	973	105.6088	952	(2,176)	175,634	37.46	37.00	323.67
Jan-17	4,753	193,453	75,094	118,359	961	123.1704	1,120	19,592	213,045	40.70	44.82	331.56
Feb-17	4,745	154,289	75,094	79,195	719	110.2152	962	26,832	181,121	32.52	38.17	329.99
Mar-17	4,749	145,571	75,094	70,477	879	80.1357	805	(5,968)	139,603	30.65	29.40	326.59
Apr-17	4,759	146,029	75,094	70,935	264	95.1755	414	14,265	160,294	30.68	33.68	336.10
May-17	4,770	91,694	75,094	16,599	205	80.8805	164	(3,335)	88,359	19.22	18.52	331.68

UGI Utilities, Inc. - Gas Division
Commercial Non-Heating - Combined Rate N, NT, and DS

	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]	ACT	NORM	12 MO
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	UPC	UPC	ENDED
Jun-17	4,762	95,461	75,094	20,367	33	88.0280	30	(288)	95,173	20.05	19.99	326.93
Jul-17	4,761	85,606	85,606	0	2	0.0000	0	0	85,606	17.98	17.98	322.91
Aug-17	4,759	86,301	86,301	0	19	0.0000	16	0	86,301	18.13	18.13	326.04
Sep-17	4,753	77,568	77,568	0	89	0.0000	83	0	77,568	16.32	16.32	325.76
Oct-17	4,771	111,955	85,954	26,001	227	114.3542	350	14,023	125,978	23.47	26.40	329.08
Nov-17	4,770	169,230	85,954	83,276	684	121.7668	672	(1,449)	167,781	35.48	35.17	335.60
Dec-17	4,776	167,421	85,954	81,467	1,087	74.9178	952	(10,145)	157,276	35.05	32.93	331.53
Jan-18	4,787	232,056	85,954	146,102	1,156	126.4268	1,120	(4,504)	227,552	48.48	47.54	334.24
Feb-18	4,787	172,808	85,954	86,854	775	112.1221	962	21,008	193,815	36.10	40.49	336.56
Mar-18	4,776	172,068	85,954	86,114	905	95.1933	805	(9,484)	162,584	36.03	34.04	341.20
Apr-18	4,773	136,871	85,954	50,917	573	88.8943	414	(14,115)	122,756	28.68	25.72	333.24
May-18	4,775	102,347	85,954	16,393	69	92.0438	164	8,779	111,125	21.43	23.27	337.99
Jun-18	4,756	101,001	85,954	15,048	29	92.0438	30	112	101,113	21.24	21.26	339.26
Jul-18	4,742	87,527	87,527	0	2	0.0000	0	0	87,527	18.46	18.46	339.74
Aug-18	4,739	92,099	92,099	0	2	0.0000	16	0	92,099	19.43	19.43	341.04
Sep-18	4,759	102,184	89,813	12,371	61	107.1862	83	2,332	104,516	21.47	21.96	346.68
Oct-18	4,771	124,350	89,813	34,537	370	93.3508	350	(1,864)	122,486	26.06	25.67	345.95
Nov-18	4,783	184,227	89,813	94,414	773	122.2037	672	(12,293)	171,934	38.52	35.95	346.72
Dec-18	4,793	194,415	89,813	104,602	886	118.0634	952	7,794	202,209	40.56	42.19	355.98
Jan-19	4,790	218,988	89,813	129,175	1,146	112.6957	1,120	(2,955)	216,032	45.72	45.10	353.54
Feb-19	4,774	194,184	89,813	104,371	904	115.4479	962	6,690	200,874	40.68	42.08	355.13
Mar-19	4,759	192,090	89,813	102,277	826	123.8815	805	(2,552)	189,538	40.36	39.83	360.92
Apr-19	4,749	120,579	89,813	30,766	319	96.3278	414	9,114	129,693	25.39	27.31	362.51
May-19	4,779	113,153	89,813	23,340	121	110.1047	164	4,757	117,910	23.68	24.67	363.91
Jun-19	4,781	107,559	89,813	17,746	25	103.2162	30	526	108,086	22.50	22.61	365.26
Jul-19	4,775	88,301	88,301	0	1	0.0000	0	0	88,301	18.49	18.49	365.29
Aug-19	4,783	90,059	90,059	0	2	0.0000	16	0	90,059	18.83	18.83	364.69
Sep-19	4,789	94,658	89,180	5,478	29	107.1862	83	5,793	100,451	19.77	20.98	363.70
Oct-19	4,794	119,168	89,180	29,988	266	112.7256	350	9,466	128,634	24.86	26.83	364.86
Nov-19	4,793	143,068	89,180	53,888	764	70.5660	672	(6,468)	136,600	29.85	28.50	357.41
Dec-19	4,796	191,088	89,180	101,908	923	110.4034	952	3,196	194,284	39.84	40.51	355.73
Jan-20	4,796	207,501	89,180	118,321	916	129.2235	1,120	26,410	233,910	43.27	48.77	359.40
Feb-20	4,788	206,272	89,180	117,092	822	142.4543	962	19,949	226,221	43.08	47.25	364.57
Mar-20	4,787	173,813	89,180	84,633	595	142.3418	805	29,952	203,765	36.31	42.57	367.31
Apr-20	4,789	105,855	89,180	16,675	488	34.1712	414	(2,528)	103,327	22.10	21.58	361.58
May-20	4,783	83,268	83,268	0	217	0.0000	164	0	83,268	17.41	17.41	354.32
Jun-20	4,784	88,676	88,676	0	13	0.0000	30	0	88,676	18.54	18.54	350.25
Jul-20	4,773	80,070	80,070	0	0	0.0000	0	0	80,070	16.78	16.78	348.53
Aug-20	4,767	81,405	81,405	0	0	0.0000	16	0	81,405	17.08	17.08	346.78
Sep-20	4,759	66,348	66,348	0	88	0.0000	83	0	66,348	13.94	13.94	339.74
Oct-20	4,766	118,307	80,737	37,569	309	121.5835	350	4,985	123,292	24.82	25.87	338.78
Nov-20	4,763	145,591	80,737	64,854	507	127.9169	672	21,106	166,697	30.57	35.00	345.28
Dec-20	4,748	154,249	80,737	73,512	940	78.2038	952	938	155,187	32.49	32.68	337.45
Jan-21	4,752	191,977	80,737	111,239	1,025	108.5263	1,120	10,310	202,287	40.40	42.57	331.25
Feb-21	4,750	177,209	80,737	96,472	969	99.5581	962	(697)	176,512	37.31	37.16	321.16
Mar-21	4,742	158,886	80,737	78,149	649	120.4147	805	18,785	177,671	33.51	37.47	316.06
Apr-21	4,744	118,690	80,737	37,953	388	97.8161	414	2,543	121,233	25.02	25.56	320.04
May-21	4,741	92,611	80,737	11,874	204	58.2055	164	(2,328)	90,283	19.53	19.04	321.68
Jun-21	4,733	71,464	71,464	0	12	0.0000	30	0	71,464	15.10	15.10	318.24
Jul-21	4,722	84,133	84,133	0	0	0.0000	0	0	84,133	17.82	17.82	319.28
Aug-21	4,719	94,589	94,589	0	0	0.0000	16	0	94,589	20.04	20.04	322.25
Sep-21	4,716	91,910	89,361	2,549	53	48.1012	83	1,443	93,353	19.49	19.80	328.10

* Baseload is the average of July and August sales

UGI Utilities, Inc. - Gas Division
Commercial Non-Heating - Rate NT

	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8]=([7] -[5])*[6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Oct-12	1,233	51,212	36,787	14,425	335	42.9985	350	624	51,836	41.53	42.04	
Nov-12	1,235	60,725	36,787	23,938	785	30.5112	672	(3,434)	57,290	49.17	46.39	
Dec-12	1,255	70,122	36,787	33,336	853	39.0604	952	3,850	73,972	55.87	58.94	
Jan-13	1,241	67,680	36,787	30,893	1,047	29.5081	1,120	2,156	69,836	54.54	56.27	
Feb-13	1,238	70,601	36,787	33,814	974	34.7098	962	(423)	70,177	57.03	56.69	
Mar-13	1,225	68,421	36,787	31,634	884	35.8043	805	(2,812)	65,609	55.85	53.56	
Apr-13	1,210	59,892	36,787	23,105	427	54.1411	414	(691)	59,201	49.50	48.93	
May-13	1,206	42,895	36,787	6,108	178	34.2422	164	(492)	42,402	35.57	35.16	
Jun-13	1,198	37,181	36,787	394	21	18.7913	30	170	37,350	31.04	31.18	
Jul-13	1,190	35,626	35,626	0	4	0.0000	0	0	35,626	29.94	29.94	
Aug-13	1,185	37,822	37,822	0	12	0.0000	16	0	37,822	31.92	31.92	
Sep-13	1,186	40,441	36,724	3,717	143	26.0565	83	(1,555)	38,886	34.10	32.79	523.80
Oct-13	1,190	48,920	36,724	12,196	327	37.2545	350	843	49,763	41.11	41.82	523.57
Nov-13	1,193	60,609	36,724	23,885	773	30.9038	672	(3,117)	57,491	50.80	48.19	525.37
Dec-13	1,216	70,999	36,724	34,275	1,012	33.8733	952	(2,028)	68,971	58.39	56.72	523.15
Jan-14	1,194	74,801	36,724	38,077	1,310	29.0631	1,120	(5,527)	69,274	62.65	58.02	524.90
Feb-14	1,194	75,635	36,724	38,911	1,114	34.9308	962	(5,308)	70,327	63.35	58.90	527.11
Mar-14	1,184	73,876	36,724	37,152	976	38.0518	805	(6,520)	67,355	62.40	56.89	530.44
Apr-14	1,162	52,991	36,724	16,267	467	34.8631	414	(1,834)	51,157	45.60	44.03	525.54
May-14	1,156	44,902	36,724	8,178	152	36.4575	164	421	45,323	38.84	39.21	529.59
Jun-14	1,159	36,574	36,574	0	14	0.0000	30	0	36,574	31.56	31.56	529.97
Jul-14	1,165	35,435	35,435	0	10	0.0000	0	0	35,435	30.42	30.42	530.44
Aug-14	1,166	38,234	38,234	0	13	0.0000	16	0	38,234	32.79	32.79	531.32
Sep-14	1,167	37,897	36,834	1,062	98	10.7965	83	(166)	37,730	32.47	32.33	530.86
Oct-14	1,159	48,477	36,834	11,642	303	38.4572	350	1,818	50,294	41.83	43.39	532.44
Nov-14	1,185	65,349	36,834	28,515	759	37.5717	672	(3,267)	62,083	55.15	52.39	536.64
Dec-14	1,202	70,872	36,834	34,037	909	37.4354	952	1,601	72,473	58.96	60.29	540.21
Jan-15	1,197	74,413	36,834	37,578	1,231	30.5291	1,120	(3,386)	71,027	62.17	59.34	541.53
Feb-15	1,195	77,627	36,834	40,793	1,275	31.9926	962	(10,016)	67,611	64.96	56.58	539.21
Mar-15	1,194	83,165	36,834	46,331	960	48.2629	805	(7,479)	75,686	69.65	63.39	545.71
Apr-15	1,204	56,249	36,834	19,415	403	48.1605	414	524	56,773	46.72	47.15	548.84
May-15	1,219	42,800	36,834	5,966	83	48.2117	164	3,915	46,715	35.11	38.32	547.95
Jun-15	1,228	38,418	36,834	1,584	32	48.8594	30	(118)	38,300	31.29	31.19	547.59
Jul-15	1,229	39,789	39,789	0	4	0.0000	0	0	39,789	32.38	32.38	549.55
Aug-15	1,237	39,697	39,697	0	6	0.0000	16	0	39,697	32.09	32.09	548.85
Sep-15	1,234	39,943	39,743	200	42	4.7066	83	191	40,134	32.37	32.52	549.04
Oct-15	1,255	55,563	39,743	15,820	378	41.8646	350	(1,167)	54,396	44.27	43.34	548.99
Nov-15	1,262	62,109	39,743	22,366	508	44.0017	672	7,203	69,312	49.21	54.92	551.52
Dec-15	1,258	61,707	39,743	21,963	625	35.1542	952	11,503	73,210	49.05	58.20	549.42
Jan-16	1,256	70,579	39,743	30,835	1,130	27.2950	1,120	(265)	70,314	56.19	55.98	546.07
Feb-16	1,259	78,454	39,743	38,711	936	41.3704	962	1,087	79,542	62.31	63.18	552.67
Mar-16	1,255	61,323	39,743	21,580	582	37.0974	805	8,283	69,607	48.86	55.46	544.74
Apr-16	1,246	51,989	39,743	12,246	468	26.1635	414	(1,414)	50,575	41.72	40.59	538.18
May-16	1,247	48,700	39,743	8,957	221	40.5515	164	(2,307)	46,394	39.05	37.20	537.06
Jun-16	1,245	39,598	39,598	0	25	0.0000	30	0	39,598	31.81	31.81	537.68
Jul-16	1,240	38,088	38,088	0	2	0.0000	0	0	38,088	30.72	30.72	536.02
Aug-16	1,250	37,894	37,894	0	3	0.0000	16	0	37,894	30.32	30.32	534.24
Sep-16	1,249	40,329	40,329	0	53	0.0000	83	0	40,329	32.29	32.29	534.01
Oct-16	1,255	48,978	37,991	10,987	324	33.9344	350	890	49,868	39.03	39.74	530.40
Nov-16	1,247	57,277	37,991	19,286	589	32.7560	672	2,726	60,003	45.93	48.12	523.59
Dec-16	1,260	71,745	37,991	33,754	973	34.7050	952	(715)	71,030	56.94	56.37	521.77
Jan-17	1,253	82,460	37,991	44,469	961	46.2767	1,120	7,361	89,821	65.81	71.68	537.47
Feb-17	1,254	66,372	37,991	28,380	719	39.4968	962	9,616	75,987	52.93	60.60	534.89
Mar-17	1,254	65,110	37,991	27,119	879	30.8352	805	(2,296)	62,813	51.92	50.09	529.52
Apr-17	1,250	55,001	37,991	17,010	264	35.1660	414	5,271	60,272	44.00	48.22	537.15
May-17	1,268	43,410	37,991	5,419	205	26.4033	164	(1,089)	42,321	34.23	33.38	533.32

UGI Utilities, Inc. - Gas Division
Commercial Non-Heating - Rate NT

	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8] = ([7] - [5]) * [6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Jun-17	1,281	38,552	37,991	561	33	16.8656	30	(55)	38,497	30.10	30.05	531.57
Jul-17	1,293	36,292	36,292	0	2	0.0000	0	0	36,292	28.07	28.07	528.92
Aug-17	1,308	39,317	39,317	0	19	0.0000	16	0	39,317	30.06	30.06	528.66
Sep-17	1,325	40,723	37,805	2,919	89	32.6507	83	(209)	40,515	30.73	30.58	526.95
Oct-17	1,343	32,791	32,791	0	227	0.0000	350	0	32,791	24.42	24.42	511.63
Nov-17	1,353	79,222	37,805	41,417	684	60.5600	672	(721)	78,501	58.55	58.02	521.53
Dec-17	1,381	72,035	37,805	34,230	1,087	31.4786	952	(4,263)	67,772	52.16	49.07	514.23
Jan-18	1,391	109,373	37,805	71,568	1,156	61.9302	1,120	(2,206)	107,167	78.63	77.04	519.59
Feb-18	1,401	75,487	37,805	37,682	775	48.6452	962	9,114	84,601	53.88	60.39	519.38
Mar-18	1,408	70,652	37,805	32,848	905	36.3108	805	(3,618)	67,035	50.18	47.61	516.90
Apr-18	1,419	61,634	37,805	23,830	573	41.6036	414	(6,606)	55,029	43.44	38.78	507.46
May-18	1,417	44,166	37,805	6,362	69	38.9572	164	3,716	47,882	31.17	33.79	507.88
Jun-18	1,407	42,003	37,805	4,199	29	38.9572	30	47	42,051	29.85	29.89	507.71
Jul-18	1,404	37,331	37,331	0	2	0.0000	0	0	37,331	26.59	26.59	506.23
Aug-18	1,401	36,187	36,187	0	2	0.0000	16	0	36,187	25.83	25.83	502.00
Sep-18	1,417	40,600	36,759	3,841	61	32.6507	83	710	41,310	28.65	29.15	500.58
Oct-18	1,422	43,279	36,759	6,520	370	17.6220	350	(352)	42,927	30.44	30.19	506.35
Nov-18	1,418	91,635	36,759	54,876	773	71.0277	672	(7,145)	84,490	64.62	59.58	507.92
Dec-18	1,433	85,416	36,759	48,657	886	54.9184	952	3,626	89,042	59.61	62.14	520.98
Jan-19	1,427	89,932	36,759	53,172	1,146	46.3891	1,120	(1,217)	88,715	63.02	62.17	506.10
Feb-19	1,422	76,859	36,759	40,100	904	44.3555	962	2,570	79,429	54.05	55.86	501.57
Mar-19	1,405	79,213	36,759	42,453	826	51.4211	805	(1,059)	78,153	56.38	55.63	509.59
Apr-19	1,399	51,929	36,759	15,170	319	47.4979	414	4,494	56,423	37.12	40.33	511.14
May-19	1,424	52,875	36,759	16,116	121	49.4595	164	2,137	55,012	37.13	38.63	515.98
Jun-19	1,421	41,721	36,759	4,961	25	48.4787	30	247	41,968	29.36	29.36	515.63
Jul-19	1,405	39,773	39,773	0	1	0.0000	0	0	39,773	28.31	28.31	517.35
Aug-19	1,411	40,109	40,109	0	2	0.0000	16	0	40,109	28.43	28.43	519.94
Sep-19	1,421	39,038	39,038	0	29	0.0000	83	0	39,038	27.47	27.47	518.26
Oct-19	1,421	51,286	39,406	11,881	266	44.6602	350	3,750	55,037	36.09	38.73	526.81
Nov-19	1,420	63,352	39,406	23,946	764	31.3574	672	(2,874)	60,478	44.61	42.59	509.81
Dec-19	1,420	75,615	39,406	36,209	923	39.2273	952	1,136	76,750	53.25	54.05	501.73
Jan-20	1,421	80,725	39,406	41,319	916	45.1264	1,120	9,223	89,947	56.81	63.30	502.86
Feb-20	1,419	75,951	39,406	36,546	822	44.4614	962	6,226	82,178	53.52	57.91	504.91
Mar-20	1,419	78,650	39,406	39,245	595	66.0045	805	13,889	92,539	55.43	65.21	514.50
Apr-20	1,424	50,274	39,406	10,868	488	22.2721	414	(1,648)	48,626	35.30	34.15	508.32
May-20	1,416	33,078	33,078	0	217	0.0000	164	0	33,078	23.36	23.36	493.05
Jun-20	1,410	37,014	37,014	0	13	0.0000	30	0	37,014	26.25	26.25	489.76
Jul-20	1,422	32,973	32,973	0	0	0.0000	0	0	32,973	23.19	23.19	484.64
Aug-20	1,424	33,755	33,755	0	0	0.0000	16	0	33,755	23.70	23.70	479.92
Sep-20	1,425	37,000	33,364	3,636	88	41.4100	83	(199)	36,801	25.96	25.83	478.27
Oct-20	1,428	52,897	33,364	19,533	309	63.2131	350	2,592	55,489	37.04	38.86	478.40
Nov-20	1,430	63,867	33,364	30,503	507	60.1636	672	9,927	73,794	44.66	51.60	487.41
Dec-20	1,419	64,977	33,364	31,613	940	33.6307	952	404	65,381	45.79	46.08	479.44
Jan-21	1,425	89,784	33,364	56,420	1,025	55.0440	1,120	5,229	95,013	63.01	66.68	482.82
Feb-21	1,422	82,923	33,364	49,559	969	51.1445	962	(358)	82,565	58.31	58.06	482.97
Mar-21	1,417	68,642	33,364	35,278	649	54.3579	805	8,480	77,122	48.44	54.43	472.18
Apr-21	1,415	52,808	33,364	19,444	388	50.1133	414	1,303	54,111	37.32	38.24	476.27
May-21	1,411	41,445	33,364	8,080	204	39.6097	164	(1,584)	39,860	29.37	28.25	481.16
Jun-21	1,408	31,174	31,174	0	12	0.0000	30	0	31,174	22.14	22.14	477.05
Jul-21	1,407	37,571	37,571	0	0	0.0000	0	0	37,571	26.70	26.70	480.57
Aug-21	1,393	42,007	42,007	0	0	0.0000	16	0	42,007	30.16	30.16	487.02
Sep-21	1,393	41,562	34,372	7,190	53	44.8615	83	1,346	42,908	29.84	30.80	491.99

* Baseload is the average of July and August sales

UGI Utilities, Inc. - Gas Division
Commercial Non-Heating-Rate DS

	[1]	[2]	[3]
	Number of	Budget	Budget
	Customers	Sales	UPC
Oct-22	24	10,965	456.9
Nov-22	24	11,891	495.4
Dec-22	24	14,966	623.6
Jan-23	24	17,345	722.7
Feb-23	24	16,668	694.5
Mar-23	24	13,776	574.0
Apr-23	24	11,514	479.7
May-23	24	9,839	410.0
Jun-23	24	8,984	374.3
Jul-23	24	9,223	384.3
Aug-23	24	11,461	477.6
Sep-23	24	11,736	489.0
Total			6,182.0

UGI Utilities, Inc. - Gas Division
Industrial - Combined Rate N, NT, and DS

	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]			
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Oct-12	1,467	259,165	148,424	110,741	335	330.0946	350	4,792	263,957	176.66	179.93	
Nov-12	1,476	391,756	148,424	243,332	785	310.1494	672	(34,912)	356,844	265.42	241.76	
Dec-12	1,480	520,902	148,424	372,478	853	436.4428	952	43,015	563,917	351.96	381.03	
Jan-13	1,479	642,939	148,424	494,515	1,047	472.3484	1,120	34,515	677,454	434.71	458.05	
Feb-13	1,481	634,585	148,424	486,161	974	499.0415	962	(6,083)	628,502	428.48	424.38	
Mar-13	1,480	529,677	148,424	381,253	884	431.5128	805	(33,885)	495,792	357.89	334.99	
Apr-13	1,476	326,304	148,424	177,880	427	416.8202	414	(5,316)	320,987	221.07	217.47	
May-13	1,470	167,138	148,424	18,715	178	104.9164	164	(1,508)	165,630	113.70	112.67	
Jun-13	1,459	135,191	135,191	0	21	0.0000	30	0	135,191	92.66	92.66	
Jul-13	1,457	142,941	142,941	0	4	0.0000	0	0	142,941	98.11	98.11	
Aug-13	1,457	150,155	139,066	11,089	12	216.4754	16	800	150,955	103.06	103.61	
Sep-13	1,450	153,623	139,066	14,557	143	102.0312	83	(6,088)	147,535	105.95	101.75	2746.40
Oct-13	1,452	247,396	139,066	108,330	327	330.9196	350	7,491	254,888	170.38	175.54	2742.02
Nov-13	1,461	419,619	139,066	280,553	773	363.0001	672	(36,617)	383,002	287.21	262.15	2762.40
Dec-13	1,464	620,749	139,066	481,683	1,012	476.0323	952	(28,501)	592,249	424.01	404.54	2785.92
Jan-14	1,464	840,571	139,066	701,505	1,310	535.4348	1,120	(101,818)	738,753	574.16	504.61	2832.48
Feb-14	1,462	733,326	139,066	594,260	1,114	533.4708	962	(81,061)	652,265	501.59	446.15	2854.25
Mar-14	1,455	664,866	139,066	525,800	976	538.5335	805	(92,281)	572,585	456.95	393.53	2912.79
Apr-14	1,451	326,399	139,066	187,333	467	401.4812	414	(21,120)	305,279	224.95	210.39	2905.71
May-14	1,444	217,428	139,066	78,362	152	514.0094	164	5,935	223,364	150.57	154.68	2947.72
Jun-14	1,434	143,487	143,487	0	14	0.0000	30	0	143,487	100.06	100.06	2955.12
Jul-14	1,433	153,963	153,963	0	10	0.0000	0	0	153,963	107.44	107.44	2964.46
Aug-14	1,431	154,445	148,725	5,719	13	435.5129	16	1,249	155,693	107.93	108.80	2969.65
Sep-14	1,432	172,167	148,725	23,442	98	238.2260	83	(3,669)	168,498	120.23	117.67	2985.57
Oct-14	1,435	236,773	148,725	88,048	303	290.8450	350	13,748	250,521	165.00	174.58	2984.60
Nov-14	1,447	425,403	148,725	276,678	759	364.5523	672	(31,699)	393,704	293.99	272.08	2994.54
Dec-14	1,450	641,288	148,725	492,563	909	541.7358	952	23,170	664,458	442.27	458.25	3048.24
Jan-15	1,448	758,233	148,725	609,508	1,231	495.1711	1,120	(54,916)	703,317	523.64	485.72	3029.34
Feb-15	1,447	901,400	148,725	752,674	1,275	590.3009	962	(184,805)	716,595	622.94	495.23	3078.43
Mar-15	1,442	649,620	148,725	500,894	960	521.7791	805	(80,862)	568,757	450.50	394.42	3079.32
Apr-15	1,435	299,735	148,725	151,010	403	374.5951	414	4,072	303,808	208.87	211.71	3080.64
May-15	1,427	180,682	148,725	31,957	83	385.9682	164	31,342	212,024	126.62	148.58	3074.54
Jun-15	1,423	116,549	116,549	0	32	0.0000	30	0	116,549	81.90	81.90	3056.38
Jul-15	1,422	196,406	133,412	62,995	4	380.2817	0	(1,576)	194,830	138.12	137.01	3085.95
Aug-15	1,420	150,275	150,275	0	6	0.0000	16	0	150,275	105.83	105.83	3082.98
Sep-15	1,421	166,763	133,412	33,351	42	381.3114	83	15,462	182,225	117.36	128.24	3093.55
Oct-15	1,419	259,516	133,412	126,105	378	333.7217	350	(9,302)	250,214	182.89	176.33	3095.30
Nov-15	1,421	351,420	133,412	218,008	508	428.9011	672	70,213	421,633	247.30	296.72	3119.93
Dec-15	1,421	425,797	133,412	292,386	625	467.9879	952	153,139	578,936	299.65	407.41	3069.10
Jan-16	1,422	663,186	133,412	529,774	1,130	468.9480	1,120	(4,552)	658,634	466.38	463.17	3046.56
Feb-16	1,419	663,664	133,412	530,253	936	566.6786	962	14,892	678,557	467.70	478.19	3029.52
Mar-16	1,415	423,984	133,412	290,573	582	499.5113	805	111,534	535,518	299.64	378.46	3013.56
Apr-16	1,416	295,822	133,412	162,410	468	346.9890	414	(18,757)	277,065	208.91	195.67	2997.51
May-16	1,415	194,867	133,412	61,455	221	278.2232	164	(15,827)	179,040	137.72	126.53	2975.46
Jun-16	1,412	105,184	105,184	0	25	0.0000	30	0	105,184	74.49	74.49	2968.05
Jul-16	1,414	180,566	132,180	48,385	2	312.6061	0	(592)	179,973	127.70	127.28	2958.32
Aug-16	1,413	159,177	159,177	0	3	0.0000	16	0	159,177	112.65	112.65	2965.15
Sep-16	1,412	190,675	132,180	58,495	53	396.4813	83	12,078	202,753	135.04	143.59	2980.50
Oct-16	1,417	245,047	132,180	112,867	324	348.6128	350	9,147	254,195	172.93	179.39	2983.56
Nov-16	1,418	393,808	132,180	261,627	589	444.3499	672	36,976	430,783	277.72	303.80	2990.64
Dec-16	1,415	600,831	132,180	468,651	973	481.8531	952	(9,927)	590,904	424.62	417.60	3000.83
Jan-17	1,417	676,881	132,180	544,701	961	566.8430	1,120	90,163	767,044	477.69	541.32	3078.97
Feb-17	1,411	527,698	132,180	395,518	719	550.4390	962	134,005	661,703	373.99	468.96	3069.73
Mar-17	1,412	570,494	132,180	438,314	879	498.3837	805	(37,115)	533,379	404.03	377.75	3069.02
Apr-17	1,406	295,782	132,180	163,601	264	619.4301	414	92,843	388,624	210.37	276.40	3149.76
May-17	1,403	204,448	132,180	72,267	205	352.1218	164	(14,519)	189,928	145.72	135.37	3158.60

UGI Utilities, Inc. - Gas Division
Industrial - Combined Rate N, NT, and DS

	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]	ACT	NORM	12 MO
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	UPC	UPC	ENDED
Jun-17	1,396	159,579	159,579	0	33	0.0000	30	0	159,579	114.31	114.31	3198.42
Jul-17	1,394	148,670	148,670	0	2	0.0000	0	0	148,670	106.65	106.65	3177.79
Aug-17	1,392	163,113	154,124	8,989	19	476.4487	16	(1,366)	161,748	117.18	116.20	3181.34
Sep-17	1,385	221,802	154,124	67,678	89	757.1402	83	(4,835)	216,967	160.15	156.65	3194.40
Oct-17	1,385	223,477	154,124	69,353	227	305.0200	350	37,404	260,881	161.36	188.36	3203.37
Nov-17	1,388	447,600	154,124	293,476	684	429.1218	672	(5,106)	442,494	322.48	318.80	3218.38
Dec-17	1,388	696,001	154,124	541,877	1,087	498.3156	952	(67,480)	628,521	501.44	452.82	3253.60
Jan-18	1,392	721,051	154,124	566,927	1,156	490.5790	1,120	(17,479)	703,573	518.00	505.44	3217.73
Feb-18	1,392	534,083	154,124	379,959	775	490.5005	962	91,902	625,986	383.68	449.70	3198.47
Mar-18	1,387	582,242	154,124	428,118	905	473.2531	805	(47,149)	535,093	419.79	385.79	3206.51
Apr-18	1,384	472,037	154,124	317,912	573	555.0354	414	(88,128)	383,909	341.07	277.39	3207.50
May-18	1,379	84,079	84,079	0	69	0.0000	164	0	84,079	60.97	60.97	3133.10
Jun-18	1,371	138,638	138,638	0	29	514.1442	30	623	139,261	101.12	101.58	3120.36
Jul-18	1,367	114,004	114,004	0	2	0.0000	0	0	114,004	83.40	83.40	3097.11
Aug-18	1,362	149,081	126,321	22,759	2	514.1442	16	7,222	156,302	109.46	114.76	3095.67
Sep-18	1,357	149,840	126,321	23,519	61	384.0355	83	8,356	158,196	110.42	116.58	3055.59
Oct-18	1,362	257,484	126,321	131,163	370	354.5218	350	(7,080)	250,404	189.05	183.85	3051.08
Nov-18	1,371	415,083	126,321	288,762	773	373.7557	672	(37,598)	377,485	302.76	275.34	3007.62
Dec-18	1,377	551,550	126,321	425,229	886	479.9517	952	31,685	583,235	400.54	423.55	2978.35
Jan-19	1,379	750,209	126,321	623,887	1,146	544.2974	1,120	(14,274)	735,934	544.02	533.67	3006.58
Feb-19	1,379	594,303	126,321	467,981	904	517.6464	962	29,995	624,297	430.97	452.72	3009.59
Mar-19	1,375	560,195	126,321	433,873	826	525.5246	805	(10,826)	549,368	407.41	399.54	3023.34
Apr-19	1,368	286,879	126,321	160,557	319	502.7104	414	47,565	334,443	209.71	244.48	2990.43
May-19	1,361	188,433	126,321	62,112	121	514.1960	164	22,217	210,649	138.45	154.78	3084.23
Jun-19	1,360	147,024	126,321	20,703	25	508.4532	30	2,593	149,618	108.11	110.01	3092.67
Jul-19	1,357	142,937	142,937	0	1	0.0000	0	0	142,937	105.33	105.33	3114.61
Aug-19	1,355	149,519	149,519	0	2	0.0000	16	0	149,519	110.35	110.35	3110.19
Sep-19	1,363	109,383	109,383	0	29	0.0000	83	0	109,383	80.25	80.25	3073.87
Oct-19	1,361	204,246	146,228	58,018	266	218.0937	350	18,315	222,561	150.07	163.53	3053.54
Nov-19	1,365	449,810	146,228	303,582	764	397.5352	672	(36,439)	413,371	329.53	302.84	3081.04
Dec-19	1,361	524,407	146,228	378,180	923	409.7066	952	11,861	536,268	385.31	394.03	3051.51
Jan-20	1,358	650,037	146,228	503,810	916	550.2340	1,120	112,452	762,490	478.67	561.48	3079.32
Feb-20	1,357	584,713	146,228	438,485	822	533.4611	962	74,704	659,417	430.89	485.94	3112.54
Mar-20	1,350	302,642	146,228	156,414	595	263.0689	805	55,356	357,998	224.18	265.18	2978.18
Apr-20	1,341	237,334	146,228	91,106	488	186.7021	414	(13,812)	223,522	176.98	166.68	2900.39
May-20	1,337	323,903	146,228	177,675	217	224.8855	164	(11,924)	311,979	242.26	233.34	2978.96
Jun-20	1,337	6,152	6,152	0	13	0.0000	30	0	6,152	4.60	4.60	2873.55
Jul-20	1,330	99,166	99,166	0	0	0.0000	0	0	99,166	74.56	74.56	2842.78
Aug-20	1,323	107,058	107,058	0	0	0.0000	16	0	107,058	80.92	80.92	2813.35
Sep-20	1,330	133,855	133,855	0	88	0.0000	83	0	133,855	100.64	100.64	2833.74
Oct-20	1,334	201,824	146,228	55,596	309	179.9238	350	7,377	209,201	151.29	156.82	2827.04
Nov-20	1,331	289,168	146,228	142,941	507	281.9344	672	46,519	335,688	217.26	252.21	2776.41
Dec-20	1,332	502,064	146,228	355,836	940	378.5488	952	4,543	506,606	376.92	380.34	2762.72
Jan-21	1,341	600,851	146,228	454,623	1,025	443.5348	1,120	42,136	642,987	448.06	479.48	2680.72
Feb-21	1,342	556,338	146,228	410,110	969	423.2300	962	(2,963)	553,375	414.56	412.35	2607.13
Mar-21	1,344	463,550	146,228	317,322	649	488.9396	805	76,275	539,824	344.90	401.65	2743.60
Apr-21	1,340	254,490	146,228	108,262	388	279.0265	414	7,255	261,745	189.92	195.33	2772.25
May-21	1,331	222,012	146,228	75,784	204	371.4926	164	(14,860)	207,153	166.80	155.64	2694.55
Jun-21	1,326	87,783	87,783	0	12	0.0000	30	0	87,783	66.20	66.20	2756.15
Jul-21	1,329	126,619	126,619	0	0	0.0000	0	0	126,619	95.27	95.27	2776.86
Aug-21	1,330	136,505	136,505	0	0	0.0000	16	0	136,505	102.63	102.63	2798.57
Sep-21	1,328	130,853	130,853	0	53	0.0000	83	0	130,853	98.53	98.53	2796.47

* Baseload is the average of July and August sales

UGI Utilities, Inc. - Gas Division
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	[1] Number of Customers	[2] Actual Sales	[3] * Base Load	[4] = [2] - [3] Temp Sensitive Load	[5] Actual DD's	[6] = [4] / [5] Temp Sensitive Load/DD	[7] Normal DD's	[8] = ([7] - [5]) * [6] Normalized Sales Adj	[9] = [8] + [2] Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Oct-12	511	54,511	26,563	27,947	335	83.3049	350	1,209	55,720	106.67	109.04	
Nov-12	505	100,881	26,563	74,318	785	94.7256	672	(10,663)	90,219	199.77	178.65	
Dec-12	504	121,743	26,563	95,180	853	111.5251	952	10,992	132,735	241.55	263.36	
Jan-13	498	148,705	26,563	122,142	1,047	116.6673	1,120	8,525	157,230	298.61	315.72	
Feb-13	498	151,707	26,563	125,144	974	128.4598	962	(1,566)	150,141	304.63	301.49	
Mar-13	492	123,833	26,563	97,270	884	110.0930	805	(8,645)	115,188	251.69	234.12	
Apr-13	485	74,867	26,563	48,304	427	113.1899	414	(1,444)	73,424	154.37	151.39	
May-13	479	38,578	26,563	12,015	178	67.3597	164	(968)	37,610	80.54	78.52	
Jun-13	475	25,638	25,638	0	21	0.0000	30	0	25,638	53.97	53.97	
Jul-13	470	27,363	27,363	0	4	0.0000	0	0	27,363	58.22	58.22	
Aug-13	466	29,901	26,501	3,400	12	52.2811	16	193	30,094	64.16	64.58	
Sep-13	452	30,929	26,501	4,429	143	31.0408	83	(1,852)	29,077	68.43	64.33	1873.40
Oct-13	450	50,569	26,501	24,068	327	73.5214	350	1,664	52,233	112.37	116.07	1880.43
Nov-13	453	103,788	26,501	77,287	773	99.9996	672	(10,087)	93,700	229.11	206.84	1908.62
Dec-13	461	142,792	26,501	116,291	1,012	114.9270	952	(6,881)	135,911	309.74	294.82	1940.08
Jan-14	461	190,198	26,501	163,697	1,310	124.9446	1,120	(23,759)	166,439	412.58	361.04	1985.39
Feb-14	461	169,059	26,501	142,558	1,114	127.9751	962	(19,446)	149,613	366.72	324.54	2008.44
Mar-14	454	156,725	26,501	130,224	976	133.3780	805	(22,855)	133,870	345.21	294.87	2069.19
Apr-14	444	71,045	26,501	44,544	467	95.4645	414	(5,022)	66,023	160.01	148.70	2066.50
May-14	443	43,235	26,501	16,735	152	109.7693	164	1,267	44,503	97.60	100.46	2088.44
Jun-14	441	32,901	26,501	6,401	14	102.6169	30	1,688	34,589	74.61	78.43	2112.90
Jul-14	437	29,971	29,971	0	10	0.0000	0	0	29,971	68.58	68.58	2123.26
Aug-14	436	31,425	31,425	0	13	0.0000	16	0	31,425	72.07	72.07	2130.76
Sep-14	440	31,552	30,698	854	98	8.6752	83	(134)	31,418	71.71	71.40	2137.83
Oct-14	444	48,633	30,698	17,935	303	59.2442	350	2,800	51,433	109.53	115.84	2137.60
Nov-14	444	102,465	30,698	71,767	759	94.5606	672	(8,222)	94,243	230.78	212.26	2143.02
Dec-14	444	136,845	30,698	106,147	909	116.7441	952	4,993	141,838	308.21	319.46	2167.65
Jan-15	447	170,827	30,698	140,129	1,231	113.8425	1,120	(12,626)	158,201	382.16	353.92	2160.53
Feb-15	447	188,116	30,698	157,419	1,275	123.4588	962	(38,651)	149,465	420.84	334.37	2170.37
Mar-15	445	142,415	30,698	111,717	960	116.3748	805	(18,035)	124,380	326.03	279.50	2155.01
Apr-15	446	62,580	30,698	31,882	403	79.0862	414	860	63,440	140.31	142.24	2148.55
May-15	450	36,639	30,698	5,941	83	71.7508	164	5,826	42,465	81.42	94.37	2142.46
Jun-15	455	30,684	30,684	0	32	0.0000	30	0	30,684	67.44	67.44	2131.46
Jul-15	458	29,406	29,406	0	4	0.0000	0	0	29,406	64.20	64.20	2127.08
Aug-15	459	28,550	28,550	0	6	0.0000	16	0	28,550	62.20	62.20	2117.21
Sep-15	463	27,877	27,877	0	42	0.0000	83	0	27,877	60.21	60.21	2106.01
Oct-15	461	53,537	28,978	24,559	378	64.9922	350	(1,812)	51,725	116.13	112.20	2102.37
Nov-15	459	79,115	28,978	50,137	508	98.6373	672	16,147	95,262	172.36	207.54	2097.66
Dec-15	462	88,815	28,978	59,837	625	95.7736	952	31,340	120,154	192.24	260.07	2038.28
Jan-16	465	156,916	28,978	127,938	1,130	113.2491	1,120	(1,099)	155,817	337.45	335.09	2019.45
Feb-16	467	147,053	28,978	118,075	936	126.1862	962	3,316	150,369	314.89	321.99	2007.06
Mar-16	465	92,982	28,978	64,004	582	110.0268	805	24,567	117,549	199.96	252.79	1980.35
Apr-16	461	61,898	28,978	32,920	468	70.3335	414	(3,802)	58,096	134.27	126.02	1964.13
May-16	462	36,320	28,978	7,342	221	33.2379	164	(1,891)	34,429	78.61	74.52	1944.29
Jun-16	459	26,905	26,905	0	25	0.0000	30	0	26,905	58.62	58.62	1935.47
Jul-16	456	23,100	23,100	0	2	0.0000	0	0	23,100	50.66	50.66	1921.92
Aug-16	458	25,427	25,427	0	3	0.0000	16	0	25,427	55.52	55.52	1915.24
Sep-16	456	27,464	26,166	1,298	53	24.7147	83	753	28,217	60.23	61.88	1916.91
Oct-16	454	46,899	26,166	20,734	324	64.0404	350	1,680	48,580	103.30	107.00	1911.71
Nov-16	457	80,004	26,166	53,838	589	91.4390	672	7,609	87,613	175.06	191.71	1895.88
Dec-16	453	135,276	26,166	109,111	973	112.1842	952	(2,311)	132,965	298.62	293.52	1929.32
Jan-17	453	159,622	26,166	133,457	961	138.8818	1,120	22,091	181,713	352.37	401.13	1995.37
Feb-17	445	118,403	26,166	92,238	719	128.3666	962	31,251	149,654	266.08	336.30	2009.68
Mar-17	443	121,736	26,166	95,570	879	108.6679	805	(8,093)	113,643	274.80	256.53	2013.42
Apr-17	438	53,078	26,166	26,912	264	101.8944	414	15,272	68,350	121.18	156.05	2043.45
May-17	441	36,238	26,166	10,072	205	49.0753	164	(2,024)	34,214	82.17	77.58	2046.51

UGI Utilities, Inc. - Gas Division
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	[1]	[2]	[3] *	[4] = [2] - [3]	[5]	[6] = [4] / [5]	[7]	[8] = ([7] - [5]) * [6]	[9] = [8] + [2]			
Month	Number of Customers	Actual Sales	Base Load	Temp Sensitive Load	Actual DD's	Temp Sensitive Load/DD	Normal DD's	Normalized Sales Adj	Total Normalized Sales	ACT UPC	NORM UPC	12 MO ENDED
Jun-17	445	25,809	25,809	0	33	0.0000	30	0	25,809	58.00	58.00	2045.89
Jul-17	449	24,244	24,244	0	2	0.0000	0	0	24,244	53.99	53.99	2049.23
Aug-17	449	25,276	25,276	0	19	0.0000	16	0	25,276	56.29	56.29	2050.00
Sep-17	453	26,556	24,760	1,796	89	20.0956	83	(128)	26,428	58.62	58.34	2046.46
Oct-17	453	23,203	23,203	0	227	0.0000	350	0	23,203	51.22	51.22	1990.68
Nov-17	452	103,201	24,760	78,441	684	114.6964	672	(1,365)	101,836	228.32	225.30	2024.27
Dec-17	461	129,284	24,760	104,524	1,087	96.1213	952	(13,016)	116,267	280.44	252.21	1982.95
Jan-18	464	167,668	24,760	142,908	1,156	123.6629	1,120	(4,406)	163,262	361.35	351.86	1933.68
Feb-18	464	134,664	24,760	109,904	775	141.8782	962	26,583	161,247	290.22	347.51	1944.89
Mar-18	465	129,004	24,760	104,244	905	115.2347	805	(11,481)	117,524	277.43	252.74	1941.10
Apr-18	470	90,708	24,760	65,948	573	115.1371	414	(18,281)	72,427	193.00	154.10	1939.15
May-18	470	32,541	24,760	7,781	69	113.3932	164	10,815	43,356	69.24	92.25	1953.82
Jun-18	470	26,484	24,760	1,724	29	59.8983	30	73	26,557	56.35	56.50	1952.32
Jul-18	472	26,133	26,133	0	2	0.0000	0	0	26,133	55.37	55.37	1953.69
Aug-18	469	36,084	36,084	0	2	0.0000	16	0	36,084	76.94	76.94	1974.34
Sep-18	462	27,657	27,657	0	61	0.0000	83	0	27,657	59.86	59.86	1975.86
Oct-18	468	52,014	31,109	20,906	370	56.5061	350	(1,128)	50,886	111.14	108.73	2033.37
Nov-18	474	87,334	31,109	56,226	773	72.7750	672	(7,321)	80,013	184.25	168.80	1976.87
Dec-18	482	126,687	31,109	95,579	886	107.8789	952	7,122	133,809	262.84	277.61	2002.28
Jan-19	484	194,677	31,109	163,569	1,146	142.7019	1,120	(3,742)	190,935	402.23	394.49	2044.91
Feb-19	482	166,566	31,109	135,458	904	149.8331	962	8,682	175,248	345.57	363.58	2060.98
Mar-19	477	142,121	31,109	111,013	826	134.4630	805	(2,770)	139,351	297.95	292.14	2100.39
Apr-19	479	70,837	31,109	39,728	319	124.3904	414	11,769	82,606	147.88	172.46	2118.74
May-19	479	52,792	31,109	21,684	121	179.5106	164	7,756	60,548	110.21	126.41	2152.90
Jun-19	476	33,215	31,109	2,107	25	84.6143	30	432	33,647	69.78	70.69	2167.08
Jul-19	474	31,451	31,451	0	1	0.0000	0	0	31,451	66.35	66.35	2178.07
Aug-19	476	34,757	34,757	0	2	0.0000	16	0	34,757	73.02	73.02	2174.15
Sep-19	476	26,167	26,167	0	29	0.0000	83	0	26,167	54.97	54.97	2169.26
Oct-19	476	41,633	33,104	8,528	266	32.0586	350	2,692	44,325	87.46	93.12	2153.65
Nov-19	477	107,387	33,104	74,283	764	97.2720	672	(8,916)	98,471	225.13	206.44	2191.28
Dec-19	476	124,495	33,104	91,390	923	99.0092	952	2,866	127,361	261.54	267.57	2181.23
Jan-20	477	188,914	33,104	155,810	916	170.1670	1,120	34,777	223,691	396.05	468.95	2255.70
Feb-20	477	157,427	33,104	124,322	822	151.2507	962	21,181	178,607	330.04	374.44	2266.55
Mar-20	480	110,910	33,104	77,806	595	130.8602	805	27,536	138,447	231.06	288.43	2262.84
Apr-20	480	84,141	33,104	51,036	488	104.5878	414	(7,737)	76,404	175.29	159.17	2249.56
May-20	478	53,570	33,104	20,465	217	94.2997	164	(5,000)	48,569	112.07	101.61	2224.76
Jun-20	478	37,163	33,104	4,059	13	99.4437	30	1,675	38,838	77.75	81.25	2235.33
Jul-20	474	21,284	21,284	0	0	0.0000	0	0	21,284	44.90	44.90	2213.88
Aug-20	468	26,360	26,360	0	0	0.0000	16	0	26,360	56.32	56.32	2197.18
Sep-20	469	33,885	23,822	10,063	88	114.6175	83	(550)	33,335	72.25	71.08	2213.29
Oct-20	468	53,909	23,822	30,086	309	97.3669	350	3,992	57,901	115.19	123.72	2243.89
Nov-20	466	75,394	23,822	51,572	507	101.7203	672	16,784	92,178	161.79	197.81	2235.26
Dec-20	467	143,204	23,822	119,381	940	127.0016	952	1,524	144,728	306.65	309.91	2277.60
Jan-21	461	182,239	23,822	158,417	1,025	154.5529	1,120	14,683	196,921	395.31	427.16	2235.81
Feb-21	463	168,167	23,822	144,345	969	148.9629	962	(1,043)	167,124	363.21	360.96	2222.33
Mar-21	458	109,638	23,822	85,816	649	132.2285	805	20,628	130,266	239.39	284.42	2218.32
Apr-21	456	74,328	23,822	50,506	388	130.1689	414	3,384	77,712	163.00	170.42	2229.57
May-21	449	43,777	23,822	19,955	204	97.8179	164	(3,913)	39,864	97.50	88.78	2216.74
Jun-21	450	29,594	23,822	5,772	12	113.9934	30	2,052	31,646	65.76	70.32	2205.82
Jul-21	449	30,916	30,916	0	0	0.0000	0	0	30,916	68.86	68.86	2229.77
Aug-21	446	32,165	32,165	0	0	0.0000	16	0	32,165	72.12	72.12	2245.56
Sep-21	441	30,033	30,033	0	53	0.0000	83	0	30,033	68.10	68.10	2242.59

* Baseload is the average of July and August sales

UGI Utilities, Inc. - Gas Division
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	[1] Number of Customers	[2] Budget Sales	[3] Budget UPC
Oct-22	202	111,983	554.4
Nov-22	202	169,340	838.3
Dec-22	202	249,210	1,233.7
Jan-23	202	295,073	1,460.8
Feb-23	202	300,965	1,489.9
Mar-23	202	238,978	1,183.1
Apr-23	202	152,648	755.7
May-23	202	98,092	485.6
Jun-23	202	82,382	407.8
Jul-23	202	71,681	354.9
Aug-23	202	72,064	356.8
Sep-23	202	80,045	396.3
Total			9,517.1

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-6

Request:

If past weather normalized sales or sales trends are used in models or otherwise relied on in reaching sales projections, please provide actual and normalized throughput by month by rate schedule from the beginning of the historic test year and the future test year through the most recent month available and update as additional data become available. Separately identify sales and transportation throughput and provide the work papers which develop normalized sales.

Response:

Please see the response to SDR-RR-5.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-7

Request:

Please provide the work paper developing the Company's FTY load growth adjustment.

Response:

Please see the Direct Testimony of Sherry A. Epler, UGI Gas Statement No. 8.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-8

Request:

Please provide a complete copy of the computer output generated by the Company's statistical analysis package for all residential, commercial, public authority and industrial econometric models of gas demand estimated by the Company, but not presented in the filing.

Response:

None.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-9

Request:

Identify the historical data source(s) for each dependent and independent variable utilized to develop the econometric models of gas demands for each forecasted customer group.

Response:

The variables noted below were utilized for the development of normalized and annualized usage for the Residential Heating ("RH") and Commercial Heating ("CH") customer groups, except as noted. Budgeting representing normalized and annualized usage was performed on an individual customer basis for Rate DS, Rate LFD, Rate XD and Rate IS by UGI Marketing personnel, with the exception of any new customer additions or losses for Rates LFD, XD and IS. The RH customer group is comprised of heating customers within Rates R and RT and the CH customer group is comprised of heating customers within Rates N, NT and DS.

- (1) Monthly Sales – Monthly sales is a dependent variable in the econometric model. These sales are expressed in the form of use per customer which are developed from reported monthly sales and customer counts.
- (2) Monthly Customers – Customers is an independent variable. Reported end of month customer counts are used in conjunction with monthly sales to develop use per customer.
- (3) Monthly Heating Degree Days – Actual monthly Heating Degree Days (“HDD”) is an independent variable. HDD are calculated on a 65 degree Fahrenheit temperature base using the daily average temperature of a Gas Day and then summed by month to arrive at the Monthly Heating Degree Days. Each Gas Day is based upon the North American Standards Board definition of a Gas Day which encompasses the 24 hour period from 10:00 a.m. to 10:00 a.m. The recording locations for temperature weather data used to calculate HDD for UGI Gas are the NOAA recording stations at: Wilkes-Barre/Scranton, PA (KAVP); Allentown, PA (KABE); Reading, PA (KRDG); Lancaster, PA (KLNS); Harrisburg, PA (KMDT), Altoona, PA (KAOO), Clearfield, PA (KFIG), and Bradford, PA (KBFD). Weighting of stations is based on historical throughput within geographic delivery regions to produce a composite HDD combined value.

UGI Utilities, Inc. - Gas Division
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SDR-RR-9 (Continued)

- (4) Lagged Monthly Heating Degree Days – Monthly Heating Degree Days lagged by one month.
- (5) Weighted Time Trend – Weighted Time Trend is an independent variable. This variable captures trends in customer usage which include both known and unknown factors such as structural conservation related to more efficient building envelop construction, regular cycle appliance change-outs to more efficient units, upgrades to more efficient units, installation of energy conservation measures such as set-back thermostats and manual consumer behavior changes such as lowering thermostat settings in response to higher energy prices. This numeric variable represents the passage of time by assigning each monthly time period a sequential numeric value. This variable is weighted by the HDD variable in order to capture trend impacts during associated heating use periods. This variable is used for the RH group forecasting (Rates R and RT) but is excluded for the CH group forecasting (including Rates N, NT and DS).

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
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SDR-RR-10

Request:

Identify the source(s) and supporting documentation for the FTY value of each independent variable which required forecasting in the Company's gas demand models.

Response:

- (1) Monthly Customers – Monthly customer counts utilized are produced by a Marketing department forecast through the Fully Projected Future Test Year. Attachment SDR-RR-11 provides the supporting data.
- (2) Monthly Heating Degree Days – Normal Monthly Heating Degree Days (“HDD”) are utilized for forecasting. UGI Gas utilizes a 15 year Normal HDD which is based on officially recorded daily temperatures (on a Gas Day basis) over the period January 1, 2005 to December 31, 2019. The Normal HDD are recalculated every 5 years with the most recent 15 years of HDD data. The actual system HDD is calculated using temperature data as identified in SDR-RR-9. Please see the Direct Testimony of Sherry A. Epler, UGI Gas Statement No. 8, UGI Gas Exhibit SAE-2 for HDD values.
- (3) Lagged Monthly Heating Degree Days – Lagged Monthly Heating Degree Days are equal to the Monthly Heating Degree Days and are representative of the prior month’s Heating Degree Days.
- (4) Weighted Time Trend – The Weighted Time Trend variable is sequenced a unit value of 1 each month through the regression period and forecast based on a continuation of that same sequence for each forecast month (e.g., 100, 101, 102, etc.). A weighting of the time trend is accomplished by multiplying the trend value by the applicable monthly HDD value and dividing that product by a value of 10,000 in order to normalize to a smaller sequential value for display. This variable is used for the RH group forecasting (Rates R and RT) but is excluded for the CH group forecasting (including Rates N, NT and DS).

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-11

Request:

Please provide in hard copy and on a computer diskette in Lotus 1-2-3, QuattroPro or other spreadsheet format, the dependent and independent variable databases relied upon to produce the Company's gas demand models. For variables based on averages, include the observations which comprise the average (e.g., gas prices).

Response:

Please see Attachments SDR-RR-11(a) and SDR-RR-11(b) which have been provided in electronic (Excel) format on USB flash drive.

Prepared by or under the supervision of: Sherry A. Epler

	ACT DD	Norm DD	HDD		HDD		ACT UPC		
	Calendar	Calendar	HDDm-1	HDDm	Weighted	Trend	RH Including R, RT		
Oct-03	455	350	72	455		5	100	Oct-03	7.0078
Nov-03	574	672	455	574		6	101	Nov-03	8.8608
Dec-03	999	952	574	999		10	102	Dec-03	16.3404
Jan-04	1,357	1,120	999	1,357		14	103	Jan-04	22.1849
Feb-04	983	962	1,357	983		10	104	Feb-04	17.8820
Mar-04	736	805	983	736		8	105	Mar-04	13.1415
Apr-04	438	414	736	438		5	106	Apr-04	8.3402
May-04	97	164	438	97		1	107	May-04	3.1629
Jun-04	52	30	97	52		1	108	Jun-04	2.0297
Jul-04	1	0	52	1		0	109	Jul-04	1.8865
Aug-04	21	16	1	21		0	110	Aug-04	1.7963
Sep-04	59	83	21	59		1	111	Sep-04	2.1874
Oct-04	416	350	59	416		5	112	Oct-04	6.0720
Nov-04	627	672	416	627		7	113	Nov-04	9.1489
Dec-04	1,005	952	627	1,005		11	114	Dec-04	14.4608
Jan-05	1,217	1,120	1,005	1,217		14	115	Jan-05	19.6478
Feb-05	939	962	1,217	939		11	116	Feb-05	16.1939
Mar-05	942	805	939	942		11	117	Mar-05	15.5327
Apr-05	377	414	942	377		4	118	Apr-05	7.6649
May-05	268	164	377	268		3	119	May-05	4.8790
Jun-05	16	30	268	16		0	120	Jun-05	1.6443
Jul-05	0	0	16	0		0	121	Jul-05	1.6803
Aug-05	1	16	0	1		0	122	Aug-05	1.6073
Sep-05	35	83	1	35		0	123	Sep-05	1.9401
Oct-05	351	350	35	351		4	124	Oct-05	5.0649
Nov-05	600	672	351	600		7	125	Nov-05	8.6734
Dec-05	1,121	952	600	1,121		14	126	Dec-05	16.9942
Jan-06	890	1,120	1,121	890		11	127	Jan-06	13.7720
Feb-06	945	962	890	945		12	128	Feb-06	14.7974
Mar-06	775	805	945	775		10	129	Mar-06	12.3302
Apr-06	390	414	775	390		5	130	Apr-06	6.3882
May-06	184	164	390	184		2	131	May-06	3.2140
Jun-06	44	30	184	44		1	132	Jun-06	1.9441
Jul-06	1	0	44	1		0	133	Jul-06	1.7662
Aug-06	5	16	1	5		0	134	Aug-06	1.4000
Sep-06	123	83	5	123		2	135	Sep-06	2.1943
Oct-06	428	350	123	428		6	136	Oct-06	5.8159
Nov-06	552	672	428	552		8	137	Nov-06	7.7014
Dec-06	813	952	552	813		11	138	Dec-06	11.7598
Jan-07	997	1,120	813	997		14	139	Jan-07	15.3550
Feb-07	1,178	962	997	1,178		16	140	Feb-07	18.6573
Mar-07	824	805	1,178	824		12	141	Mar-07	13.2498
Apr-07	552	414	824	552		8	142	Apr-07	9.2433
May-07	142	164	552	142		2	143	May-07	3.1365
Jun-07	23	30	142	23		0	144	Jun-07	1.8097
Jul-07	13	0	23	13		0	145	Jul-07	1.6447
Aug-07	22	16	13	22		0	146	Aug-07	1.5832
Sep-07	72	83	22	72		1	147	Sep-07	1.9153
Oct-07	222	350	72	222		3	148	Oct-07	3.2246
Nov-07	739	672	222	739		11	149	Nov-07	10.2518
Dec-07	1,006	952	739	1,006		15	150	Dec-07	14.8739
Jan-08	1,051	1,120	1,006	1,051		16	151	Jan-08	16.0378
Feb-08	975	962	1,051	975		15	152	Feb-08	15.4134
Mar-08	819	805	975	819		13	153	Mar-08	12.6722
Apr-08	371	414	819	371		6	154	Apr-08	5.8446
May-08	275	164	371	275		4	155	May-08	4.0351
Jun-08	18	30	275	18		0	156	Jun-08	1.8891
Jul-08	0	0	18	0		0	157	Jul-08	1.5136
Aug-08	14	16	0	14		0	158	Aug-08	1.4545
Sep-08	80	83	14	80		1	159	Sep-08	1.8618
Oct-08	468	350	80	468		7	160	Oct-08	5.7327
Nov-08	721	672	468	721		12	161	Nov-08	9.4655

	ACT DD	Norm DD	HDD		Trend		ACT UPC		
	Calendar	Calendar	HDDm-1	HDDm	Weighted	Trend	RH Including R, RT		
Dec-08	1,016	952	721	1,016		16	162	Dec-08	14.6975
Jan-09	1,292	1,120	1,016	1,292		21	163	Jan-09	19.7082
Feb-09	927	962	1,292	927		15	164	Feb-09	13.8864
Mar-09	774	805	927	774		13	165	Mar-09	11.7429
Apr-09	419	414	774	419		7	166	Apr-09	6.6560
May-09	179	164	419	179		3	167	May-09	3.1389
Jun-09	41	30	179	41		1	168	Jun-09	2.1056
Jul-09	15	0	41	15		0	169	Jul-09	1.5645
Aug-09	16	16	15	16		0	170	Aug-09	1.3998
Sep-09	118	83	16	118		2	171	Sep-09	2.1393
Oct-09	440	350	118	440		8	172	Oct-09	5.2306
Nov-09	571	672	440	571		10	173	Nov-09	6.9136
Dec-09	1,055	952	571	1,055		18	174	Dec-09	15.0812
Jan-10	1,157	1,120	1,055	1,157		20	175	Jan-10	17.3565
Feb-10	1,014	962	1,157	1,014		18	176	Feb-10	15.1844
Mar-10	627	805	1,014	627		11	177	Mar-10	9.2957
Apr-10	325	414	627	325		6	178	Apr-10	4.7929
May-10	153	164	325	153		3	179	May-10	2.9903
Jun-10	25	30	153	25		0	180	Jun-10	1.8194
Jul-10	4	0	25	4		0	181	Jul-10	1.5217
Aug-10	7	16	4	7		0	182	Aug-10	1.3849
Sep-10	67	83	7	67		1	183	Sep-10	1.7551
Oct-10	383	350	67	383		7	184	Oct-10	4.1760
Nov-10	669	672	383	669		12	185	Nov-10	8.6331
Dec-10	1,162	952	669	1,162		22	186	Dec-10	16.8751
Jan-11	1,251	1,120	1,162	1,251		23	187	Jan-11	18.3738
Feb-11	955	962	1,251	955		18	188	Feb-11	14.4647
Mar-11	836	805	955	836		16	189	Mar-11	12.6837
Apr-11	414	414	836	414		8	190	Apr-11	6.4427
May-11	125	164	414	125		2	191	May-11	3.0152
Jun-11	21	30	125	21		0	192	Jun-11	1.7951
Jul-11	1	0	21	1		0	193	Jul-11	1.7186
Aug-11	10	16	1	10		0	194	Aug-11	1.5592
Sep-11	74	83	10	74		1	195	Sep-11	2.1090
Oct-11	400	350	74	400		8	196	Oct-11	5.2986
Nov-11	559	672	400	559		11	197	Nov-11	7.3983
Dec-11	843	952	559	843		17	198	Dec-11	12.0499
Jan-12	1,002	1,120	843	1,002		20	199	Jan-12	15.2441
Feb-12	814	962	1,002	814		16	200	Feb-12	12.2557
Mar-12	487	805	814	487		10	201	Mar-12	6.8059
Apr-12	437	414	487	437		9	202	Apr-12	6.2599
May-12	73	164	437	73		1	203	May-12	2.0733
Jun-12	39	30	73	39		1	204	Jun-12	1.8285
Jul-12	1	0	39	1		0	205	Jul-12	1.4190
Aug-12	7	16	1	7		0	206	Aug-12	1.3744
Sep-12	110	83	7	110		2	207	Sep-12	2.2875
Oct-12	335	350	110	335		7	208	Oct-12	4.0937
Nov-12	785	672	335	785		16	209	Nov-12	11.5970
Dec-12	853	952	785	853		18	210	Dec-12	11.8956
Jan-13	1,047	1,120	853	1,047		22	211	Jan-13	16.1991
Feb-13	974	962	1,047	974		21	212	Feb-13	14.4516
Mar-13	884	805	974	884		19	213	Mar-13	13.1916
Apr-13	427	414	884	427		9	214	Apr-13	5.1652
May-13	178	164	427	178		4	215	May-13	2.9772
Jun-13	21	30	178	21		0	216	Jun-13	1.7263
Jul-13	4	0	21	4		0	217	Jul-13	1.7976
Aug-13	12	16	4	12		0	218	Aug-13	1.6637
Sep-13	143	83	12	143		3	219	Sep-13	2.5655
Oct-13	327	350	143	327		7	220	Oct-13	4.4169
Nov-13	773	672	327	773		17	221	Nov-13	11.1280
Dec-13	1,012	952	773	1,012		22	222	Dec-13	14.5324
Jan-14	1,310	1,120	1,012	1,310		29	223	Jan-14	20.3868

	ACT DD	Norm DD	HDD		HDD		ACT UPC		
	Calendar	Calendar	HDDm-1	HDDm	Weighted	Trend	RH Including R, RT		
Feb-14	1,114	962	1,310	1,114		25	224	Feb-14	16.2831
Mar-14	976	805	1,114	976		22	225	Mar-14	14.2483
Apr-14	467	414	976	467		11	226	Apr-14	6.5384
May-14	152	164	467	152		3	227	May-14	2.5752
Jun-14	14	30	152	14		0	228	Jun-14	1.6773
Jul-14	10	0	14	10		0	229	Jul-14	1.4405
Aug-14	13	16	10	13		0	230	Aug-14	1.4523
Sep-14	98	83	13	98		2	231	Sep-14	2.9907
Oct-14	303	350	98	303		7	232	Oct-14	3.7460
Nov-14	759	672	303	759		18	233	Nov-14	11.3022
Dec-14	909	952	759	909		21	234	Dec-14	12.9348
Jan-15	1,231	1,120	909	1,231		29	235	Jan-15	19.4205
Feb-15	1,275	962	1,231	1,275		30	236	Feb-15	19.7387
Mar-15	960	805	1,275	960		23	237	Mar-15	13.9637
Apr-15	403	414	960	403		10	238	Apr-15	6.1430
May-15	83	164	403	83		2	239	May-15	2.3679
Jun-15	32	30	83	32		1	240	Jun-15	1.9294
Jul-15	4	0	32	4		0	241	Jul-15	1.6046
Aug-15	6	16	4	6		0	242	Aug-15	1.6193
Sep-15	42	83	6	42		1	243	Sep-15	1.8298
Oct-15	378	350	42	378		9	244	Oct-15	5.0175
Nov-15	508	672	378	508		12	245	Nov-15	7.0053
Dec-15	625	952	508	625		15	246	Dec-15	8.5739
Jan-16	1,130	1,120	625	1,130		28	247	Jan-16	17.7713
Feb-16	936	962	1,130	936		23	248	Feb-16	13.9226
Mar-16	582	805	936	582		14	249	Mar-16	8.8177
Apr-16	468	414	582	468		12	250	Apr-16	6.8525
May-16	221	164	468	221		6	251	May-16	3.3426
Jun-16	25	30	221	25		1	252	Jun-16	2.0974
Jul-16	2	0	25	2		0	253	Jul-16	1.4873
Aug-16	3	16	2	3		0	254	Aug-16	1.2610
Sep-16	53	83	3	53		1	255	Sep-16	1.5356
Oct-16	324	350	53	324		8	256	Oct-16	4.3445
Nov-16	589	672	324	589		15	257	Nov-16	8.4619
Dec-16	973	952	589	973		25	258	Dec-16	14.7413
Jan-17	961	1,120	973	961		25	259	Jan-17	14.2207
Feb-17	719	962	961	719		19	260	Feb-17	11.1925
Mar-17	879	805	719	879		23	261	Mar-17	14.0474
Apr-17	264	414	879	264		7	262	Apr-17	3.9713
May-17	205	164	264	205		5	263	May-17	3.4362
Jun-17	33	30	205	33		1	264	Jun-17	2.0802
Jul-17	2	0	33	2		0	265	Jul-17	1.3968
Aug-17	19	16	2	19		1	266	Aug-17	0.9624
Sep-17	89	83	19	89		2	267	Sep-17	2.7446
Oct-17	227	350	89	227		6	268	Oct-17	3.2986
Nov-17	684	672	227	684		18	269	Nov-17	9.7528
Dec-17	1,087	952	684	1,087		29	270	Dec-17	17.2301
Jan-18	1,156	1,120	1,087	1,156		31	271	Jan-18	18.6779
Feb-18	775	962	1,156	775		21	272	Feb-18	12.1111
Mar-18	905	805	775	905		25	273	Mar-18	13.4365
Apr-18	573	414	905	573		16	274	Apr-18	8.5018
May-18	69	164	573	69		2	275	May-18	2.0102
Jun-18	29	30	69	29		1	276	Jun-18	1.6869
Jul-18	2	0	29	2		0	277	Jul-18	1.2628
Aug-18	2	16	2	2		0	278	Aug-18	1.2259
Sep-18	61	83	2	61		2	279	Sep-18	1.6162
Oct-18	370	350	0	370		10	280	Oct-18	5.0938
Nov-18	773	672	370	773		19	281	Nov-18	11.9798
Dec-18	886	952	773	886		27	282	Dec-18	13.5075
Jan-19	1,146	1,120	886	1,146		32	283	Jan-19	17.7587
Feb-19	904	962	1,146	904		27	284	Feb-19	15.0184
Mar-19	826	805	904	826		23	285	Mar-19	12.2318

	ACT DD	Norm DD	HDD		HDD		ACT UPC	
	Calendar	Calendar	HDDm-1	HDDm	Weighted Trend	Trend	RH Including R, RT	
Apr-19	319	414	826	319	12	286	Apr-19	4.9289
May-19	121	164	319	121	5	287	May-19	2.7642
Jun-19	25	30	121	25	1	288	Jun-19	1.5825
Jul-19	1	0	25	1	0	289	Jul-19	1.3417
Aug-19	2	16	1	2	0	290	Aug-19	1.2637
Sep-19	29	83	2	29	2	291	Sep-19	1.7561
Oct-19	266	350	29	266	10	292	Oct-19	3.5555
Nov-19	764	672	266	764	20	293	Nov-19	10.7182
Dec-19	923	952	764	923	28	294	Dec-19	15.8451
Jan-20	916	1,120	923	916	33	295	Jan-20	14.3414
Feb-20	822	962	916	822	28	296	Feb-20	11.8640
Mar-20	595	805	822	595	24	297	Mar-20	8.6380
Apr-20	488	414	595	488	12	298	Apr-20	8.0616
May-20	217	164	488	217	5	299	May-20	3.8595
Jun-20	13	30	217	13	1	300	Jun-20	1.8594
Jul-20	0	0	13	0	0	301	Jul-20	1.5679
Aug-20	0	16	0	0	0	302	Aug-20	1.0233
Sep-20	88	83	0	88	3	303	Sep-20	1.7502
Oct-20	309	350	88	309	11	304	Oct-20	3.8042
Nov-20	507	672	309	507	20	305	Nov-20	8.9469
Dec-20	940	952	507	940	29	306	Dec-20	13.1806
Jan-21	1,025	1120	940	1,025	34	307	Jan-21	16.2484
Feb-21	969	962	1,025	969	30	308	Feb-21	15.3074
Mar-21	649	805	969	649	25	309	Mar-21	10.2549
Apr-21	388	414	649	388	13	310	Apr-21	5.8394
May-21	204	164	388	204	5	311	May-21	3.1482
Jun-21	12	30	204	12	1	312	Jun-21	1.5248
Jul-21	0	0	12	0	0	313	Jul-21	1.4794
Aug-21	0	16	0	0	1	314	Aug-21	1.4322
Sep-21	53	83	0	53	3	315	Sep-21	1.3694
Oct-21		350	53	0	11	316		
Nov-21		672	0	0	21	317		
Dec-21		952	0	0	30	318		
Jan-22		1120	0	0	36	319		
Feb-22		962	0	0	31	320		
Mar-22		805	0	0	26	321		
Apr-22		414	0	0	13	322		
May-22		164	0	0	5	323		
Jun-22		30	0	0	1	324		
Jul-22		0	0	0	0	325		
Aug-22		16	0	0	1	326		
Sep-22		83	0	0	3	327		
Oct-22		350	0	0	11	328		
Nov-22		672	0	0	22	329		
Dec-22		952	0	0	31	330		
Jan-23		1120	0	0	37	331		
Feb-23		962	0	0	32	332		
Mar-23		805	0	0	27	333		
Apr-23		414	0	0	14	334		
May-23		164	0	0	5	335		
Jun-23		30	0	0	1	336		
Jul-23		0	0	0	0	337		
Aug-23		16	0	0	1	338		
Sep-23		83	0	0	3	339		
Oct-23		350	0	0	12	340		
Nov-23		672	0	0	23	341		
Dec-23		952	0	0	33	342		
Jan-24		1120	0	0	38	343		
Feb-24		962	0	0	33	344		
Mar-24		805	0	0	28	345		

Regression Results:	0.855492 Constant
	0.000832 HDD-1
	0.013967 HDD
	-0.02549 Trend

	Normal Degree Days (HDD)	Normal Degree Days for Prior Month (HDD-1)	HDD Weighted Trend		1 Month UPC	12 Months Ended UPC
Oct-03	350	83	4		5.7237	
Nov-03	672	350	7		10.3593	
Dec-03	952	672	10		14.4634	
Jan-04	1,120	952	12		16.9963	
Feb-04	962	1,120	10		14.9684	
Mar-04	805	962	8		12.6837	
Apr-04	414	805	4		7.1957	
May-04	164	414	2		3.4458	
Jun-04	30	164	0		1.4027	
Jul-04	0	30	0		0.8805	
Aug-04	16	0	0		1.0745	
Sep-04	83	16	1	FY04	2.0046	91.1984
Oct-04	350	83	4		5.7130	91.1877
Nov-04	672	350	8		10.3387	91.1671
Dec-04	952	672	11		14.4343	91.1380
Jan-05	1,120	952	13		16.9620	91.1037
Feb-05	962	1,120	11		14.9389	91.0743
Mar-05	805	962	9		12.6591	91.0497
Apr-05	414	805	5		7.1830	91.0370
May-05	164	414	2		3.4408	91.0320
Jun-05	30	164	0		1.4018	91.0311
Jul-05	0	30	0		0.8805	91.0311
Aug-05	16	0	0		1.0740	91.0306
Sep-05	83	16	1	FY05	2.0020	91.0281
Oct-05	350	83	4		5.7022	91.0174
Nov-05	672	350	8		10.3182	90.9968
Dec-05	952	672	12		14.4052	90.9677
Jan-06	1,120	952	14		16.9277	90.9334
Feb-06	962	1,120	12		14.9095	90.9040
Mar-06	805	962	10		12.6345	90.8794
Apr-06	414	805	5		7.1704	90.8667
May-06	164	414	2		3.4358	90.8617
Jun-06	30	164	0		1.4009	90.8608
Jul-06	0	30	0		0.8805	90.8608
Aug-06	16	0	0		1.0735	90.8603
Sep-06	83	16	1	FY06	1.9995	90.8578
Oct-06	350	83	5		5.6915	90.8471
Nov-06	672	350	9		10.2976	90.8265
Dec-06	952	672	13		14.3760	90.7974
Jan-07	1,120	952	16		16.8935	90.7631
Feb-07	962	1,120	13		14.8801	90.7337
Mar-07	805	962	11		12.6098	90.7091
Apr-07	414	805	6		7.1577	90.6964
May-07	164	414	2		3.4308	90.6914
Jun-07	30	164	0		1.4000	90.6905
Jul-07	0	30	0		0.8805	90.6905
Aug-07	16	0	0		1.0730	90.6900
Sep-07	83	16	1	FY 07	1.9969	90.6874
Oct-07	350	83	5		5.6808	90.6767
Nov-07	672	350	10		10.2771	90.6562
Dec-07	952	672	14		14.3469	90.6271
Jan-08	1,120	952	17		16.8592	90.5928
Feb-08	962	1,120	15		14.8507	90.5634
Mar-08	805	962	12		12.5852	90.5388
Apr-08	414	805	6		7.1451	90.5261
May-08	164	414	3		3.4257	90.5211
Jun-08	30	164	0		1.3990	90.5202
Jul-08	0	30	0		0.8805	90.5202
Aug-08	16	0	0		1.0725	90.5197
Sep-08	83	16	1	FY 08	1.9944	90.5171
Oct-08	350	83	6		5.6701	90.5064
Nov-08	672	350	11		10.2565	90.4859
Dec-08	952	672	15		14.3178	90.4568

Regression Results:	0.855492 Constant
	0.000832 HDD-1
	0.013967 HDD
	-0.02549 Trend

	Normal Degree Days (HDD)	Normal Degree Days for Prior Month (HDD-1)	HDD Weighted Trend		1 Month UPC	12 Months Ended UPC
Jan-09	1,120	952	18		16.8250	90.4225
Feb-09	962	1,120	16		14.8212	90.3931
Mar-09	805	962	13		12.5606	90.3685
Apr-09	414	805	7		7.1324	90.3558
May-09	164	414	3		3.4207	90.3508
Jun-09	30	164	1		1.3981	90.3499
Jul-09	0	30	0		0.8805	90.3499
Aug-09	16	0	0		1.0720	90.3494
Sep-09	83	16	1	FY 09	1.9919	90.3468
Oct-09	350	83	6		5.6594	90.3361
Nov-09	672	350	12		10.2360	90.3156
Dec-09	952	672	17		14.2887	90.2865
Jan-10	1,120	952	20		16.7907	90.2522
Feb-10	962	1,120	17		14.7918	90.2228
Mar-10	805	962	14		12.5360	90.1981
Apr-10	414	805	7		7.1197	90.1855
May-10	164	414	3		3.4157	90.1805
Jun-10	30	164	1		1.3972	90.1796
Jul-10	0	30	0		0.8805	90.1796
Aug-10	16	0	0		1.0715	90.1791
Sep-10	83	16	2	FY 10	1.9893	90.1765
Oct-10	350	83	6		5.6487	90.1658
Nov-10	672	350	12		10.2154	90.1453
Dec-10	952	672	18		14.2596	90.1161
Jan-11	1,120	952	21		16.7565	90.0819
Feb-11	962	1,120	18		14.7624	90.0525
Mar-11	805	962	15		12.5113	90.0278
Apr-11	414	805	8		7.1071	90.0152
May-11	164	414	3		3.4107	90.0102
Jun-11	30	164	1		1.3963	90.0092
Jul-11	0	30	0		0.8805	90.0092
Aug-11	16	0	0		1.0710	90.0088
Sep-11	83	16	2	FY 11	1.9868	90.0062
Oct-11	350	83	7		5.6380	89.9955
Nov-11	672	350	13		10.1949	89.9750
Dec-11	952	672	19		14.2304	89.9458
Jan-12	1,120	952	22		16.7222	89.9116
Feb-12	962	1,120	19		14.7330	89.8822
Mar-12	805	962	16		12.4867	89.8575
Apr-12	414	805	8		7.0944	89.8449
May-12	164	414	3		3.4057	89.8399
Jun-12	30	164	1		1.3954	89.8389
Jul-12	0	30	0		0.8805	89.8389
Aug-12	16	0	0		1.0706	89.8384
Sep-12	83	16	2	FY 12	1.9842	89.8359
Oct-12	350	83	7		5.6273	89.8252
Nov-12	672	350	14		10.1743	89.8046
Dec-12	952	672	20		14.2013	89.7755
Jan-13	1,120	952	24		16.6879	89.7413
Feb-13	962	1,120	20		14.7035	89.7118
Mar-13	805	962	17		12.4621	89.6872
Apr-13	414	805	9		7.0817	89.6746
May-13	164	414	4		3.4007	89.6695
Jun-13	30	164	1		1.3944	89.6686
Jul-13	0	30	0		0.8805	89.6686
Aug-13	16	0	0		1.0701	89.6681
Sep-13	83	16	2	FY 13	1.9817	89.6656
Oct-13	350	83	8		5.6166	89.6549
Nov-13	672	350	15		10.1538	89.6343
Dec-13	952	672	21		14.1722	89.6052
Jan-14	1,120	952	25		16.6537	89.5710
Feb-14	962	1,120	22		14.6741	89.5415
Mar-14	805	962	18		12.4375	89.5169

Regression Results:	0.855492 Constant
	0.000832 HDD-1
	0.013967 HDD
	-0.02549 Trend

	Normal Degree Days (HDD)	Normal Degree Days for Prior Month (HDD-1)	HDD Weighted Trend		1 Month UPC	12 Months Ended UPC
Apr-14	414	805	9		7.0691	89.5043
May-14	164	414	4		3.3956	89.4992
Jun-14	30	164	1		1.3935	89.4983
Jul-14	0	30	0		0.8805	89.4983
Aug-14	16	0	0		1.0696	89.4978
Sep-14	83	16	2	FY 14	1.9792	89.4953
Oct-14	350	83	8		5.6059	89.4846
Nov-14	672	350	16		10.1332	89.4640
Dec-14	952	672	22		14.1431	89.4349
Jan-15	1,120	952	26		16.6194	89.4007
Feb-15	962	1,120	23		14.6447	89.3712
Mar-15	805	962	19		12.4129	89.3466
Apr-15	414	805	10		7.0564	89.3339
May-15	164	414	4		3.3906	89.3289
Jun-15	30	164	1		1.3926	89.3280
Jul-15	0	30	0		0.8805	89.3280
Aug-15	16	0	0		1.0691	89.3275
Sep-15	83	16	2	FY 15	1.9766	89.3250
Oct-15	350	83	9		5.5952	89.3143
Nov-15	672	350	16		10.1126	89.2937
Dec-15	952	672	23		14.1140	89.2646
Jan-16	1,120	952	28		16.5852	89.2303
Feb-16	962	1,120	24		14.6153	89.2009
Mar-16	805	962	20		12.3882	89.1763
Apr-16	414	805	10		7.0437	89.1636
May-16	164	414	4		3.3856	89.1586
Jun-16	30	164	1		1.3917	89.1577
Jul-16	0	30	0		0.8805	89.1577
Aug-16	16	0	0		1.0686	89.1572
Sep-16	83	16	2	FY 16	1.9741	89.1547
Oct-16	350	83	9		5.5845	89.1440
Nov-16	672	350	17		10.0921	89.1234
Dec-16	952	672	25		14.0849	89.0943
Jan-17	1,120	952	29		16.5509	89.0600
Feb-17	962	1,120	25		14.5858	89.0306
Mar-17	805	962	21		12.3636	89.0060
Apr-17	414	805	11		7.0311	88.9933
May-17	164	414	4		3.3806	88.9883
Jun-17	30	164	1		1.3908	88.9874
Jul-17	0	30	0		0.8805	88.9874
Aug-17	16	0	0		1.0681	88.9869
Sep-17	83	16	2	FY 17	1.9715	88.9844
Oct-17	350	83	9		5.5738	88.9737
Nov-17	672	350	18		10.0715	88.9531
Dec-17	952	672	26		14.0557	88.9240
Jan-18	1,120	952	30		16.5167	88.8897
Feb-18	962	1,120	26		14.5564	88.8603
Mar-18	805	962	22		12.3390	88.8357
Apr-18	414	805	11		7.0184	88.8230
May-18	164	414	5		3.3756	88.8180
Jun-18	30	164	1		1.3899	88.8171
Jul-18	0	30	0		0.8805	88.8171
Aug-18	16	0	0		1.0676	88.8166
Sep-18	83	16	2	FY 18	1.9690	88.8141
Oct-18	350	83	10		5.5631	88.8034
Nov-18	672	350	19		10.0510	88.7828
Dec-18	952	672	27		14.0266	88.7537
Jan-19	1,120	952	32		16.4824	88.7194
Feb-19	962	1,120	27		14.5270	88.6900
Mar-19	805	962	23		12.3144	88.6654
Apr-19	414	805	12		7.0058	88.6527

Regression Results:	0.855492 Constant
	0.000832 HDD-1
	0.013967 HDD
	-0.02549 Trend

	Normal Degree Days (HDD)	Normal Degree Days for Prior Month (HDD-1)	HDD Weighted Trend		1 Month UPC	12 Months Ended UPC
May-19	164	414	5		3.3706	88.6477
Jun-19	30	164	1		1.3889	88.6468
Jul-19	0	30	0		0.8805	88.6468
Aug-19	16	0	0		1.0671	88.6463
Sep-19	83	16	2	FY 19	1.9665	88.6437
Oct-19	350	83	10		5.5524	88.6330
Nov-19	672	350	20		10.0304	88.6125
Dec-19	952	672	28		13.9975	88.5834
Jan-20	1,120	952	33		16.4481	88.5491
Feb-20	962	1,120	28		14.4976	88.5197
Mar-20	805	962	24		12.2897	88.4951
Apr-20	414	805	12		6.9931	88.4824
May-20	164	414	5		3.3655	88.4774
Jun-20	30	164	1		1.3880	88.4765
Jul-20	0	30	0		0.8805	88.4765
Aug-20	16	0	0		1.0666	88.4760
Sep-20	83	16	3	FY 20	1.9639	88.4734
Oct-20	350	83	11		5.5417	88.4627
Nov-20	672	350	20		10.0099	88.4422
Dec-20	952	672	29		13.9684	88.4131
Jan-21	1,120	952	34		16.4139	88.3788
Feb-21	962	1,120	30		14.4682	88.3494
Mar-21	805	962	25		12.2651	88.3248
Apr-21	414	805	13		6.9804	88.3121
May-21	164	414	5		3.3605	88.3071
Jun-21	30	164	1		1.3871	88.3062
Jul-21	0	30	0		0.8805	88.3062
Aug-21	16	0	1		1.0662	88.3057
Sep-21	83	16	3	FY 21	1.9614	88.3031
Oct-21	350	83	11		5.5310	88.2924
Nov-21	672	350	21		9.9893	88.2719
Dec-21	952	672	30		13.9393	88.2428
Jan-22	1,120	952	36		16.3796	88.2085
Feb-22	962	1,120	31		14.4387	88.1791
Mar-22	805	962	26		12.2405	88.1544
Apr-22	414	805	13		6.9678	88.1418
May-22	164	414	5		3.3555	88.1368
Jun-22	30	164	1		1.3862	88.1359
Jul-22	0	30	0		0.8805	88.1359
Aug-22	16	0	1		1.0657	88.1354
Sep-22	83	16	3	FY 22	1.9589	88.1328
Oct-22	350	83	11		5.5203	88.1221
Nov-22	672	350	22		9.9688	88.1016
Dec-22	952	672	31		13.9101	88.0724
Jan-23	1,120	952	37		16.3454	88.0382
Feb-23	962	1,120	32		14.4093	88.0088
Mar-23	805	962	27		12.2159	87.9841
Apr-23	414	805	14		6.9551	87.9715
May-23	164	414	5		3.3505	87.9665
Jun-23	30	164	1		1.3853	87.9655
Jul-23	0	30	0		0.8805	87.9655
Aug-23	16	0	1		1.0652	87.9651
Sep-23	83	16	3	FY 23	1.9563	87.9625
Oct-23	350	83	12		5.5095	87.9518
Nov-23	672	350	23		9.9482	87.9313
Dec-23	952	672	33		13.8810	87.9021
Jan-24	1,120	952	38		16.3111	87.8679
Feb-24	962	1,120	33		14.3799	87.8385
Mar-24	805	962	28		12.1912	87.8138

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.991216961
R Square	0.982511063
Adjusted R Square	0.982263578
Standard Error	0.779603512
Observations	216

<i>ANOVA</i>					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	3	7238.648193	2412.882731	3969.982949	6.2484E-186
Residual	212	128.8497068	0.607781636		
Total	215	7367.4979			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	0.855492263	0.082024608	10.42970258	7.99903E-21	0.69380396	1.017180565	0.69380396	1.017180565
X Variable 1	0.000832173	0.00022623	3.678435247	0.00029753	0.000386224	0.001278122	0.000386224	0.001278122
X Variable 2	0.013966588	0.000338264	41.28904654	2.5251E-103	0.013299797	0.01463338	0.013299797	0.01463338
X Variable 3	-0.025489148	0.012852842	-1.983152624	0.048641189	-0.05082489	-0.000153407	-0.05082489	-0.000153407

	ACT DD	Norm DD			ACT UPC	
	Calendar	Calendar	HDDm-1	HDDm	CH Including N, NT, DS	
Oct-12	335	350	110	335	Oct-12	26.2133
Nov-12	785	672	335	785	Nov-12	57.0139
Dec-12	853	952	785	853	Dec-12	75.8326
Jan-13	1,047	1,120	853	1,047	Jan-13	93.2957
Feb-13	974	962	1,047	974	Feb-13	87.1142
Mar-13	884	805	974	884	Mar-13	72.4338
Apr-13	427	414	884	427	Apr-13	38.4063
May-13	178	164	427	178	May-13	18.3230
Jun-13	21	30	178	21	Jun-13	13.1382
Jul-13	4	0	21	4	Jul-13	11.0372
Aug-13	12	16	4	12	Aug-13	12.8748
Sep-13	143	83	12	143	Sep-13	15.8076
Oct-13	327	350	143	327	Oct-13	25.2827
Nov-13	773	672	327	773	Nov-13	57.8559
Dec-13	1,012	952	773	1,012	Dec-13	89.2557
Jan-14	1,310	1,120	1,012	1,310	Jan-14	118.7481
Feb-14	1,114	962	1,310	1,114	Feb-14	100.5934
Mar-14	976	805	1,114	976	Mar-14	85.0976
Apr-14	467	414	976	467	Apr-14	38.1561
May-14	152	164	467	152	May-14	18.4903
Jun-14	14	30	152	14	Jun-14	11.9605
Jul-14	10	0	14	10	Jul-14	13.1005
Aug-14	13	16	10	13	Aug-14	12.6120
Sep-14	98	83	13	98	Sep-14	18.3857
Oct-14	303	350	98	303	Oct-14	23.0688
Nov-14	759	672	303	759	Nov-14	58.8037
Dec-14	909	952	759	909	Dec-14	85.8066
Jan-15	1,231	1,120	909	1,231	Jan-15	111.5065
Feb-15	1,275	962	1,231	1,275	Feb-15	115.1389
Mar-15	960	805	1,275	960	Mar-15	88.8316
Apr-15	403	414	960	403	Apr-15	35.1852
May-15	83	164	403	83	May-15	15.1005
Jun-15	32	30	83	32	Jun-15	14.5378
Jul-15	4	0	32	4	Jul-15	12.4361
Aug-15	6	16	4	6	Aug-15	15.2095
Sep-15	42	83	6	42	Sep-15	14.3887
Oct-15	378	350	42	378	Oct-15	26.4583
Nov-15	508	672	378	508	Nov-15	43.8464
Dec-15	625	952	508	625	Dec-15	54.8538
Jan-16	1,130	1,120	625	1,130	Jan-16	98.3854
Feb-16	936	962	1,130	936	Feb-16	89.0672
Mar-16	582	805	936	582	Mar-16	50.1565
Apr-16	468	414	582	468	Apr-16	35.3421
May-16	221	164	468	221	May-16	20.3559
Jun-16	25	30	221	25	Jun-16	14.6658
Jul-16	2	0	25	2	Jul-16	11.5077
Aug-16	3	16	2	3	Aug-16	15.4927
Sep-16	53	83	3	53	Sep-16	13.5444
Oct-16	324	350	53	324	Oct-16	24.1222
Nov-16	589	672	324	589	Nov-16	46.5639
Dec-16	973	952	589	973	Dec-16	85.9383
Jan-17	961	1,120	973	961	Jan-17	93.9389
Feb-17	719	962	961	719	Feb-17	67.4803
Mar-17	879	805	719	879	Mar-17	74.4178
Apr-17	264	414	879	264	Apr-17	30.8584
May-17	205	164	264	205	May-17	21.2359
Jun-17	33	30	205	33	Jun-17	12.5259
Jul-17	2	0	33	2	Jul-17	14.2208
Aug-17	19	16	2	19	Aug-17	13.5311
Sep-17	89	83	19	89	Sep-17	13.9642
Oct-17	227	350	89	227	Oct-17	22.6190
Nov-17	684	672	227	684	Nov-17	60.3793
Dec-17	1,087	952	684	1,087	Dec-17	87.6191
Jan-18	1,156	1,120	1,087	1,156	Jan-18	113.3025
Feb-18	775	962	1,156	775	Feb-18	74.7883
Mar-18	905	805	775	905	Mar-18	82.1497
Apr-18	573	414	905	573	Apr-18	51.8098
May-18	69	164	573	69	May-18	19.7730
Jun-18	29	30	69	29	Jun-18	14.9547

	ACT DD Calendar	Norm DD Calendar	HDDm-1	HDDm	ACT UPC CH Including N, NT, DS
Jul-18	2	0	29	2	12.0690
Aug-18	2	16	2	2	12.6686
Sep-18	61	83	2	61	15.6520
Oct-18	370	350	0	370	32.3715
Nov-18	773	672	370	773	63.6875
Dec-18	886	952	773	886	83.4083
Jan-19	1,146	1,120	886	1,146	106.7682
Feb-19	904	962	1,146	904	85.8784
Mar-19	826	805	904	826	78.0083
Apr-19	319	414	826	319	34.7570
May-19	121	164	319	121	20.1135
Jun-19	25	30	121	25	13.1592
Jul-19	1	0	25	1	12.3218
Aug-19	2	16	1	2	13.0925
Sep-19	29	83	2	29	12.0927
Oct-19	266	350	29	266	25.2767
Nov-19	764	672	266	764	69.3271
Dec-19	923	952	764	923	75.1481
Jan-20	916	1,120	923	916	88.8618
Feb-20	822	962	916	822	83.0145
Mar-20	595	805	822	595	59.8374
Apr-20	488	414	595	488	33.7477
May-20	217	164	488	217	19.1270
Jun-20	13	30	217	13	10.9674
Jul-20	0	0	13	0	10.5768
Aug-20	0	16	0	0	9.6913
Sep-20	88	83	0	88	12.7037
Oct-20	309	350	88	309	25.0362
Nov-20	507	672	309	507	48.7097
Dec-20	940	952	507	940	77.3301
Jan-21	1025	1120	940	1,025	95.2403
Feb-21	969	962	1,025	969	88.3085
Mar-21	649	805	969	649	62.7209
Apr-21	388	414	649	388	36.3264
May-21	204	164	388	204	21.1221
Jun-21	12	30	204	12	12.1406
Jul-21	0	0	12	0	12.2479
Aug-21	0	16	0	0	12.4521
Sep-21	53	83	0	53	13.0197
Oct-21		350	53	0	
Nov-21		672	0	0	
Dec-21		952	0	0	
Jan-22		1120	0	0	
Feb-22		962	0	0	
Mar-22		805	0	0	
Apr-22		414	0	0	
May-22		164	0	0	
Jun-22		30	0	0	
Jul-22		0	0	0	
Aug-22		16	0	0	
Sep-22		83	0	0	
Oct-22		350	0	0	
Nov-22		672	0	0	
Dec-22		952	0	0	
Jan-23		1120	0	0	
Feb-23		962	0	0	
Mar-23		805	0	0	
Apr-23		414	0	0	
May-23		164	0	0	
Jun-23		30	0	0	
Jul-23		0	0	0	
Aug-23		16	0	0	
Sep-23		83	0	0	
Oct-23		350	0	0	
Nov-23		672	0	0	
Dec-23		952	0	0	
Jan-24		1120	0	0	
Feb-24		962	0	0	
Mar-24		805	0	0	

Regression Results:	7.760511177 Constant
	0.006356234 HDD-1
	0.074426343 HDD

	Normal Degree Days (HDD)	Normal Degree Days for Prior Month (HDD-1)	1 Month UPC	12 Months Ended UPC
Oct-12	350	83	34.3373	34.3373
Nov-12	672	350	59.9997	94.3370
Dec-12	952	672	82.8858	177.2228
Jan-13	1,120	952	97.1692	274.3919
Feb-13	962	1,120	86.4776	360.8696
Mar-13	805	962	73.7884	434.6580
Apr-13	414	805	43.6898	478.3478
May-13	164	414	22.5979	500.9457
Jun-13	30	164	11.0357	511.9814
Jul-13	0	30	7.9512	519.9326
Aug-13	16	0	8.9513	528.8839
Sep-13	83	16 FY 13	14.0396	542.9235
Oct-13	350	83	34.3373	542.9235
Nov-13	672	350	59.9997	542.9235
Dec-13	952	672	82.8858	542.9235
Jan-14	1,120	952	97.1692	542.9235
Feb-14	962	1,120	86.4776	542.9235
Mar-14	805	962	73.7884	542.9235
Apr-14	414	805	43.6898	542.9235
May-14	164	414	22.5979	542.9235
Jun-14	30	164	11.0357	542.9235
Jul-14	0	30	7.9512	542.9235
Aug-14	16	0	8.9513	542.9235
Sep-14	83	16 FY 14	14.0396	542.9235
Oct-14	350	83	34.3373	542.9235
Nov-14	672	350	59.9997	542.9235
Dec-14	952	672	82.8858	542.9235
Jan-15	1,120	952	97.1692	542.9235
Feb-15	962	1,120	86.4776	542.9235
Mar-15	805	962	73.7884	542.9235
Apr-15	414	805	43.6898	542.9235
May-15	164	414	22.5979	542.9235
Jun-15	30	164	11.0357	542.9235
Jul-15	0	30	7.9512	542.9235
Aug-15	16	0	8.9513	542.9235
Sep-15	83	16 FY 15	14.0396	542.9235
Oct-15	350	83	34.3373	542.9235
Nov-15	672	350	59.9997	542.9235
Dec-15	952	672	82.8858	542.9235
Jan-16	1,120	952	97.1692	542.9235
Feb-16	962	1,120	86.4776	542.9235
Mar-16	805	962	73.7884	542.9235
Apr-16	414	805	43.6898	542.9235
May-16	164	414	22.5979	542.9235
Jun-16	30	164	11.0357	542.9235
Jul-16	0	30	7.9512	542.9235
Aug-16	16	0	8.9513	542.9235
Sep-16	83	16 FY 16	14.0396	542.9235
Oct-16	350	83	34.3373	542.9235
Nov-16	672	350	59.9997	542.9235
Dec-16	952	672	82.8858	542.9235
Jan-17	1,120	952	97.1692	542.9235
Feb-17	962	1,120	86.4776	542.9235
Mar-17	805	962	73.7884	542.9235
Apr-17	414	805	43.6898	542.9235
May-17	164	414	22.5979	542.9235
Jun-17	30	164	11.0357	542.9235
Jul-17	0	30	7.9512	542.9235
Aug-17	16	0	8.9513	542.9235
Sep-17	83	16 FY 17	14.0396	542.9235
Oct-17	350	83	34.3373	542.9235
Nov-17	672	350	59.9997	542.9235
Dec-17	952	672	82.8858	542.9235
Jan-18	1,120	952	97.1692	542.9235
Feb-18	962	1,120	86.4776	542.9235
Mar-18	805	962	73.7884	542.9235
Apr-18	414	805	43.6898	542.9235
May-18	164	414	22.5979	542.9235
Jun-18	30	164	11.0357	542.9235
Jul-18	0	30	7.9512	542.9235
Aug-18	16	0	8.9513	542.9235
Sep-18	83	16 FY 18	14.0396	542.9235

Regression Results:	7.760511177 Constant
	0.006356234 HDD-1
	0.074426343 HDD

	Normal Degree Days (HDD)	Normal Degree Days for Prior Month (HDD-1)	1 Month UPC	12 Months Ended UPC	
Oct-18	350	83	34.3373	542.9235	
Nov-18	672	350	59.9997	542.9235	
Dec-18	952	672	82.8858	542.9235	
Jan-19	1,120	952	97.1692	542.9235	
Feb-19	962	1,120	86.4776	542.9235	
Mar-19	805	962	73.7884	542.9235	
Apr-19	414	805	43.6898	542.9235	
May-19	164	414	22.5979	542.9235	
Jun-19	30	164	11.0357	542.9235	
Jul-19	0	30	7.9512	542.9235	
Aug-19	16	0	8.9513	542.9235	
Sep-19	83	16	14.0396	542.9235	FY 19
Oct-19	350	83	34.3373	542.9235	
Nov-19	672	350	59.9997	542.9235	
Dec-19	952	672	82.8858	542.9235	
Jan-20	1,120	952	97.1692	542.9235	
Feb-20	962	1,120	86.4776	542.9235	
Mar-20	805	962	73.7884	542.9235	
Apr-20	414	805	43.6898	542.9235	
May-20	164	414	22.5979	542.9235	
Jun-20	30	164	11.0357	542.9235	
Jul-20	0	30	7.9512	542.9235	
Aug-20	16	0	8.9513	542.9235	
Sep-20	83	16	14.0396	542.9235	FY 20
Oct-20	350	83	34.3373	542.9235	
Nov-20	672	350	59.9997	542.9235	
Dec-20	952	672	82.8858	542.9235	
Jan-21	1,120	952	97.1692	542.9235	
Feb-21	962	1,120	86.4776	542.9235	
Mar-21	805	962	73.7884	542.9235	
Apr-21	414	805	43.6898	542.9235	
May-21	164	414	22.5979	542.9235	
Jun-21	30	164	11.0357	542.9235	
Jul-21	0	30	7.9512	542.9235	
Aug-21	16	0	8.9513	542.9235	
Sep-21	83	16	14.0396	542.9235	FY 21
Oct-21	350	83	34.3373	542.9235	
Nov-21	672	350	59.9997	542.9235	
Dec-21	952	672	82.8858	542.9235	
Jan-22	1,120	952	97.1692	542.9235	
Feb-22	962	1,120	86.4776	542.9235	
Mar-22	805	962	73.7884	542.9235	Historic Test Year Annualized FY 21
Apr-22	414	805	43.6898	542.9235	
May-22	164	414	22.5979	542.9235	
Jun-22	30	164	11.0357	542.9235	
Jul-22	0	30	7.9512	542.9235	
Aug-22	16	0	8.9513	542.9235	
Sep-22	83	16	14.0396	542.9235	FY 22
Oct-22	350	83	34.3373	542.9235	
Nov-22	672	350	59.9997	542.9235	
Dec-22	952	672	82.8858	542.9235	
Jan-23	1,120	952	97.1692	542.9235	
Feb-23	962	1,120	86.4776	542.9235	
Mar-23	805	962	73.7884	542.9235	Future Test Year Annualized FY 22
Apr-23	414	805	43.6898	542.9235	
May-23	164	414	22.5979	542.9235	
Jun-23	30	164	11.0357	542.9235	
Jul-23	0	30	7.9512	542.9235	
Aug-23	16	0	8.9513	542.9235	
Sep-23	83	16	14.0396	542.9235	FY 23
Oct-23	350	83	34.3373	542.9235	
Nov-23	672	350	59.9997	542.9235	
Dec-23	952	672	82.8858	542.9235	
Jan-24	1,120	952	97.1692	542.9235	
Feb-24	962	1,120	86.4776	542.9235	
Mar-24	805	962	73.7884	542.9235	Fully Projected Future Test Year Annualized FY 23

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.987222809
R Square	0.974608874
Adjusted R Square	0.974125234
Standard Error	5.312361206
Observations	108

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	113739.9144	56869.95719	2015.151528	1.76118E-84
Residual	105	2963.224066	28.22118158		
Total	107	116703.1384			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	7.760511177	0.786698478	9.864657672	1.23403E-16	6.200633419	9.320388935	6.200633419	9.320388935
X Variable 1	0.006356234	0.002179102	2.916904702	0.004323825	0.002035477	0.010676992	0.002035477	0.010676992
X Variable 2	0.074426343	0.002179674	34.14563089	1.13457E-58	0.070104452	0.078748234	0.070104452	0.078748234

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-12

Request:

In the form identical to the previous question, please provide a database for all independent variables which were analyzed by the Company, but exclude from the filed gas demand models.

Response:

None.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-13

Request:

For each customer receiving service at less than the maximum applicable tariff rate, please provide:

- a. actual consumption for the two most recent calendar years;
- b. actual consumption for the HTY and the most recent twelve month period for which data is available;
- c. the currently applicable rate;
- d. an explanation for the rate discount.

Response:

None.

Prepared by or under the supervision of: Sherry A. Epler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-14

Request:

Please provide a copy of the Company's detailed capital budgets for the preceding and current calendar years which underlie the projected test year capital additions in this case.

Response:

Please see the response to SDR-ROR-14.

Prepared by or under the supervision of: Vicky A. Schappell

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-15

Request:

Please provide a variance or other similar report comparing actual and budgeted construction expenditures at the conclusion of each budget period for the past three years and as of the most recent date available.

Response:

Please see Attachment SDR-RR-15.

Prepared by or under the supervision of: Vicky A. Schappell

UGI UTILITIES, INC. – GAS DIVISION
CAPITAL EXPENDITURES – BUDGET VS. ACTUAL
FOR THE YEARS ENDED SEPTEMBER 30, 2019 THROUGH SEPTEMBER 30, 2021
(thousands of dollars)

	<u>09/30/2019</u>	<u>09/30/2020</u>	<u>09/30/2021</u>
Budgeted Expenditures	\$ 362,855	\$ 394,098	\$ 420,100
Actual Expenditures	<u>337,633</u>	<u>336,312</u>	<u>374,066</u>
Variance	<u>\$ (25,222)</u>	<u>\$ (57,786)</u>	<u>\$ (46,034)</u>

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-16

Request:

Please provide a breakdown of other gas revenue for the three preceding calendar years.

Response:

Please see Attachment SDR-RR-16. The other operating revenue is shown net of the Company's share of off-system sales, capacity releases, and choice supplier fees.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
 Other Gas Revenues
 For the Years Ended September 30, 2019, 2020, 2021

(000)'s

Account No.	9/30/2019	9/30/2020	9/30/2021
495001 Miscellaneous Gas Revenues*	\$ (5,548)	\$ (241)	\$ 580
495002 Interest on Deferred Fuel Over/Under Collection	\$ 1,223	\$ 71	\$ 615
495003 Interest on Supplier Refund	\$ 49	\$ 63	\$ 541
495004 POR Administrative Fees	\$ 66	\$ 74	\$ 78
	<u>\$ (4,211)</u>	<u>\$ (33)</u>	<u>\$ 1,813</u>

* Miscellaneous Gas Revenues consists of TCJA adjustments, other Miscellaneous Gas Revenues excluded as not applicable for rate making purposes

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-17

Request:

For those items for which data is available, please provide the following actual monthly balance by account for the historic and future test periods to present:

- a. depreciable utility plant in service
- b. non-depreciable utility plan in service
- c. construction work in progress
- d. accumulated deferred income tax
- e. materials and supplies
- f. customer advances for construction
- g. contributions in aid of construction
- h. accumulated depreciation
- i. prepayments by type
- j. customer deposits
- k. injury and damages reserve

Response:

Please refer to Attachment SDR-RR-17.

Prepared by or under the supervision of: Vivian K. Ressler

UGI UTILITIES, INC. - GAS DIVISION
Actual Ending Balances (in Thousands)
For the Months Ended October 31, 2020 through October 31, 2021

Account Description	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021
a) Depreciable Plant	3,922,300	3,941,696	3,972,143	3,982,606	3,991,247	4,003,307	4,031,802	4,071,284	4,091,532	4,146,583	4,155,630	4,228,374	4,255,050
b) Non-Depreciable Plant	27,520	27,528	27,533	27,538	27,542	27,544	27,548	27,572	27,551	27,718	27,744	30,839	30,874
c) Construction Work in Progress	76,271	76,530	75,541	82,351	87,280	95,485	96,702	94,220	108,679	113,191	101,936	70,852	66,714
d) Accumulated Deferred Income Tax	(438,499)	(441,312)	(442,902)	(444,673)	(448,258)	(457,184)	(459,444)	(462,570)	(468,152)	(472,638)	(479,349)	(483,952)	(479,775)
e) Materials and Supplies	15,001	15,305	16,991	14,991	15,281	16,618	15,547	15,494	16,342	15,494	15,377	15,109	15,521
f) Customer Advances	-	-	-	-	-	-	-	-	-	-	-	-	-
g) Contributions in Aid of Construction	Not applicable, as capital expenditures are shown net of any anticipated amounts for CIAC.												
h) Accumulated Depreciation	(1,131,483)	(1,138,980)	(1,144,344)	(1,149,968)	(1,156,639)	(1,163,633)	(1,169,797)	(1,176,844)	(1,182,730)	(1,190,513)	(1,191,752)	(1,193,660)	(1,201,591)
i) Prepayment by Type													
Prepaid Taxes	316	278	242	237	274	304	272	267	226	376	515	448	384
PUC Annual Assessment	1,877	1,642	1,408	1,173	939	704	469	235	-	-	-	2,636	2,343
Prepaid IT Services	4,596	4,487	4,150	5,846	6,639	5,885	5,172	4,812	4,443	4,831	5,326	4,794	4,943
Miscellaneous	7,332	7,659	10,741	9,944	6,929	5,345	5,242	4,846	4,273	6,517	5,232	4,717	4,442
j) Gas Customer Deposits	(22,373)	(22,331)	(22,118)	(21,930)	(21,816)	(21,634)	(21,386)	(21,040)	(20,863)	(20,873)	(20,930)	(21,120)	(21,290)
k) Injury and Damage Reserve	(1,573)	(450)	(2,037)	(2,031)	(1,963)	(1,972)	(1,933)	(1,932)	(1,957)	(1,706)	(1,670)	(1,668)	(1,739)

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-18

Request:

Please provide a copy of all work papers supporting the Company's lead/lag study.

Response:

Please refer to UGI Gas Exhibit A (Historic), UGI Gas Exhibit A (Future) and UGI Gas Exhibit A (Fully Projected), Schedule C-4, and the Direct Testimony of Vivian K. Ressler, UGI Gas Statement No. 3.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-19

Request:

Please provide the payroll distribution showing the percentage of wages charged to O&M and other categories for each of the preceding three calendar years and the most recent annual period available.

Response:

Please see Attachment SDR-RR-19.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Annual Payroll Data
For the Years Ended September 30, 2019 through 2021
(thousands of dollars)

	12 Months	12 Months	12 Months
	9/30/2019	9/30/2020	9/30/2021
Operations and Maintenance	\$ 70,221	\$ 73,019	\$ 70,423
Other Income/Expense	258	251	340
Capital	42,984	43,373	48,722
Other Non-Expense	6,539	6,178	6,679
Total	<u>\$ 120,002</u>	<u>\$ 122,822</u>	<u>\$ 126,164</u>
Percentage Charged to O&M	58.6%	59.5%	55.9%
Percentage Charged to Other Income/Expense	0.2%	0.2%	0.3%
Percentage Charged to Capital	35.8%	35.3%	38.6%
Percentage Charged to Other Non-Expense	5.4%	5.0%	5.3%

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-20

Request:

Please state whether the future test year budgeted labor includes any increases or decreases in the number of employees during the future test year. If increases have been budgeted, please state whether the future test year includes budgeted positions which have not been filled.

Response:

The future test year (“FTY”) budgeted labor as of September 30, 2022 includes an increase of 43 regular employees from September 30, 2021 or historic test year (“HTY”) budgeted headcount. The fully projected future test year (“FPFTY”) labor budget as of September 30, 2023 includes an increase of 27 regular employees from the September 30, 2022 budgeted headcount. While a significant number of the 43 additions during the FTY are still to be filled, the Company is pursuing certain compensation changes which are targeted at increasing retention and recruitment for these and other roles. Please see the Direct Testimony of Christopher R. Brown, UGI Gas Statement No. 1, for additional details.

In addition, please see Exhibit A for the FPFTY Schedules D-9 and D-17 for the details related to the Company’s planned addition of 25 FTEs above budgeted levels.

Prepared by or under the supervision of: Christopher R. Brown

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-21

Request:

Please explain how the Company has treated routine or normal position vacancies which occur as a result of terminations or retirements in its budgeted labor projections.

Response:

As a Company, during the budgeting process each year, all currently open positions are reviewed to determine if they should be excluded or carried forward into the upcoming budget year. In addition to reviewing individual open positions, vacancy rates are also reviewed across the various functional groups throughout the organization. An overall vacancy rate is then built into the Company labor budget, thereby reducing total budgeted headcounts and associated expenses to take these vacancies into account. This is reflected in both the Future Test Year and the Fully Projected Future Test Year labor projections.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-22

Request:

Please provide the most recent insurance premiums for each type of insurance coverage (i.e., employee benefit and those purchased by the Company) reflected in the Company's filing. If available, please provide estimated premiums for the subsequent calendar year.

Response:

Please refer to Attachment SDR-RR-22 for fiscal 2021 actual and budgeted fiscal 2022 insurance premiums.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI UTILITIES, INC. - GAS DIVISION
Insurance Premiums Paid & Expected Premiums
For the 12 Months Ending September 30,

	<u>2021</u>	<u>2022</u>
Excess Liability	\$ 4,229,656	\$ 4,335,398
Property	266,318	275,906
WC Premium	319,470	323,463
Auto Premium	182,733	187,301
GL Premium	4,534	4,592
D&O	413,549	423,888
Crime	29,885	30,613
Cyber	147,603	395,005
Other- aviation	506	512
Fiduciary	94,543	98,088
Employment Practices	48,962	50,186
Medical	13,693,589	13,536,811
Dental - United Concordia	642,125	542,796
Basic Life - Metlife	154,873	180,986
Long Term Disability - Lincoln	363,374	378,286
Accidental Death & Dismemberment	25,454	30,117
Business Travel Accident	<u>27,390</u>	<u>28,131</u>
Total	\$ 20,644,565	\$ 20,822,079

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-23

Request:

Please provide a copy of the Company's two most recent FERC Form 2.

Response:

UGI Utilities, Inc. - Gas Division is not required to file and has not filed a FERC Form 2.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-24

Request:

Please provide a description of each employee benefit program or plan.

Response:

Please see Attachment SDR-RR-24.

Prepared by or under the supervision of: Vivian K. Ressler

**UGI Utilities, Inc. – Gas Division
Benefit Program Effective Jan. 1, 2022**

Employee Medical Plan

All employees and their dependents have the option to participate in a health care program that provides four options: an Aetna Point of Service II Plan, an Independence Blue Cross Preferred Provider Option Plan, Aetna High Deductible Health Plan with a Health Savings Account, and an Independence BlueCross High Deductible Plan with a Health Savings Account. Employees share in the cost of medical and prescription plans.

A brief summary of each is listed below:

MEDICAL	Aetna Choice POS II		Independence Blue Cross PPO	
	In Network	Out of Network	In Network	Out of Network
Deductible	Individual: \$600 Family: \$1,500	Individual: \$1,200 Family: \$3,000	Individual: \$600 Family: \$1,500	Individual: \$1,200 Family: \$3,000
HSA Annual Funding	N/A	N/A	N/A	N/A
Office Visit Co-Pay PCP/Specialist	\$25/\$40	70% after deductible	\$25/\$40	65% after deductible
Co-Insurance after Deductible	85%	65%	85%	65%

MEDICAL	Aetna HAP/HSA		Independence Blue Cross HDP	
	In Network	Out of Network	In Network	Out of Network
Deductible	Individual: \$2,500 Family: \$5,000 (imbedded individual \$2,800)	Individual: \$3,500 Family: \$7,000	Individual: \$3,000 Family: \$6,000	Individual: \$4,000 Family: \$8,000
HSA Annual Funding by UGI	Individual: \$1,000 Family: \$2,000		Individual: \$750 Family: \$1,500	
Office Visit Co-Pay PCP/Specialist	95% after deductible	75% after deductible	85% after deductible	65% after deductible
Co-Insurance after Deductible	95%	75%	85%	65%

Prescription Drug Coverage	Aetna Choice POS II & Independence Blue Cross PPO		Aetna HDHP/HSA & Independence Blue Cross HDP/HSA	
	In Network	Out of Network	In Network	Out of Network
Deductible	Individual \$175; Family \$350		Subject to Medical Plan Deductible	
Retail 30 days	\$10 Generic \$35 Formulary Brand \$50 Non-Formulary Brand	Not Covered	\$10 Generic \$35 Formulary Brand \$50 Non-Formulary Brand	Not Covered
Mail Order 90 days	\$25 Generic \$87.50 Formulary Brand \$125 Non-Formulary	Not Covered	\$25 Generic \$87.50 Formulary Brand \$125 Non-Formulary	Not Covered
Specialty Injectables	\$100 copay – 30 day supply	Not Covered	\$100 copay – 30 day supply	Not Covered

Dental Plan

All employees have access to the following dental plans:

Benefit – In network	Basic Dental	Buy Up Dental
Annual Deductible:	\$50 Individual/\$150 Family	No deductible
Diagnostic and Preventive, to include cleanings, fluoride treatments, sealants, x- rays	100%; no deductible	100%; no deductible
Basic Restorative, oral surgery, endodontics	80% co-insurance after deductible	90%
Major Restorative, Prosthodontics	50% co-insurance after deductible	60%
Non-Surgical Periodontics	80% co-insurance after deductible	90%
TMJ, Dental Implants, Occlusal Guards	50% co-insurance after deductible	60%
Annual Maximum for covered services	\$1,500	\$2,500
Orthodontics	50% co-insurance with \$1,500 lifetime maximum	50% co-insurance with \$2,500 lifetime maximum

The employee only premium for the Basic Dental coverage is paid for by UGI. UGI contributes this same amount for the employee only Buy up Plan. Employees pay full cost for dependent coverage.

Vision Plans

All employees have access to the following vision plans:

Benefit	Vision Base	Vision Buy Up
Exam for glasses	100%	100%
Clear Standard/Single Vision/Bifocal/Blended Bifocal/Trifocal	\$20 copay	\$20 copay
Custom Progressive Lenses	\$95 - \$175	\$95 - \$175
Standard Progressive Lenses	100%	100%
Elective contact lenses in lieu of glasses	Up to \$140	Up to \$150

Both Vision plans are 100% employee paid.

Flexible Spending Accounts

All employees are eligible to participate in Health Care or Dependent Day Care Spending Accounts. The annual maximum election for a Health Care Account is \$2,750 and the minimum is \$260. The annual maximum election for the Dependent Day Care is \$5,000 and the minimum is \$260. Employees who enroll in the Aetna High Deductible Health Plan are eligible for a Limited Scope Health Care spending account per IRS regulations.

Group Life Insurance

All employees receive company paid basic life in the amount of one times their annual salary (including certain bonuses) rounded to the next highest \$1,000. Part-time employees receive \$10,000.

Employees may elect additional employee supplemental life insurance of 1, 2, 3, 4, or 5 times annual salary rounded to the nearest \$1,000. This coverage is 100% employee paid. Employee may also elect supplemental life insurance for a spouse in amounts from \$10,000 to \$100,000 in increments of \$10,000. Child(ren) life insurance is also optional in amounts of \$5,000 or \$10,000. Both spouse and child(ren) life insurance are 100% employee paid.

Accidental Death & Dismemberment (AD&D) and Business Travel Accident (BTA) Insurance

All employees are covered under AD&D insurance 24 hours per day, 365 days per year. The maximum benefit is one times annual salary to a maximum of \$2 million. Employee may elect Voluntary AD&D at 1, 2, 3, 4, or 5 times salary to a maximum of \$6 million. Spouse only equals

50% of employee coverage. Child(ren, only equals 15% of employee coverage; Spouse and Child(ren) equals 40% for Spouse and 10% for Child(ren) of employee coverage.

All voluntary AD&D coverage is paid 100% by employees.

All employees are covered by Business Travel Accident with a maximum benefit of 4 times annual salary to a maximum of \$2 million.

Additional Voluntary Benefits - Employee paid:

- **Doctor on Demand** - Telemedicine available 7 days a week, 24 hours a day right from a mobile device or computer. Any needed prescriptions are sent to the pharmacy of your choice. Medical and mental health services are available for nominal copays based on the employee's medical plan election. Must be enrolled in one of UGI medical plans.
- **Critical Illness** provides a lump sum payment upon diagnosis of Cancer, Heart Attack, Stroke or Major Organ Transplant. Coverage available: Employee \$10,000 or \$20,000; Spouse \$10,000 or \$20,000; Children \$5,000 or \$10,000.
- **Accident Insurance** provides cash for covered injuries that occur on and off the job. Benefits include emergency room visits, fractures and dislocation, ambulance transportation, intensive care, surgeries, and more.
- **Identify Theft Protection** – Proactive monitoring of traditional and non-traditional credit, reimbursement insurance for up to \$1 million in identity theft-related expenses, fully managed resolution services.
- **Hospital Indemnity** - Provides a daily benefit for a covered stay in a hospital, critical care unit or rehabilitation facility. The benefit amount is determined by the type of facility and the number of days the covered individual stays confined in the facility. Employees may elect the High or Low plan and coverage their spouse and/or dependent children.
- **Pet Insurance** – This coverage will reimburse eligible veterinary expenses relating to accidents, illnesses, and injuries for pets, like dogs and cats. There are two levels of coverage, one provides pets with wellness coverage.

Short Term Disability

The Company provides a self-insured pay continuation illness plan for all employees. The percentage of pay continued and the number of weeks at 100% and 50% are based on years of service. Short term disability is available for a maximum of 6 months of disability.

Long Term Disability

Employees who exhaust short term disability benefits are eligible to apply for long term disability which is an insured program. Employees who qualify receive 60% of base monthly income offset by other disability income such as Social Security. Maximum benefit is \$20,000 per month. Minimum benefit is the greater of \$100 or 10% of the gross disability payment per month.

Savings Plan - 401(k)

All employees are eligible to participate in the deferred savings plan which is a tax qualified 401(k) program. The Plan accepts both before-tax and after-tax contributions up to a combined total of 50% of salary subject to the IRS maximum deferral of \$61,000 for 2022. The before-tax maximum is \$20,500 for 2022. There is also the option to make deferrals as a Roth. Employees who are age 50 or older may contribute an additional catch up contribution of \$6,500 per year. The Company matches before-tax or after-tax contributions at 50% of the first 3% and 25% of the next 3% of salary deferred for those employees who participate in the defined benefit pension plan. Participants are immediately vested in the Company match.

Employees hired on or after January 1, 2009 are eligible for an enhanced company match of 100% of 6% effective January 1, 2019 because they are not eligible for the defined benefit pension plan. Vesting is immediate.

Educational Assistance

Full-time employees with a summary performance rating of “Effective Performance” or higher on their most recent annual review may be eligible to participate in the Company’s tuition reimbursement program for courses offered by approved educational institutions. To be eligible for reimbursement studies selected must be related to some phase of the employee’s current job, or be a direct benefit to the Company’s operation, or be part of a required course for a degree (associates, bachelors or masters) or certificate related to the Company’s operation. PhD programs are excluded.

The Company will reimburse 80% of tuition costs only, excluding the cost of books, supplies and other associated fees at qualified educational institutions. The maximum reimbursement per calendar year is limited to \$6,300 for undergraduate courses and \$10,000 for graduate level courses. In order to receive reimbursement, the employee must provide evidence of satisfactory completion of the course. For courses with letter grades, “satisfactory completion” is defined as follows:

- a grade of “C” or better for undergraduate classes
- a grade of “B” or better for graduate level classes

UGI financially supports employees to retain certification and/or licensure that is required in their current role; or, to obtain certification/licensure which will increase their knowledge and skills as it relates to their current work responsibilities. Oftentimes a course provides valuable assistance in preparing for a certification/licensure exam. This policy enables financial support for reimbursement of approved courses that prepare those who will take an exam to have a greater opportunity for success. This policy also provides financial support for the renewal/maintenance fees for job-related certification/licensure.

This policy applies to all full-time employees and part-time employees 20 hours or more weekly, with “Effective Performance” or higher on their most recent annual review. For employees who have not yet received formal reviews, supervisor approval of application signifies confirmation of “Effective Performance” to date. The professional certification/licensure must be considered by

the Company to be directly related to the employee's current job and must be of direct benefit to the Company's operation unless approved by the departmental Vice President and Human Resources.

Paid Time Off

The Company provides all employees with 10 paid holidays and 3 personal days per calendar year. Employees are provided vacation allowances based on years of service ranging from 3 weeks during the first calendar year of employment on a prorated basis up to 6 weeks after 35 years of service.

Severance Program

Exempt employees, in levels M2 – M6 and P3 – P5 are eligible for a severance allowance of two weeks of compensation for each year of service with a minimum of two months of compensation and a maximum of 12 months of compensation. Severed employees will also receive a lump sum payment equal to the COBRA cost of continued medical and dental coverage for the period of severance less the active employee contribution amount.

Exempt employees, in levels M1, P1 - P2 and non-bargaining non-exempt employees, are eligible for a severance allowance of one week of compensation for each year of service with a minimum of two weeks of compensation and a maximum of 12 months of compensation. Severed employees will also receive a lump sum payment equal to the COBRA cost of continued medical and dental coverage for the period of severance less the active employee contribution amount.

Post-Retirement Benefits

Retirement Plan – UGI Utilities, Inc. Employees Hired Prior to 1/1/2009

The Plan is a noncontributory defined benefit plan covering substantially all employees of UGI Utilities, Inc. hired prior to January 1, 2009. Effective January 1, 2009, the Plan was closed to new hires, rehires or transfers occurring on or after that date.

Substantially all employees of the UGI Employers hired prior to January 1, 2009 who complete five years of vesting service, as defined, or who reach normal retirement age, as defined, while in the employ of the UGI Employers, are entitled to benefits upon reaching normal retirement age, generally age 65.

The annual pension benefits shall generally be the greatest of:

- \$600; or
- 1.9% of final average earnings, as defined, times years of credited service, as defined, (which

amount cannot exceed 60% of the average monthly earnings for the highest consecutive 12-month period during the 120 consecutive month period prior to the date of retirement or termination), less (b) 1% of the primary Social Security benefit, as defined, times the years of credited service at age 65 (maximum of 35 years) and in the case of early retirement, multiplied further by the ratio of actual credited service to projected credited service at normal retirement date; or

- 25% of earnings during the last 12 months prior to retirement multiplied by the ratio (not to exceed 1.0) of years of projected credited service to normal retirement date to 15, and in the case of early retirement, multiplied further by the ratio (not to exceed 1.0) of years of credited service earned to the projected years of credited service at normal retirement date.

The Plan permits early retirement benefits at a reduced level at age 55 and completion of ten years of vesting service. Unreduced early retirement benefits are available for employees retiring from age 62 to age 65, who have completed 10 years of vesting service

Retirement Plan – UGI Utilities, Inc. Employees That Are Former Non-Union Employees of UGI Central Penn Gas, Inc. Hired Prior to 1/1/2009 or Former Union Employees of UGI Central Penn Gas, Inc. Hired Prior to 1/1/2012

The Plan is a non-contributory defined benefit plan covering employees of UGI Central Penn Gas, Inc. hired prior to January 1, 2009. Effective January 1, 2009, the Plan was closed to new hires, rehires or transfers occurring on or after that date except for employees subject to a collective bargaining agreement. The plan closed for those employees on January 1, 2012.

Substantially all CPG employees of the UGI Employers hired prior to January 1, 2009, or January 1, 2012 for those covered under a collective bargaining unit, who complete five years of vesting service, as defined, or who reach normal retirement age, as defined, while in the employ of the UGI Employers, are entitled to benefits upon reaching normal retirement age, generally age 65.

The annual pension benefits shall generally be:

- 1.08% of average monthly earnings up to covered monthly earnings times years of credited service up to 35 years

plus

- 1.35% of average monthly earnings that are more than the covered monthly earnings times years of credited service up to 35 years

There is a group of CPG employees whose pension benefits are calculated under a grandfathered pension formula. Their annual pension benefits shall generally be:

- 1.65% of the first \$833.34 of monthly earnings, plus 2% of monthly earnings in excess of \$833.34 for each year of credited service.

The Plan permits early retirement benefits at a reduced level at age 55 and completion of ten years of vesting service. Unreduced early retirement benefits are available for employees retiring from age 60 to age 65, who have completed 10 years of vesting service

Retirement Plan - UGI Utilities, Inc. Employees That Are Former Employees of UGI Penn Natural Gas, Inc. Hired Prior to 1/1/2009

The Plan is a noncontributory defined benefit plan covering substantially all employees hired prior to January 1, 2009. Effective January 1, 2009, the Plan was closed to new hires, rehires or transfers occurring on or after that date.

Substantially all employees hired prior to January 1, 2009 who complete five years of vesting service, as defined, or who reach normal retirement age, as defined, are entitled to benefits upon reaching normal retirement age, generally age 65.

The annual pension benefits shall generally be:

- A. (1.25% of Final Average Earnings up to the Base Amount) times (your years of Credited Service up to 30 years)

Plus

- B. (1.65% of Final Average Earnings over the Base Amount) times (your years of Credited Service up to 30 years)

in no event will the benefit be less than the ratio of years of Credited Service (maximum of 30) divided by 30 and multiplied by \$1,800.

The Plan permits early retirement benefits at a reduced level at age 55 and completion of 10 years of vesting service. Unreduced early retirement benefits are available for employees retiring from age 62 to age 65, who have completed 10 years of vesting service.

Retiree Life Insurance

Pension-eligible employees who retire are eligible for retiree life insurance in the amount of 25% of their pre-retirement amount with a maximum coverage amount of \$50,000. There is no cost to the retiree.

Retiree Medical Insurance - UGI Utilities, Inc. Employees

An eligible employee is any full-time employee of UGI Utilities, Inc. who as of January 1, 1989,

was at least 55 years of age and had completed at least 10 years of service with UGI or an affiliated corporation or whose age and years of service equaled at least 80 and who immediately following his retirement from UGI commences receipt of an early, normal or late retirement pension.

Effective January 1, 2014, retiree medical for Medicare-eligible retirees (age 65 or over) was outsourced to a third party and the benefit was changed to a health reimbursement account. In addition, the Retiree Plan covers Medicare-eligible disabled employees who are receiving long term disability benefits. Retirees and spouses who retired on or after 1/1/1986 receive \$500 per calendar year and those who retired prior to 1/1/1986 receive \$700 per calendar year.

Retiree Medical Insurance -UGI Utilities, Inc. Employees Previously Employed by UGI Central Penn Gas, Inc.

- Any employees who previously retired from the employment of UGI Central Penn Gas, Inc. (or a predecessor employer ("CPG") before the October 1, 2008 acquisition of CPG by UGI, an Eligible Retired Employee shall mean: any retired employee who was at least 55 years of age, had completed at least 10 years of service with CPG, had retired and commenced receipt of his retirement pension under the PPL Gas Retirement Plan immediately following his retirement from CPG and was receiving benefits under the PPL Gas Retiree Medical Plan as of October 1, 2008.
- Any full-time employees of CPG who retired from the employment of CPG on or after the October 1, 2008 acquisition of CPG by UGI, an Eligible Retired Employee shall mean: any full-time employee of CPG who is at least 55 years of age, has completed at least 10 years of service with CPG, retires and commences receipt of his retirement pension under the PPL Gas Retirement Plan immediately following his retirement from CPG and retired from CPG on or after the October 1, 2008 acquisition of CPG by the Company, but on or before January 1, 2009;
- Any full-time employee who was covered under the terms of a collective bargaining agreement between a collective bargaining representative and CPG and who is at least 55 years of age, has completed 10 years of service with CPG and retired prior to January 1, 2012.

Effective January 1, 2014, retiree medical for Medicare-eligible retirees (age 65 or over) was outsourced to a third party and the benefit was changed to a health reimbursement account. In addition, the Retiree Plan covers Medicare-eligible disabled employees who are receiving long term disability benefits. Retirees and spouses who retired on or after 1/1/1986 receive \$500 per calendar year.

Retiree Medical Insurance -UGI Utilities, Inc. Employees Previously Employed by UGI Penn Natural Gas, Inc.

No employees of the former UGI Penn Natural Gas, Inc. are eligible for retiree medical.

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-25

Request:

Please provide a description of the Company's merit and cost of living wage rate increase policies.

Response:

The Company does not provide wage adjustments based on changes in the cost of living index.

Non-Union Employees:

The Company maintains a salary structure which is comprised of salary grades and ranges. All non-union positions are assigned a salary range based on the competitive value of the job. The salary structure is reviewed periodically and adjusted, at the discretion of management, to remain externally competitive and internally equitable in order to attract, motivate, and retain quality employees.

Funds are budgeted each year for merit increases based on prevailing market rates. Performance reviews are scheduled annually with employees. Merit increase guidelines are established and individual performance ratings determine individual merit increases. Please see Attachment SDR-RR-25.

Union Employees:

Employees who are represented by bargaining units are paid according to the rates negotiated in their labor agreements.

UGI UTILITIES, INC.
MERIT INCREASE POLICY
FOR FISCAL YEAR 2022



Date: September 14, 2021

To: All Utilities Leaders

From:

Subject: **UGI Utilities, Inc. Exempt & Non-Exempt Compensation Plan
Fiscal 2022 Salary Ranges, Merit Increase Grids & Guidelines**

We have completed the annual review of compensation practices, merit, and structure trends, and general business economic indicators of our competitive marketplace, as well as current business conditions throughout UGI. The following guidelines will apply to exempt (salaried) and non-exempt (hourly paid) employees effective September 27, 2021.

Changes for Fiscal Year 2022

- Salary Ranges: Exempt and non-exempt pay ranges will shift upward by 2%
- Merit Increase Grids: For exempt and non-exempt employees, grids reflect a 3% average merit increase target

Salary Ranges

Each employee may discuss the following with his or her supervisor:

- The salary range minimum, midpoint, and maximum for his or her position
- The current position of his or her salary in their respective salary range expressed in thirds (i.e., first third, middle third, upper third)
- The date of his or her next scheduled performance appraisal and when he or she is next eligible for a merit increase
- The applicable merit increase grids

Merit Increase Period, Proration & Proration for Absence

Exempt Employees:

- The merit increase review period is the fiscal year October 1, 2021 to September 30, 2022, and the merit increase will be provided in December 2022

- For new hires or transfers to an exempt role on/after September 1, 2021, their merit increase/performance review will be deferred to the merit increase cycle for FY 2022 (provided in December 2022)
- If the employee receives promotion on/after October 1, 2021, the merit increase will be based on annual salary as of September 30, 2021
- The merit increase will be prorated based on the time period worked during the fiscal year if you are:
 - Hired after October 1, 2021
 - Transferred from Corporate, Energy Services, or AmeriGas after October 1, 2021
 - Transferred from non-exempt to exempt position after October 1, 2021
- Merit increases will be prorated if an employee is on unpaid leave of absence (excludes FMLA, workers' compensation, and military leave) for 60 or more consecutive days during the fiscal year
- Merit increase will be prorated for the time an employee is on long term disability

Non-exempt employees:

- The merit increase review period is 12 months prior to the merit increase effective date
- Employees that are on unpaid leave of absence (excludes FML, workers' compensation, and military leave) for 60 or more consecutive days will have their next review date adjusted by the number of calendar days on leave

Any employee not actively at work on the effective date of their merit increase, they will receive their earned merit increase retroactive to the effective date in the pay cycle after returning to work and completing their performance review discussion/meeting.

Merit Increase Grid

The exempt and non-exempt increase grids for Fiscal 2022 are attached. The targeted increase percentage is reflected on each grid at the "Effective Performance" level and middle third position in range. These grids comply with the Company's normal salary administration practice which provides for salary increase consideration on a 12-month review cycle.

Performance Level	First Third	Middle Third	Upper Third	At or Above Maximum
Exceptional Performance <small>Percent of Population: 5% - 12%</small>	5.0% - 6.0%	4.0% - 5.0%	3.0% - 4.0%	0 - 2.5% (Lump Sum)
Highly Effective Performance <small>Percent of Population: 10% - 15%</small>	4.0% - 5.0%	3.0% - 4.0%	2.0% - 3.0%	0 - 2.0% (Lump Sum)
Effective Performance <small>Percent of Population: 60% - 65%</small>	3.0% - 4.0%	2.0% - 3.0%	1.0% - 2.0%	0 - 1.0% (Lump Sum)
Not Fully Effective Performance <small>Percent of Population: 10% - 12%</small>	Up to 2.0%	Up to 1.0%	None	None
Unsatisfactory Performance <small>Percent of Population: 7% - 9%</small>	None	None	None	None

Percentage increases based on performance and position of pay within salary range.

Below Minimum Guidelines

Employees that fall below the career level salary range minimum are typically eligible for an increase to the career level salary range minimum. Human Resources will review employees in this situation each year and will bring them to your attention.

Promotional Guidelines

Promotional increase guidelines will be 2 to 3 times the targeted average merit increase percentages (e.g., 6.0% to 9.0%).

There are two types of promotions:

1. Promotion: New position is an increase in career level due to change in job responsibilities (increase in scope, complexity, responsibilities, etc.). Usually results in a backfill (additional headcount) of employee's current position.
2. Progression Promotion: A progression is a promotion from one level to the next that has documented criteria which employees need to achieve. This type of promotion does not result in a backfill or additional headcount. Progressions apply to eligible roles in Business Support, Technical Support and Professional career levels. (Example: Customer Care Representative I (B1) progresses to Customer Care Representative II (B2)). Please work with your Human Resources Manager to assess the position and complete a Promotion Criteria & Assessment Document.

Lateral Move

There are two types of lateral moves:

1. Lateral move with comparable responsibility.
 - a. Career Framework categories are the same
 - b. Very similar team management responsibilities (includes contractors), if applicable
 - c. Same complexity of work and/or process
 - d. Other responsibilities align (on-call, committee participation, project leadership, geographic scope)
 - e. Up to 2% increase if employee's salary falls below the new role's pay range midpoint.
 - i. For pay increase, employee needs to be in current role for at least one continuous year
2. Step Change in Responsibility
 - a. Career Framework categories are the same or broader
 - b. Increased team management responsibilities (includes contractors), if applicable
 - c. More complex work, processes, decision-making
 - d. Other responsibilities increase, broaden or deepen (on-call, committee participation, project leadership, geographic scope)
 - e. Up to 5% increase if employee's salary falls below the new role's pay range midpoint and the position's market midpoint
 - i. For pay increase, employee needs to be in current role for at least one continuous year

Move to Lower Career Level

If an employee moves to a position at a lower career level, there will be a pay reduction if the employee's salary falls in the upper third or over the maximum of the new career level. The pay reduction will be 5% per level decrease. If the pay reduction percent does not bring the new rate down to the new career level maximum, the maximum will become the new rate of pay. For example, employee's current position is career level M3 and they are moving to a P2 role. This would be a two-level reduction (M3 -> M2 -> P2) which would result in a 10% base pay reduction if employee's current salary falls in the upper third of the P2 salary range.

Temporary Assignments

For employees that receive job changes due to temporary assignments on special projects, the compensation information on that temporary assignment's offer letter will supersede the guidelines in this memo.

At or Above Maximum Guidelines

- An employee whose pay is at or above the maximum of their career level pay range may receive an increase in a lump sum as shown in the merit grid depending on their performance rating.
- An employee can only receive an increase in base compensation up to the maximum of their career level pay range, and any remaining increase will be paid in a lump sum.

Six Month Interim Performance Appraisal

An interim appraisal every six (6) months is required to review progress for employees who receive an annual performance rating of "Not Fully Effective Performance" or "Unsatisfactory Performance".

The Interim Performance Appraisal should be completed six months after the employee's annual performance appraisal date. For example: An employee receives a "Not Fully Effective Performance" rating at his/her annual review effective December 1st; therefore, an Interim Performance Appraisal is due June 1st. **There is no change in compensation with the Interim Performance Appraisal.**

If you have any questions regarding the above, please feel free to contact me or your local HR representative.

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-26

Request:

Please provide the following monthly labor data for the year prior to the HTY, the HTY and the FTY through the most recent date available.

- a. number of actual employees broken down between type (e.g., salaried, union, non-union, temporary, etc.);
- b. regular payroll broken down between expensed, capitalized and other;
- c. overtime payroll broken down between expensed, capitalized and other;
- d. temporary payroll broken down between expensed, capitalized and other; and
- e. other payroll (specify).

Response:

- a. Please see Attachment SDR-RR-26, page 1.
- b-c. See Attachment SDR-RR-26, page 2.
- d-e. Not available.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-27

Request:

Please provide a copy of all incentive compensation and/or bonus plans and provide the level of related payments included in cost of service.

Response:

Information regarding UGI's UNITE Incentive Compensation Plan and UGI's FY22 Management Incentive Plan are confidential and will be made available to parties upon request and the entry of an acceptable Protective Order.

Please refer to Attachments SDR-RR-27.1 through SDR-RR-27.5 contained on the USB flash drive for a copy of all other incentive compensation plans.

The total expense included within the cost of service is \$11,129,787 for the Fully Projected Future Test Year.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-28

Request:

Please provide the percentage wage rate increases granted by the Company by date and employee category for the three most recent calendar years and the current year to date.

Response:

Please refer to Attachment SDR-RR-28.

Prepared by or under the supervision of: Vivian K. Ressler

**UGI Utilities, Inc. – Gas Division
Wage Rate Increases
2018 – 2021**

Bargaining Unit	2018	2019	2020	2021
System Council U-22 of the IBEW	3.00%	3.00%	2.75%	3.00%
Gas Fitter-Utility Employee Local Union No. 600	3.00%	3.00%	3.00%	2.75%
IBEW Local 2244 (Archbald)	2.75%	3.00%	3.00%	3.00%
IBEW Local 2244 (Honesdale)	3.00%	2.75%	2.75%	2.75%
UWUA Locals 406, 407, 408, 529	2.75%	3.00%	3.00%	3.00%
UWUA Locals 332, 435, 554	3.00%	3.00%	3.00%	2.75%
Teamsters Local 429	3.00%	3.00%	3.00%	2.75%
Teamsters Local 326	3.00%	3.00%	3.00%	2.75%
ICWU/UFCW Local 570	3.00%	3.00%	3.00%	2.75%
Utility Workers Local 2799	3.00%	3.00%	3.00%	2.75%
IBEW Local 1941 (Corrosion Control)	N/A	N/A	N/A	2.75%
IBEW Local 1456 (Operations Support)	N/A	N/A	N/A	2.75%

Future Contractual Increases

Gas Fitter-Utility Employee Local Union No. 600 – 3.00% wage increase 6/1/2022
IBEW Local 2244 (Archbald) – 3.00% wage increase 8/1/2022
IBEW Local 2244 (Honesdale) - 3.00% wage increase 4/1/2022
UWUA Locals 406, 407, 408, 529 – 3.00% wage increase 4/1/2022
UWUA Locals 332, 435, 554 – 3.00% wage increase 7/1/2022
Teamsters Local 429 – 3.00% wage increase 5/1/2022
Teamsters Local 326 – 3.00% wage increase 7/1/2022
ICWU/UFCW Local 570 – 3.00% wage increase 5/16/2022
Utility Workers Local 2799 – 3.00% wage increase 6/2/2022
IBEW Local 1941 (Corrosion Control) – 3.00% wage increase 7/1/2022
IBEW Local 1456 (Operations Support) – 3.00% wage increase 5/1/2022

Non-Union Employees

2018 Actual Merit: 3.57% (exempt = 2.82% nonexempt =3.68%);
2019 Actual Merit: 3.22% (exempt = 3.08% nonexempt =3.24%);
2020 Actual Merit: 3.27% (exempt = 3.23% nonexempt = 3.29%);
2021 YTD Actual Merit: TBD (exempt = TBD nonexempt = 3.25%);

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-29

Request:

Please provide an analysis (description, dates and amounts) of any gains or losses on utility property sold for the lesser of the last three years or since the Company's last rate case or anticipated during the FTY. Explain how such amounts have been treated for ratemaking purposes.

Response:

A gain of \$51,660 was recorded since the last UGI Gas Base Rate Case.

The UGI Gas West Pittston Pump Station land asset was sold in March 2021. The proceeds of the land sale were \$58,410 with an asset value of \$6,750 at the sale date, resulting in a gain of \$51,660. This gain was recorded to FERC account 421.1 – Gain on Disposition of Property.

We anticipate proceeds on sales of vehicles during the FY2022 (FTY) and FY2023 (FPFTY) of \$500,000 each year. For ratemaking purposes, these proceeds are treated as net salvage.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-30

Request:

Please provide the level of each of the following which is included in the Company's cost of service by separate type and/or payee, which are incurred directly by the Company or are allocated or billed to the Company by affiliates or its parent company.

- a. fines and penalties
- b. contributions and donations
- c. membership dues
- d. lobbying expense
- e. employee activity costs (e.g., picnics, parties, awards)
- f. investor relations expenses

Response:

- a. No costs for fines and penalties are included.
- b. No costs for contributions and donations are included.
- c. Please refer to Attachment SDR-RR-30.
- d. No lobbying expenses are included.
- e. The cost of service includes direct employee activity costs (e.g., picnics, parties, awards) in the amount of \$588,226 for the fully projected future test year.
- f. The cost of service includes allocated investor relations expenses in the amount of \$131,918 for the fully projected future test year.

UGI UTILITIES, INC. - GAS DIVISION
SCHEDULE OF COMPANY MEMBERSHIPS
FOR THE YEAR ENDED SEPTEMBER 30, 2023

<u>Organization Name</u>	<u>2023</u>
Allentown Economic Development Corp.	\$ 5,148
American Gas Association	621,015 *
Association for material protection and performance	1,932
Cyber Resilient Energy Delivery Consortium	30,480
Economic Development Co. of Lancaster County	32,964
Energy Association of Pennsylvania	154,317 **
Energy Solutions Center Inc.	6,225
Focus Central Pennsylvania Inc.	3,096
Lebanon Valley Economic Development Corp.	8,244
Lehigh Valley Economic Development Corp	21,636
Natural Gas Supply Collaborative	20,000
Natural Gas Vehicles for America	26,753
Northeast Gas Association	55,000
Northeastern Pennsylvania Alliance	1,704
Penn's Northeast	5,664
Pennsylvania Chamber of Business & Industry	66,521
Pennsylvania Economy League	12,117
Society of Gas Operators	1,863
The Coalition for renewable natural gas	29,000
Organizations Under \$1,500	11,724
	<u>\$ 1,115,404</u>

* Of the American Gas Association expense shown for the fully projected future test year, \$597,416 will be included in the claim, while \$23,599 relates to lobbying activities and will be excluded.

** Of the Energy Association of Pennsylvania expense shown for the fully projected future test year, \$145,058 will be included in the claim, while \$9,259 relates to lobbying activities and will be excluded.

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-31

Request:

Please provide a description and the purpose for membership for each organization listed in the previous response.

Response:

Refer to response SDR-RR-32 for the purpose of memberships in industry organizations. The purpose of the Company's membership in other organizations is to improve the welfare, educational, social and economic climate in the Company's local communities, as well as to sponsor memberships for employees whose active participation in these organizations would be in the best interests of the Company and the communities within which the Company serves.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-32

Request:

Please provide the level of payments made to industry organizations included in cost of service along with a description of each payee organization or project.

Response:

Please refer to Attachment SDR-RR-32 for the industry organization payments included in the cost of service. The description of each payee organization is provided below.

- The American Gas Association (AGA) is a trade association that represents more than 200 local energy companies that deliver clean natural gas throughout the United States.
- The Cyber Resilient Energy Delivery Consortium (CREDC) performs multidisciplinary R&D in support of the Energy Sector Control Systems Working Group's Roadmap of resilient Energy Delivery Systems (EDS) that focuses on the cybersecurity of EDS.
- The Energy Association of Pennsylvania (EAP) is a trade association whose members include the electric and natural gas utilities operating in Pennsylvania.
- The Energy Solutions Center, Inc. (ESC) is a non-profit organization of energy utilities and equipment manufacturers that promotes energy efficient natural gas solutions and systems for use by residential, commercial, and industrial energy users.
- The Natural Gas Supply Collaborative (NGSC) is a voluntary collaborative of natural gas purchasers that are promoting safe and responsible practices for natural gas supply.
- The Natural Gas Vehicles for America (NGVAmerica) is a national organization dedicated to the development of a growing, profitable, and sustainable market for vehicles powered by natural gas or biomethane.
- The Northeast Gas Association (NGA) is a regional trade association that focuses on education and training, technology research and development, operations, planning, and increasing public awareness of natural gas in the Northeast U.S.

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-32 (Continued)

- The Society of Gas Lighting is a group of over 100 industry executives from the Northeast and Mid-Atlantic states that meet to engage fellow members, and their guests, in discussion about the issues of the day as they may affect the development, transmission or distribution of natural gas.
- The Society of Gas Operators is an Industry group focusing on the sharing of information and topics relevant to Gas Operations. Membership is predominantly from gas companies and suppliers in the Northeast United States.
- The Coalition for Renewable Natural Gas (RNG Coalition) serves as the public policy advocate and education platform for Renewable Natural Gas in North America.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI UTILITIES, INC. - GAS DIVISION
SCHEDULE OF INDUSTRY ORGANIZATION PAYMENTS
FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 2023

Organization Name	Included in Claim	Excluded from Claim*	Total Payment
American Gas Association	\$ 597,416	\$ 23,599	\$ 621,015
Cyber Resilient Energy Delivery Consortium	30,480	-	30,480
Energy Association of Pennsylvania	145,058	9,259	154,317
Energy Solutions Center Inc.	6,225	-	6,225
Natural Gas Supply Collaborative	20,000	-	20,000
Natural Gas Vehicles for America	26,753	-	26,753
Northeast Gas Association	55,000	-	55,000
Society of Gas Lighting	1,257	-	1,257
Society of Gas Operators	1,863	-	1,863
The Coalition for Renewable Natural Gas	29,000	-	29,000
	<u>\$ 913,052</u>	<u>\$ 32,858</u>	<u>\$ 945,910</u>

* Expenses related to lobbying activities have been excluded from the cost of service.

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-33

Request:

Please provide the following information related to the Company's membership in AGA:

- a. Cost included in requested cost of service.
- b. Cost excluded from requested cost of service.
- c. Copy of the most recent audit report of AGA expenditures prepared by NARUC.
- d. Most recent correspondence received from AGA which addresses the percentage of dues related to lobbying or other separate activities.
- e. Policy statement, objective, purpose, etc. of AGA.

Response:

- a. The cost of service includes membership fees paid to AGA in the amounts of \$563,094 for historic, \$580,015 for future and \$597,416 for fully projected future test years, respectively.
- b. The cost of service excludes membership fees paid to AGA for lobbying activities in the amounts of \$22,243 for historic, \$22,911 for future and \$23,599 for fully projected future test years, respectively.
- c. NARUC last performed an audit of AGA expenditures in 2002, for which the audit report has been provided in Attachment SDR-RR-33.c.
- d. Please refer to Attachment SDR-RR-33.d.
- e. Please refer to Attachment SDR-RR-33.e.

AUDIT REPORT ON THE EXPENDITURES

OF THE

AMERICAN GAS ASSOCIATION

(For the 12 month period ended December 31, 2002

March 2005



**NARUC STAFF SUBCOMMITTEE
ON ACCOUNTING AND FINANCE**

**National Association of
Regulatory Utility Commissioners
1101 Vermont Avenue; Suite 200
Washington, D.C. 20005**



N A R U C
National Association of Regulatory Utility Commissioners

March 2005

To: The State Regulatory Commissions
From: The NARUC Staff Subcommittee on Accounting and Finance
Re: Transmittal of the 2002 Report on the Expenditures of the American Gas Association

Dear State Regulatory Commissions:

This is the annual report on the expenditures of the American Gas Association (AGA) provided for your review and consideration. Hopefully you will find the information contained herein to be useful in helping you to decide which, if any, of the costs of the association you should approve for inclusion in utility rates. Often, state commissioners review the costs of the association charged or allocated to the utilities in their jurisdiction in accordance with the policies of their commission for treatment of costs directly incurred by the state's utilities for similar activities.

With the possible exception of expenses directly related to research and development relevant to utility operations, and a proportional amount of associated administrative overhead expense, these expense categories may be viewed by some State commissions as potential vehicles for charging ratepayers with such costs as lobbying, advocacy or promotional activities which may not be to their benefit.

The Staff Subcommittee on Accounting and Finance is pleased to provide you with the AGA report for 2002 to allow you to review the information contained therein and to utilize it in a manner consistent with your commission's regulatory policies and practices.

Sincerely,

Thomas J. Ferris
Chair
Staff Subcommittee on Accounting and Finance

Calculation of Lobbying Expenses Pursuant to
Internal Revenue Code Section 162(e)

The American Gas Association incurred lobbying expenses, as defined under IRC Section 162, of 2.28% of total member dues during calendar year 2002.

IRC Section 162 Definition of Lobbying

- (e) Denial of deduction for certain lobbying and political expenditures
- (1) In general no deduction shall be allowed under subsection (a) for any amount paid or incurred in connection with -
 - (A) influencing legislation,
 - (B) participation in, or intervention in, any political campaign on behalf of (or in opposition to) any candidate for public office,
 - (C) any attempt to influence the general public, or segments thereof, with respect to elections, legislative matters, or referendums, or
 - (D) any direct communication with a covered executive branch official in an attempt to influence the official actions or positions of such official.
 - (2) Exception for local legislation - In the case of any legislation of any local council or similar governing body -
 - (A) paragraph (1)(A) shall not apply, and
 - (B) the deduction allowed by subsection (a) shall include all ordinary and necessary expenses (including, but not limited to, traveling expenses described in subsection (a)(2) and the cost of preparing testimony) paid or incurred during the taxable year in carrying on any trade or business -
 - (i) in direct connection with appearances before, submission of statements to, or sending communications to the committees, or individual members, of such council or body with respect to legislation or proposed legislation of direct interest to the taxpayer, or
 - (ii) in direct connection with communication of information between the taxpayer and an organization of which the taxpayer is a member with respect to any such legislation or proposed legislation which is of direct interest to the taxpayer and to such organization, and that portion of the dues so paid or incurred with respect to any organization of which the taxpayer is a member which is attributable to the expenses of the activities described in clauses (i) and (ii) carried on by such organization.
 - (3) Application to dues of tax-exempt organizations - No deduction shall be allowed under subsection (a) for the portion of dues or other similar amounts paid by the taxpayer to an organization which is exempt from tax under this subtitle which the organization notifies the taxpayer under section 6033(e)(1)(A)(ii) is allocable to expenditures to which paragraph (1) applies.
 - (4) Influencing legislation - For purposes of this subsection -
 - (A) In general The term "influencing legislation" means any attempt to influence any legislation through communication with any member or employee of a legislative body, or with any government official or employee who may participate in the formulation of legislation.
 - (B) Legislation - The term "legislation" has the meaning given such term by section 4911(e)(2).
 - (5) Other special rules
 - (A) Exception for certain taxpayers - In the case of any taxpayer engaged in the trade or business of conducting activities described in paragraph (1), paragraph (1) shall not apply to expenditures of the taxpayer in conducting such activities directly on behalf of another person (but shall apply to payments by such other person to the taxpayer for conducting such activities).
 - (B) De minimis exception
 - (i) In general Paragraph (1) shall not apply to any in-house expenditures for any taxable year if such expenditures do not exceed \$2,000. In determining whether a taxpayer exceeds the \$2,000 limit under this clause, there shall not be taken into account overhead costs otherwise allocable to activities described in paragraphs (1)(A) and (D).
 - (ii) In-house expenditures for purposes of clause (i), the term "in-house expenditures" means expenditures described in paragraphs (1)(A) and (D) other than -
 - (I) payments by the taxpayer to a person engaged in the trade or business of conducting activities described in paragraph (1) for the conduct of such activities on behalf of the taxpayer, or
 - (II) dues or other similar amounts paid or incurred by the taxpayer which are allocable to activities described in paragraph (1).
 - (C) Expenses incurred in connection with lobbying and political activities - Any amount paid or incurred for research for, or preparation, planning, or coordination of, any activity described in paragraph (1) shall be treated as paid or incurred in connection with such activity.
 - (6) Covered executive branch official - For purposes of this subsection, the term "covered executive branch official" means -
 - (A) the President,
 - (B) the Vice President,
 - (C) any officer or employee of the White House Office of the Executive Office of the President, and the 2 most senior level officers of each of the other agencies in such Executive Office, and
 - (D) (i) any individual serving in a position in level I of the Executive Schedule under section 5312 of title 5, United States Code, (ii) any other individual designated by the President as having Cabinet level status, and (iii) any immediate deputy of an individual described in clause (i) or (ii).
 - (7) Special rule for Indian tribal governments - For purposes of this subsection, an Indian tribal government shall be treated in the same manner as a local council or similar governing body.
 - (8) Cross reference - For reporting requirements and alternative taxes related to this subsection, see section 6033(e).

Citation: IRC Sec. 6033(e)

AMERICAN GAS ASSOCIATION

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In accordance with agreement between
American Gas Association and NARUC Oversight Committee

For the Year Ended December 31, 2002

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Internal Revenue Service Form 990

The American Gas Association is a non-profit and tax exempt organization required to file informational returns with the U.S. Internal Revenue Service (IRS). Public inspection of the completed American Gas Association Exempt Organization Return (IRS Form 990) may be made in accordance with IRS regulation by request directly to the Internal Revenue Service, Attention: FOI Reading Room, 1111 Constitution Avenue, N.W., Washington, D.C. 20224. The American Gas Association makes its Exempt Organization Return available for public inspection during normal business hours (9:00 a.m. - 5:00 p.m.) at the Association's principal office, 400 N. Capitol St., N.W., Washington, D.C. 20001, preferably by written request directed to Joseph L. Martin, AGA's Controller, at the same address. State public utility commissions that wish to receive a copy of AGA's Exempt Organization Return should also direct their request to Joseph Martin. Internal Revenue Service Form 4506-A may also be used to request copies of the return from the Internal Revenue Service if public inspection is not desired by the requestor. IRS may make a charge for its photocopying service.

AMERICAN GAS ASSOCIATIONNotes to Financial Statements

(1) **Continued****Revenue Recognition**

Membership dues are recognized as revenue in the year to which the membership applies. Dues received in advance are deferred. Publications revenue is recognized upon the sale of the related publication and meetings revenue is recognized when the related meetings are held.

Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Functional Allocation of Expenses

The costs of providing the various programs and other activities have been summarized on a functional basis in the statements of activities. Accordingly, certain costs have been allocated among the programs and supporting services benefited. Salaries are charged directly to the programs and supporting services served. Fringe benefits are allocated to the programs and supporting services proportionate to salaries charged, and certain expenses benefiting all programs and supporting services are allocated based on the number of staff supporting each service.

Income Taxes

The Association is recognized as exempt from federal income tax under Section 501(c)(6) of the Internal Revenue Code, except for taxes on unrelated business income. Income tax expense on unrelated business activities totaled approximately \$25,000 and \$20,500 for the years ended December 31, 2002 and 2001, respectively.

The Association has elected to pay the federal proxy tax on behalf of its members on expenses related to lobbying activities. The proxy tax approximates \$125,000 for both years ended December 31, 2002 and 2001.

Reclassifications

Certain reclassifications of prior year balances have been made to conform to the current year presentation.

AMERICAN GAS ASSOCIATION

Notes to Financial Statements

(2) Cash and Cash Equivalents and Marketable Securities

At December 31, 2002 and 2001, the components of cash and cash equivalents and marketable securities were as follows:

	2002	2001
Cash	\$ 482,603	\$ 461,013
Cash equivalents:		
Money market accounts	1,432,064	2,204,914
U.S. government agency obligations	599,760	-
Commercial paper	749,102	347,584
Total cash and cash equivalents	\$ 3,263,529	\$ 3,013,511
U.S. government agency obligations	\$ 4,053,550	\$ 4,322,497
Mortgage-backed securities	-	255,117
Corporate obligations	1,737,602	1,544,019
Other debt securities	9,128,124	9,968,957
Equity mutual funds and securities	5,757,285	6,980,682
Total marketable securities	\$ 20,676,561	\$ 23,071,272

(3) Property, Plant, and Equipment

Property, plant, and equipment are composed of the following as of December 31, 2002 and 2001:

	2002	2001
Leasehold improvements	\$ 986,148	\$ 949,311
Equipment	3,267,192	3,624,270
Furniture and fixtures	1,199,761	1,199,761
	5,453,101	5,773,342
Less accumulated depreciation and amortization	(2,844,837)	(2,557,526)
Property, plant, and equipment, net	\$ 2,608,264	\$ 3,215,816

AMERICAN GAS ASSOCIATION

Notes to Financial Statements

(4) Pension and Other Postretirement Benefits

The Association has the following noncontributory defined benefit pension plans:

- a qualified plan which covers substantially all Association employees,
- a non-qualified plan which is for employees who were determined to be eligible by the Association's Compensation Committee when the plan was created in 1985 (plan was frozen to new participants in 1986), and
- a non-qualified "excess" plan for those employees whose compensation exceeds the IRS limits for the qualified plan. This plan was approved by the Compensation Committee and is effective January 1, 2003.

These plans provide retirement benefits based on employees' years of services and compensation prior to retirement. In addition, there is an unfunded, nonqualified supplemental retirement benefit plan for the President and CEO that was approved by the Board of Directors in February 2001.

The funded plan's assets consist primarily of common stocks and U.S. government and corporate bonds.

The following provides a reconciliation of benefit obligations, plan assets, and funded status of the plans at December 31, 2002 and 2001:

	Pension Benefits		Other Postretirement Benefits	
	2002	2001	2002	2001
Benefit obligation	\$ 25,592,012	\$ 23,168,922	\$ 8,489,792	\$ 7,554,951
Fair value of plan assets	19,832,983	23,282,900	4,203,939	5,037,630
Funded status	\$ (5,759,029)	\$ 113,978	\$ (4,285,853)	\$ (2,517,321)
Accrued benefit cost recognized in the statements of financial position	\$ 1,531,068	\$ 1,045,369	\$ 850,289	\$ 854,771
Intangible asset recognized in the statements of financial position	\$ 98,428	\$ -	\$ -	\$ -

AMERICAN GAS ASSOCIATION

Notes to Financial Statements

(4) Continued

Weighted-average assumptions:	Pension Benefits		Other Postretirement Benefits	
	2002	2001	2002	2001
Discount rate	6.75%	7.25%	6.75%	7.25%
Expected return on plan assets	8.50%	8.50%	8.50%	8.50%
Rate of compensation increase	4.50%	4.50%	N/A	N/A

Net periodic pension and other postretirement costs for 2002 and 2001 include the following components:

	Pension Benefits		Other Postretirement Benefits	
	2002	2001	2002	2001
Pension (benefit) cost	\$ 461,488	\$ 139,626	\$ 205,763	\$ 23,285
Employer contribution	443,191	211,414	218,476	-
Plan participants' contributions	-	-	47,554	123,910
Benefits paid	1,576,467	1,341,069	545,110	594,492

In accordance with Statement of Financial Accounting Standard (SFAS) No. 87, "Employers' Accounting for Pensions", the Association has recognized the required minimum liability represented by the excess of the accumulated benefit obligation over the plan assets at December 31, 2002 and 2001, which totaled \$827,925 and \$360,522, respectively. An intangible pension asset of \$98,428, representing the unamortized prior service cost of the defined benefit plan, has been recognized within prepaid expenses and other assets in the accompanying statement of financial position as of December 31, 2002. The change in the total minimum liability of \$368,975 is being recognized as a reduction to unrestricted net assets.

AMERICAN GAS ASSOCIATION
2021 and 2022 BUDGET

Expenses	\$ 2021 Allocation	% 2021 Allocation	\$ 2022 Allocation	% 2022 Allocation
Communications	\$ 3,409,000	8.63%	\$ 3,234,000	7.95%
Energy Markets, Analysis, and Standards	\$ 4,840,000	12.26%	\$ 4,403,000	10.82%
General and Administrative	\$ 8,466,000	21.44%	\$ 9,963,000	24.49%
General Counsel and Regulatory Affairs	\$ 3,180,000	8.05%	\$ 3,637,000	8.94%
Government Affairs and Public Policy	\$ 5,428,000	13.74%	\$ 5,991,000	14.73%
Industry Finance & Administrative Programs	\$ 1,430,000	3.62%	\$ 1,540,000	3.79%
Membership and Strategic Development	\$ 4,222,000	10.69%	\$ 4,323,000	10.63%
Operations and Engineering	\$ 8,516,000	21.56%	\$ 7,586,000	18.65%
Expense Budget *	\$ 39,491,000	100.00%	\$ 40,677,000	100.00%

Notes

AGA estimates that lobbying expenses, as defined under IRC Section 162, will account for 3.8% of members dues in 2021.

* Does not include certain expenses or activities not funded by annual member company dues.



VISION STATEMENT

Committed to leveraging and utilizing America's abundant, domestic, affordable and clean natural gas to help meet the nation's energy and environmental needs.

MISSION STATEMENT

The American Gas Association (AGA) represents companies delivering natural gas safely, reliably, and in an environmentally responsible way to help improve the quality of life for their customers every day. AGA's mission is to provide clear value to its membership and serve as the indispensable, leading voice and facilitator on its behalf in promoting the safe, reliable, and efficient delivery of natural gas to homes and businesses across the nation.

CORE STRENGTHS

1. Conducts programs and develops standards to help enhance the safe delivery of natural gas to consumers;
2. Advocates for natural gas industry issues, regulatory constructs and business models that are priorities for the industry;
3. Promotes growth in the efficient use of natural gas by emphasizing before a variety of stakeholders the benefits of clean, abundant natural gas as part of the solution to the nation's energy and environmental goals;
4. Facilitates the exchange of information and improvement of performance metrics to help members achieve operational excellence;
5. Helps members manage and respond to the energy needs of customers, regulatory trends, natural gas or capital market issues and emerging technologies;
6. Collects, analyzes and disseminates information to opinion leaders, policy makers and consumers about the benefits provided by energy utilities and the natural gas industry;
7. Encourages the development, commercialization, and regulatory acceptance of natural gas end-use technologies; and
8. Delivers measurable value to AGA members.

Approved: October 13, 2015

AMERICAN GAS ASSOCIATION

Definitions of Functional Cost Centers
For the Year Ended December 31, 2017

Communications develops informational material for member companies and consumers and coordinates all media activity.

Corporate Affairs provides opportunities for interaction between member companies and the financial community. The focus is to promote interest in the investment opportunities in the industry.

Energy Analysis & Standards identifies the need for and conducts energy analyses and modeling efforts in the areas of gas supply and demand, economics, and the environment. It supports the development of building energy codes and standards that help enhance natural gas safety.

General and Administrative includes:

1. Office of the President provides senior management guidance for all AGA activities.
2. Human Resources develops and administers employee programs and provides office and personnel services.
3. Finance and Administration develops and administers financial accounting and treasury services and maintains computer services capability.

General Counsel & Federal Regulatory Affairs includes:

1. General Counsel provides legal counsel to the Association.
2. Federal Regulatory Affairs provides members with information on FERC and state regulatory developments; prepares testimony, comments, and filings regarding regulatory activities.

Government Relations provides members with information on legislative developments; prepares testimony, comments, and filings regarding legislative activities, lobbies on behalf of the industry.

Industry Finance and Administration develops and implements programs in such areas as accounting, human resources, and risk management for member companies.

Operations and Engineering develops and implements programs and practices to meet the operational, safety, and engineering needs of the industry.

Policy leads AGA's policy strategy development, engages key stakeholders and policy makers and develops studies and joint initiatives that support advancing the industry's advocacy priorities. It supports the growth objectives of members by advancing sustainable growth opportunities for the direct and distributed use of natural gas in the residential, commercial and industrial markets.

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-34

Request:

Please provide a copy of the most recent FERC audit findings, the Company's response and final disposition of audit exceptions.

Response:

A copy of our most recent FERC Audit findings can be found at https://elibrary.ferc.gov/eLibrary/filelist?accession_number=20210114-3022&optimized=false.

Please see Attachment SDR-RR-34 for the Company's response to those findings.

No final disposition of the audit exceptions has occurred to date.

Prepared by or under the supervision of: Vivian K. Ressler



UGI Utilities, Inc.
1 UGI Drive
Denver, PA 17517
(610) 796-3400

Via Electronic Delivery

February 12, 2021

Kristen Fleet
Acting Director and Chief Accountant
Division of Audits and Accounting
Office of Enforcement
Federal Energy Regulatory Commission
888 First Street NE, Room 51-59
Washington, DC 20426

RE: UGI Utilities, Inc.
Docket No. FA20-3-000
Implementation Plan in Response to January 14, 2021 Audit Report

Dear Ms. Fleet:

In conjunction with UGI Utilities, Inc.'s ("UGIU's") January 8, 2021 response to the Federal Regulatory Commission (the "Commission") audit report dated January 14, 2021 ("Audit Report"), please accept UGIU's plan of implementing the audit recommendations contained in the Audit Report.

As set forth in the attached implementation plan, UGIU accepts many of the Division of Audit and Accounting's ("DAA's") audit findings and recommendations in the Audit Report and provides documented corrective action plans and timelines for each of the 50 recommendations. UGIU will make quarterly submissions to DAA describing the progress made with respect to each recommendation, beginning within 30 days after the end of the first calendar quarter, and continuing until all the corrective actions are completed. UGIU's submission of its implementation plan is without prejudice to, or waiver of its rights, including its right to contest the Commission's authority generally to make retroactive changes to, or require refunds for, rates that have been allowed to go into effect.

Should you have any questions concerning UGIU's response, please direct your questions to [REDACTED], or me, at [REDACTED].

Sincerely,

[REDACTED]

Controller

INTRODUCTION

UGI Utilities, Inc. (“UGIU” or “the Company”) hereby submits the following Implementation Plan (“Plan”) in response to the Division of Audits and Accounting (“DAA”) within the Office of Enforcement (“OE”) of the Federal Energy Regulatory Commission’s (“FERC”) audit covering the period January 1, 2017 through July 29, 2020.

The Plan is organized to address each finding and recommendation contained in the OE’S audit report dated January 14, 2021. For each finding, the Plan states the Company’s response, and for each recommendation, the Plan states the action to be taken, the individual responsible, and the expected completion date.

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UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

1. EXCESS ACCUMULATED DEFERRED INCOME TAX

UGIU improperly recorded the excess Accumulated Deferred Income Taxes (ADIT) related to the 2017 Tax Cuts and Jobs Act in Account 282, Accumulated Deferred Income Taxes – Other Property and Account 190, Accumulated Deferred Income Taxes. In addition, UGIU improperly excluded excess and deficient ADIT, created as a result of the 2017 Tax Cuts and Jobs Act, from its wholesale transmission formula rate computation. As a result, UGIU overstated its annual transmission revenue requirement by approximately \$357,476 and overbilled wholesale transmission customers in 2018.

UGIU Response

UGIU accepts this finding and the recommendations.

RECOMMENDATION NO. 1

Implement procedures to ensure that deficient and excess ADIT asset and liability amounts are included in rate base for the computation of the annual transmission revenue requirement.

Action: On May 15, 2020, UGIU submitted an Order No. 864 Compliance Filing making updates to its formula rate to encompass the impacts of the TCJA relates to such items as excess ADIT and its subsequent amortization. Further, in filing its 2019 FERC formula rate, the Company included the excess ADIT in its wholesale transmission formula rate computation. Lastly, the Company made correcting entries to reclass the deferred tax asset associated with the excess ADIT from account 190 to account 282.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

Expected Completion Date: Completed

RECOMMENDATION NO. 2

Revise its accounting policies and procedures to ensure that the effect of changes in tax laws or tax rates are implemented in accordance with the Commission's accounting guidance in Docket No. AI93-5.

Action: UGIU will internally develop and deliver training to its staff to ensure that the effect of changes in tax laws or tax rates are implemented in accordance with the Commission's accounting guidance. In addition, UGIU will formalize future periodic training with internal and external counsel to ensure that the proper accounting individuals are knowledgeable on any FERC accounting and tax updates.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

Expected Completion Date: The internal training will be conducted by May 15, 2021. The training with counsel will be conducted within 12 months of issuance of the audit report.

RECOMMENDATION NO. 3

Submit correcting journal entries, within 60 days of issuance of this audit report, with proposed accounting entries and supporting documentation to DAA that reflect corrections to recorded excess and deficient ADIT in the appropriate USofA accounts.

Action: UGIU will submit correcting journal entries reflecting corrections to recorded excess and deficient ADIT in the appropriate USofA accounts to DAA.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 4

Submit a refund analysis, within 60 days of issuance of the audit report, to DAA for review that explains and details the following: (1) calculation of refunds that include the amount of excess and deficient ADIT asset and liability amounts excluded from the transmission formula rates in 2018, plus interest; (2) determinative components of the refund; (3) refund method; and (4) period(s) refunds will be made.

Action: UGIU will complete and submit a refund analysis to DAA that explains and details all items listed in recommendation no. 4.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 5

File a refund report with the Commission after receiving DAA's assessment of the refund analysis.

Action: UGIU will file a consolidated refund report with the Commission after receiving DAA's assessment of the submitted refund analysis.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

Expected Completion Date: Within 60 days of receiving DAA's assessment of the submitted refund analysis.

RECOMMENDATION NO. 6

Refund amounts disclosed in the refund report to wholesale transmission customers with interest calculated in accordance with section 35.19a of the Commission's regulations.

Action: UGIU will refund amounts disclosed in the refund report as specified in recommendation no. 6.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

Expected Completion Date: Amounts will be refunded as a reduction of UGIU's transmission rates, reflected in its first formula rate filing following the filing of the related refund report.

2. ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION

UGIU's method for computing its AFUDC rate was deficient. Specifically, UGIU improperly excluded short-term debt, as the first source of financing construction, in calculating its AFUDC rate. In addition, UGIU improperly included Account 216.1, Unappropriated Undistributed Subsidiary Earnings, and Account 219, Accumulated Other Comprehensive Income, in the equity component to compute its AFUDC rate. Also, UGIU improperly used its fiscal year-end book balance for long-term debt and common equity amounts when computing its AFUDC rate rather than the calendar year-end balances reported in its FERC Form No. 1 during the audit period. As a result, UGIU overaccrued AFUDC amounts included in utility plant accounts by approximately \$436,000 from 2017 to 2019 and overbilled wholesale transmission customers.

UGIU Response

UGIU accepts this finding and the recommendations. The Company has calculated the overaccrued amount related to transmission customers to be approximately \$58,000.

RECOMMENDATION NO. 7

Revise and implement procedures to ensure that AFUDC rate calculations are consistent with Order Nos. 561 and 561-A, EPI No. 3 (A)(17), and other applicable Commission requirements.

Action: During 2019, UGIU revised its procedures to ensure that the AFUDC rate calculations are consistent with applicable Commission requirements.

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: Completed

RECOMMENDATION NO. 8

Revise its procedures to ensure that it includes short-term debt in the computation of the AFUDC rate for its electric utility business.

Action: During 2019, UGIU revised its procedures to ensure that short-term debt is included in the computation of the AFUDC rate for its electric utility business.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: Completed

RECOMMENDATION NO. 9

Revise its procedures to exclude Account 216.1 and Account 219 balances from the equity components used to derive its AFUDC rate.

Action: During 2019, UGIU revised its procedures to exclude Account 216.1 and Account 219 balances from the equity components used to derive its AFUDC rate.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: Completed

RECOMMENDATION NO. 10

Revise its procedures to ensure that it computes AFUDC rates using the calendar year-end balances reported in its FERC Form No. 1 for common equity, preferred stock, and long-term debt.

Action: UGIU will file a request for waiver to continue its practice of using its fiscal year-end balances for common equity, preferred stock and long-term debt balances in its AFUDC rate computation.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: December 31, 2021

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

RECOMMENDATION NO. 11

Provide training to its staff on the revised procedures implemented under Recommendation Nos. 7, 8, 9, and 10. Provide periodic training in these areas as needed.

Action: UGIU will internally develop and deliver training to its staff on the revised procedures implemented under Recommendation Nos. 7, 8, 9, and 10. In addition, UGIU will formalize future periodic training with internal and external counsel to ensure that the proper accounting individuals are knowledgeable on any FERC accounting and tax updates.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: The internal training will be conducted by May 15, 2021. The training with counsel will be conducted within 12 months of issuance of the audit report.

RECOMMENDATION NO. 12

Recalculate its accrued AFUDC, in a manner consistent with EPI No. 3(A)(17) that corrects for the improper exclusion of short-term debt, improper inclusion of Account 216.1 and 219 balances, and improper use of fiscal year-end book balances for common equity, preferred stock, and long-term debt from 2012 through the date of issuance of the audit report.

Action: UGIU will recalculate its accrued AFUDC, as specified in recommendation no. 12.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 13

Submit proposed accounting entries and supporting documentation to DAA that reflect the correction of the CWIP, electric plant in service, accumulated depreciation, ADIT, and other accounts impacted by over-accrual of AFUDC within 60 days of issuance of the audit report.

Action: UGIU will submit proposed accounting entries and supporting documentation as specified in recommendation no. 13 to DAA.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: March 15, 2021

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

RECOMMENDATION NO. 14

Submit a refund analysis, within 60 days of issuance of the audit report, to DAA for review that explains and details the following: (1) calculation of refunds that include the amount of excess AFUDC included in the transmission formula rates since 2017, plus interest; (2) determinative components of the refund; (3) refund method; and (4) period(s) refunds will be made.

Action: UGIU will complete and submit a refund analysis to DAA that explains all items listed in recommendation no. 14.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 15

Revise CWIP, electric plant in service, accumulated depreciation, ADIT, and other accounts impacted by over-accrual of AFUDC after receiving DAA's assessment of the proposed accounting entries per Recommendation No. 13 and restate and footnote the FERC Form No. 1 for current and comparative years as necessary.

Action: UGIU will revise CWIP, electric plant in service, accumulated depreciation, ADIT, and other accounts impacted by over-accrual of AFUDC and restate and footnote the FERC Form No. 1 for current and comparative years as necessary.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: FERC Form No. 1 will be updated as necessary as described in recommendation No. 15 in the Company's first FERC Form No. 1 dated after the receipt of the DAA's assessment of the submitted proposed accounting entries.

RECOMMENDATION NO. 16

File a refund report with the Commission after receiving DAA's assessment of the refund analysis.

Action: UGIU will file a consolidated refund report with the Commission after receiving DAA's assessment of the submitted refund analysis.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

Expected Completion Date: Within 60 days of receiving DAA's assessment of the submitted refund analysis.

RECOMMENDATION NO. 17

Refund the amounts disclosed in the refund report to wholesale customers, with interest calculated in accordance with section 35.19a of Commission regulations.

Action: UGIU will refund amounts disclosed in the refund report as specified in recommendation no. 17.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: Amounts will be refunded as a reduction of UGIU's transmission rates, reflected in its first formula rate filing following the filing of the related refund report.

3. POSTRETIREMENT BENEFITS OTHER THAN PENSIONS

UGIU improperly included ADIT related to SFAS 106, Employers' Accounting for Postretirement Benefits Other Than Pensions, as an input to its wholesale transmission formula rate contrary to the directives of its tariff. As a result, UGIU overstated the ADIT balances included in its wholesale transmission formula rate, which led to overstating its annual transmission revenue requirements and overbilling its wholesale transmission customers.

UGIU Response

UGIU accepts this finding and the recommendations.

RECOMMENDATION NO. 18

Revise and implement procedures, policies, and controls to track and review the transmission formula rate inputs and calculations for accuracy, completeness, and compliance with UGIU's Commission approved formula rate.

Action: UGIU corrected this inadvertent formula error in filing its 2020 FERC formula rate.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

Expected Completion Date: Completed

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

RECOMMENDATION NO. 19

Provide training to staff on the revised wholesale transmission formula rate procedures. Also, develop a training program that supports the provision of periodic training in this area, as needed.

Action: UGIU will internally develop and deliver training to its staff on the revised wholesale transmission formula rate procedures. In addition, UGIU will formalize future periodic training with internal and external counsel to ensure that the proper accounting individuals are knowledgeable on any FERC accounting and tax updates.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

Expected Completion Date: The internal training will be conducted by May 15, 2021. The training with counsel will be conducted within 12 months of issuance of the audit report.

RECOMMENDATION NO. 20

Submit a refund analysis to DAA, within 60 days of issuance of this audit report, that explains and details the following: (1) calculation of refunds that include the amount of inappropriate recoveries during the audit period that resulted from the inclusion SFAS 106 amounts plus interest; (2) determinative components of the refund; (3) refund method; and (4) period(s) refunds will be made.

Action: UGIU will complete and submit a refund analysis to DAA that explains and details all items listed in recommendation no. 20.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 21

File a refund report with the Commission after receiving DAA's assessment of the refund analysis.

Action: UGIU will file a consolidated refund report with the Commission after receiving DAA's assessment of the submitted refund analysis.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

Expected Completion Date: Within 60 days of receiving DAA's assessment of the submitted refund analysis.

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

RECOMMENDATION NO. 22

Refund the amounts disclosed in the refund report to wholesale transmission customers with interest calculated in accordance with section 35.19a of the Commission's regulations.

Action: UGIU will refund amounts disclosed in the refund report as specified in recommendation no. 22.

Individual Responsible: Senior Manager Natural Gas Tax Accounting

Expected Completion Date: Amounts will be refunded as a reduction of UGIU's transmission rates, reflected in its first formula rate filing following the filing of the related refund report.

4. COMMON PLANT O&M EXPENSES

UGIU improperly included common plant O&M expenses, that were also included as A&G expenses, in its wholesale transmission formula rate. As a result, UGIU double counted expenses associated with common plant, and consequently, overstated its wholesale transmission revenue requirement by approximately \$423,454 during the audit period. This led UGIU to overbill its wholesale transmission customers.

UGIU Response

UGIU accepts this finding and the recommendations.

RECOMMENDATION NO. 23

Develop and implement procedures, policies, and controls to ensure expenses included in the transmission formula rate are not included in multiple areas.

Action: UGIU will develop and implement procedures, policies, and controls, focusing on coding of the Company's natural chart of accounts, mapping to the FERC chart of accounts, and how those amounts are inputted to the Company's formula rate. This will ensure expenses included in the transmission formula rate are not included in multiple areas.

Individual Responsible: Assistant Controller

Expected Completion Date: May 15, 2021

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

RECOMMENDATION NO. 24

Provide training to staff on the revised transmission formula rate procedures. Also, develop a training program that supports the provision of periodic training in this area, as needed.

Action: UGIU will internally develop and deliver training to its staff on the revised transmission formula rate procedures. In addition, UGIU will formalize future periodic training with internal and external counsel to ensure that the proper accounting individuals are knowledgeable on any FERC accounting and tax updates.

Individual Responsible: Assistant Controller

Expected Completion Date: The internal training will be conducted by May 15, 2021. The training with counsel will be conducted within 12 months of issuance of the audit report.

RECOMMENDATION NO. 25

Submit a refund analysis, within 60 days of issuance of this audit report, to DAA for review that explains and details the following: (1) calculation of refunds to UGIU's wholesale transmission customers since 2017, plus interest; (2) determinative components of the refund; (3) refund method; and (4) period(s) for which refunds will be made.

Action: UGIU will complete and submit a refund analysis to DAA that explains and details all items listed in recommendation no. 25.

Individual Responsible: Assistant Controller

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 26

File a refund report with the Commission after receiving DAA's assessment of the refund analysis.

Action: UGIU will file a consolidated refund report with the Commission after receiving DAA's assessment of the submitted refund analysis.

Individual Responsible: Assistant Controller

Expected Completion Date: Within 60 days of receiving DAA's assessment of the submitted refund analysis.

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

RECOMMENDATION NO. 27

Refund the amounts disclosed in the refund report to wholesale transmission customers with interest calculated in accordance with section 35.19a of the Commission's regulations.

Action: UGIU will refund amounts disclosed in the refund report as specified in recommendation no. 27.

Individual Responsible: Assistant Controller

Expected Completion Date: Amounts will be refunded as a reduction of UGIU's transmission rates, reflected in its first formula rate filing following the filing of the related refund report.

5. TRANSMISSION REVENUE CREDITS

UGIU understated its revenue credits that were used to reduce the annual transmission revenue requirements calculated by its wholesale transmission formula rate by improperly excluding certain transmission- related revenues recorded in Account 454, Rent from Electric Property. Additionally, UGIU improperly accounted for rental revenue associated with third parties' usage of its utility assets by recording such revenue in Account 418, Nonoperating Rental Income. As a result, UGIU understated the revenue credits includible in its wholesale transmission formula rate, which led to an overstatement of its annual transmission revenue requirements.

UGIU Response

UGIU accepts this finding and the recommendations.

RECOMMENDATION NO. 28

Develop and implement procedures and policies to track, report, review, and account for wholesale transmission revenues consistent with Commission accounting and ratemaking requirements.

Action: UGIU will develop and implement procedures and policies to track, report, review, and account for wholesale transmission revenues consistent with Commission accounting and ratemaking requirements. This will include proper identification of wholesale transmission revenues at recognition and adjustments to the coding, as necessary, as well as review checks to ensure that all revenues are recorded to the proper FERC accounts.

Individual Responsible: Assistant Controller

Expected Completion Date: May 15, 2021

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

RECOMMENDATION NO. 29

Provide training to staff on the revised accounting and wholesale transmission revenue procedures. Also, develop a training program that supports the provision of periodic training in this area, as needed.

Action: UGIU will internally develop and deliver training to its staff on the revised accounting and wholesale transmission formula rate procedures. In addition, UGIU will formalize future periodic training with internal and external counsel to ensure that the proper accounting individuals are knowledgeable on any FERC accounting and tax updates.

Individual Responsible: Assistant Controller

Expected Completion Date: The internal training will be conducted by May 15, 2021. The training with counsel will be conducted within 12 months of issuance of the audit report.

RECOMMENDATION NO. 30

Perform an analysis of rental income accounts to identify revenues that were not properly credited to wholesale transmission customers through UGIU's transmission formula rates for the audit period. Provide the results of the analysis to audit staff within 60 days of the date of issuance of the audit report.

Action: UGIU will perform and submit the results of the analysis of rental income as specified in recommendation no. 30 to audit staff.

Individual Responsible: Assistant Controller

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 31

Submit a refund analysis to DAA, within 60 days of receiving the audit report, that explains and details the following: (1) calculation of refunds that include the amount of inappropriate recoveries during the audit period that resulted from the exclusion of revenue credits plus interest; (2) determinative components of the refund; (3) refund method; (4) period(s) refunds will be made.

Action: UGIU will complete and submit a refund analysis to DAA that explains and details all items listed in recommendation no. 31.

Individual Responsible: Assistant Controller

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
FEDERAL ENERGY REGULATOR COMMISSION AUDIT
OFFICE OF ENFORCEMENT DOCKET NO. FA20-3-000

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 32

File a refund report with the Commission after receiving DAA's assessment of the refund analysis.

Action: UGIU will file a consolidated refund report with the Commission after receiving DAA's assessment of the submitted refund analysis.

Individual Responsible: Assistant Controller

Expected Completion Date: Within 60 days of receiving DAA's assessment of the submitted refund analysis.

RECOMMENDATION NO. 33

Refund the amounts disclosed in the refund report to wholesale transmission customers with interest calculated in accordance with section 35.19a of the Commission's regulations.

Action: UGIU will refund amounts disclosed in the refund report as specified in recommendation no. 33.

Individual Responsible: Assistant Controller

Expected Completion Date: Amounts will be refunded as a reduction of UGIU's transmission rates, reflected in its first formula rate filing following the filing of the related refund report.

6. ACCOUNTING FOR AFFILIATE TRANSACTIONS

UGIU misclassified various expenses associated with services provided by its parent company in Account 923, Outside Services Employed. Also, UGIU did not consistently apply its internally calculated, cost allocation percentages used to allocate costs between UGIU's electric utility business and its gas utility business. These allocation errors resulted in improper amounts being included in UGIU's wholesale transmission formula rate.

UGIU Response

UGIU accepts this finding and the recommendations.

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
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RECOMMENDATION NO. 34

Revise and implement procedures and policies to track, report, review, and account for UGI Corporation allocated expenses consistent with Commission accounting requirements.

Action: UGIU will revise and implement procedures and policies to track, report, review, and account for UGI Corporation allocated expenses consistent with Commission accounting requirements. This will include getting detail of all allocated expenses and properly assigning those to respective FERC accounts.

Individual Responsible: Assistant Controller

Expected Completion Date: May 15, 2021

RECOMMENDATION NO. 35

Revise and implement procedures, policies and controls to ensure the correct allocation factors are used to calculate and allocate common expenses recorded in the A&G accounts for the electric utility business.

Action: UGIU has revised its procedures, policies and controls to ensure the correct allocation factors are used to calculate and allocate common expenses recorded in the A&G accounts for the electric utility business. With the Company's implementation of a new ERP system, SAP, in July of 2019, employees are instructed to code common A&G costs to shared cost centers, which are then systematically allocated to the electric utility business based on the Company's annual MWF allocation. No manual allocation should be completed going forward. This methodology is also documented in UGIU's updated 2020 Cost Allocation Manual. Accounting also performs periodic checks to ensure that all costs coded to the shared cost centers are properly allocated.

Individual Responsible: Assistant Controller

Expected Completion Date: Completed

RECOMMENDATION NO. 36

Train staff on the procedures and policies and provide periodic training, as needed.

Action: UGIU will internally develop and deliver training to its staff specifying how UGI Corporation allocated expenses and UGIU common expenses should be coded to ensure that they are properly allocated and consistent with the Commission accounting requirements. In addition, UGIU will formalize future periodic training with internal and external counsel to

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ensure that the proper accounting individuals are knowledgeable on any FERC accounting and tax updates.

Individual Responsible: Assistant Controller

Expected Completion Date: The internal training will be conducted by May 15, 2021. The training with counsel will be conducted within 12 months of issuance of the audit report.

RECOMMENDATION NO. 37

Perform an analysis of A&G expense accounts to identify common expenses that were allocated using the incorrect allocation percentages during the audit period. Provide the results of the analysis to audit staff within 60 days of the date of issuance of the audit report.

Action: In conjunction with its response to recommendation no. 43, UGIU will perform an analysis of A&G expense accounts to identify expenses that were incorrectly allocated or improperly recorded. UGIU's analysis will consist of a reasonable sample of A&G expenses during the audit period. UGIU will submit the results of the analysis of A&G expense accounts to audit staff.

Individual Responsible: Assistant Controller

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 38

Submit a refund analysis to DAA, within 60 days of receiving the audit report, that explains and details the following: (1) calculation of refunds that include the amount of inappropriate recoveries during the audit period that resulted from the improper allocation of common expenses recorded in A&G accounts as identified pursuant to the analysis performed in response to Recommendation No. 43, plus interest; (2) determinative components of the refund; (3) refund method; and (4) period(s) refunds will be made.

Action: UGIU will complete and submit a refund analysis to DAA that explains and details all items listed in recommendation no. 38.

Individual Responsible: Assistant Controller

Expected Completion Date: March 15, 2021

UGI UTILITIES, INC.
IMPLEMENTATION PLAN FOR
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RECOMMENDATION NO. 39

File a refund report with the Commission after receiving DAA's assessment of the refund analysis.

Action: UGIU will file a consolidated refund report with the Commission after receiving DAA's assessment of the submitted refund analysis.

Individual Responsible: Assistant Controller

Expected Completion Date: Within 60 days of receiving DAA's assessment of the submitted refund analysis.

RECOMMENDATION NO. 40

Refund the amounts disclosed in the refund report to wholesale transmission customers with interest calculated in accordance with section 35.19a of the Commission's regulations.

Action: UGIU will refund amounts disclosed in the refund report as specified in recommendation no. 40.

Individual Responsible: Assistant Controller

Expected Completion Date: Amounts will be refunded as a reduction of UGIU's transmission rates, reflected in its first formula rate filing following the filing of the related refund report.

7. ACCOUNTING FOR ADMINISTRATIVE AND GENERAL EXPENSES

UGIU improperly recorded various A&G expenses in a manner contrary to the Commission's accounting regulations. As a result, UGIU overbilled wholesale transmission customers.

UGIU Response

UGIU accepts this finding and the recommendations.

RECOMMENDATION NO. 41

Revise policies and procedures to ensure that UGIU properly accounts for expenditures in its books and records.

Action: UGIU will revise its policies and procedures to ensure that expenditures are properly accounted for. This will include proper coding of invoices, as well as policies to periodically

UGI UTILITIES, INC.
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review the Company's mapping from its natural chart of accounts to the FERC chart of accounts.

Individual Responsible: Assistant Controller

Expected Completion Date: May 15, 2021

RECOMMENDATION NO. 42

Provide training to its staff on the revised procedures for properly accounting for expenditures in UGIU's books and records. Also, develop a training program that supports the provision of periodic training in this area, as needed.

Action: UGIU will internally develop and deliver training to its staff on the revised procedures for properly accounting for expenditures in UGIU's books and records. In addition, UGIU will formalize future periodic training with internal and external counsel to ensure that the proper accounting individuals are knowledgeable on any FERC accounting and tax updates.

Individual Responsible: Assistant Controller

Expected Completion Date: The internal training will be conducted by May 15, 2021. The training with counsel will be conducted within 12 months of issuance of the audit report.

RECOMMENDATION NO. 43

Perform an analysis of A&G expense accounts to identify expenses that were inappropriately recovered through UGIU's transmission formula rate and the related customer billings, such as advertising, donations, lobbying, distribution O&M costs, legal costs, and asset insurance improperly charged to accounts included in the transmission formula rate during the audit period. Provide the results of the analysis to audit staff within 60 days of the date of issuance of the audit report.

Action: In conjunction with its response to recommendation no. 37, UGIU will perform an analysis of A&G expense accounts to identify expenses that were incorrectly allocated or improperly recorded. UGIU's analysis will consist of a reasonable sample of A&G expenses during the audit period. UGIU will submit the results of the analysis of A&G expense accounts to audit staff.

Individual Responsible: Assistant Controller

Expected Completion Date: March 15, 2021

UGI UTILITIES, INC.
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RECOMMENDATION NO. 44

Submit a refund analysis to DAA, within 60 days of receiving the audit report, that explains and details the following: (1) calculation of refunds that include the amount of inappropriate recoveries during the audit period that resulted from the improper accounting for expenses recorded in A&G accounts as identified pursuant to the analysis performed in response to Recommendation No. 43, plus interest; (2) determinative components of the refund; (3) refund method; and (4) period(s) refunds will be made.

Action: UGIU will complete and submit a refund analysis to DAA that explains and details all items listed in recommendation no. 44.

Individual Responsible: Assistant Controller

Expected Completion Date: March 15, 2021

RECOMMENDATION NO. 45

File a refund report with the Commission after receiving DAA's assessment of the refund analysis.

Action: UGIU will file a consolidated refund report with the Commission after receiving DAA's assessment of the submitted refund analysis

Individual Responsible: Assistant Controller

Expected Completion Date: Within 60 days of receiving DAA's assessment of the submitted refund analysis.

RECOMMENDATION NO. 46

Refund the amounts disclosed in the refund report to wholesale transmission customers with interest calculated in accordance with section 35.19a of the Commission's regulations.

Action: UGIU will refund amounts disclosed in the refund report as specified in recommendation no. 46.

Individual Responsible: Assistant Controller

Expected Completion Date: Amounts will be refunded as a reduction of UGIU's transmission rates, reflected in its first formula rate filing following the filing of the related refund report.

UGI UTILITIES, INC.
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8. FILING OF DEPRECIATION RATES WITH THE COMMISSION

UGIU did not file its depreciation rate schedule with the Commission when depreciation rates were changed. This hindered the Commission's and other interested parties' ability to timely review and monitor UGIU's depreciation rates, which impact prices charged for wholesale transmission services through the formula rate.

UGIU Response

UGIU accepts this finding and the recommendations.

RECOMMENDATION NO. 47

Develop and implement processes and procedures to ensure that depreciation rates and related studies are filed with the Commission when depreciation rates are changed.

Action: UGIU will develop and implement a process to ensure that depreciation rates and related studies are filed with the Commission when depreciation rates are changed.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: May 15, 2021

RECOMMENDATION NO. 48

File current depreciation studies with the Commission relating to UGIU's current annual transmission revenue requirement within 60 days of issuance of this audit report.

Action: UGIU will file current depreciation studies with the Commission relating to UGIU's current annual transmission revenue requirement.

Individual Responsible: Senior Manager, SOX, Plant Accounting & AP

Expected Completion Date: March 15, 2021

UGI UTILITIES, INC.
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9. FERC FORM NO. 1 REPORTING

UGIU did not properly follow the FERC Form No. 1 instructions and, therefore, did not report all required information in its FERC Form No. 1 filings.

UGIU Response

UGIU accepts this finding and the recommendations.

RECOMMENDATION NO. 49

Revise and strengthen documented policies, procedures, and practices to ensure information reported in the FERC Form No. 1 is correct, accurate, and consistent with the instructions of the form.

Action: UGIU will revise and strengthen policies, procedures, and practices to ensure information reported in the FERC Form No. 1 is correct, accurate and consistent with the instructions.

Individual Responsible: Assistant Controller

Expected Completion Date: Time of filing UGIU's December 31, 2020 FERC Form No. 1.

RECOMMENDATION NO. 50

Provide training to staff on the revised FERC Form No. 1 policies, procedures, and practices. Also, develop a training program that supports the provision of periodic training in this area, as needed.

Action: UGIU will internally develop and deliver training to its staff on the revised FERC Form No. 1 policies, procedures, and practices. In addition, UGIU will formalize future periodic training with internal and external counsel to ensure that the proper accounting individuals are knowledgeable on any FERC accounting and tax updates.

Individual Responsible: Assistant Controller

Expected Completion Date: The internal training will be conducted by May 15, 2021. The training with counsel will be conducted within 12 months of issuance of the audit report.

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-35

Request:

Please provide the annual level of forfeited discounts or late payment charges for the preceding three calendar years. Identify the level of sales revenue with which these are associated.

Response:

Please see Attachment SDR-RR-35.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Forfeited Discounts and Late Payment Charges Schedule

For the twelve months ending September 30 (\$ in 000's):

	2019	2020	2021
Forfeited Discounts and Late Payment Charges	\$ 5,635	\$ 2,815	\$ 4,882
Sales Revenue ¹	\$ 828,380	\$ 835,001	\$ 843,571

¹ Includes billed revenue only

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-36

Request:

If not reflected in the lead-lag study, please provide a listing of the various types of employee withholdings, garnishments and other employee funds held by the Company for remittance at a later date.

Response:

United Way
Operation Share
Union Dues
Potter Game Club
Voluntary Accidental Death & Dismemberment
Employee Supplemental Life
Spouse Life
Child Life
Medical, Dental, and Vision
Flexible Spending Account
Political Action Committee
UGI Stock Purchase Plan
Employee Bill Payments
Other Various Wage Attachments (Federal, State Taxes)

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-37

Request:

Please provide all detailed work papers supporting the adjustments to rate base and operating income.

Response:

Please refer to UGI Gas Exhibit A (Historic), UGI Gas Exhibit A (Future), and UGI Gas Exhibit A (Fully Projected), Sections C and D.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-38

Request:

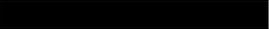
Please provide a copy of the Company's most recent SFAS 106 plan actuarial study.

Response:

UGI Gas' most recent SFAS 106 plan actuarial studies were conducted at the end of Fiscal Year 2021. Please refer to Attachment SDR-RR-38 for a copy of the reports issued as a result of these studies.

Prepared by or under the supervision of: Vivian K. Ressler

September 30, 2021


UGI Utilities, Inc.
1 UGI Drive
Denver, PA 17517

ACCOUNTING VALUATION RESULTS FOR UGI UTILITIES POSTRETIREMENT WELFARE PLAN

This letter provides the fiscal 2021 valuation results under ASC 715-60 for the UGI Utilities, Inc. Postretirement Welfare Plan. The valuation results are based on participant census data collected as of January 1, 2021 and VEBA trust assets as of September 30, 2020 provided by UGI.

These valuation results are used to measure the postretirement welfare accounting expense (income) for the 2021 fiscal year (October 1, 2020 to September 30, 2021).

POSTRETIREMENT WELFARE PLAN EXPENSE (INCOME)

Below is a summary of expense (income) for fiscal 2021 by company compared to fiscal 2020.

<u>Company</u>	<u>2021 Fiscal Year</u>	<u>2020 Fiscal Year</u>
Holding Company	\$ 22,690	\$ 20,299
Utilities	(232,758)	(419,066)
Enterprises	<u>264</u>	<u>319</u>
TOTAL ACCOUNTING EXPENSE (INCOME)	\$ (209,804)	\$ (398,448)

The results for fiscal 2021 yield an increase in postretirement welfare expense (decrease in income) of approximately \$190,000. The primary reason for this change is the expiration of approximately \$225,000 in prior service credit amortizations in fiscal 2021.

The fiscal 2021 income slightly increased from the budget estimate of \$(196,000) prepared for UGI in November 2020 primarily due to modest actuarial gains in service cost from demographic experience.

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Details of the 2021 postretirement welfare expense results by reporting segment are provided below.

Valuation Results by Company as of October 1, 2020 (Fiscal 2021 Expense)

	Holding Company	Utilities	Enterprises	Total
Accumulated Postretirement Benefit Obligation (APBO):				
▪ Medical	\$ 0	\$ 179,015	\$ 0	\$ 179,015
▪ Life Insurance	<u>1,108,978</u>	<u>9,685,875</u>	<u>38,153</u>	<u>10,833,006</u>
▪ Total	\$ 1,108,978	\$ 9,864,890	\$ 38,153	\$ 11,012,021
Postretirement Welfare Expense				
▪ Service Cost	\$ 11,094	\$ 127,645	\$ 0	\$ 138,739
▪ Interest Cost	33,091	293,762	1,127	327,980
▪ EROA	(21,495)	(635,891)	0	(657,386)
▪ Amortization of Transition Obligation	0	0	0	0
▪ Amortization of Prior Service Cost	0	(18,274)	(863)	(19,137)
▪ Amortization of (Gains)/Losses	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Net Accounting Cost	\$ 22,690	\$(232,758)	\$ 264	\$(209,804)

DEMOGRAPHICS

The total number of retirees, surviving spouses, and dependents with medical coverage dropped from 76 to 62 during 2020.

The following is the breakdown of retiree medical participants (all are post-65):

Retirees and Surviving Spouses	Dependents	Total
43	19	62

The following is the breakdown of life insurance participants:

Active	490
Retiree	547
Total	1,037

INVESTMENT EXPERIENCE

The plan's actual return on assets for the period October 1, 2019 to September 30, 2020 was approximately 11.1%.

ASSUMPTIONS

- Discount rate: 3.00%
- Weighted-average salary increase assumption from age 40 to average retirement age of 3.25%
- Mortality: Pri-2012 blue collar table with rates decreased by 4.9%, projected Scale MP-2019 on a generational basis
- The expected return on VEBA trust assets: 7.10% pre-tax and 5.00% post-tax for fiscal 2021. The medical plan sub-account is subject to UBIT taxation and uses the lower rate. This assumption reflects a portfolio diversified in equities and bonds.

- The health care trend assumption: an initial rate of 6.25% in fiscal 2021 decreasing to a 5.00% in fiscal 2026.

The following assumption changes were reflected in the determination of the postretirement welfare expense for fiscal 2021:

- The valuation discount rate was changed from 3.30% as of October 1, 2019 to 3.00% as of October 1, 2020.
- The assumption for mortality was changed from RP-2014 blue collar table with rates decreased by 5.5%, projected using Scale MP-2018 on a generational basis from 2006 to Pri-2012 blue collar table with rates decreased by 4.9%, projected Scale MP-2019 on a generational basis
- Assumptions for termination and retirement were updated to better reflect plan experience.

Other assumptions remain unchanged from fiscal 2020 and are documented in the October 1, 2019 valuation report.

A comprehensive list of actuarial assumptions including the rationale for key assumptions will be summarized in the 2021 actuarial valuation report which will be available in a few weeks.

PLAN PROVISIONS

There have been no changes in plan provisions since the most recent valuation. A summary of key plan provisions can be found in the October 1, 2019 valuation report.

EXPECTED CLAIMS AND EXPENSES

Total expected claims and expenses (net of retiree contributions) from October 1, 2020 to September 30, 2021 for the retiree welfare plans are as follows:

Expected Company Claims and Expenses for 2021	
UGI Postretirement Medical	\$ 30,000
UGI Postretirement Life Insurance	<u>409,000</u>
Total	\$439,000

Most of the claims and expenses would be paid (or reimbursed) from the VEBA trust for current and former "non-key" employees. Benefits for any current and former key employees would be paid from company assets.

In preparing these results Willis Towers Watson has used the information and data provided to us by UGI. We have relied on all the data and information provided, including plan provisions as being complete and accurate. We have reviewed this information for overall reasonableness and consistency, but have neither audited nor independently verified this information.

The results contained in this letter are estimates based on data that may be imperfect and on assumptions about future events that cannot be predicted with any certainty. Certain plan provisions may be approximated or determined to be immaterial and therefore not valued. Assumptions may be made about participant data or other factors. We have made reasonable efforts to ensure that items that are

September 30, 2021

material in the context of the actuarial liabilities or costs are treated appropriately, and not excluded or included inappropriately.

Actual future experience will differ from the assumptions used in our calculations. As these differences arise, contributions or the cost for accounting purposes will be adjusted in future valuations to take changes into account. If these adjustments become material, they may result in future adjustments to the valuation model.

As required by ASC 715, the actuarial assumptions and methods employed in the development of the pension cost have been selected by the plan sponsor. ASC 715-30-35 requires that each significant assumption "individually represent the best estimate of a particular future event." Willis Towers Watson has concurred with these assumptions and methods.

Accumulated other comprehensive (income)/loss amounts shown in the report are shown prior to adjustment for deferred taxes. Any deferred tax effects in AOCI should be determined in consultation with UGI's tax advisors and auditors. Willis Towers Watson used information supplied by UGI regarding postretirement benefit asset, postretirement benefit liability and amounts recognized in accumulated other comprehensive income as of September 30, 2020. This data was reviewed for reasonableness and consistency, but no audit was performed.

The results contained in this letter have been developed based on actuarial assumptions that, to the extent evaluated or selected by Willis Towers Watson, we consider to be reasonable. Other actuarial assumptions could also be considered to be reasonable. Thus, reasonable results differing from those presented in this report could have been developed by selecting different reasonable assumptions.

The results provided in this letter have been prepared solely for the benefit of UGI to assist with its year-end financial reporting. This email should not be used for other purposes and we accept no responsibility for any such use. It should not be relied upon by, or shared with, any third parties without Willis Towers Watson's prior written consent.

This letter provides actuarial information. It does not constitute legal, accounting, tax or investment advice. We encourage UGI to consult with qualified advisors with respect to those matters.

ASOP 56 DISCLOSURE

Quantify is the Willis Towers Watson centrally developed, tested and maintained Global actuarial valuation system. It is used to perform valuations of clients' benefit plans. Quantify provides the ability to process data, calculate benefits and value benefit liabilities, develop results using applicable standards, and generate client reports. Quantify parameters provide significant flexibility to model populations and plan designs. Various demographic, economic and benefit related assumptions exist for users to model multiple demographic and economic situations.

Plan liabilities are calculated based on standard actuarial techniques, developing actuarially reasonable results using the population and parameters entered. The calculation and presentation of liabilities in Quantify relies on the assumptions used and the reasonability of the assumptions selected. Quantify incorporates standard liability methodologies that are intended to reasonably reflect a variety of economic or demographic conditions. The model itself does not evaluate any assumptions entered for reasonableness, consistency or probability of occurrence.

Quantify is designed specifically for these purposes, and we know of no material limitations that would prevent the system from being suitable for these intended purposes. The actuaries signing this report have relied on the actuaries who develop, test and maintain this system, and have also performed a limited review of results to ensure that system parameters have been set appropriately and plan provisions coded correctly.


September 30, 2021

RATE:Link is a methodology to develop spot rates to be used for measurements related to employee benefit plans. The same core methodology is used to develop all RATE:Link curves. The RATE:Link process develops term structures of interest rates from corporate bond data for each covered market. The construction of RATE:Link yield curves relies on bond data collected as of the measurement date. Information regarding quoted bond prices, yields and other bond related data is from Bloomberg Finance L.P

U.S. BOND:Link is a methodology to assist with the selection of discount rates used in measurements related to employee benefit plans. Discount rates are derived by identifying a theoretical settlement portfolio of high- quality corporate bonds sufficient to provide for a plan's projected benefit payments. The single interest rate is then determined that results in a discounted value of the plan's benefit payments that equals the market value of the selected bond portfolio.

Updated BOND:Link models are developed monthly as of the last day of the month. The construction of a BOND:Link model relies on bond data collected as of the measurement date Parameters provide the user the ability to control aspects of the model. The model output allows the user to see the effect of those parameters. Information regarding quoted bond prices, yields and other bond related data is from Bloomberg Finance L.P.

The undersigned consulting actuaries are members of the Society of Actuaries and meet the "Qualification Standard for Actuaries Issuing Statements of Actuarial Opinion in the United States" relating to pension and other postretirement benefit plans. Our objectivity is not impaired by any relationship between UGI and our employer, Willis Towers Watson.

Please reach out to us if you have any questions.

Sincerely,



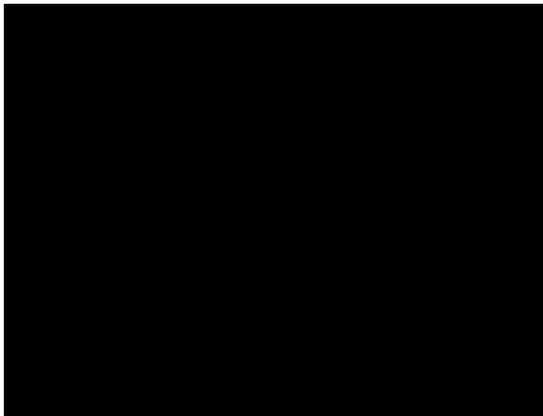
Christopher S. Zukas, FSA
Director, Retirement

Direct Dial: (215) 246-6104



Lori Wolfersberger, FSA
Associate Director, Retirement

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September 30, 2021

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UGI Utilities, Inc.
1 UGI Drive
Denver, PA 17517

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ACCOUNTING VALUATION RESULTS FOR CENTRAL PENN GAS POSTRETIREMENT WELFARE PLAN

This letter contains the Central Penn Gas Postretirement Welfare Plan valuation results for fiscal year 2021 under ASC 715-60. The accounting cost for postretirement welfare benefits decreased from \$10,000 in fiscal year 2020 to \$(17,618) in fiscal year 2021. The primary reason for the decrease in expense was due to favorable asset experience during fiscal 2020.

The \$(17,618) also compares to an estimated cost/(income) of \$(17,000) provided in November 2020.

A reconciliation of the cost decrease from fiscal 2020 to fiscal 2021 is as follows:

Fiscal 2020 net periodic benefit cost/(income)	\$ 10,000
Expected decrease based on prior valuation	(7,104)
Asset experience	(22,535)
Plan experience losses (gains)	(1,111)
Change in termination and retirement assumptions	(3,734)
Change in mortality	640
Change in discount rate	<u>6,226</u>
Fiscal 2021 net periodic benefit cost	\$ (17,618)

The table on the next page below summarizes the participant counts and financial results for the current and prior accounting valuations for Central Penn Gas. Census data as of January 1, 2021 and January 1, 2020 were used for the fiscal 2021 and fiscal 2020 valuations respectively.

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**Central Penn Gas
Postretirement Welfare Plan Actuarial Valuation**

	<u>October 1, 2020</u>	<u>October 1, 2019</u>
Number of Participants:		
■ Medical Benefits		
Active	0	0
Retiree / Surviving Spouse	54	56
Dependent	38	41
Total	<u>92</u>	<u>97</u>
■ Life Insurance		
Active	104	112
Retiree	60	53
Total	<u>164</u>	<u>165</u>
Accumulated Postretirement Benefit Obligation (APBO):		
■ Medical	\$ 446,021	\$ 491,446
■ Life Insurance	<u>1,199,352</u>	<u>1,077,111</u>
■ Total	<u>\$ 1,645,373</u>	<u>\$ 1,568,557</u>
Fair Value of Plan Assets (FVA):	\$ 2,183,122	\$ 2,073,138
Postretirement Welfare Expense		
■ Service Cost	\$25,549	\$24,351
■ Interest Cost	50,769	51,401
■ Expected Return on Assets	(107,504)	(101,899)
■ Amortization of Transition Obligation	0	0
■ Amortization of Prior Service Cost	(93,033)	(93,033)
■ Amortization of (Gains)/Losses	<u>106,601</u>	<u>129,180</u>
Net Accounting Cost	<u>\$(17,618)</u>	<u>\$10,000</u>

ASSUMPTIONS

The fiscal 2021 postretirement welfare expense determined above uses the following assumptions:

- Discount rate: 3.10%
- 3.25% weighted-average salary increase assumption from age 40 to average retirement age
- Health care inflation of 6.25% for fiscal 2021 decreasing to 5.00% in fiscal 2026
- Mortality: Pri-2012 blue collar table with rates decreased by 4.9%, projected Scale MP-2019 on a generational basis
- The expected return on VEBA trust assets: 7.10% pre-tax and 5.00% post-tax for fiscal 2021. The medical plan sub-account is subject to UBIT taxation and uses the lower rate. This assumption reflects a portfolio diversified in equities and bonds.

The following assumption changes were reflected in the determination of the postretirement welfare expense for fiscal 2021:

- The valuation discount rate was changed from 3.30% as of October 1, 2019 to 3.10% as of October 1, 2020.

September 30, 2021

- The assumption for mortality was changed from RP-2014 blue collar table with rates decreased by 5.5%, projected using Scale MP-2018 on a generational basis from 2006 to Pri-2012 blue collar table with rates decreased by 4.9%, projected Scale MP-2019 on a generational basis
- Assumptions for termination and retirement were updated to better reflect plan experience.

Other assumptions remain unchanged from fiscal 2020 and are documented in the October 1, 2019 valuation report.

A comprehensive list of actuarial assumptions including the rationale for key assumptions will be summarized in the 2021 actuarial valuation report which will be available in a few weeks.

PLAN PROVISIONS

There have been no changes in plan provisions since the most recent valuation. A summary of key plan provisions can be found in the October 1, 2019 valuation report.

* * * * *

In preparing these results Willis Towers Watson has used the information and data provided to us by UGI. We have relied on all the data and information provided, including plan provisions as being complete and accurate. We have reviewed this information for overall reasonableness and consistency, but have neither audited nor independently verified this information.

The results contained in this letter are estimates based on data that may be imperfect and on assumptions about future events that cannot be predicted with any certainty. Certain plan provisions may be approximated or determined to be immaterial and therefore not valued. Assumptions may be made about participant data or other factors. We have made reasonable efforts to ensure that items that are material in the context of the actuarial liabilities or costs are treated appropriately, and not excluded or included inappropriately.

Actual future experience will differ from the assumptions used in our calculations. As these differences arise, contributions or the cost for accounting purposes will be adjusted in future valuations to take changes into account. If these adjustments become material, they may result in future adjustments to the valuation model.

As required by ASC 715, the actuarial assumptions and methods employed in the development of the pension cost have been selected by the plan sponsor. ASC 715-30-35 requires that each significant assumption "individually represent the best estimate of a particular future event." Willis Towers Watson has concurred with these assumptions and methods.

Accumulated other comprehensive (income)/loss amounts shown in the report are shown prior to adjustment for deferred taxes. Any deferred tax effects in AOCI should be determined in consultation with UGI's tax advisors and auditors. Willis Towers Watson used information supplied by UGI regarding postretirement benefit asset, postretirement benefit liability and amounts recognized in accumulated other comprehensive income as of September 30, 2020. This data was reviewed for reasonableness and consistency, but no audit was performed.

The results contained in this letter have been developed based on actuarial assumptions that, to the extent evaluated or selected by Willis Towers Watson, we consider to be reasonable. Other actuarial assumptions could also be considered to be reasonable. Thus, reasonable results differing from those presented in this report could have been developed by selecting different reasonable assumptions.

The results provided in this letter have been prepared solely for the benefit of UGI to assist with its year-end financial reporting. This email should not be used for other purposes and we accept no responsibility for any

September 30, 2021

such use. It should not be relied upon by, or shared with, any third parties without Willis Towers Watson's prior written consent.

This letter provides actuarial information. It does not constitute legal, accounting, tax or investment advice. We encourage UGI to consult with qualified advisors with respect to those matters.

ASOP 56 DISCLOSURE

Quantify is the Willis Towers Watson centrally developed, tested and maintained Global actuarial valuation system. It is used to perform valuations of clients' benefit plans. Quantify provides the ability to process data, calculate benefits and value benefit liabilities, develop results using applicable standards, and generate client reports. Quantify parameters provide significant flexibility to model populations and plan designs. Various demographic, economic and benefit related assumptions exist for users to model multiple demographic and economic situations.

Plan liabilities are calculated based on standard actuarial techniques, developing actuarially reasonable results using the population and parameters entered. The calculation and presentation of liabilities in Quantify relies on the assumptions used and the reasonability of the assumptions selected. Quantify incorporates standard liability methodologies that are intended to reasonably reflect a variety of economic or demographic conditions. The model itself does not evaluate any assumptions entered for reasonableness, consistency or probability of occurrence.

Quantify is designed specifically for these purposes, and we know of no material limitations that would prevent the system from being suitable for these intended purposes. The actuaries signing this report have relied on the actuaries who develop, test and maintain this system, and have also performed a limited review of results to ensure that system parameters have been set appropriately and plan provisions coded correctly.

RATE:Link is a methodology to develop spot rates to be used for measurements related to employee benefit plans. The same core methodology is used to develop all RATE:Link curves. The RATE:Link process develops term structures of interest rates from corporate bond data for each covered market.

The construction of RATE:Link yield curves relies on bond data collected as of the measurement date.

Information regarding quoted bond prices, yields and other bond related data is from Bloomberg Finance L.P.

U.S. BOND:Link is a methodology to assist with the selection of discount rates used in measurements related to employee benefit plans. Discount rates are derived by identifying a theoretical settlement portfolio of high-quality corporate bonds sufficient to provide for a plan's projected benefit payments. The single interest rate is then determined that results in a discounted value of the plan's benefit payments that equals the market value of the selected bond portfolio.

Updated BOND:Link models are developed monthly as of the last day of the month. The construction of a BOND:Link model relies on bond data collected as of the measurement date. Parameters provide the user the ability to control aspects of the model. The model output allows the user to see the effect of those parameters. Information regarding quoted bond prices, yields and other bond related data is from Bloomberg Finance L.P.

The undersigned consulting actuaries are members of the Society of Actuaries and meet the "Qualification Standard for Actuaries Issuing Statements of Actuarial Opinion in the United States" relating to pension and other postretirement benefit plans. Our objectivity is not impaired by any relationship between UGI and our employer, Willis Towers Watson.

September 30, 2021



Please reach out to us if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Christopher S. Zukas".

Christopher S. Zukas, FSA
Director, Retirement

Direct Dial: (215) 246-6104

CSZ:dIm

A handwritten signature in black ink that reads "Lori Wolfersberger".

Lori Wolfersberger, FSA
Associate Director, Retirement

(215) 246-4942

cc:





September 30, 2021

[REDACTED]
UGI Utilities, Inc.
1 UGI Drive
Denver, PA 17517

ACCOUNTING VALUATION RESULTS FOR PENN NATURAL GAS POSTRETIREMENT WELFARE PLAN

This letter contains the Penn Natural Gas Postretirement Welfare Plan valuation results for fiscal year 2021 under ASC 715-60. The accounting cost for postretirement welfare benefits increased from \$(26,767) in fiscal year 2020 to \$(21,054) for fiscal year 2021. The primary reason for the increase in expense (decrease in income) from fiscal 2020 to fiscal 2021 is the decrease in the discount rate of 20 basis points and demographic experience (fewer than expected terminations and deaths).

The actual cost/(income) of \$(21,054) compares to an estimated cost/(income) of \$(30,000) provided in November 2020.

A reconciliation of the cost decrease from fiscal 2020 to fiscal 2021 is as follows:

Fiscal 2020 net periodic benefit cost/(income)	\$ (26,767)
Expected decrease based on prior valuation	(1,174)
Asset experience	(13,390)
Plan experience losses (gains)	8,859
Change in termination and retirement assumptions	1,937
Change in mortality	2,229
Change in discount rate	<u>7,252</u>
Fiscal 2021 net periodic benefit cost/(income)	\$ (21,054)

The table on the next page summarizes the participant counts and financial results for the current and prior accounting valuations for The Penn Natural Gas Postretirement Welfare Plan.

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Towers Watson US LLC

September 30, 2021

**Penn Natural Gas
Postretirement Welfare Plan Actuarial Valuation**

	October 1, 2020	October 1, 2019
Number of Participants:		
■ Active	114	117
■ Inactive	<u>48</u>	<u>45</u>
■ Total	162	162
Accumulated Postretirement Benefit Obligation:	\$ 1,217,597	\$ 1,051,607
Fair Value of Assets	<u>1,506,680</u>	<u>1,375,117</u>
Funded Status	\$ 289,083	\$ 323,510

	Fiscal Year 2021	Fiscal Year 2020
Postretirement Welfare Expense		
■ Service Cost	\$ 14,077	\$ 12,547
■ Interest Cost	40,461	37,069
■ Expected Return on Assets	(75,055)	(68,505)
■ Amortization of Prior Service Cost	1,167	2,508
■ Amortization of (Gains)/Losses	<u>(1,704)</u>	<u>(10,386)</u>
Net Accounting Cost	\$ (21,054)	\$ (26,767)

ASSUMPTIONS

The fiscal 2021 Postretirement Welfare expense determined above uses the following assumptions:

- Discount rate: 3.30%
- Weighted-average salary increase assumption from age 40 to average retirement age of 3.25%
- Mortality: Pri-2012 blue collar table with rates decreased by 4.9%, projected Scale MP-2019 on a generational basis
- The expected return on VEBA trust assets: 7.10% pre-tax and 5.00% post-tax for fiscal 2021. The medical plan sub-account is subject to UBIT taxation and uses the lower rate. This assumption reflects a portfolio diversified in equities and bonds.

The following assumption changes were reflected in the determination of the postretirement welfare expense for fiscal 2021:

- The valuation discount rate was changed from 3.50% as of October 1, 2019 to 3.30% as of October 1, 2020.
- The assumption for mortality was changed from RP-2014 blue collar table with rates decreased by 5.5%, projected using Scale MP-2018 on a generational basis from 2006 to Pri-2012 blue collar table with rates decreased by 4.9%, projected Scale MP-2019 on a generational basis
- Assumptions for termination and retirement were updated based on the results of an experience study conducted in 2020.

Other assumptions remain unchanged from fiscal 2020 and are documented in the October 1, 2019 valuation report.


September 30, 2021

A comprehensive list of actuarial assumptions including the rationale for key assumptions will be summarized in the 2021 actuarial valuation report which will be available in a few weeks.

PLAN CHANGES

There have been no changes in plan provisions since the most recent valuation. A summary of key plan provisions can be found in the October 1, 2019 valuation report.

* * * * *

In preparing these results Willis Towers Watson has used the information and data provided to us by UGI. We have relied on all the data and information provided, including plan provisions as being complete and accurate. We have reviewed this information for overall reasonableness and consistency, but have neither audited nor independently verified this information.

The results contained in this letter are estimates based on data that may be imperfect and on assumptions about future events that cannot be predicted with any certainty. Certain plan provisions may be approximated or determined to be immaterial and therefore not valued. Assumptions may be made about participant data or other factors. We have made reasonable efforts to ensure that items that are material in the context of the actuarial liabilities or costs are treated appropriately, and not excluded or included inappropriately.

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As required by ASC 715, the actuarial assumptions and methods employed in the development of the pension cost have been selected by the plan sponsor. ASC 715-30-35 requires that each significant assumption "individually represent the best estimate of a particular future event." Willis Towers Watson has concurred with these assumptions and methods.

Accumulated other comprehensive (income)/loss amounts shown in the report are shown prior to adjustment for deferred taxes. Any deferred tax effects in AOCI should be determined in consultation with UGI's tax advisors and auditors. Willis Towers Watson used information supplied by UGI regarding postretirement benefit asset, postretirement benefit liability and amounts recognized in accumulated other comprehensive income as of September 30, 2020. This data was reviewed for reasonableness and consistency, but no audit was performed.

The results contained in this letter have been developed based on actuarial assumptions that, to the extent evaluated or selected by Willis Towers Watson, we consider to be reasonable. Other actuarial assumptions could also be considered to be reasonable. Thus, reasonable results differing from those presented in this report could have been developed by selecting different reasonable assumptions.

The results provided in this letter have been prepared solely for the benefit of UGI to assist with its year-end financial reporting. This email should not be used for other purposes and we accept no responsibility for any such use. It should not be relied upon by, or shared with, any third parties without Willis Towers Watson's prior written consent.

This letter provides actuarial information. It does not constitute legal, accounting, tax or investment advice. We encourage UGI to consult with qualified advisors with respect to those matters.

September 30, 2021

ASOP 56 DISCLOSURE

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The construction of RATE:Link yield curves relies on bond data collected as of the measurement date. Information regarding quoted bond prices, yields and other bond related data is from Bloomberg Finance L.P.

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Updated BOND:Link models are developed monthly as of the last day of the month. The construction of a BOND:Link model relies on bond data collected as of the measurement date. Parameters provide the user the ability to control aspects of the model. The model output allows the user to see the effect of those parameters. Information regarding quoted bond prices, yields and other bond related data is from Bloomberg Finance L.P.

The undersigned consulting actuaries are members of the Society of Actuaries and meet the "Qualification Standard for Actuaries Issuing Statements of Actuarial Opinion in the United States" relating to pension and other postretirement benefit plans. Our objectivity is not impaired by any relationship between UGI and our employer, Willis Towers Watson.


September 30, 2021

Please reach out to us if you have any questions.

Sincerely,



Christopher S. Zukas, FSA
Director, Retirement

Direct Dial: (215) 246-6104



Lori Wolfersberger, FSA
Associate Director, Retirement

(215) 246-4942

cc:



UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-39

Request:

Please reconcile the historical and future test year SFAS No. 106 expense levels with the amount identified in the actuarial report.

Response:

Please see Attachment SDR-RR-39 for the schedule reconciling SFAS No. 106 expenses for all three test years.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Schedule of SFAS No. 106 Expenses

	<u>HTY</u> <u>9/30/2021</u>	<u>FTY</u> <u>9/30/2022</u>	<u>FPFTY</u> <u>9/30/2023</u>
Amortization of Regulatory Liability	\$ (974,464)	\$ (974,464)	\$ (974,464)
Actual/Budget Year Expense/(Income)	<u>(246,160)</u>	<u>(314,694)</u>	<u>(332,832)</u>
Total Actual/Budget Year Expense/(Income)	\$ (1,220,624)	\$ (1,289,158)	\$ (1,307,296)
Actuarial Expense (Income)	\$ (246,160)	\$ (382,712)	N/A
Difference	<u>\$ (974,464)</u>	<u>\$ (906,447)</u>	
Reconciling Items:			
Amortization of Regulatory Liability (1)	\$ (974,464)	\$ (974,464)	
Actual/Budget Year Expense/(Income) (2)	<u>-</u>	<u>68,017</u>	
	<u>\$ 974,464</u>	<u>\$ 906,447</u>	

(1) HTY and FTY expense/(income) includes \$974,464 per year of amortization expense for a regulatory liability associated with the over recovery of SFAS 106 costs, which is not part of the actuarial expense (income).

(2) The \$68,017 reconciling item for the FTY is the result of the annual budget being prepared (based on an estimate) before the actuarial report totals for the year were available. There is no reconciling difference in the HTY because we record a true-up entry at year end to make our expense/(income) equal to the actuarial report.

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-40

Request:

Please identify the actual or projected amounts contributed to SFAS No. 106 funds for the historic and future test years. Identify the actual or projected dates and amounts of the contributions.

Response:

There are no actual or projected SFAS 106 contributions included in the historic, future or fully projected future test years.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-41

Request:

Please explain the funding options or plans which are being used for SFAS No. 106 costs. Identify the portion of the costs which are eligible for tax preferred funding.

Response:

All of the SFAS No. 106 (post-employment plan) costs are funded assets which are held in a tax advantaged VEBA trust.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-42

Request:

Is the Company studying and/or anticipating any changes to its postretirement benefits offered to employees as a result of SFAS No. 106 or for other reasons? If yes, please provide such study and/or explain the anticipated change.

Response:

The Company is not studying or anticipating any changes to its postretirement benefits offered to employees.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-43

Request:

Please state whether the Company has included expenses related to SFAS No. 112 in its test year claim. If so, please provide complete details and include a copy of the actuarial study.

Response:

Yes. However, in accordance with HIPAA guidelines, UGI Gas does not record or track these additional expenses separately from active employee benefit costs. For this reason, UGI Gas does not have the ability to calculate this additional post-employment benefit expense.

The Company's most recent SFAS 112 actuarial study was conducted at the end of Fiscal Year 2021. Refer to Attachment SDR-RR-43 for a copy of the report issued as a result of this study.

Prepared by or under the supervision of: Vivian K. Ressler



October 4, 2021

██████████
Director, Corporate Reporting
UGI Corporation
Irwin Building
460 N. Gulph Road
King of Prussia, PA 19406

██████████
UGI FAS 112 VALUATION RESULTS AS OF SEPTEMBER 30, 2021

The purpose of this letter is to provide you with the estimated FAS 112 obligations for UGI Utilities and Penn Natural Gas (PNG) group as of September 30, 2021. Consistent with the September 30, 2020 results, the UGI Utilities results contain the obligations attributable to Central Penn Gas (CPG) participants as well.

Valuation Results

Below is a summary of the estimated FAS 112 obligations as of September 30, 2021 for UGI's short-term disability (STD) income benefit and COBRA continuation of health coverage (long-term disability income, medical and life insurance continuation are estimated by UGI and are not included with the results presented in this letter). In addition, the FAS 112 obligation for PNG is provided for the STD income benefit. Each of the obligations was developed according to the standards of FAS 112, 5 and 43. For comparative purposes the individual plan obligations are shown relative to September 30, 2020 results.

Benefit	Obligation as of					
	September 30, 2021			September 30, 2020		
	Current	Non-Current	Total	Current	Non-Current	Total
STD income (UGI+CPG+PNG)	\$882,000	\$1,477,000	\$2,358,000	\$820,000	\$1,368,000	\$2,188,000
COBRA	<u>258,000</u>	<u>0</u>	<u>258,000</u>	<u>236,000</u>	<u>0</u>	<u>236,000</u>
Total	1,140,000	1,477,000	2,616,000	1,056,000	1,368,000	2,424,000

Philadelphia Consulting Office
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Philadelphia, PA 19103-7501

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October 4, 2021

Please note the following regarding this year's valuation results:

Short-term Disability Income Continuation

The UGI+CPG+PNG obligation for the STD income benefit as of September 30, 2021 is \$2,358,000 using a 3.0% discount rate; this compares to \$2,188,000 as of September 30, 2020 using a 3.0% discount rate.

The liability amount represents the obligation for the STD income benefit to which employees are entitled as years of active service increase. The valuation reflects the costs associated with all future disabilities expected to occur after September 30, 2021. The rates of incidence and duration of STD claims are based on a blend of standard actuarial assumptions and actual experience received from UGI, CPG and PNG.

COBRA Continuation of Health Coverage

This amount represents UGI's obligation for the additional medical expense anticipated from COBRA participants above the 102% of premium UGI collects from COBRA beneficiaries. The projected cost of health coverage is based on UGI's average 2021 cost of providing these benefits for COBRA participants.

George, if you have any questions or need further information, please call us.

Sincerely,



Marc B. Freedman, ASA
Direct Dial: 215-246-6280



Daniel Callahan, FSA
Direct Dial: 215-246-7336

MBF/edd

cc:



September 30, 2021 FAS 112 Methods and Assumptions – UGI+CPG+PNG

Short-term Disability Income Continuation

UGI+CPG+PNG

Methods and Assumptions

Discount Rate	3.0%	
Incidence of disability	5.3%	
Average duration of disability	7.0 weeks	
Accounting method	FAS 43, LIFO	
Benefit schedule	Weeks at 100%	Weeks at 50%
Service (years)		
Less than 1	1	0
1 less than 2	3	0
2 less than 5	5	8
5 less than 10	8	18
10 less than 15	12	14
15 less than 20	17	9
20+	26	0
Average age	45.4	
Average years of service	12.3	
Percent male	69%	
Average salary	\$82,176	
Headcount	2,265	

COBRA

UGI+CPG

Methods and Assumptions

Discount Rate	3.0%
Accounting method	FAS 5
Average age	54.7
Percent male	55%
Expected utilization	150% of average
Headcount	44
Average monthly rate	\$1,273

V:\UGI CORPORATION - 110001\16\HGB\2021 FAS112\SEP 30 2021 FAS 43 DISABILITY INCOME\DELIVERABLE\UGI FAS 112 VALUATION RESULTS AS OF 9302021 LETTER.DOCX/

Information Related to Actuarial Standard of Practice No. 56

AGEDIST

AgeDist is a spreadsheet tool that applies relative cost factors by age to average per capita costs (pre and post 65) and census weights to produce age-graded plan costs for pre- and post-65 populations. The average per capita costs and census weights are provided as inputs to the tool which is then combined with a morbidity curve to produce a set of weighted average age-related costs that equal the average. The age-graded costs are used in the actuarial valuation.

The morbidity curve was developed from a broad set of claims data aggregated by age and blended and may not reflect your specific morbidity. The model does not evaluate the average per capita costs or census weights for reasonableness or consistency.

The model(s) used for this analysis is designed specifically for these purposes, and we know of no material limitations that would prevent the model(s) from being suitable for these intended purposes.

We are not aware of any material inconsistencies among assumptions used in this work. The model itself does not evaluate any assumptions entered for reasonableness, consistency or probability of occurrence. The calculation and presentation of results relies on the assumptions used and the reasonability of the assumptions selected. The output of the model(s) used in this analysis are considered reasonable based on the aggregation of assumptions used. However, a different set of results could also be considered reasonable based on a range of possible values used for each assumption.

The individuals signing or delivering this report have relied on other Willis Towers Watson employees and actuaries who develop, test and maintain each of the proprietary models used for this analysis and have also performed a basic review of assumptions and results to ensure that the models have been set up appropriately and coded correctly. We have not relied on any external experts to develop, review, or validate the model(s) used in this analysis.

In preparing the results presented in this report, we have relied upon information provided to us regarding plan provisions, plan participants, participant contribution amounts and/or claims data. We have reviewed this information for overall reasonableness and consistency, but have neither audited nor independently verified this information. The accuracy of the results presented in this report is dependent upon the accuracy and completeness of the underlying information. We are aware of no errors or omissions that would have a significant effect on the results of our calculations.

Quantify

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demographic, economic and benefit related assumptions exist for users to model multiple demographic and economic situations.

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RATE:Link

RATE:Link is a methodology to develop spot rates to be used for measurements related to employee benefit plans. The same core methodology is used to develop all RATE:Link curves. The RATE:Link process develops term structures of interest rates from corporate bond data for each covered market. The construction of RATE:Link yield curves relies on bond data collected as of the measurement date. Information regarding quoted bond prices, yields and other bond related data is from Bloomberg Finance L.P

Actuarial Certification

UGI retained Willis Towers Watson to perform a valuation of its postemployment benefit plans in order to determine its postemployment benefit cost in accordance with ASC 712 (formerly FAS 112). This valuation has been conducted in accordance with generally accepted actuarial principles and practices.

The consulting actuaries are members of the Society of Actuaries and other professional actuarial organizations and meet the "Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States" relating to postemployment benefit plans.

In preparing the results presented in this report, we have relied upon information provided to us regarding plan provisions, plan participants, and plan costs. We have reviewed this information for overall reasonableness and consistency, but have neither audited nor independently verified this information. The accuracy of the results presented in this report is dependent upon the accuracy and completeness of the underlying information.

The actuarial assumptions and the accounting policies and methods employed in the development of the postemployment benefit cost have been selected by the plan sponsor, with the concurrence of Willis Towers Watson. ASC 712 requires that each significant assumption "individually represent the best estimate of a particular future event."

The results shown in this report are reasonable actuarial results. However, a different set of results could also be considered reasonable actuarial results, since the actuarial standards of practice describe a "best-estimate" range for each assumption, rather than a single best-estimate value. Thus, reasonable results differing from those presented in this report could have been developed by selecting different points within the best-estimate ranges for various assumptions.

The information contained in this report was prepared for the internal use of UGI and its auditors in connection with our actuarial valuation of the postemployment benefit plans. It is neither intended nor necessarily suitable for other purposes. UGI may also distribute this actuarial valuation report to the appropriate authorities who have the legal right to require UGI to provide them with this report, in which case UGI will use best efforts to notify Willis Towers Watson of this distribution. Further distribution to, or use by, other parties of all or part of this report is expressly prohibited without Willis Towers Watson's prior written consent.



Marc B. Freedman, ASA
Willis Towers Watson



Daniel Callahan, FSA
Willis Towers Watson

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-44

Request:

Please provide all documentation supporting the uncollectible accrual rate reflected in the Company's filing.

Response:

Please refer to UGI Gas Exhibit A (Historic), UGI Gas Exhibit (A (Future), and UGI Gas Exhibit A (Fully Projected Future), Schedule D-11, for a calculation of the uncollectible accrual rate.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-45

Request:

Please provide all work papers and documentation supporting the Company's claimed balance of gas stored underground - current. Include support for the monthly injections and withdrawals and the gas cost rate.

Response:

Please see Attachment SDR-RR-45.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
GAS STORED UNDERGROUND - CURRENT
SEPTEMBER 2020 - SEPTEMBER 2021

Month	Injections DTH	Withdrawals DTH	Inventory Change DTH	Inventory Balance DTH	Injected Value	Withdrawn Value	Monthly \$ Change	Balance \$ Value	Average Weighted Cost of Inventory \$ per DTH
Beginning Balance				11,071,346				\$ 16,336,272	
September 2020	2,148,185	(196,510)	1,951,675	13,023,021	\$ 3,855,012	\$ (318,664)	\$ 3,536,348	\$ 19,872,620	\$ 1.5260
October 2020	2,444,620	(234,901)	2,209,719	15,232,740	\$ 4,053,726	\$ (384,595)	\$ 3,669,131	\$ 23,541,751	\$ 1.5455
November 2020	319,042	(548,332)	(229,290)	15,003,450	\$ 514,013	\$ (853,670)	\$ (339,657)	\$ 23,202,094	\$ 1.5465
December 2020	39,233	(2,761,238)	(2,722,005)	12,281,445	\$ 92,574	\$ (4,343,155)	\$ (4,250,581)	\$ 18,951,513	\$ 1.5431
January 2021	72,845	(4,110,005)	(4,037,160)	8,244,285	\$ 52,341	\$ (6,407,242)	\$ (6,354,901)	\$ 12,596,612	\$ 1.5279
February 2021	39,021	(4,175,733)	(4,136,712)	4,107,573	\$ 130,508	\$ (6,489,003)	\$ (6,358,495)	\$ 6,238,117	\$ 1.5187
March 2021	193,385	(2,677,776)	(2,484,391)	1,623,182	\$ 451,386	\$ (4,129,029)	\$ (3,677,643)	\$ 2,560,473	\$ 1.5774
April 2021	1,914,410	(646,501)	1,267,909	2,891,091	\$ 4,089,494	\$ (1,155,780)	\$ 2,933,714	\$ 5,494,187	\$ 1.9004
May 2021	2,132,111	(373,767)	1,758,344	4,649,435	\$ 4,893,384	\$ (804,166)	\$ 4,089,218	\$ 9,583,405	\$ 2.0612
June 2021	2,551,956	79,058	2,631,014	7,280,449	\$ 6,138,294	\$ 166,138	\$ 6,304,432	\$ 15,887,837	\$ 2.1823
July 2021	2,413,847	(138,136)	2,275,711	9,556,160	\$ 7,470,370	\$ (347,255)	\$ 7,123,115	\$ 23,010,952	\$ 2.4080
August 2021	2,342,421	(146,160)	2,196,261	11,752,421	\$ 8,492,242	\$ (398,825)	\$ 8,093,418	\$ 31,104,370	\$ 2.6466
September 2021	2,203,105	(223,224)	1,979,881	13,732,302	\$ 9,075,013	\$ (660,078)	\$ 8,414,935	\$ 39,519,305	\$ 2.8778
							Sub Total:	\$ 231,563,235	
							Number of Months:	13	
							Average Monthly Balance:	\$ 17,812,557	

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-46

Request:

Please provide a comparison between actual and budgeted O&M expenses by budget cost element for the historical test year and explain any budget variances of 10 percent or more.

Response:

Please see Attachment SDR-RR-46.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Actual versus Budgeted Cost Element Comparison

Comparison - Actual to Budget FY 2021 (\$000)

	<u>Actual 2021</u>	<u>Budget 2021</u>	<u>Variance</u>	<u>% Variance</u>
Cost of Sales	404,896	411,779	6,883	1.7%
Maintenance and Other Operating Expenses	210,693	218,336	7,643	3.5%
Depreciation/Amortization	109,154	106,921	(2,233)	(2.1%)
Taxes Other than Income Taxes	8,709	11,255	2,546	22.6%
Total Operating Expenses	733,452	748,291	14,839	2.0%

Maintenance and Other Operating Expenses

	<u>Actual 2021</u>	<u>Budget 2021</u>	<u>Variance</u>	<u>% Variance</u>
Payroll and Employee Benefits	90,398	95,249	4,851	5.1%
Transportation	3,719	5,335	1,616	30.3%
Contracted Labor, Materials and Equipment	32,761	33,002	241	0.7%
Uncollectible Allowance	11,932	11,850	(82)	(0.7%)
Information Technology	18,197	21,210	3,013	14.2%
Other	53,686	51,690	(1,996)	(3.9%)
	210,693	218,336	7,643	3.5%

Taxes Other than Income Taxes

The favorable variance in Taxes Other than Income Taxes was primarily driven by lower payroll taxes.

Transportation

The favorable variance in Transportation expense was primarily driven by lower fleet expenses.

Information Technology

The favorable variance in Information Technology expense was primarily driven by lower than anticipated hardware and software maintenance expenses.

UGI Utilities, Inc. - Gas Division
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Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-47

Request:

Please provide the most recent actual number of eligible participants in each of the employee medical and dental plans reflected in the Company's filing.

Response:

See Attachment SDR-RR-47.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Enrolled Employees for Calendar 2022 (as of November 2021)

Medical - Aetna POS II	
	Count as of 1/2022
Employee	252
Employee + spouse	91
Employee + child	45
Employee + children	46
Family	81
TOTAL	515

Medical - Independence BlueCross PPO	
	Count as of 1/2022
Employee	138
Employee + spouse	52
Employee + child	19
Employee + children	26
Family	54
TOTAL	289

Medical - Aetna HAP	
	Count as of 1/2022
Employee	145
Employee + spouse	46
Employee + child	39
Employee + children	25
Family	67
TOTAL	322

Medical - Independence BlueCross HDP	
	Count as of 1/2022
Employee	145
Employee + spouse	30
Employee + child	18
Employee + children	17
Family	71
TOTAL	281

Dental - United Concordia Basic	
	Count as of 1/2022
Employee	484
Employee + Spouse	154
Employee + child	59
Employee + children	50
Family	202
TOTAL	949

Dental - United Concordia Buy Up	
	Count as of 1/2022
Employee	241
Employee + Spouse	115
Employee + child	38
Employee + children	59
Family	122
TOTAL	575

UGI Utilities, Inc. - Gas Division
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SDR-RR-48

Request:

Please provide workpapers showing the derivation of future test year Social Security and Medicare FICA taxes based on future test year labor expense. Identify both the total and O&M amounts.

Response:

Please refer to UGI Gas Exhibit A (Future) and UGI Gas Exhibit A (Fully Projected), Schedules D-31 and D-32.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-49

Request:

Please provide work papers showing the derivation of future test year federal and state unemployment taxes. Show both the total and O&M amounts.

Response:

Please refer to UGI Gas Exhibit A (Future) and UGI Gas Exhibit A (Fully Projected), Schedules D-31 and D-32.

Prepared by or under the supervision of: Tracy A. Hazenstab

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
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Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-50

Request:

Please provide work papers showing the derivation of future test year capital stock taxes.

Response:

Not applicable. The PA Capital Stock tax was eliminated for tax years beginning January 1, 2016.

Prepared by or under the supervision of: Nicole M. McKinney

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
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SDR-RR-51

Request:

If applicable, please provide a copy of the billing and payment terms for all contracts between the Company and its parent or an affiliated company for services. Further, to the extent that the parent or affiliated company provides service to non-affiliated companies, please provide the corresponding billing and payment terms.

Response:

Please see the response to III-A-22.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-52

Request:

Please provide the annual level of outside services employed for the preceding three calendar years. Include in your response a breakdown of the test year amount indicating the service provider and the type of service performed.

Response:

Please see the response to III-A-28.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
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SDR-RR-53

Request:

Please describe each budgeted or planned cost savings program to be implemented during the historic or future year. Please identify the cost of implementing the program and the anticipated annual savings.

Response:

While not related to a specific program, included in both the FTY and the FPFTY is an anticipated \$2.4 million of procurement savings associated with the consolidation of the non-energy supply component of UGI Utilities' procurement function within UGI Corporation.

Prepared by or under the supervision of: Christopher R. Brown

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-54

Request:

Please explain how the Company has treated reserve accruals and balances for ratemaking purposes and provide the requested level of any self-funded reserve accruals by type of item.

Response:

Please refer to Attachment SDR-RR-54.

Prepared by or under the supervision of: Vivian K. Ressler

UGI Utilities, Inc. - Gas Division
Schedule of Reserve Accruals and Balances
(Thousands of Dollars)

Reserve Type	HTY Balance 9/30/21	Expense Treatment for Ratemaking Purposes	Related Adjustment Schedules (1)
Environmental	\$53,531	Adjusted to a three-year historical average, plus or minus the amount of reconcilable cost differences since the last rate case (2)	Schedule D-8
Bad Debt	\$14,518	Adjusted by applying the three-year historical average uncollectible percentage to adjusted revenues	Schedule D-11
Workers' Compensation	\$1,513	No adjustment required (3)	None
Medical	\$1,300	No adjustment required (3)	None
Injuries & Damages	\$1,668	Adjusted to a three-year historical average	Schedule D-15

- (1) Each respective schedule is disclosed in UGI Gas Exhibit A (Historic), Exhibit A (Future) and Exhibit A (Fully Projected).
(2) Refer to the Direct Testimony of Vivian K. Ressler, UGI Gas Statement No. 3 for discussion of the environmental adjustment.
(3) There are no related ratemaking adjustments required, as expenses are budgeted on a normalized basis.

UGI Utilities, Inc. - Gas Division
Docket No. R-2021-3030218
UGI Gas 2022 Base Rate Case
Responses to Standard Data Requests - Revenue Requirement
Delivered on January 28, 2022

SDR-RR-55

Request:

Please provide a copy of the corporate federal tax returns and supporting schedules for the preceding three years and, if applicable, a copy of the calculation work papers for the Company's consolidated tax savings adjustment.

Response:

UGI Gas is included as part of a consolidated federal income tax return. Since the complete federal tax return is a voluminous document, only excerpts from the preceding three years' returns are provided. Please see Attachment SDR-RR-55 for these excerpts. The complete tax returns are available at UGI Corporation headquarters in King of Prussia, PA.

Please also see the response to II-A-26 for the calculation of a consolidated tax savings adjustment.

Prepared by or under the supervision of: Nicole M. McKinney

Form **1120**
 Department of the Treasury
 Internal Revenue Service

U.S. Corporation Income Tax Return
 For calendar year 2017 or tax year beginning 10/01/2017, ending 09/30/2018
 ▶ Go to www.irs.gov/Form1120 for instructions and the latest information.

2017

A Check if: 1a Consolidated return (attach Form 851) <input checked="" type="checkbox"/> b Life/nonlife consolidated return <input type="checkbox"/> 2 Personal holding co. (attach Sch. PH) <input type="checkbox"/> 3 Personal service corp. (see instructions) <input type="checkbox"/> 4 Schedule M-3 attached <input checked="" type="checkbox"/>	E Check if: (1) <input type="checkbox"/> Initial return (2) <input type="checkbox"/> Final return (3) <input type="checkbox"/> Name change (4) <input type="checkbox"/> Address change	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">TYPE OR PRINT</td> <td>Name UGI Corporation & Subsidiaries</td> </tr> <tr> <td></td> <td>Number, street, and room or suite no. If a P.O. box, see instructions. P.O. BOX 858</td> </tr> <tr> <td></td> <td>City or town, state, or province, country, and ZIP or foreign postal code Valley Forge, PA 19482</td> </tr> </table>	TYPE OR PRINT	Name UGI Corporation & Subsidiaries		Number, street, and room or suite no. If a P.O. box, see instructions. P.O. BOX 858		City or town, state, or province, country, and ZIP or foreign postal code Valley Forge, PA 19482	B Employer identification number 23-2668356 C Date incorporated 12/01/1994 D Total assets (see instructions) \$ 6,981,830,376.
TYPE OR PRINT	Name UGI Corporation & Subsidiaries								
	Number, street, and room or suite no. If a P.O. box, see instructions. P.O. BOX 858								
	City or town, state, or province, country, and ZIP or foreign postal code Valley Forge, PA 19482								

	1a Gross receipts or sales	1a	3,172,307,157.		
	b Returns and allowances	1b			
	c Balance. Subtract line 1b from line 1a	1c	3,172,307,157.		
Income	2 Cost of goods sold (attach Form 1125-A)	2	2,169,989,931.		
	3 Gross profit. Subtract line 2 from line 1c	3	1,002,317,226.		
	4 Dividends (Schedule C, line 19)	4	NONE		
	5 Interest	5	8,595,059.		
	6 Gross rents	6	2,626,037.		
	7 Gross royalties	7			
	8 Capital gain net income (attach Schedule D (Form 1120))	8	1,888,165.		
	9 Net gain or (loss) from Form 4797, Part II, line 17 (attach Form 4797)	9	1,812,652.		
	10 Other income (see instructions - attach statement)	10	See Statement. 3.		
	11 Total income. Add lines 3 through 10	11	1,054,741,572.		
	Deductions (See instructions for limitations on deductions.)	12 Compensation of officers (see instructions - attach Form 1125-E)	12	15,814,794.	
13 Salaries and wages (less employment credits)		13	148,813,333.		
14 Repairs and maintenance		14	105,047,330.		
15 Bad debts		15	12,703,966.		
16 Rents		16	3,738,825.		
17 Taxes and licenses		17	47,341,347.		
18 Interest		18	61,057,136.		
19 Charitable contributions		19	See Statement. 6.		
20 Depreciation from Form 4562 not claimed on Form 1125-A or elsewhere on return (attach Form 4562)		20	486,155,032.		
21 Depletion		21	434,691.		
22 Advertising		22	2,305,105.		
23 Pension, profit-sharing, etc., plans		23	7,219,411.		
24 Employee benefit programs		24	16,272,772.		
25 Domestic production activities deduction (attach Form 8903)		25			
26 Other deductions (attach statement)		26	See Statement. 7.		
27 Total deductions. Add lines 12 through 26		27	1,034,009,657.		
28 Taxable income before net operating loss deduction and special deductions. Subtract line 27 from line 11		28	20,731,915.		
Tax, Refundable Credits, and Payments	29a Net operating loss deduction (see instructions)	29a			
	b Special deductions (Schedule C, line 20)	29b	NONE		
	c Add lines 29a and 29b	29c	NONE		
30 Taxable income. Subtract line 29c from line 28. See instructions	30	20,731,915.			
31 Total tax (Schedule J, Part I, line 11)	31	7,214,792.			
32 Total payments and refundable credits (Schedule J, Part II, line 21)	32	48,589,168.			
33 Estimated tax penalty. See instructions. Check if Form 2220 is attached <input type="checkbox"/>	33				
34 Amount owed. If line 32 is smaller than the total of lines 31 and 33, enter amount owed	34				
35 Overpayment. If line 32 is larger than the total of lines 31 and 33, enter amount overpaid	35	41,374,376.			
36 Enter amount from line 35 you want: Credited to 2018 estimated tax ▶ 41,374,376. Refunded ▶ 36	36				

Sign Here ▶ Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

Signature of officer MICHAEL R PEARSON	Date 07/08/2019	Title VICE PRESIDENT CORP TAX ADMIN	May the IRS discuss this return with the preparer shown below? See instructions. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	---------------------------	---	--

Paid Preparer Use Only	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
	Firm's name ▶				Firm's EIN ▶
	Firm's address ▶				Phone no.

UGI Corporation & Subsidiaries
 Form 1120 (2017)

Schedule C Dividends and Special Deductions (see instructions)	(a) Dividends received	(b) %	(c) Special deductions (a) x (b)
1 Dividends from less-than-20%-owned domestic corporations (other than debt-financed stock)	NONE	70	NONE
2 Dividends from 20%-or-more-owned domestic corporations (other than debt-financed stock)		80	
3 Dividends on debt-financed stock of domestic and foreign corporations		see instructions	
4 Dividends on certain preferred stock of less-than-20%-owned public utilities		42	
5 Dividends on certain preferred stock of 20%-or-more-owned public utilities		48	
6 Dividends from less-than-20%-owned foreign corporations and certain FSCs		70	
7 Dividends from 20%-or-more-owned foreign corporations and certain FSCs		80	
8 Dividends from wholly owned foreign subsidiaries		100	
9 Total. Add lines 1 through 8. See instructions for limitation			NONE
10 Dividends from domestic corporations received by a small business investment company operating under the Small Business Investment Act of 1958		100	
11 Dividends from affiliated group members		100	
12 Dividends from certain FSCs		100	
13 Dividends from foreign corporations not included on line 3, 6, 7, 8, 11, or 12			
14 Income from controlled foreign corporations under subpart F (attach Form(s) 5471).			
15 Foreign dividend gross-up			
16 IC-DISC and former DISC dividends not included on line 1, 2, or 3			
17 Other dividends			
18 Deduction for dividends paid on certain preferred stock of public utilities			
19 Total dividends. Add lines 1 through 17. Enter here and on page 1, line 4	NONE		
20 Total special deductions. Add lines 9, 10, 11, 12, and 18. Enter here and on page 1, line 29b			NONE

Schedule J Tax Computation and Payment (see instructions)

Part I-Tax Computation

1	Check if the corporation is a member of a controlled group (attach Schedule O (Form 1120)). See instructions		
2	Income tax. Check if a qualified personal service corporation. See instructions		5,085,283.
3	Alternative minimum tax (attach Form 4626)		NONE
4	Add lines 2 and 3		5,085,283.
5a	Foreign tax credit (attach Form 1118)	5a	NONE
b	Credit from Form 8834 (see instructions)	5b	
c	General business credit (attach Form 3800)	5c	751,196.
d	Credit for prior year minimum tax (attach Form 8827)	5d	
e	Bond credits from Form 8912	5e	
6	Total credits. Add lines 5a through 5e	6	751,196.
7	Subtract line 6 from line 4	7	4,334,087.
8	Personal holding company tax (attach Schedule PH (Form 1120))	8	
9a	Recapture of investment credit (attach Form 4255)	9a	
b	Recapture of low-income housing credit (attach Form 8611)	9b	
c	Interest due under the look-back method - completed long-term contracts (attach Form 8697)	9c	
d	Interest due under the look-back method - income forecast method (attach Form 8866)	9d	
e	Alternative tax on qualifying shipping activities (attach Form 8902)	9e	
f	Other (see instructions - attach statement), <u>See Statement 17</u>	9f	2,880,705.
10	Total. Add lines 9a through 9f	10	2,880,705.
11	Total tax. Add lines 7, 8, and 10. Enter here and on page 1, line 31	11	7,214,792.

Part II-Payments and Refundable Credits

12	2016 overpayment credited to 2017	12	18,582,636.
13	2017 estimated tax payments	13	30,000,000.
14	2017 refund applied for on Form 4466	14	()
15	Combine lines 12, 13, and 14	15	48,582,636.
16	Tax deposited with Form 7004	16	
17	Withholding (see instructions)	17	
18	Total payments. Add lines 15, 16, and 17	18	48,582,636.
19	Refundable credits from:		
a	Form 2439	19a	
b	Form 4136	19b	6,532.
c	Form 8827, line 8c	19c	
d	Other (attach statement - see instructions)	19d	
20	Total credits. Add lines 19a through 19d	20	6,532.
21	Total payments and credits. Add lines 18 and 20. Enter here and on page 1, line 32	21	48,589,168.

Schedule K Other Information (see instructions)

1	Check accounting method: a <input type="checkbox"/> Cash b <input checked="" type="checkbox"/> Accrual c <input type="checkbox"/> Other (specify) ▶	Yes	No
2	See the instructions and enter the:		
a	Business activity code no. ▶ <u>551112</u>		
b	Business activity ▶ <u>HOLDING COMPANY</u>		
c	Product or service ▶ <u>N/A</u>		
3	Is the corporation a subsidiary in an affiliated group or a parent-subsidiary controlled group? If "Yes," enter name and EIN of the parent corporation ▶		X
4	At the end of the tax year:		
a	Did any foreign or domestic corporation, partnership (including any entity treated as a partnership), trust, or tax-exempt organization own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part I of Schedule G (Form 1120) (attach Schedule G)		X
b	Did any individual or estate own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part II of Schedule G (Form 1120) (attach Schedule G)		X

UGI Corporation & Subsidiaries

Form 1120 (2017)

Schedule L	Balance Sheets per Books	Beginning of tax year		End of tax year	
		(a)	(b)	(c)	(d)
Assets					
1	Cash		342,797,357.		258,428,383.
2a	Trade notes and accounts receivable	125,010,997.		177,965,878.	
b	Less allowance for bad debts	(5,461,695.)	119,549,302.	(11,082,325.)	166,883,553.
3	Inventories		88,556,872.		98,639,879.
4	U.S. government obligations				
5	Tax-exempt securities (see instructions)				
6	Other current assets (attach statement)	Stmt 27	102,245,815.		117,569,594.
7	Loans to shareholders				
8	Mortgage and real estate loans				
9	Other investments (attach statement)	Stmt 35	1,977,280,151.		2,139,770,478.
10a	Buildings and other depreciable assets	4,368,498,743.		4,813,984,988.	
b	Less accumulated depreciation	(1,194,120,059.)	3,174,378,684.	(1,299,453,283.)	3,514,531,705.
11a	Depletable assets				
b	Less accumulated depletion	()		()	
12	Land (net of any amortization)		24,948,240.		24,935,559.
13a	Intangible assets (amortizable only)	294,960,766.		223,200,277.	
b	Less accumulated amortization	(15,692,108.)	279,268,658.	(17,260,508.)	205,939,769.
14	Other assets (attach statement)	Stmt 40	462,479,032.		455,131,456.
15	Total assets		6,571,504,111.		6,981,830,376.
Liabilities and Shareholders' Equity					
16	Accounts payable		163,707,069.		215,501,970.
17	Mortgages, notes, bonds payable in less than 1 year		249,771,941.		201,322,652.
18	Other current liabilities (attach statement)	Stmt 44	149,556,386.		150,819,259.
19	Loans from shareholders				
20	Mortgages, notes, bonds payable in 1 year or more		1,400,899,831.		1,436,924,917.
21	Other liabilities (attach statement)	Stmt 53	1,444,287,358.		1,345,179,912.
22	Capital stock: a Preferred stock				
	b Common stock				
23	Additional paid-in capital		1,186,671,406.		1,199,506,775.
24	Retained earnings - Appropriated (attach statement)				
25	Retained earnings - Unappropriated		2,108,622,574.		2,612,429,855.
26	Adjustments to shareholders' equity (attach statement)		-93,448,369.		-159,798,285.
27	Less cost of treasury stock		(38,564,085.)		(20,056,679.)
28	Total liabilities and shareholders' equity		6,571,504,111.		6,981,830,376.

Schedule M-1 Reconciliation of Income (Loss) per Books With Income per Return

Note: The corporation may be required to file Schedule M-3. See instructions.

1	Net income (loss) per books		7	Income recorded on books this year not included on this return (itemize): Tax-exempt interest \$ _____
2	Federal income tax per books		8	Deductions on this return not charged against book income this year (itemize): a Depreciation \$ _____ b Charitable contributions . \$ _____
3	Excess of capital losses over capital gains		9	Add lines 7 and 8
4	Income subject to tax not recorded on books this year (itemize): _____		10	Income (page 1, line 28) - line 6 less line 9
5	Expenses recorded on books this year not deducted on this return (itemize): a Depreciation \$ _____ b Charitable contributions . \$ _____ c Travel and entertainment . \$ _____			
6	Add lines 1 through 5			

Schedule M-2 Analysis of Unappropriated Retained Earnings per Books (Line 25, Schedule L)

1	Balance at beginning of year	2,108,622,574.	5	Distributions: a Cash	176,903,746.
2	Net income (loss) per books	615,382,700.		b Stock	
3	Other increases (itemize): _____			c Property	
	See Statement 59	103,355,400.	6	Other decreases (itemize) Stmt 63	38,027,073.
4	Add lines 1, 2, and 3	2,827,360,674.	7	Add lines 5 and 6	214,930,819.
			8	Balance at end of year (line 4 less line 7)	2,612,429,855.

Form 1120 (2017)

**SCHEDULE M-3
(Form 1120)**

**Net Income (Loss) Reconciliation for Corporations
With Total Assets of \$10 Million or More**

OMB No. 1545-0123

2017

Department of the Treasury
Internal Revenue Service

▶ Attach to Form 1120 or 1120-C.

▶ Go to www.irs.gov/Form1120 for instructions and the latest information.

Name of corporation (common parent, if consolidated return) <u>UGI Corporation</u>				Employer identification number <u>23-2668356</u>	
Check applicable box(es):	(1) <input type="checkbox"/>	Non-consolidated return	(2) <input type="checkbox"/>	Consolidated return (Form 1120 only)	
	(3) <input checked="" type="checkbox"/>	Mixed 1120/L/PC group	(4) <input type="checkbox"/>	Dormant subsidiaries schedule attached	

Part I Financial Information and Net Income (Loss) Reconciliation (see instructions)

- 1 a** Did the corporation file SEC Form 10-K for its income statement period ending with or within this tax year?
 Yes. Skip lines 1b and 1c and complete lines 2a through 11 with respect to that SEC Form 10-K.
 No. Go to line 1b. See instructions if multiple non-tax-basis income statements are prepared.
- b** Did the corporation prepare a certified audited non-tax-basis income statement for that period?
 Yes. Skip line 1c and complete lines 2a through 11 with respect to that income statement.
 No. Go to line 1c.
- c** Did the corporation prepare a non-tax-basis income statement for that period?
 Yes. Complete lines 2a through 11 with respect to that income statement.
 No. Skip lines 2a through 3c and enter the corporation's net income (loss) per its books and records on line 4a.
- 2 a** Enter the income statement period: Beginning 10/01/2017 Ending 09/30/2018
- b** Has the corporation's income statement been restated for the income statement period on line 2a?
 Yes. (If "Yes," attach an explanation and the amount of each item restated.)
 No.
- c** Has the corporation's income statement been restated for any of the five income statement periods immediately preceding the period on line 2a?
 Yes. (If "Yes," attach an explanation and the amount of each item restated.)
 No.
- 3 a** Is any of the corporation's voting common stock publicly traded?
 Yes.
 No. If "No," go to line 4a.
- b** Enter the symbol of the corporation's primary U.S. publicly traded voting common stock UGI
- c** Enter the nine-digit CUSIP number of the corporation's primary publicly traded voting common stock 902681105

4 a Worldwide consolidated net income (loss) from income statement source identified in Part I, line 1.	4a	718,711,691.
b Indicate accounting standard used for line 4a (see instructions): (1) <input checked="" type="checkbox"/> GAAP (2) <input type="checkbox"/> IFRS (3) <input type="checkbox"/> Statutory (4) <input type="checkbox"/> Tax-basis (5) <input type="checkbox"/> Other (specify) _____		
5 a Net income from nonincludible foreign entities (attach statement). Stmt. 66.	5a	(103,355,400.
b Net loss from nonincludible foreign entities (attach statement and enter as a positive amount)	5b	
6 a Net income from nonincludible U.S. entities (attach statement)	6a	()
b Net loss from nonincludible U.S. entities (attach statement and enter as a positive amount)	6b	
7 a Net income (loss) of other includible foreign disregarded entities (attach statement)	7a	
b Net income (loss) of other includible U.S. disregarded entities (attach statement)	7b	
c Net income (loss) of other includible entities (attach statement).	7c	
8 Adjustment to eliminations of transactions between includible entities and nonincludible entities (attach statement)	8	
9 Adjustment to reconcile income statement period to tax year (attach statement).	9	
10 a Intercompany dividend adjustments to reconcile to line 11 (attach statement).	10a	
b Other statutory accounting adjustments to reconcile to line 11 (attach statement).	10b	
c Other adjustments to reconcile to amount on line 11 (attach statement). Stmt. 67.	10c	26,409.
11 Net income (loss) per income statement of includible corporations. Combine lines 4 through 10.	11	615,382,700.

Note: Part I, line 11, must equal Part II, line 30, column (a) or Schedule M-1, line 1 (see instructions).

12 Enter the total amount (not just the corporation's share) of the assets and liabilities of all entities included or removed on the following lines.

	Total Assets	Total Liabilities
a Included on Part I, line 4 ▶	11,938,028,450.	7,837,981,253.
b Removed on Part I, line 5 ▶	1,658,446,299.	1,116,575,795.
c Removed on Part I, line 6 ▶		
d Included on Part I, line 7 ▶		

Name of corporation (common parent, if consolidated return) UGI Corporation	Employer identification number 23-2668356
Check applicable box(es): (1) <input checked="" type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp (3) <input type="checkbox"/> Consolidated eliminations (4) <input type="checkbox"/> Subsidiary corp (5) <input checked="" type="checkbox"/> Mixed 1120/L/PC group	
Check if a sub-consolidated: (6) <input type="checkbox"/> 1120 group (7) <input type="checkbox"/> 1120 eliminations	
Name of subsidiary (if consolidated return) Nonlife Consolidation	Employer identification number

Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)

Income (Loss) Items (Attach statements for lines 1 through 12)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations				
2 Gross foreign dividends not previously taxed				
3 Subpart F, QEF, and similar income inclusions				
4 Section 78 gross-up				
5 Gross foreign distributions previously taxed				
6 Income (loss) from equity method U.S. corporations				
7 U.S. dividends not eliminated in tax consolidation				
8 Minority interest for includible corporations				
9 Income (loss) from U.S. partnerships				
10 Income (loss) from foreign partnerships				
11 Income (loss) from other pass-through entities				
12 Items relating to reportable transactions				
13 Interest income (see instructions)				
14 Total accrual to cash adjustment				
15 Hedging transactions				
16 Mark-to-market income (loss)				
17 Cost of goods sold (see instructions)	()			()
18 Sale versus lease (for sellers and/or lessors)				
19 Section 481(a) adjustments				
20 Unearned/deferred revenue				
21 Income recognition from long-term contracts				
22 Original issue discount and other imputed interest				
23 a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than inventory and pass-through entities				
b Gross capital gains from Schedule D, excluding amounts from pass-through entities				
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
e Abandonment losses				
f Worthless stock losses (attach statement)				
g Other gain/loss on disposition of assets other than inventory				
24 Capital loss limitation and carryforward used				
25 Other income (loss) items with differences (attach statement)				
26 Total income (loss) items. Combine lines 1 through 25				
27 Total expense/deduction items (from Part III, line 38)				
28 Other items with no differences				
29 a Mixed groups, see instructions. All others, combine lines 26 through 28	615,446,048.	-493,597,286.	-100,877,567.	20,971,195.
b PC insurance subgroup reconciliation totals	-63,348.	-20,138.	-155,788.	-239,274.
c Life insurance subgroup reconciliation totals				
30 Reconciliation totals. Combine lines 29a through 29c	615,382,700.	-493,617,424.	-101,033,355.	20,731,921.

Note: Line 30, column (a), must equal Part I, line 11, and column (d) must equal Form 1120, page 1, line 28.

Name of corporation (common parent, if consolidated return) UGI Corporation		Employer identification number 23-2668356
Check applicable box(es): (1) <input type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp (3) <input type="checkbox"/> Consolidated eliminations (4) <input type="checkbox"/> Subsidiary corp (5) <input checked="" type="checkbox"/> Mixed 1120/L/PC group		
Check if a sub-consolidated: (6) <input checked="" type="checkbox"/> 1120 group (7) <input type="checkbox"/> 1120 eliminations		
Name of subsidiary (if consolidated return) 1120 Subgroup		Employer identification number

Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)

Income (Loss) Items (Attach statements for lines 1 through 12)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations				
2 Gross foreign dividends not previously taxed	98,502,829.	-98,502,829.		
3 Subpart F, QEF, and similar income inclusions				
4 Section 78 gross-up				
5 Gross foreign distributions previously taxed				
6 Income (loss) from equity method U.S. corporations				
7 U.S. dividends not eliminated in tax consolidation		-14,924,445.	14,924,445.	
8 Minority interest for includible corporations				
9 Income (loss) from U.S. partnerships	87,256,939.	-22,566,448.		64,690,491.
10 Income (loss) from foreign partnerships				
11 Income (loss) from other pass-through entities				
12 Items relating to reportable transactions				
13 Interest income (see instructions)	6,917,992.	-1,816,554.		5,101,438.
14 Total accrual to cash adjustment				
15 Hedging transactions	-20,053,395.	-19,811,547.	-129,823.	-39,994,765.
16 Mark-to-market income (loss)	28,898,830.			28,898,830.
17 Cost of goods sold (see instructions)	(1,783,087,953.)	-362,228,402.		(2,145,316,355.)
18 Sale versus lease (for sellers and/or lessors)				
19 Section 481(a) adjustments				
20 Unearned/deferred revenue				
21 Income recognition from long-term contracts				
22 Original issue discount and other imputed interest				
23 a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than inventory and pass-through entities	-182,184.	192,611.	-10,427.	
b Gross capital gains from Schedule D, excluding amounts from pass-through entities				
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses		138,590.		138,590.
e Abandonment losses				
f Worthless stock losses (attach statement)				
g Other gain/loss on disposition of assets other than inventory			864,052.	864,052.
24 Capital loss limitation and carryforward used				
25 Other income (loss) items with differences (attach statement)	-414,259,835.	403,179,453.	-3,106,414.	-14,186,796.
26 Total income (loss) items. Combine lines 1 through 25	-1,996,006,777.	-116,339,571.	12,541,833.	-2,099,804,515.
27 Total expense/deduction items (from Part III, line 38)	-290,162,652.	-377,257,715.	-113,419,400.	-780,839,767.
28 Other items with no differences	2,901,615,477.			2,901,615,477.
29 a Mixed groups, see instructions. All others, combine lines 26 through 28	615,446,048.	-493,597,286.	-100,877,567.	20,971,195.
b PC insurance subgroup reconciliation totals				
c Life insurance subgroup reconciliation totals				
30 Reconciliation totals. Combine lines 29a through 29c	615,446,048.	-493,597,286.	-100,877,567.	20,971,195.

Note: Line 30, column (a), must equal Part I, line 11, and column (d) must equal Form 1120, page 1, line 28.

Name of corporation (common parent, if consolidated return) UGI Corporation	Employer identification number 23-2668356
Check applicable box(es): (1) <input type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp (3) <input type="checkbox"/> Consolidated eliminations (4) <input type="checkbox"/> Subsidiary corp (5) <input checked="" type="checkbox"/> Mixed 1120/L/PC group	
Check if a sub-consolidated: (6) <input checked="" type="checkbox"/> 1120 group (7) <input type="checkbox"/> 1120 eliminations	
Name of subsidiary (if consolidated return) 1120 Subgroup	Employer identification number

Part III Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return - Expense/Deduction Items (see instructions)

Expense/Deduction Items	(a) Expense per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Deduction per Tax Return
1 U.S. current income tax expense	-4,910,667.		4,910,667.	
2 U.S. deferred income tax expense	-76,196,532.		76,196,532.	
3 State and local current income tax expense	24,161,769.	-266,294.		23,895,475.
4 State and local deferred income tax expense	5,461,204.	-5,461,204.		
5 Foreign current income tax expense (other than foreign withholding taxes)	165,372.	-165,372.		
6 Foreign deferred income tax expense				
7 Foreign withholding taxes				
8 Interest expense (see instructions)	54,767,744.	2,355,350.	1.	57,123,095.
9 Stock option expense	5,905,687.	-514,440.	35,173,147.	40,564,394.
10 Other equity-based compensation	10,828,976.	-6,751,933.	1,779,914.	5,856,957.
11 Meals and entertainment	1,398,812.		-829,737.	569,075.
12 Fines and penalties	1,014,483.		-1,014,214.	269.
13 Judgments, damages, awards, and similar costs				
14 Parachute payments				
15 Compensation with section 162(m) limitation	2,511,450.		-511,450.	2,000,000.
16 Pension and profit-sharing	17,019,701.	-9,800,290.		7,219,411.
17 Other post-retirement benefits	-970,513.	886,962.		-83,551.
18 Deferred compensation				
19 Charitable contribution of cash and tangible property	2,124,947.	-300.	-4,714.	2,119,933.
20 Charitable contribution of intangible property				
21 Charitable contribution limitation/carryforward				
22 Domestic production activities deduction				
23 Current year acquisition or reorganization investment banking fees				
24 Current year acquisition or reorganization legal and accounting fees				
25 Current year acquisition/reorganization other costs				
26 Amortization/impairment of goodwill	1,026.	11,376,540.		11,377,566.
27 Amortization of acquisition, reorganization, and start-up costs	486,943.	-438,250.		48,693.
28 Other amortization or impairment write-offs	14,071,538.	-8,105,073.		5,966,465.
29 Reserved				
30 Depletion		434,691.		434,691.
31 Depreciation	120,818,647.	365,336,528.		486,155,175.
32 Bad debt expense	18,324,596.	-5,620,630.		12,703,966.
33 Corporate owned life insurance premiums				
34 Purchase versus lease (for purchasers and/or lessees)	23,451.	123,422.		146,873.
35 Research and development costs				
36 Section 118 exclusion (attach statement)				
37 Other expense/deduction items with differences (attach statement)	93,154,018.	33,868,008.	-2,280,746.	124,741,280.
38 Total expense/deduction items. Combine lines 1 through 37. Enter here and on Part II, line 27, reporting positive amounts as negative and negative amounts as positive	290,162,652.	377,257,715.	113,419,400.	780,839,767.

UGI Corporation & Subsidiaries

23-2668356

	Combined	UGI Eliminations Top Consolidation	Adjustments	UGI Corporation & Subsidiaries	
Consolidated Schedules					
1120 Page 1					
1a	Gross receipts or sales	3,172,307,157.		3,172,307,157.	
1b	Returns and allowances				
1c	Balance	3,172,307,157.		3,172,307,157.	
2	Cost of goods sold	2,169,989,931.		2,169,989,931.	
3	Gross profit	1,002,317,226.		1,002,317,226.	
4	Dividends	NONE		NONE	
5	Interest	8,595,059.		8,595,059.	
6	Gross rents	2,626,037.		2,626,037.	
7	Gross royalties				
8	Capital gain net income	1,888,165.		1,888,165.	
9	Net gain or (loss) from Form 4797	1,812,652.		1,812,652.	
10	Other income	37,502,433.		37,502,433.	
11	Total income	1,054,741,572.		1,054,741,572.	
12	Compensation of officers	15,814,794.		15,814,794.	
13	Salaries and wages	148,813,333.		148,813,333.	
14	Repairs and maintenance	105,047,330.		105,047,330.	
15	Bad debts	12,703,966.		12,703,966.	
16	Rents	3,738,825.		3,738,825.	
17	Taxes and licenses	47,341,347.		47,341,347.	
18	Interest	61,057,136.		61,057,136.	
19	Charitable contributions	2,171,169.		2,171,169.	
20	Depreciation	486,155,032.		486,155,032.	
21	Depletion	434,685.	6.	434,691.	
22	Advertising	2,305,105.		2,305,105.	
23	Pension, profit-sharing etc., plans	7,219,411.		7,219,411.	
24	Employee benefit programs	16,272,772.		16,272,772.	
25	Domestic production activities deduction				
26	Other deductions	124,934,746.		124,934,746.	
27	Total deductions	1,034,009,651.	6.	1,034,009,657.	
28	Taxable income before NOL & Spec. Deductions	20,731,921.	NONE	-6.	20,731,915.
29	NOL, Spec. deductions	NONE			NONE
30	Taxable income	20,731,921.	NONE	-6.	20,731,915.
JSA					

1120C Subgroup 1120 PC Subgroup

Consolidated Schedules

1120 Page 1

23-2668356

03-0338831

	-----	-----
1a Gross receipts or sales	3,170,543,551.	1,763,606.
1b Returns and allowances		
1c Balance	3,170,543,551.	1,763,606.
2 Cost of goods sold	2,169,989,931.	
3 Gross profit	1,000,553,620.	1,763,606.
4 Dividends		NONE
5 Interest	8,525,326.	69,733.
6 Gross rents	2,626,037.	
7 Gross royalties		
8 Capital gain net income	1,320,254.	567,911.
9 Net gain or (loss) from Form 4797	1,812,652.	
10 Other income	37,502,433.	
	-----	-----
11 Total income	1,052,340,322.	2,401,250.
	-----	-----
12 Compensation of officers	15,814,794.	
13 Salaries and wages	148,813,333.	
14 Repairs and maintenance	105,047,330.	
15 Bad debts	12,703,966.	
16 Rents	3,738,825.	
17 Taxes and licenses	47,273,006.	68,341.
18 Interest	61,057,136.	
19 Charitable contributions	2,171,169.	
20 Depreciation	486,155,032.	
21 Depletion	434,685.	
22 Advertising	2,305,105.	
23 Pension, profit-sharing etc., plans	7,219,411.	
24 Employee benefit programs	16,272,772.	
25 Domestic production activities deduction		
26 Other deductions	122,362,563.	2,572,183.
	-----	-----
27 Total deductions	1,031,369,127.	2,640,524.
	-----	-----
28 Taxable income before NOL & Spec. Deductions	20,971,195.	-239,274.
	=====	=====
29 NOL, Spec. deductions		NONE
	-----	-----
30 Taxable income	20,971,195.	-239,274.
	=====	=====
JSA		

1120C Subgroup

23-2668356

	Combined	UGI Eliminations	Adjustments	1120C Subgroup
Consolidated Schedules				
1120 Page 1				
1a	Gross receipts or sales	3,188,074,709.	-17,531,158.	3,170,543,551.
1b	Returns and allowances			
1c	Balance	3,188,074,709.	-17,531,158.	3,170,543,551.
2	Cost of goods sold	2,169,989,931.		2,169,989,931.
3	Gross profit	1,018,084,778.	-17,531,158.	1,000,553,620.
4	Dividends	172,192,094.	-172,192,094.	
5	Interest	9,390,075.	-864,749.	8,525,326.
6	Gross rents	2,626,037.		2,626,037.
7	Gross royalties			
8	Capital gain net income	3,114,546.	-1,794,292.	1,320,254.
9	Net gain or (loss) from Form 4797	18,360.	1,794,292.	1,812,652.
10	Other income	91,431,595.	-53,929,162.	37,502,433.
11	Total income	1,296,857,485.	-244,517,163.	1,052,340,322.
12	Compensation of officers	15,814,794.		15,814,794.
13	Salaries and wages	148,813,333.		148,813,333.
14	Repairs and maintenance	105,047,330.		105,047,330.
15	Bad debts	12,703,966.		12,703,966.
16	Rents	3,738,825.		3,738,825.
17	Taxes and licenses	47,273,006.		47,273,006.
18	Interest	65,536,607.	-4,479,471.	61,057,136.
19	Charitable contributions	2,171,169.		2,171,169.
20	Depreciation	486,155,032.		486,155,032.
21	Depletion	434,685.		434,685.
22	Advertising	2,305,105.		2,305,105.
23	Pension, profit-sharing etc., plans	7,219,411.		7,219,411.
24	Employee benefit programs	16,272,772.		16,272,772.
25	Domestic production activities deduction			
26	Other deductions	190,208,161.	-67,845,598.	122,362,563.
27	Total deductions	1,103,694,196.	-72,325,069.	1,031,369,127.
28	Taxable income before NOL & Spec. Deductions	193,163,289.	-172,192,094.	20,971,195.
29	NOL, Spec. deductions	172,192,094.	-172,192,094.	
30	Taxable income	20,971,195.		20,971,195.
JSA				

1120C Subgroup

23-2668356

Consolidated Schedules	UGI Corporation	AmeriGas Propane, Inc.	AmeriGas Technology Group, Inc.	AmeriGas, Inc.	Ashtola Production Company	Eastfield International Holdings, Inc.	Energy Services Funding Corporation	EuroGas Holdings, Inc.
1120 Page 1	23-2668356	23-2786294	23-2861011	23-2716858	23-2101362	51-0385770	23-3099149	51-0392140
1a	Gross receipts or sales	1,317,205,624.						
1b	Returns and allowances							
1c	Balance	1,317,205,624.						
2	Cost of goods sold	1,047,537,965.						
3	Gross profit	269,667,659.						
4	Dividends	125,392,667.		46,799,427.				
5	Interest	950,513.	3,310,345.				146,803.	
6	Gross rents	314.						
7	Gross royalties							
8	Capital gain net income	-3,849.	2,988,597.					
9	Net gain or (loss) from Form 4797	9,568.						
10	Other income	9,967,780.	61,124,202.				6,288,497.	
11	Total income	405,984,652.	67,423,144.		46,799,427.		6,435,300.	
12	Compensation of officers	10,382,560.	1,000,000.					
13	Salaries and wages	68,516,590.	3,771,331.					
14	Repairs and maintenance	536,678.						
15	Bad debts						133,448.	
16	Rents	2,095,323.						
17	Taxes and licenses	15,055,860.	3,350,579.		19,454.		530,719.	
18	Interest	1,836,560.	397.					
19	Charitable contributions	342,272.	51,089.					
20	Depreciation	120,835,792.	5,448.		4,038.			
21	Depletion	434,685.						
22	Advertising	911,567.						
23	Pension, profit-sharing etc., plans	3,309,919.						
24	Employee benefit programs	2,625,423.						
25	Domestic production activities deduction							
26	Other deductions	26,567,089.	-1,980,120.		2,337.	1,133.	989,349.	
27	Total deductions	253,450,318.	6,198,724.		25,829.	1,133.	1,653,516.	
28	Taxable income before NOL & Spec. Deductions	152,534,334.	61,224,420.	NONE	46,773,598.	-1,133.	NONE	4,781,784.
29	NOL, Spec. deductions	125,392,667.			46,799,427.			
30	Taxable income	27,141,667.	61,224,420.	NONE	-25,829.	-1,133.	NONE	4,781,784.
JSA								

1120C Subgroup

23-2668356

	Four Flags Drilling Company	Hellertown Pipeline Company	Homestead Holding Company	Newbury Holding Company	UGI Asset Management, Inc.	UGI Black Sea Enterprises, Inc.	UGI China, Inc.	UGI Development Company
	23-2178262	46-0490470	51-0467618	30-0170818	51-0380873	23-2800542	52-2095053	23-1650159
1a								68,354,089.
1b								
1c								68,354,089.
2								33,492,416.
3								34,861,673.
4								
5				2,667,060.				16,549.
6								164.
7								
8								
9								
10								1,864.
11				2,667,060.				34,880,250.
12								
13								2,235,033.
14								
15								
16			1,849.	1,849.				146,873.
17				275.				745,479.
18			146,803.					
19								
20								18,659,593.
21								
22								
23								182,893.
24								454,565.
25								
26			5,852.	4,920.	438.			11,197,197.
27			154,504.	7,044.	438.			33,621,633.
28	NONE	NONE	-154,504.	2,660,016.	-438.	NONE	NONE	1,258,617.
29								
30	NONE	NONE	-154,504.	2,660,016.	-438.	NONE	NONE	1,258,617.

1120C Subgroup

23-2668356

	UGI Energy Ventures, Inc 71-0992456	UGI Ethanol Development Company 23-2179048	UGI Europe, Inc. 23-3070112	UGI Hunlock Development Company 23-3051491	UGI HVAC Enterprises, Inc. 51-0375688	UGI International (China), Inc. 23-2867252	UGI International (Romania), Inc. 23-2837401	UGI LNG, Inc 51-0590685
Consolidated Schedules								
1120 Page 1								
1a			608,031,462.		48,989,628.			13,268,374.
1b								
1c			608,031,462.		48,989,628.			13,268,374.
2			560,160,232.		26,502,670.			
3			47,871,230.		22,486,958.			13,268,374.
4								
5			2,274,940.					
6								
7								
8								
9					-104,794.			
10			1,708,155.					
11			51,854,325.		22,382,164.			13,268,374.
12					150,692.			
13			27,574.		9,336,540.			
14								875,698.
15					307,574.			
16					607,622.			
17			1,394,520.	90,141.	1,581,765.			381,681.
18			19,021,564.		508,444.			
19					3,722.			
20					1,394,725.			4,999,628.
21								
22					756,072.			
23					288,135.			
24					2,554,377.			
25								
26			26,192,856.		5,785,372.			2,219,399.
27			46,636,514.	90,141.	23,275,040.			8,476,406.
28	NONE	NONE	5,217,811.	-90,141.	-892,876.	NONE	NONE	4,791,968.
29								
30	NONE	NONE	5,217,811.	-90,141.	-892,876.	NONE	NONE	4,791,968.
JSA								

1120C Subgroup

23-2668356

	UGI Penn HVAC Services, Inc	UGI Penn Natural Gas, Inc	UGI Petroleum Products of Delaware, Inc	UGI Properties, Inc.	UGI Romania, Inc.	UGI Storage Company	UGID Holding Company	UGI Utilities, Inc
	23-1946160	56-2557139	51-0056772	23-2710207	23-2925615	32-0309503	51-0389590	23-1174060
Consolidated Schedules								
1120 Page 1								
1a Gross receipts or sales		268,997,599.				10,923,406.		695,598,808.
1b Returns and allowances								
1c Balance		268,997,599.				10,923,406.		695,598,808.
2 Cost of goods sold		114,830,247.				-151,793.		336,960,990.
3 Gross profit		154,167,352.				11,075,199.		358,637,818.
4 Dividends								
5 Interest								23,865.
6 Gross rents				2,598,791.				26,768.
7 Gross royalties								
8 Capital gain net income		129,798.						
9 Net gain or (loss) from Form 4797						-20,360.		84,697.
10 Other income		1,063,212.				2,580.	3.	5,309,152.
11 Total income		155,360,362.		2,598,791.		11,057,419.	3.	364,082,300.
12 Compensation of officers								4,281,542.
13 Salaries and wages		14,940,307.						37,546,057.
14 Repairs and maintenance		32,497,109.		364,177.				62,818,234.
15 Bad debts		3,146,493.						7,191,798.
16 Rents							1,849.	592,022.
17 Taxes and licenses	15,229.	2,499,839.		237,699.		487,070.		14,192,614.
18 Interest		2,064,483.		776,195.				41,142,254.
19 Charitable contributions		186,236.		1,000.		200,000.		1,312,271.
20 Depreciation		132,465,877.		935,016.		1,754,496.		163,731,388.
21 Depletion								
22 Advertising								624,619.
23 Pension, profit-sharing etc., plans		1,660,382.						-798,807.
24 Employee benefit programs		2,331,577.						7,298,342.
25 Domestic production activities deduction								
26 Other deductions	328.	40,423,004.		383,362.		2,713,094.	5,182.	55,515,664.
27 Total deductions	15,557.	232,215,307.		2,697,449.		5,154,660.	7,031.	395,447,998.
28 Taxable income before NOL & Spec. Deductions	-15,557.	-76,854,945.	NONE	-98,658.	NONE	5,902,759.	-7,028.	-31,365,698.
29 NOL, Spec. deductions								
30 Taxable income	-15,557.	-76,854,945.	NONE	-98,658.	NONE	5,902,759.	-7,028.	-31,365,698.
JSA								

1120C Subgroup

23-2668356

UGI Central Penn
 Gas, Inc

Consolidated Schedules
1120 Page 1

23-1278755

1a	Gross receipts or sales	156,705,719.
1b	Returns and allowances	
1c	Balance	156,705,719.
2	Cost of goods sold	50,657,204.
3	Gross profit	106,048,515.
4	Dividends	
5	Interest	
6	Gross rents	
7	Gross royalties	
8	Capital gain net	
9	income	
9	Net gain or (loss)	49,249.
	from Form 4797	
10	Other income	5,966,150.

11	Total income	112,063,914.

12	Compensation of	
	officers	
13	Salaries and wages	12,439,901.
14	Repairs and maintenance	7,955,434.
15	Bad debts	1,924,653.
16	Rents	291,438.
17	Taxes and licenses	6,690,082.
18	Interest	39,907.
19	Charitable contributions	74,579.
20	Depreciation	41,369,031.
21	Depletion	
22	Advertising	12,847.
23	Pension, profit-sharing	2,576,889.
	etc., plans	
24	Employee benefit programs	1,008,488.
25	Domestic production activities	
	deduction	
26	Other deductions	20,181,705.

27	Total deductions	94,564,954.

28	Taxable income before	17,498,960.
	NOL & Spec. Deductions	
		=====
29	NOL, Spec. deductions	

30	Taxable income	17,498,960.
		=====

JSA

1120
 Form Department of the Treasury Internal Revenue Service

U.S. Corporation Income Tax Return
 For calendar year 2018 or tax year beginning 10/01/2018, ending 09/30/2019
 ▶ Go to www.irs.gov/Form1120 for instructions and the latest information.

OMB No. 1545-0123
2018

A Check if: 1a Consolidated return (attach Form 851) <input checked="" type="checkbox"/> X b Life/nonlife consolidated return <input type="checkbox"/> 2 Personal holding co. (attach Sch. PH) <input type="checkbox"/> 3 Personal service corp. (see instructions) <input type="checkbox"/> 4 Schedule M-3 attached <input checked="" type="checkbox"/> X		Name UGI Corporation & Subsidiaries Number, street, and room or suite no. If a P.O. box, see instructions. P.O. BOX 858 City or town, state, or province, country, and ZIP or foreign postal code Valley Forge, PA 19482	B Employer identification number 23-2668356 C Date incorporated 12/01/1994 D Total assets (see instructions) \$ 15,062,267,891.
---	--	--	---

E Check if:		(1)	Initial return (2)	Final return (3)	Name change (4)	Address change
Income	1a	Gross receipts or sales	1a	2,839,287,655.		
		b	Returns and allowances	1b		
		c	Balance. Subtract line 1b from line 1a	1c	2,839,287,655.	
	2	Cost of goods sold (attach Form 1125-A)	2	1,991,901,876.		
	3	Gross profit. Subtract line 2 from line 1c	3	847,385,779.		
	4	Dividends and inclusions (Schedule C, line 23, column (a))	4	64,230,131.		
	5	Interest	5	11,880,967.		
	6	Gross rents	6	243.		
	7	Gross royalties	7			
	8	Capital gain net income (attach Schedule D (Form 1120))	8	NONE		
	9	Net gain or (loss) from Form 4797, Part II, line 17 (attach Form 4797)	9	666,191.		
10	Other income (see instructions - attach statement)	10	See Statement. 3.			
11	Total income. Add lines 3 through 10	11	1,079,445,320.			
Deductions (See instructions for limitations on deductions.)	12	Compensation of officers (see instructions - attach Form 1125-E)	12	32,630,512.		
	13	Salaries and wages (less employment credits)	13	142,535,634.		
	14	Repairs and maintenance	14	See Statement. 6.		
	15	Bad debts	15	See Statement. 8.		
	16	Rents	16	See Statement. 9.		
	17	Taxes and licenses	17	See Statement. 12.		
	18	Interest (see instructions)	18	See Statement. 18.		
	19	Charitable contributions	19	See Statement. 21.		
	20	Depreciation from Form 4562 not claimed on Form 1125-A or elsewhere on return (attach Form 4562)	20	161,990,053.		
	21	Depletion	21	343,824.		
	22	Advertising	22	See Statement. 22.		
	23	Pension, profit-sharing, etc., plans	23	-105,570,501.		
	24	Employee benefit programs	24	See Statement. 23.		
	25	Reserved for future use	25			
	26	Other deductions (attach statement)	26	See Statement. 24.		
	27	Total deductions. Add lines 12 through 26	27	804,273,975.		
	28	Taxable income before net operating loss deduction and special deductions. Subtract line 27 from line 11	28	275,171,345.		
Tax, Refundable Credits, and Payments	29a	Net operating loss deduction (see instructions)	29a			
	b	Special deductions (Schedule C, line 24, column (c))	29b	32,115,066.		
	c	Add lines 29a and 29b	29c	32,115,066.		
30	Taxable income. Subtract line 29c from line 28. See instructions	30	243,056,279.			
31	Total tax (Schedule J, Part I, line 11)	31	44,979,282.			
32	2018 net 965 tax liability paid (Schedule J, Part II, line 12)	32				
33	Total payments, credits, and section 965 net tax liability (Schedule J, Part III, line 23)	33	48,882,927.			
34	Estimated tax penalty. See instructions. Check if Form 2220 is attached <input type="checkbox"/>	34				
35	Amount owed. If line 33 is smaller than the total of lines 31, 32, and 34, enter amount owed	35				
36	Overpayment. If line 33 is larger than the total of lines 31, 32, and 34, enter amount overpaid	36	3,903,645.			
37	Enter amount from line 36 you want: Credited to 2019 estimated tax <input checked="" type="checkbox"/> 3,903,645. Refunded <input type="checkbox"/>	37				

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

Sign Here	Signature of officer	<u>MICHAEL R PEARSON</u>	Date	<u>07/15/2020</u>	Title	<u>ASSISTANT TREASURER</u>	May the IRS discuss this return with the preparer shown below? See instructions. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Print/Type preparer's name	Preparer's signature		Date	Check <input type="checkbox"/> if self-employed	PTIN	
Paid Preparer Use Only	Firm's name	Firm's EIN		Phone no.			

For Paperwork Reduction Act Notice, see separate instructions. Form **1120** (2018)

UGI Corporation & Subsidiaries
 Form 1120 (2018)

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 Page 2

Schedule C Dividends, Inclusions, and Special Deductions (see instructions)		(a) Dividends and inclusions	(b) %	(c) Special deductions (a) x (b)
1	Dividends from less-than-20%-owned domestic corporations (other than debt-financed stock)	NONE	50	NONE
2	Dividends from 20%-or-more-owned domestic corporations (other than debt-financed stock)		65	
3	Dividends on certain debt-financed stock of domestic and foreign corporations		see instructions	
4	Dividends on certain preferred stock of less-than-20%-owned public utilities		23.3	
5	Dividends on certain preferred stock of 20%-or-more-owned public utilities		26.7	
6	Dividends from less-than-20%-owned foreign corporations and certain FSCs		50	
7	Dividends from 20%-or-more-owned foreign corporations and certain FSCs		65	
8	Dividends from wholly owned foreign subsidiaries		100	
9	Subtotal. Add lines 1 through 8. See instructions for limitations	NONE	see instructions	NONE
10	Dividends from domestic corporations received by a small business investment company operating under the Small Business Investment Act of 1958		100	
11	Dividends from affiliated group members		100	
12	Dividends from certain FSCs		100	
13	Foreign-source portion of dividends received from a specified 10%-owned foreign corporation (excluding hybrid dividends) (see instructions)		100	
14	Dividends from foreign corporations not included on line 3, 6, 7, 8, 11, 12, or 13 (including any hybrid dividends)			
15	Section 965(a) inclusion		see instructions	
16 a	Subpart F inclusions derived from the sale by a controlled foreign corporation (CFC) of the stock of a lower-tier foreign corporation treated as a dividend (attach Form(s) 5471) (see instructions)		100	
b	Subpart F inclusions derived from hybrid dividends of tiered corporations (attach Form(s) 5471) (see instructions)			
c	Other inclusions from CFCs under subpart F not included on line 15, 16a, 16b, or 17 (attach Form(s) 5471) (see instructions)			
17	Global Intangible Low-Taxed Income (GILTI) (attach Form(s) 5471 and Form 8992)	44,754,641.		
18	Gross-up for foreign taxes deemed paid	19,475,491.		
19	IC-DISC and former DISC dividends not included on line 1, 2, or 3			
20	Other dividends			
21	Deduction for dividends paid on certain preferred stock of public utilities			
22	Section 250 deduction (attach Form 8993)			32,115,066.
23	Total dividends and inclusions. Add lines 9 through 20. Enter here and on page 1, line 4	64,230,131.		
24	Total special deductions. Add lines 9 through 22, column (c). Enter here and on page 1, line 29b			32,115,066.

Form 1120 (2018)

Schedule J Tax Computation and Payment (see instructions)

Part I-Tax Computation

1	Check if the corporation is a member of a controlled group (attach Schedule O (Form 1120)). See instructions	<input type="checkbox"/>	
2	Income tax. See instructions		51,041,819.
3	Base erosion minimum tax (attach Form 8991)		
4	Add lines 2 and 3		51,041,819.
5a	Foreign tax credit (attach Form 1118)	5a	5,904,583.
b	Credit from Form 8834 (see instructions)	5b	
c	General business credit (attach Form 3800)	5c	157,954.
d	Credit for prior year minimum tax (attach Form 8827)	5d	
e	Bond credits from Form 8912	5e	
6	Total credits. Add lines 5a through 5e	6	6,062,537.
7	Subtract line 6 from line 4	7	44,979,282.
8	Personal holding company tax (attach Schedule PH (Form 1120))	8	
9a	Recapture of investment credit (attach Form 4255)	9a	
b	Recapture of low-income housing credit (attach Form 8611)	9b	
c	Interest due under the look-back method - completed long-term contracts (attach Form 8697)	9c	
d	Interest due under the look-back method - income forecast method (attach Form 8866)	9d	
e	Alternative tax on qualifying shipping activities (attach Form 8902)	9e	
f	Other (see instructions - attach statement)	9f	
10	Total. Add lines 9a through 9f	10	
11	Total tax. Add lines 7, 8, and 10. Enter here and on page 1, line 31	11	44,979,282.

Part II-Section 965 Payments (see instructions)

12	2018 net 965 tax liability paid from Form 965-B, Part II, column (k), line 2. Enter here and on page 1, line 32	12	
----	---	----	--

Part III-Payments, Refundable Credits, and Section 965 Net Tax Liability

13	2017 overpayment credited to 2018	13	41,374,376.
14	2018 estimated tax payments	14	7,500,000.
15	2018 refund applied for on Form 4466	15	()
16	Combine lines 13, 14, and 15	16	48,874,376.
17	Tax deposited with Form 7004	17	
18	Withholding (see instructions)	18	
19	Total payments. Add lines 16, 17, and 18	19	48,874,376.
20	Refundable credits from:		
a	Form 2439	20a	
b	Form 4136	20b	8,551.
c	Form 8827, line 8c	20c	
d	Other (attach statement - see instructions)	20d	
21	Total credits. Add lines 20a through 20d	21	8,551.
22	2018 net 965 tax liability from Form 965-B, Part I, column (d), line 2. See instructions	22	
23	Total payments, credits, and section 965 net tax liability. Add lines 19, 21, and 22. Enter here and on page 1, line 33	23	48,882,927.

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Schedule K Other Information (see instructions)

1	Check accounting method: a <input type="checkbox"/> Cash b <input checked="" type="checkbox"/> Accrual c <input type="checkbox"/> Other (specify) ▶ _____	Yes	No
2	See the instructions and enter the:		
a	Business activity code no. ▶ <u>551112</u>		
b	Business activity ▶ <u>HOLDING COMPANY</u>		
c	Product or service ▶ <u>N/A</u>		
3	Is the corporation a subsidiary in an affiliated group or a parent-subsidiary controlled group? If "Yes," enter name and EIN of the parent corporation ▶ _____		X
4	At the end of the tax year:		
a	Did any foreign or domestic corporation, partnership (including any entity treated as a partnership), trust, or tax-exempt organization own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part I of Schedule G (Form 1120) (attach Schedule G)		X
b	Did any individual or estate own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part II of Schedule G (Form 1120) (attach Schedule G),		X
5	At the end of the tax year, did the corporation:		
a	Own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of stock entitled to vote of any foreign or domestic corporation not included on Form 851, Affiliations Schedule? For rules of constructive ownership, see instructions. If "Yes," complete (i) through (iv) below.	X	

(i) Name of Corporation	(ii) Employer Identification Number (if any)	(iii) Country of Incorporation	(iv) Percentage Owned in Voting Stock
See Statement 43			

b	Own directly an interest of 20% or more, or own, directly or indirectly, an interest of 50% or more in any foreign or domestic partnership (including an entity treated as a partnership) or in the beneficial interest of a trust? For rules of constructive ownership, see instructions. If "Yes," complete (i) through (iv) below.	X	
---	---	---	--

(i) Name of Entity	(ii) Employer Identification Number (if any)	(iii) Country of Organization	(iv) Maximum Percentage Owned in Profit, Loss, or Capital
See Statement 45			

6	During this tax year, did the corporation pay dividends (other than stock dividends and distributions in exchange for stock) in excess of the corporation's current and accumulated earnings and profits? See sections 301 and 316 If "Yes," file Form 5452, Corporate Report of Nondividend Distributions. See the instructions for Form 5452. If this is a consolidated return, answer here for the parent corporation and on Form 851 for each subsidiary.		X
7	At any time during the tax year, did one foreign person own, directly or indirectly, at least 25% of the total voting power of all classes of the corporation's stock entitled to vote or at least 25% of the total value of all classes of the corporation's stock? For rules of attribution, see section 318. If "Yes," enter: (a) Percentage owned ▶ _____ and (b) Owner's country ▶ _____ (c) The corporation may have to file Form 5472, Information Return of a 25% Foreign-Owned U.S. Corporation or a Foreign Corporation Engaged in a U.S. Trade or Business. Enter the number of Forms 5472 attached ▶ _____		X
8	Check this box if the corporation issued publicly offered debt instruments with original issue discount ▶ <input type="checkbox"/> If checked, the corporation may have to file Form 8281, Information Return for Publicly Offered Original Issue Discount Instruments.		
9	Enter the amount of tax-exempt interest received or accrued during the tax year ▶ \$ _____		
10	Enter the number of shareholders at the end of the tax year (if 100 or fewer) ▶ _____		
11	If the corporation has an NOL for the tax year and is electing to forego the carryback period, check here (see instructions) . . . ▶ <input type="checkbox"/> If the corporation is filing a consolidated return, the statement required by Regulations section 1.1502-21(b)(3) must be attached or the election will not be valid.		
12	Enter the available NOL carryover from prior tax years (do not reduce it by any deduction reported on page 1, line 29a.) ▶ \$ _____		

Form 1120 (2018)

UGI Corporation & Subsidiaries

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Form 1120 (2018)

Page 5

Schedule K Other Information (continued from page 4)

	Yes	No
13 Are the corporation's total receipts (page 1, line 1a, plus lines 4 through 10) for the tax year and its total assets at the end of the tax year less than \$250,000?		X
If "Yes," the corporation is not required to complete Schedules L, M-1, and M-2. Instead, enter the total amount of cash distributions and the book value of property distributions (other than cash) made during the tax year ► \$ _____		
14 Is the corporation required to file Schedule UTP (Form 1120), Uncertain Tax Position Statement? See instructions	X	
If "Yes," complete and attach Schedule UTP.		
15 a Did the corporation make any payments in 2018 that would require it to file Form(s) 1099?		X
b If "Yes," did or will the corporation file required Forms 1099?		
16 During this tax year, did the corporation have an 80% or more change in ownership, including a change due to redemption of its own stock?		X
17 During or subsequent to this tax year, but before the filing of this return, did the corporation dispose of more than 65% (by value) of its assets in a taxable, non-taxable, or tax deferred transaction?		X
18 Did the corporation receive assets in a section 351 transfer in which any of the transferred assets had a fair market basis or fair market value of more than \$1 million?		X
19 During the corporation's tax year, did the corporation make any payments that would require it to file Forms 1042 and 1042-S under chapter 3 (sections 1441 through 1464) or chapter 4 (sections 1471 through 1474) of the Code?		X
20 Is the corporation operating on a cooperative basis?		X
21 During the tax year, did the corporation pay or accrue any interest or royalty for which the deduction is not allowed under section 267A? See instructions		X
If "Yes," enter the total amount of the disallowed deductions ► \$ _____		
22 Does the corporation have gross receipts of at least \$500 million in any of the 3 preceding tax years? (See sections 59A(e)(2) and (3))		X
If "Yes," complete and attach Form 8991.		
23 Did the corporation have an election under section 163(j) for any real property trade or business or any farming business in effect during the tax year? See instructions		X
24 Does the corporation satisfy one of the following conditions and the corporation does not own a pass-through entity with current year, or prior year carryover, excess business interest expense? See instructions		X
a The corporation's aggregate average annual gross receipts (determined under section 448(c)) for the 3 tax years preceding the current tax year do not exceed \$25 million, and the corporation is not a tax shelter, or		
b The corporation only has business interest expense from (1) an electing real property trade or business, (2) an electing farming business, or (3) certain utility businesses under section 163(j)(7).		
If "No," complete and attach Form 8990.		
25 Is the corporation attaching Form 8996 to certify as a Qualified Opportunity Fund?		X
If "Yes," enter amount from Form 8996, line 13 ► \$ _____		

Form 1120 (2018)

UGI Corporation & Subsidiaries

23-2668356

Form 1120 (2018)

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Schedule L Balance Sheets per Books	Beginning of tax year		End of tax year	
	(a)	(b)	(c)	(d)
Assets				
1 Cash		258,428,383.		305,774,908.
2a Trade notes and accounts receivable	177,965,878.		210,738,611.	
b Less allowance for bad debts	(11,082,325.)	166,883,553.	(9,470,663.)	201,267,948.
3 Inventories		98,639,879.		79,648,166.
4 U.S. government obligations				
5 Tax-exempt securities (see instructions)				
6 Other current assets (attach statement)	Stmt 52	117,569,594.		675,156,924.
7 Loans to shareholders				
8 Mortgage and real estate loans				
9 Other investments (attach statement)	Stmt 60	2,139,770,478.		7,795,717,410.
10a Buildings and other depreciable assets	4,813,984,988.		5,900,064,945.	
b Less accumulated depreciation	(1,299,453,283.)	3,514,531,705.	(1,403,980,859.)	4,496,084,086.
11a Depletable assets				
b Less accumulated depletion	()		()	
12 Land (net of any amortization)		24,935,559.		18,851,956.
13a Intangible assets (amortizable only)	223,200,277.		815,812,704.	
b Less accumulated amortization	(17,260,508.)	205,939,769.	(20,130,109.)	795,682,595.
14 Other assets (attach statement)	Stmt 64	455,131,456.		694,083,898.
15 Total assets		6,981,830,376.		15,062,267,891.
Liabilities and Shareholders' Equity				
16 Accounts payable		215,501,970.		178,898,840.
17 Mortgages, notes, bonds payable in less than 1 year		201,322,652.		481,378,465.
18 Other current liabilities (attach statement)	Stmt 68	150,819,259.		353,099,255.
19 Loans from shareholders				
20 Mortgages, notes, bonds payable in 1 year or more		1,436,924,917.		3,248,821,335.
21 Other liabilities (attach statement)	Stmt 78	1,345,179,912.		1,375,731,502.
22 Capital stock: a Preferred stock				
b Common stock			64,140,213.	64,140,213.
23 Additional paid-in capital		1,199,506,775.		7,593,567,477.
24 Retained earnings - Appropriated (attach statement)				2,191,068.
25 Retained earnings - Unappropriated		2,612,429,855.		2,017,154,023.
26 Adjustments to shareholders' equity (attach statement)		-159,798,285.		-236,572,304.
27 Less cost of treasury stock		(20,056,679.)		(16,141,983.)
28 Total liabilities and shareholders' equity		6,981,830,376.		15,062,267,891.

Schedule M-1 Reconciliation of Income (Loss) per Books With Income per Return

Note: The corporation may be required to file Schedule M-3. See instructions.

1 Net income (loss) per books		7 Income recorded on books this year not included on this return (itemize): Tax-exempt interest \$ _____	
2 Federal income tax per books			
3 Excess of capital losses over capital gains			
4 Income subject to tax not recorded on books this year (itemize): _____		8 Deductions on this return not charged against book income this year (itemize): a Depreciation \$ _____ b Charitable contributions . \$ _____	
5 Expenses recorded on books this year not deducted on this return (itemize): a Depreciation \$ _____ b Charitable contributions . \$ _____ c Travel and entertainment . \$ _____			
6 Add lines 1 through 5		9 Add lines 7 and 8	
		10 Income (page 1, line 28) - line 6 less line 9	

Schedule M-2 Analysis of Unappropriated Retained Earnings per Books (Line 25, Schedule L)

1 Balance at beginning of year	2,612,429,855.	5 Distributions: a Cash	579,446,847.
2 Net income (loss) per books	299,004,527.	b Stock	
3 Other increases (itemize): _____		c Property	
See Statement 84	264,759,103.	6 Other decreases (itemize) Stmt 88	20,197,008.
4 Add lines 1, 2, and 3	3,176,193,485.	7 Add lines 5 and 6	599,643,855.
		8 Balance at end of year (line 4 less line 7)	2,576,549,630.

Form 1120 (2018)

SCHEDULE M-3
 (Form 1120)
 Department of the Treasury
 Internal Revenue Service

**Net Income (Loss) Reconciliation for Corporations
 With Total Assets of \$10 Million or More**

OMB No. 1545-0123

2018

▶ Attach to Form 1120 or 1120-C.
 ▶ Go to www.irs.gov/Form1120 for instructions and the latest information.

Name of corporation (common parent, if consolidated return) UGI Corporation		Employer identification number 23-2668356
Check applicable box(es):	(1) <input type="checkbox"/> Non-consolidated return	(2) <input type="checkbox"/> Consolidated return (Form 1120 only)
	(3) <input checked="" type="checkbox"/> Mixed 1120/L/PC group	(4) <input type="checkbox"/> Dormant subsidiaries schedule attached

Part I Financial Information and Net Income (Loss) Reconciliation (see instructions)

1 a Did the corporation file SEC Form 10-K for its income statement period ending with or within this tax year?
 Yes. Skip lines 1b and 1c and complete lines 2a through 11 with respect to that SEC Form 10-K.
 No. Go to line 1b. See instructions if multiple non-tax-basis income statements are prepared.

b Did the corporation prepare a certified audited non-tax-basis income statement for that period?
 Yes. Skip line 1c and complete lines 2a through 11 with respect to that income statement.
 No. Go to line 1c.

c Did the corporation prepare a non-tax-basis income statement for that period?
 Yes. Complete lines 2a through 11 with respect to that income statement.
 No. Skip lines 2a through 3c and enter the corporation's net income (loss) per its books and records on line 4a.

2 a Enter the income statement period: Beginning 10/01/2018 Ending 09/30/2019

b Has the corporation's income statement been restated for the income statement period on line 2a?
 Yes. (If "Yes," attach an explanation and the amount of each item restated.)
 No.

c Has the corporation's income statement been restated for any of the five income statement periods immediately preceding the period on line 2a?
 Yes. (If "Yes," attach an explanation and the amount of each item restated.)
 No.

3 a Is any of the corporation's voting common stock publicly traded?
 Yes.
 No. If "No," go to line 4a.

b Enter the symbol of the corporation's primary U.S. publicly traded voting common stock **UGI**

c Enter the nine-digit CUSIP number of the corporation's primary publicly traded voting common stock **902681105**

4 a Worldwide consolidated net income (loss) from income statement source identified in Part I, line 1	4a	256,201,950.
b Indicate accounting standard used for line 4a (see instructions): (1) <input checked="" type="checkbox"/> GAAP (2) <input type="checkbox"/> IFRS (3) <input type="checkbox"/> Statutory (4) <input type="checkbox"/> Tax-basis (5) <input type="checkbox"/> Other (specify) _____		
5 a Net income from nonincludible foreign entities (attach statement) Stmt. 91.	5a	(25,674,929.
b Net loss from nonincludible foreign entities (attach statement and enter as a positive amount) Stmt. 91.	5b	68,649,330.
6 a Net income from nonincludible U.S. entities (attach statement)	6a	()
b Net loss from nonincludible U.S. entities (attach statement and enter as a positive amount)	6b	
7 a Net income (loss) of other includible foreign disregarded entities (attach statement)	7a	
b Net income (loss) of other includible U.S. disregarded entities (attach statement)	7b	
c Net income (loss) of other includible entities (attach statement).	7c	
8 Adjustment to eliminations of transactions between includible entities and nonincludible entities (attach statement)	8	
9 Adjustment to reconcile income statement period to tax year (attach statement)	9	
10 a Intercompany dividend adjustments to reconcile to line 11 (attach statement).	10a	
b Other statutory accounting adjustments to reconcile to line 11 (attach statement).	10b	
c Other adjustments to reconcile to amount on line 11 (attach statement) Stmt. 92.	10c	-171,824.
11 Net income (loss) per income statement of includible corporations. Combine lines 4 through 10.	11	299,004,527.

Note: Part I, line 11, must equal Part II, line 30, column (a), or Schedule M-1, line 1 (see instructions).

12 Enter the total amount (not just the corporation's share) of the assets and liabilities of all entities included or removed on the following lines.

	Total Assets	Total Liabilities
a Included on Part I, line 4 ▶		
b Removed on Part I, line 5 ▶		
c Removed on Part I, line 6 ▶		
d Included on Part I, line 7 ▶		

Schedule M-3 (Form 1120) 2018

Page 2

Name of corporation (common parent, if consolidated return) **UGI Corporation** Employer identification number **23-2668356**

Check applicable box(es): (1) Consolidated group (2) Parent corp (3) Consolidated eliminations (4) Subsidiary corp (5) Mixed 1120/L/PC group
 Check if a sub-consolidated: (6) 1120 group (7) 1120 eliminations

Name of subsidiary (if consolidated return) **Nonlife Consolidation** Employer identification number

Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)

Income (Loss) Items (Attach statements for lines 1 through 12)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations				
2 Gross foreign dividends not previously taxed				
3 Subpart F, QEF, and similar income inclusions				
4 Gross-up for foreign taxes deemed paid . . .				
5 Gross foreign distributions previously taxed .				
6 Income (loss) from equity method U.S. corporations				
7 U.S. dividends not eliminated in tax consolidation				
8 Minority interest for includible corporations .				
9 Income (loss) from U.S. partnerships				
10 Income (loss) from foreign partnerships . . .				
11 Income (loss) from other pass-through entities				
12 Items relating to reportable transactions . . .				
13 Interest income (see instructions).				
14 Total accrual to cash adjustment				
15 Hedging transactions				
16 Mark-to-market income (loss)				
17 Cost of goods sold (see instructions)	()			()
18 Sale versus lease (for sellers and/or lessors)				
19 Section 481(a) adjustments				
20 Unearned/deferred revenue				
21 Income recognition from long-term contracts				
22 Original issue discount and other imputed interest .				
23a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than inventory and pass-through entities				
b Gross capital gains from Schedule D, excluding amounts from pass-through entities				
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
e Abandonment losses				
f Worthless stock losses (attach statement). . .				
g Other gain/loss on disposition of assets other than inventory				
24 Capital loss limitation and carryforward used				
25 Other income (loss) items with differences (attach statement)				
26 Total income (loss) items. Combine lines 1 through 25				
27 Total expense/deduction items (from Part III, line 39)				
28 Other items with no differences				
29a Mixed groups, see instructions. All others, combine lines 26 through 28	299,501,757.	25,416,023.	-55,505,710.	269,412,070.
b PC insurance subgroup reconciliation totals	-497,230.	-125,858.	-127,596.	-750,684.
c Life insurance subgroup reconciliation totals				
30 Reconciliation totals. Combine lines 29a through 29c	299,004,527.	25,290,165.	-55,633,306.	268,661,386.

Note: Line 30, column (a), must equal Part I, line 11, and column (d) must equal Form 1120, page 1, line 28.

Schedule M-3 (Form 1120) 2018

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Schedule M-3 (Form 1120) 2018

Page 2

Name of corporation (common parent, if consolidated return) **UGI Corporation** Employer identification number **23-2668356**

Check applicable box(es): (1) Consolidated group (2) Parent corp (3) Consolidated eliminations (4) Subsidiary corp (5) Mixed 1120/L/PC group

Check if a sub-consolidated: (6) 1120 group (7) 1120 eliminations

Name of subsidiary (if consolidated return) **1120 Subgroup** Employer identification number

Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)

Income (Loss) Items (Attach statements for lines 1 through 12)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations				
2 Gross foreign dividends not previously taxed				
3 Subpart F, QEF, and similar income inclusions			44,754,641.	44,754,641.
4 Gross-up for foreign taxes deemed paid . . .		19,475,491.		19,475,491.
5 Gross foreign distributions previously taxed .				
6 Income (loss) from equity method U.S. corporations				
7 U.S. dividends not eliminated in tax consolidation	118,129,976.		-118,129,976.	
8 Minority interest for includible corporations .				
9 Income (loss) from U.S. partnerships	48,211,641.	46,285,363.		94,497,004.
10 Income (loss) from foreign partnerships . . .				
11 Income (loss) from other pass-through entities				
12 Items relating to reportable transactions . .				
13 Interest income (see instructions)	13,584,507.	-1,691,682.	26,150.	11,918,975.
14 Total accrual to cash adjustment				
15 Hedging transactions	11,303,457.	112,011,876.		123,315,333.
16 Mark-to-market income (loss)				
17 Cost of goods sold (see instructions)	(1,915,447,223.)	-43,041,908.		(1,958,489,131.)
18 Sale versus lease (for sellers and/or lessors)				
19 Section 481(a) adjustments				
20 Unearned/deferred revenue	-956,883.	753,778.		-203,105.
21 Income recognition from long-term contracts				
22 Original issue discount and other imputed interest .				
23a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than inventory and pass-through entities	-657,020.	809,155.	-13,997.	
b Gross capital gains from Schedule D, excluding amounts from pass-through entities				
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses		18,310.		18,310.
e Abandonment losses				
f Worthless stock losses (attach statement) . .				
g Other gain/loss on disposition of assets other than inventory			608,356.	608,356.
24 Capital loss limitation and carryforward used				
25 Other income (loss) items with differences (attach statement)	3,442,601.	6,745,194.	-4,502,331.	5,685,464.
26 Total income (loss) items. Combine lines 1 through 25	-1,722,388,944.	141,365,577.	-77,257,157.	-1,658,280,524.
27 Total expense/deduction items (from Part III, line 39)	-375,190,493.	-115,949,554.	21,751,447.	-469,388,600.
28 Other items with no differences	2,397,081,194.			2,397,081,194.
29a Mixed groups, see instructions. All others, combine lines 26 through 28	299,501,757.	25,416,023.	-55,505,710.	269,412,070.
b PC insurance subgroup reconciliation totals				
c Life insurance subgroup reconciliation totals				
30 Reconciliation totals. Combine lines 29a through 29c	299,501,757.	25,416,023.	-55,505,710.	269,412,070.

Note: Line 30, column (a), must equal Part I, line 11, and column (d) must equal Form 1120, page 1, line 28.

Schedule M-3 (Form 1120) 2018

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Name of corporation (common parent, if consolidated return) UGI Corporation				Employer identification number 23-2668356
Check applicable box(es): (1) <input type="checkbox"/> Consolidated group	(2) <input type="checkbox"/> Parent corp	(3) <input type="checkbox"/> Consolidated eliminations	(4) <input type="checkbox"/> Subsidiary corp	(5) <input checked="" type="checkbox"/> Mixed 1120/L/PC group
Check if a sub-consolidated: (6) <input checked="" type="checkbox"/> 1120 group				(7) <input type="checkbox"/> 1120 eliminations
Name of subsidiary (if consolidated return) 1120 Subgroup				Employer identification number

Part III Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return - Expense/Deduction Items (see instructions)

Expense/Deduction Items	(a) Expense per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Deduction per Tax Return
1 U.S. current income tax expense	52,848,854.		-52,848,863.	
2 U.S. deferred income tax expense	1,712,042.		-1,712,033.	
3 State and local current income tax expense	12,490,459.	-210,067.		12,280,392.
4 State and local deferred income tax expense	2,802,740.	-2,802,740.		
5 Foreign current income tax expense (other than foreign withholding taxes)	-12,082,950.	12,082,888.		-62.
6 Foreign deferred income tax expense	-18,366,375.		18,366,375.	
7 Foreign withholding taxes				
8 Interest expense (see instructions)	74,735,365.	99,020.		74,834,385.
9 Stock option expense	6,214,221.	-5,620,605.	14,291,165.	14,884,781.
10 Other equity-based compensation	3,200,064.	7,429,253.	4,917,583.	15,546,900.
11 Meals and entertainment	1,966,259.		-886,534.	1,079,725.
12 Fines and penalties	10,685.		-5,083.	5,602.
13 Judgments, damages, awards, and similar costs				
14 Parachute payments				
15 Compensation with section 162(m) limitation	4,599,963.		-2,000,739.	2,599,224.
16 Pension and profit-sharing	14,380,505.	-117,200,504.	-365,012.	-103,185,011.
17 Other post-retirement benefits	-2,015,643.	-371,560.		-2,387,203.
18 Deferred compensation				
19 Charitable contribution of cash and tangible property	780,219.	44,281.	-10,800.	813,700.
20 Charitable contribution of intangible property				
21 Charitable contribution limitation/carryforward				
22 Domestic production activities deduction (see instructions)				
23 Current year acquisition or reorganization investment banking fees				
24 Current year acquisition or reorganization legal and accounting fees				
25 Current year acquisition/reorganization other costs	15,542,434.	520,880.		16,063,314.
26 Amortization/impairment of goodwill		13,821,831.		13,821,831.
27 Amortization of acquisition, reorganization, and start-up costs		97,389.		97,389.
28 Other amortization or impairment write-offs	16,364,235.	3,018,887.		19,383,122.
29 Reserved				
30 Depletion		343,824.		343,824.
31 Depreciation	134,608,323.	27,377,557.		161,985,880.
32 Bad debt expense	14,636,234.	1,461,449.		16,097,683.
33 Corporate owned life insurance premiums				
34 Purchase versus lease (for purchasers and/or lessees)	17,783.	372,678.		390,461.
35 Research and development costs				
36 Section 118 exclusion (attach statement)				
37 Section 162(r) - FDIC premiums paid by certain large financial institutions (see instructions)				
38 Other expense/deduction items with differences (attach statement)	50,745,076.	175,485,093.	-1,497,506.	224,732,663.
39 Total expense/deduction items. Combine lines 1 through 38. Enter here and on Part II, line 27, reporting positive amounts as negative and negative amounts as positive	375,190,493.	115,949,554.	-21,751,447.	469,388,600.

Name of corporation (common parent, if consolidated return) UGI Corporation		Employer identification number 23-2668356
Check applicable box(es): (1) <input type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp. (3) <input type="checkbox"/> Consolidated eliminations (4) <input type="checkbox"/> Subsidiary corp. (5) <input checked="" type="checkbox"/> Mixed 1120/L/PC group		
Check if a sub-consolidated: (6) <input checked="" type="checkbox"/> 1120-PC group (7) <input type="checkbox"/> 1120-PC eliminations		
Name of subsidiary (if consolidated return) 1120-PC Subgroup	Employer identification number	

Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)

Income (Loss) Items (Attach statements for lines 1 through 11)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations				
2 Gross foreign dividends not previously taxed				
3 Subpart F, QEF, and similar income inclusions				
4 Gross-up for foreign taxes deemed paid				
5 Gross foreign distributions previously taxed				
6 Income (loss) from equity method U.S. corporations				
7 U.S. dividends not eliminated in tax consolidation				
8 Minority interest for includible corporations				
9 Income (loss) from U.S. partnerships				
10 Income (loss) from foreign partnerships				
11 Income (loss) from other pass-through entities				
12 Items relating to reportable transactions (attach statement)				
13 Interest income (attach Form 8916-A)	45,706.			45,706.
14 Hedging transactions				
15 Mark-to-market income (loss)				
16 Premium income (attach statement)	596,843.	-79,124.		517,719.
17 Sale versus lease (for sellers and/or lessors)				
18 Section 481(a) adjustments				
19 Income from a special loss discount account				
20 Income recognition from long-term contracts				
21 Original issue discount and other imputed interest				
22 Reserved for future use				
23a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than pass-through entities	86,195.		-86,195.	
b Gross capital gains from Schedule D, excluding amounts from pass-through entities			92,838.	92,838.
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
e Abandonment losses				
f Worthless stock losses (attach statement)				
g Other gain/loss on disposition of assets				
24 Capital loss limitation and carryforward used				
25 Other income (loss) items with differences (attach statement)				
26 Total income (loss) items. Combine lines 1 through 25	728,744.	-79,124.	6,643.	656,263.
27 Total expense/deduction items (from Part III, line 40)	-1,180,370.	-46,734.	-134,239.	-1,361,343.
28 Other items with no differences	-45,604.			-45,604.
29a Mixed groups, see instructions. All others, combine lines 26 through 28	-497,230.	-125,858.	-127,596.	-750,684.
b 1120 subgroup reconciliation totals				
c Life insurance subgroup reconciliation totals				
30 Reconciliation totals. Combine lines 29a through 29c	-497,230.	-125,858.	-127,596.	-750,684.

Note: Line 30, column (a), must equal the amount on Part I, line 11, and column (d) must equal Form 1120-PC, Schedule A, line 35.

Schedule M-3 (Form 1120-PC) 2018

Page 3

Name of corporation (common parent, if consolidated return) UGI Corporation Employer identification number 23-2668356

Check applicable box(es). (1) Consolidated group (2) Parent corp. (3) Consolidated eliminations (4) Subsidiary corp. (5) Mixed 1120/L/PC group

Check if a sub-consolidated: (6) 1120-PC group (7) 1120-PC eliminations

Name of subsidiary (if consolidated return) 1120-PC Subgroup Employer identification number

Part III Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return - Expense/Deduction Items (see instructions)

Expense/Deduction Items	(a) Expense per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Deduction per Tax Return
1 U.S. current income tax expense	-141,367.		141,367.	
2 U.S. deferred income tax expense	7,128.		-7,128.	
3 State and local current income tax expense				
4 State and local deferred income tax expense				
5 Foreign current income tax expense (other than foreign withholding taxes).				
6 Foreign deferred income tax expense				
7 Foreign withholding taxes.				
8 Stock option expense				
9 Other equity-based compensation				
10 Meals and entertainment				
11 Fines and penalties				
12 Judgments, damages, awards, and similar costs				
13 Parachute payments				
14 Compensation with section 162(m) limitation				
15 Pension and profit-sharing.				
16 Other post-retirement benefits				
17 Deferred compensation				
18 Charitable contribution of cash and tangible property				
19 Charitable contribution of intangible property				
20 Charitable contribution limitation/carryforward				
21 Write-off of premium receivables				
22 Guarantee fund assessments				
23 Current year acquisition or reorganization investment banking fees				
24 Current year acquisition or reorganization legal and accounting fees				
25 Current year acquisition/reorganization other costs				
26 Amortization of acquisition, reorganization, and start-up costs				
27 Amortization/impairment of goodwill, insurance in force, and ceding commissions	18,368.	-18,368.		
28 Other amortization or impairment write-offs		25,622.		25,622.
29 Discounting of unpaid losses (section 848) (attach statement)	1,297,483.	37,102.		1,334,585.
30 Reduction of loss deduction (section 832(b)(5)(B))				
31 Depreciation				
32 Bad debt expense and/or agency balances written off				
33 Reserved for future use				
34 Corporate-owned life insurance premiums				
35 Purchase versus lease (for purchasers and/or lessees)				
36 Interest expense (attach Form 8916-A)				
37 Research and development costs				
38 Section 118 exclusion (attach statement)				
39 Other expense/deduction items with differences (attach statement)	-1,242.	2,378.		1,136.
40 Total expense/deduction items. Combine lines 1 through 39. Enter here and on Part II, line 27, reporting positive amounts as negative and negative amounts as positive	1,180,370.	46,734.	134,239.	1,361,343.

UGI Corporation & Subsidiaries

23-2668356

	Combined	UGI Eliminations Top Consolidation	Adjustments	UGI Corporation & Subsidiaries
Consolidated Schedules				
1120 Page 1				
1a	Gross receipts or sales	2,839,287,655.		2,839,287,655.
1b	Returns and allowances			
1c	Balance	2,839,287,655.		2,839,287,655.
2	Cost of goods sold	1,991,901,876.		1,991,901,876.
3	Gross profit	847,385,779.		847,385,779.
4	Dividends	64,230,131.		64,230,131.
5	Interest	11,880,967.		11,880,967.
6	Gross rents	243.		243.
7	Gross royalties			
8	Capital gain net income	-5,861,948.	5,861,948.	NONE
9	Net gain or (loss) from Form 4797	18,602.	647,589.	666,191.
10	Other income	155,282,009.		155,282,009.
11	Total income	1,072,935,783.	6,509,537.	1,079,445,320.
12	Compensation of officers	32,630,512.		32,630,512.
13	Salaries and wages	142,535,634.		142,535,634.
14	Repairs and maintenance	139,040,169.		139,040,169.
15	Bad debts	16,097,683.		16,097,683.
16	Rents	4,254,660.		4,254,660.
17	Taxes and licenses	39,296,066.		39,296,066.
18	Interest	80,469,846.		80,469,846.
19	Charitable contributions	813,748.		813,748.
20	Depreciation	161,990,053.		161,990,053.
21	Depletion	343,819.	5.	343,824.
22	Advertising	5,660,642.		5,660,642.
23	Pension, profit-sharing etc., plans	-105,570,501.		-105,570,501.
24	Employee benefit programs	16,170,680.		16,170,680.
25	Reserved for future use			
26	Other deductions	270,540,959.		270,540,959.
27	Total deductions	804,273,970.	5.	804,273,975.
28	Taxable income before NOL & Spec. Deductions	268,661,813.	NONE	275,171,345.
29	NOL, Spec. deductions	32,115,066.		32,115,066.
30	Taxable income	236,546,747.	NONE	243,056,279.
JSA				

UGI Corporation & Subsidiaries

23-2668356

	1120C Subgroup	1120 PC Subgroup	
Consolidated Schedules			
1120 Page 1			
	23-2668356	03-0338831	
	-----	-----	
1a	Gross receipts or sales	2,838,769,936.	517,719.
1b	Returns and allowances		
1c	Balance	2,838,769,936.	517,719.
2	Cost of goods sold	1,991,901,876.	
3	Gross profit	846,868,060.	517,719.
4	Dividends	64,230,131.	NONE
5	Interest	11,835,261.	45,706.
6	Gross rents	243.	
7	Gross royalties		
8	Capital gain net income	-5,954,786.	92,838.
9	Net gain or (loss) from Form 4797	18,602.	
10	Other income	155,282,009.	
	-----	-----	
11	Total income	1,072,279,520.	656,263.
	-----	-----	
12	Compensation of officers	32,630,512.	
13	Salaries and wages	142,535,634.	
14	Repairs and maintenance	139,040,169.	
15	Bad debts	16,097,683.	
16	Rents	4,254,660.	
17	Taxes and licenses	39,335,704.	-39,638.
18	Interest	80,469,846.	
19	Charitable contributions	813,748.	
20	Depreciation	161,990,053.	
21	Depletion	343,819.	
22	Advertising	5,660,642.	
23	Pension, profit-sharing etc., plans	-105,570,501.	
24	Employee benefit programs	16,170,680.	
25	Reserved for future use		
26	Other deductions	269,094,374.	1,446,585.
	-----	-----	
27	Total deductions	802,867,023.	1,406,947.
	-----	-----	
28	Taxable income before NOL & Spec. Deductions	269,412,497.	-750,684.
	=====	=====	
29	NOL, Spec. deductions	32,115,066.	NONE
	-----	-----	
30	Taxable income	237,297,431.	-750,684.
	=====	=====	
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1120C Subgroup

23-2668356

	Combined	UGI Eliminations	Adjustments	1120C Subgroup
Consolidated Schedules				
1120 Page 1				
1a	Gross receipts or sales	3,165,142,603.	-326,372,667.	2,838,769,936.
1b	Returns and allowances			
1c	Balance	3,165,142,603.	-326,372,667.	2,838,769,936.
2	Cost of goods sold	2,301,380,372.	-309,478,496.	1,991,901,876.
3	Gross profit	863,762,231.	-16,894,171.	846,868,060.
4	Dividends	353,124,504.	-288,894,373.	64,230,131.
5	Interest	14,118,570.	-2,283,309.	11,835,261.
6	Gross rents	243.		243.
7	Gross royalties			
8	Capital gain net income	-5,954,786.		-5,954,786.
9	Net gain or (loss) from Form 4797	18,602.		18,602.
10	Other income	155,282,009.		155,282,009.
11	Total income	1,380,351,373.	-308,071,853.	1,072,279,520.
12	Compensation of officers	32,630,512.		32,630,512.
13	Salaries and wages	142,535,634.		142,535,634.
14	Repairs and maintenance	139,040,169.		139,040,169.
15	Bad debts	16,097,683.		16,097,683.
16	Rents	4,254,660.		4,254,660.
17	Taxes and licenses	39,335,704.		39,335,704.
18	Interest	94,560,996.	-14,091,150.	80,469,846.
19	Charitable contributions	813,748.		813,748.
20	Depreciation	161,990,476.	-423.	161,990,053.
21	Depletion	343,819.		343,819.
22	Advertising	5,660,642.		5,660,642.
23	Pension, profit-sharing etc., plans	-106,484,504.	914,003.	-105,570,501.
24	Employee benefit programs	16,170,680.		16,170,680.
25	Reserved for future use			
26	Other deductions	275,094,707.	-6,000,333.	269,094,374.
27	Total deductions	822,044,926.	-19,177,480.	802,867,023.
28	Taxable income before NOL & Spec. Deductions	558,306,447.	-288,894,373.	269,412,497.
29	NOL, Spec. deductions	321,009,439.	-288,894,373.	32,115,066.
30	Taxable income	237,297,008.	423.	237,297,431.
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1120C Subgroup

23-2668356

Consolidated Schedules
1120 Page 1

	UGI Corporation	AmeriGas Propane, Inc.	AmeriGas Technology Group, Inc.	AmeriGas, Inc.	Ashtola Production Company	Eastfield International Holdings, Inc.	Energy Services Funding Corporation	EuroGas Holdings, Inc.
	23-2668356	23-2786294	23-2861011	23-2716858	23-2101362	51-0385770	23-3099149	51-0392140
1a	Gross receipts or sales	1,477,045,886.						
1b	Returns and allowances							
1c	Balance	1,477,045,886.						
2	Cost of goods sold	1,240,163,699.						
3	Gross profit	236,882,187.						
4	Dividends	176,137,931.		112,756,442.				
5	Interest	2,260,440.					264,383.	
6	Gross rents	243.						
7	Gross royalties							
8	Capital gain net income	-6,605,189.	650,403.					
9	Net gain or (loss) from Form 4797	4,500.						
10	Other income	32,512,368.	100,620,571.		17.		6,929,400.	
11	Total income	441,192,480.	101,270,974.		112,756,442.	17.	7,193,783.	
12	Compensation of officers	24,018,155.	599,224.					
13	Salaries and wages	53,002,525.	1,221,421.					
14	Repairs and maintenance	21,284,458.						
15	Bad debts						228,785.	
16	Rents	1,593,944.						
17	Taxes and licenses	8,774,131.	5,494,143.		18,662.		573,182.	
18	Interest	37,858,636.					1,045,479.	
19	Charitable contributions	563,180.	44,281.					
20	Depreciation	45,874,235.	5,447.		4,038.			
21	Depletion	343,819.						
22	Advertising	824,415.						
23	Pension, profit-sharing etc., plans	1,030,128.						
24	Employee benefit programs	3,835,494.						
25	Reserved for future use							
26	Other deductions	28,441,505.	26,794.		2,858.	1,115.	284,807.	
27	Total deductions	227,444,625.	7,391,310.		25,558.	1,115.	2,132,253.	
28	Taxable income before NOL & Spec. Deductions	213,747,855.	93,879,664.	NONE	112,730,884.	-1,098.	5,061,530.	NONE
29	NOL, Spec. deductions	176,137,931.			112,756,442.			
30	Taxable income	37,609,924.	93,879,664.	NONE	-25,558.	-1,098.	5,061,530.	NONE

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Statement

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1120C Subgroup

23-2668356

Consolidated Schedules
1120 Page 1

	Four Flags Drilling Company	Hellertown Pipeline Company	Homestead Holding Company	Newbury Holding Company	UGI Asset Management, Inc.	UGI Black Sea Enterprises, Inc.	UGI China, Inc.	UGI Development Company
	23-2178262	46-0490470	51-0467618	30-0170818	51-0380873	23-2800542	52-2095053	23-1650159
1a								45,188,087.
1b								
1c								45,188,087.
2								19,979,201.
3								25,208,886.
4								
5				3,260,509.				80,453.
6								
7								
8								
9								
10					4.			-17,989.
11				3,260,509.	4.			25,271,350.
12								
13								2,128,815.
14								5,948,430.
15								
16			2,252.	2,252.				477,283.
17	45.			310.				188,151.
18			264,383.					
19								
20								16,045,554.
21								
22								
23								88,642.
24								421,787.
25								
26			6,421.	4,902.	453.			5,896,240.
27	45.		273,056.	7,464.	453.			31,194,902.
28	-45.	NONE	-273,056.	3,253,045.	-449.	NONE	NONE	-5,923,552.
29								
30	-45.	NONE	-273,056.	3,253,045.	-449.	NONE	NONE	-5,923,552.

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1120C Subgroup

23-2668356

	UGI Energy Ventures, Inc	UGI Ethanol Development Company	UGI Europe, Inc.	UGI Hunlock Development Company	UGI HVAC Enterprises, Inc.	UGI International (China), Inc.	UGI International (Romania), Inc.	UGI LNG, Inc
	71-0992456	23-2179048	23-3070112	23-3051491	51-0375688	23-2867252	23-2837401	51-0590685
1a			509,962,387.		53,843,013.			13,269,093.
1b								
1c			509,962,387.		53,843,013.			13,269,093.
2			494,317,028.		30,676,490.			
3			15,645,359.		23,166,523.			13,269,093.
4			64,230,131.					
5			6,506,750.		15,437.			60,392.
6								
7								
8								
9					13,810.			
10			5,251,834.					
11			91,634,074.		23,195,770.			13,329,485.
12					505,917.			
13					9,188,271.			
14								865,565.
15					35,936.			
16					595,861.			
17			1,150,291.		1,548,969.			235,830.
18			5,293,218.		189,433.			
19					4,288.			
20					1,323,355.			4,588,740.
21								
22					1,942,873.			
23					721,868.			
24					2,725,627.			
25								
26			17,308,534.		4,718,092.			2,108,900.
27			23,752,466.		23,500,490.			7,799,035.
28	NONE	NONE	67,881,608.	NONE	-304,720.	NONE	NONE	5,530,450.
29			32,115,066.					
30	NONE	NONE	35,766,542.	NONE	-304,720.	NONE	NONE	5,530,450.

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1120C Subgroup

23-2668356

Consolidated Schedules
1120 Page 1

	UGI Penn HVAC Services, Inc	UGI Petroleum Products of Delaware, Inc	UGI Properties, Inc.	UGI Romania, Inc.	UGI Storage Company	UGID Holding Company	UGI Utilities, Inc	AmeriGas Propane Holdings, Inc
	23-1946160	51-0056772	23-2710207	23-2925615	32-0309503	51-0389590	23-1174060	83-4160550
1a			2,322,939.		8,938,438.		1,054,572,760.	
1b								
1c			2,322,939.		8,938,438.		1,054,572,760.	
2					-29,687.		516,273,641.	
3			2,322,939.		8,968,125.		538,299,119.	
4								
5					51,518.		1,618,688.	
6								
7								
8								
9							292.	
10			18,565.		6,907.		9,960,332.	
11			2,341,504.		9,026,550.		549,878,431.	
12							7,507,216.	
13							76,994,602.	
14			341,644.		296,578.		110,303,494.	
15							15,832,962.	
16						2,252.	1,580,816.	
17	-3,210.	3.	118,328.		86,840.		21,240,127.	-90,098.
18			757,703.				49,152,144.	
19			2,000.		200,000.		-1.	
20			478,018.		1,752,147.		91,918,519.	
21								
22							2,893,354.	
23							-108,325,142.	
24							9,187,772.	
25								
26			398,575.		2,226,399.	5,437.	213,663,675.	
27	-3,210.	3.	2,096,268.		4,561,964.	7,689.	491,949,538.	-90,098.
28	3,210.	-3.	245,236.	NONE	4,464,586.	-7,689.	57,928,893.	90,098.
29								
30	3,210.	-3.	245,236.	NONE	4,464,586.	-7,689.	57,928,893.	90,098.

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Statement

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Form **1120**
 Department of the Treasury
 Internal Revenue Service

U.S. Corporation Income Tax Return
 For calendar year 2019 or tax year beginning 10/01/2019, ending 09/30/2020
 Go to www.irs.gov/Form1120 for instructions and the latest information.

2019

A Check if: 1a Consolidated return (attach Form 851) <input checked="" type="checkbox"/> b Life/nonlife consolidated return <input type="checkbox"/> 2 Personal holding co. (attach Sch. PH) <input type="checkbox"/> 3 Personal service corp. (see instructions) <input type="checkbox"/> 4 Schedule M-3 attached <input checked="" type="checkbox"/>	TYPE OR PRINT	Name <u>UGI Corporation & Subsidiaries</u> Number, street, and room or suite no. If a P.O. box, see instructions. <u>P.O. BOX 858</u> City or town, state or province, country, and ZIP or foreign postal code <u>Valley Forge, PA 19482</u>	B Employer identification number <u>23-2668356</u> C Date incorporated <u>12/01/1994</u> D Total assets (see instructions) \$ <u>10,492,702,849.</u>		
E Check if:		(1) <input type="checkbox"/> Initial return	(2) <input type="checkbox"/> Final return	(3) <input type="checkbox"/> Name change	(4) <input type="checkbox"/> Address change

		1a Gross receipts or sales	1a	<u>2,377,424,003.</u>	
		b Returns and allowances	1b		
		c Balance. Subtract line 1b from line 1a	1c	<u>2,377,424,003.</u>	
Income	2	Cost of goods sold (attach Form 1125-A)	2	<u>1,387,491,763.</u>	
	3	Gross profit. Subtract line 2 from line 1c	3	<u>989,932,240.</u>	
	4	Dividends and inclusions (Schedule C, line 23)	4	<u>125,681,534.</u>	
	5	Interest	5	<u>8,898,853.</u>	
	6	Gross rents	6		
	7	Gross royalties	7		
	8	Capital gain net income (attach Schedule D (Form 1120))	8	<u>NONE</u>	
	9	Net gain or (loss) from Form 4797, Part II, line 17 (attach Form 4797)	9	<u>-8,204,736.</u>	
	10	Other income (see instructions - attach statement)	10	<u>-13,202,382.</u>	
	11	Total income. Add lines 3 through 10	11	<u>1,103,105,509.</u>	
	Deductions (See instructions for limitations on deductions.)	12	Compensation of officers (see instructions - attach Form 1125-E)	12	<u>21,596,233.</u>
13		Salaries and wages (less employment credits)	13	<u>139,968,764.</u>	
14		Repairs and maintenance	14	<u>143,196,726.</u>	
15		Bad debts	15	<u>6,785,057.</u>	
16		Rents	16	<u>4,327,566.</u>	
17		Taxes and licenses	17	<u>20,983,809.</u>	
18		Interest (see instructions)	18	<u>151,529,993.</u>	
19		Charitable contributions	19	<u>NONE</u>	
20		Depreciation from Form 4562 not claimed on Form 1125-A or elsewhere on return (attach Form 4562)	20	<u>322,224,589.</u>	
21		Depletion	21	<u>370,731.</u>	
22		Advertising	22	<u>3,070,755.</u>	
23		Pension, profit-sharing, etc., plans	23	<u>9,619,017.</u>	
24		Employee benefit programs	24	<u>20,134,697.</u>	
25		Reserved for future use	25		
26		Other deductions (attach statement)	26	<u>397,484,915.</u>	
27		Total deductions. Add lines 12 through 26	27	<u>1,241,292,852.</u>	
28		Taxable income before net operating loss deduction and special deductions. Subtract line 27 from line 11	28	<u>-138,187,343.</u>	
Tax, Refundable Credits, and Payments	29a	Net operating loss deduction (see instructions)	29a		
	b	Special deductions (Schedule C, line 24)	29b	<u>116,827,705.</u>	
	c	Add lines 29a and 29b	29c	<u>116,827,705.</u>	
	30	Taxable income. Subtract line 29c from line 28. See instructions	30	<u>-255,015,048.</u>	
31	Total tax (Schedule J, Part I, line 11)	31	<u>NONE</u>		
32	2019 net 965 tax liability paid (Schedule J, Part II, line 12)	32			
33	Total payments, credits, and section 965 net tax liability (Schedule J, Part III, line 23)	33	<u>3,910,964.</u>		
34	Estimated tax penalty. See instructions. Check if Form 2220 is attached <input type="checkbox"/>	34			
35	Amount owed. If line 33 is smaller than the total of lines 31, 32, and 34, enter amount owed	35			
36	Overpayment. If line 33 is larger than the total of lines 31, 32, and 34, enter amount overpaid	36	<u>3,910,964.</u>		
37	Enter amount from line 36 you want: Credited to 2020 estimated tax <input checked="" type="checkbox"/> <u>3,910,964.</u> Refunded <input type="checkbox"/>	37			

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

Sign Here Signature of officer MICHAEL R PEARSON Date 07/14/2021 Title VICE PRESIDENT CORP TAX ADMIN

May the IRS discuss this return with the preparer shown below?
 See instructions Yes No

Paid Preparer Use Only	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
	Firm's name			Firm's EIN	
	Firm's address			Phone no.	

For Paperwork Reduction Act Notice, see separate instructions. Form **1120** (2019)

Schedule C Dividends, Inclusions, and Special Deductions (see instructions)

	(a) Dividends and inclusions	(b) %	(c) Special deductions (a) x (b)
1 Dividends from less-than-20%-owned domestic corporations (other than debt-financed stock)		50	
2 Dividends from 20%-or-more-owned domestic corporations (other than debt-financed stock)		65	
3 Dividends on certain debt-financed stock of domestic and foreign corporations		see instructions	
4 Dividends on certain preferred stock of less-than-20%-owned public utilities		23.3	
5 Dividends on certain preferred stock of 20%-or-more-owned public utilities		26.7	
6 Dividends from less-than-20%-owned foreign corporations and certain FSCs		50	
7 Dividends from 20%-or-more-owned foreign corporations and certain FSCs		65	
8 Dividends from wholly owned foreign subsidiaries		100	
9 Subtotal. Add lines 1 through 8. See instructions for limitations		see instructions	
10 Dividends from domestic corporations received by a small business investment company operating under the Small Business Investment Act of 1958		100	
11 Dividends from affiliated group members	10,139.	100	10,139.
12 Dividends from certain FSCs		100	
13 Foreign-source portion of dividends received from a specified 10%-owned foreign corporation (excluding hybrid dividends) (see instructions)	116,817,566.	100	116,817,566.
14 Dividends from foreign corporations not included on line 3, 6, 7, 8, 11, 12, or 13 (including any hybrid dividends)			
15 Section 965(a) inclusion		see instructions	
16 a Subpart F inclusions derived from the sale by a controlled foreign corporation (CFC) of the stock of a lower-tier foreign corporation treated as a dividend (attach Form(s) 5471) (see instructions)		100	
b Subpart F inclusions derived from hybrid dividends of tiered corporations (attach Form(s) 5471) (see instructions)			
c Other inclusions from CFCs under subpart F not included on line 15, 16a, 16b, or 17 (attach Form(s) 5471) (see instructions)			
17 Global Intangible Low-Taxed Income (GILTI) (attach Form(s) 5471 and Form 8992)	7,579,096.		
18 Gross-up for foreign taxes deemed paid	1,274,733.		
19 IC-DISC and former DISC dividends not included on line 1, 2, or 3			
20 Other dividends			
21 Deduction for dividends paid on certain preferred stock of public utilities			
22 Section 250 deduction (attach Form 8993)			
23 Total dividends and inclusions. Add column (a), lines 9 through 20. Enter here and on page 1, line 4	125,681,534.		
24 Total special deductions. Add column (c), lines 9 through 22. Enter here and on page 1, line 29b			116,827,705.

Schedule J Tax Computation and Payment (see instructions)

Part I-Tax Computation

1	Check if the corporation is a member of a controlled group (attach Schedule O (Form 1120)). See instructions	<input type="checkbox"/>	
2	Income tax. See instructions		
3	Base erosion minimum tax amount (attach Form 8991).		
4	Add lines 2 and 3		
5a	Foreign tax credit (attach Form 1118)	NONE	
5b	Credit from Form 8834 (see instructions)		
5c	General business credit (attach Form 3800)		
5d	Credit for prior year minimum tax (attach Form 8827)		
5e	Bond credits from Form 8912.		
6	Total credits. Add lines 5a through 5e		NONE
7	Subtract line 6 from line 4		NONE
8	Personal holding company tax (attach Schedule PH (Form 1120))		
9a	Recapture of investment credit (attach Form 4255)		
9b	Recapture of low-income housing credit (attach Form 8611)		
9c	Interest due under the look-back method - completed long-term contracts (attach Form 8697).		
9d	Interest due under the look-back method - income forecast method (attach Form 8866)		
9e	Alternative tax on qualifying shipping activities (attach Form 8902).		
9f	Other (see instructions - attach statement).		
10	Total. Add lines 9a through 9f		
11	Total tax. Add lines 7, 8, and 10. Enter here and on page 1, line 31		NONE

Part II-Section 965 Payments (see instructions)

12	2019 net 965 tax liability paid from Form 965-B, Part II, column (k), line 3. Enter here and on page 1, line 32	
----	---	--

Part III-Payments, Refundable Credits, and Section 965 Net Tax Liability

13	2018 overpayment credited to 2019		3,903,645.
14	2019 estimated tax payments		
15	2019 refund applied for on Form 4466		()
16	Combine lines 13, 14, and 15.		3,903,645.
17	Tax deposited with Form 7004		
18	Withholding (see instructions).		
19	Total payments. Add lines 16, 17, and 18		3,903,645.
20	Refundable credits from:		
20a	Form 2439.		
20b	Form 4136.	7,319.	
20c	Form 8827, line 5c.		
20d	Other (attach statement - see instructions).		
21	Total credits. Add lines 20a through 20d.		7,319.
22	2019 net 965 tax liability from Form 965-B, Part I, column (d), line 3. See instructions.		
23	Total payments, credits, and section 965 net tax liability. Add lines 19, 21, and 22. Enter here and on page 1, line 33.		3,910,964.

Form 1120 (2019)

Schedule K Other Information (see instructions)

1 Check accounting method: a Cash b Accrual c Other (specify) ▶ _____

2 See the instructions and enter the:

a Business activity code no. ▶ 551112

b Business activity ▶ HOLDING COMPANY

c Product or service ▶ N/A

3 Is the corporation a subsidiary in an affiliated group or a parent-subsidiary controlled group? No
If "Yes," enter name and EIN of the parent corporation ▶ _____

4 At the end of the tax year:

a Did any foreign or domestic corporation, partnership (including any entity treated as a partnership), trust, or tax-exempt organization own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part I of Schedule G (Form 1120) (attach Schedule G). No

b Did any individual or estate own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part II of Schedule G (Form 1120) (attach Schedule G). No

5 At the end of the tax year, did the corporation:

a Own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of stock entitled to vote of any foreign or domestic corporation not included on **Form 851**, Affiliations Schedule? For rules of constructive ownership, see instructions. If "Yes," complete (i) through (iv) below. No

(i) Name of Corporation	(ii) Employer Identification Number (if any)	(iii) Country of Incorporation	(iv) Percentage Owned in Voting Stock
See Statement 43			

b Own directly an interest of 20% or more, or own, directly or indirectly, an interest of 50% or more in any foreign or domestic partnership (including an entity treated as a partnership) or in the beneficial interest of a trust? For rules of constructive ownership, see instructions. If "Yes," complete (i) through (iv) below. No

(i) Name of Entity	(ii) Employer Identification Number (if any)	(iii) Country of Organization	(iv) Maximum Percentage Owned in Profit, Loss, or Capital
See Statement 45			

6 During this tax year, did the corporation pay dividends (other than stock dividends and distributions in exchange for stock) in excess of the corporation's current and accumulated earnings and profits? See sections 301 and 316 No
If "Yes," file **Form 5452**, Corporate Report of Nondividend Distributions. See the instructions for Form 5452.
If this is a consolidated return, answer here for the parent corporation and on Form 851 for each subsidiary.

7 At any time during the tax year, did one foreign person own, directly or indirectly, at least 25% of the total voting power of all classes of the corporation's stock entitled to vote or at least 25% of the total value of all classes of the corporation's stock? No
For rules of attribution, see section 318. If "Yes," enter:
(a) Percentage owned ▶ _____ and (b) Owner's country ▶ _____
(c) The corporation may have to file **Form 5472**, Information Return of a 25% Foreign-Owned U.S. Corporation or a Foreign Corporation Engaged in a U.S. Trade or Business. Enter the number of Forms 5472 attached ▶ _____

8 Check this box if the corporation issued publicly offered debt instruments with original issue discount
If checked, the corporation may have to file **Form 8281**, Information Return for Publicly Offered Original Issue Discount Instruments.

9 Enter the amount of tax-exempt interest received or accrued during the tax year ▶ \$ _____

10 Enter the number of shareholders at the end of the tax year (if 100 or fewer) ▶ _____

11 If the corporation has an NOL for the tax year and is electing to forego the carryback period, check here (see instructions). . . ▶
If the corporation is filing a consolidated return, the statement required by Regulations section 1.1502-21(b)(3) must be attached or the election will not be valid.

12 Enter the available NOL carryover from prior tax years (do not reduce it by any deduction reported on page 1, line 29a.). ▶ \$ _____

Schedule K Other Information (continued from page 4)

	Yes	No
13 Are the corporation's total receipts (page 1, line 1a, plus lines 4 through 10) for the tax year and its total assets at the end of the tax year less than \$250,000? If "Yes," the corporation is not required to complete Schedules L, M-1, and M-2. Instead, enter the total amount of cash distributions and the book value of property distributions (other than cash) made during the tax year ► \$ _____		X
14 Is the corporation required to file Schedule UTP (Form 1120), Uncertain Tax Position Statement? See instructions If "Yes," complete and attach Schedule UTP.	X	
15a Did the corporation make any payments in 2019 that would require it to file Form(s) 1099?		X
b If "Yes," did or will the corporation file required Form(s) 1099?		
16 During this tax year, did the corporation have an 80%-or-more change in ownership, including a change due to redemption of its own stock?		X
17 During or subsequent to this tax year, but before the filing of this return, did the corporation dispose of more than 65% (by value) of its assets in a taxable, non-taxable, or tax deferred transaction?		X
18 Did the corporation receive assets in a section 351 transfer in which any of the transferred assets had a fair market basis or fair market value of more than \$1 million?		X
19 During the corporation's tax year, did the corporation make any payments that would require it to file Forms 1042 and 1042-S under chapter 3 (sections 1441 through 1464) or chapter 4 (sections 1471 through 1474) of the Code?		X
20 Is the corporation operating on a cooperative basis?		X
21 During the tax year, did the corporation pay or accrue any interest or royalty for which the deduction is not allowed under section 267A? See instructions If "Yes," enter the total amount of the disallowed deductions ► \$ _____		X
22 Does the corporation have gross receipts of at least \$500 million in any of the 3 preceding tax years? (See sections 59A(e)(2) and (3)) If "Yes," complete and attach Form 8991.	X	
23 Did the corporation have an election under section 163(j) for any real property trade or business or any farming business in effect during the tax year? See instructions		X
24 Does the corporation satisfy one or more of the following? See instructions	X	
a The corporation owns a pass-through entity with current, or prior year carryover, excess business interest expense.		
b The corporation's aggregate average annual gross receipts (determined under section 448(c)) for the 3 tax years preceding the current tax year are more than \$26 million and the corporation has business interest expense.		
c The corporation is a tax shelter and the corporation has business interest expense. If "Yes," to any, complete and attach Form 8990.		
25 Is the corporation attaching Form 8996 to certify as a Qualified Opportunity Fund? If "Yes," enter amount from Form 8996, line 14 ► \$ _____		X

UGI Corporation & Subsidiaries

Form 1120 (2019)

Schedule L	Balance Sheets per Books	Beginning of tax year		End of tax year	
		(a)	(b)	(c)	(d)
Assets					
1	Cash		305,774,908.		171,570,741.
2a	Trade notes and accounts receivable	210,738,611.		222,666,141.	
b	Less allowance for bad debts	(9,470,663.)	201,267,948.	(17,035,489.)	205,630,652.
3	Inventories		79,648,166.		76,059,876.
4	U.S. government obligations				
5	Tax-exempt securities (see instructions)				
6	Other current assets (attach statement)	Stmt 52	675,156,924.		-1,270,661.
7	Loans to shareholders				-81,255,196.
8	Mortgage and real estate loans				
9	Other investments (attach statement)	Stmt 60	7,795,717,410.		2,989,613,865.
10a	Buildings and other depreciable assets	5,900,064,945.		6,223,636,064.	
b	Less accumulated depreciation	(1,403,980,859.)	4,496,084,086.	(1,478,272,387.)	4,745,363,677.
11a	Depletable assets				
b	Less accumulated depletion	()		()	
12	Land (net of any amortization)		18,851,956.		21,675,042.
13a	Intangible assets (amortizable only)	815,812,704.		836,633,936.	
b	Less accumulated amortization	(20,130,109.)	795,682,595.	(34,393,377.)	802,240,559.
14	Other assets (attach statement)	Stmt 64	694,083,898.		1,563,074,294.
15	Total assets		15,062,267,891.		10,492,702,849.
Liabilities and Shareholders' Equity					
16	Accounts payable		178,898,840.		232,416,198.
17	Mortgages, notes, bonds payable in less than 1 year		481,378,465.		204,027,119.
18	Other current liabilities (attach statement)	Stmt 69	353,099,255.		158,176,427.
19	Loans from shareholders				
20	Mortgages, notes, bonds payable in 1 year or more		3,248,821,335.		-6,661,051.
21	Other liabilities (attach statement)	Stmt 78	1,375,731,502.		5,262,708,484.
22	Capital stock: a Preferred stock				
	b Common stock	64,140,213.	64,140,213.	100.	100.
23	Additional paid-in capital		7,593,567,477.		1,928,555,773.
24	Retained earnings - Appropriated (attach statement)		2,191,068.		
25	Retained earnings - Unappropriated		2,017,154,023.		2,909,544,820.
26	Adjustments to shareholders' equity (attach statement)		-236,572,304.		-147,057,459.
27	Less cost of treasury stock		(16,141,983.)		(49,007,562.)
28	Total liabilities and shareholders' equity		15,062,267,891.		10,492,702,849.

Schedule M-1 Reconciliation of Income (Loss) per Books With Income per Return

Note: The corporation may be required to file Schedule M-3. See instructions.

1	Net income (loss) per books		7	Income recorded on books this year not included on this return (itemize): Tax-exempt interest \$ _____
2	Federal income tax per books		8	Deductions on this return not charged against book income this year (itemize): a Depreciation \$ _____ b Charitable contributions \$ _____
3	Excess of capital losses over capital gains		9	Add lines 7 and 8
4	Income subject to tax not recorded on books this year (itemize): _____		10	Income (page 1, line 28) - line 6 less line 9
5	Expenses recorded on books this year not deducted on this return (itemize): a Depreciation \$ _____ b Charitable contributions \$ _____ c Travel and entertainment \$ _____			
6	Add lines 1 through 5			

Schedule M-2 Analysis of Unappropriated Retained Earnings per Books (Line 25, Schedule L)

1	Balance at beginning of year	2,576,499,093.	5	Distributions: a Cash	273,116,533.
2	Net income (loss) per books	507,869,484.		b Stock	
3	Other increases (itemize): _____			c Property	
	See Statement 84	105,470,199.	6	Other decreases (itemize) Stmt 88	7,177,423.
4	Add lines 1, 2, and 3	3,189,838,776.	7	Add lines 5 and 6	280,293,956.
			8	Balance at end of year (line 4 less line 7)	2,909,544,820.

SCHEDULE M-3
(Form 1120)

(Rev. December 2019)
Department of the Treasury
Internal Revenue Service

Net Income (Loss) Reconciliation for Corporations
With Total Assets of \$10 Million or More

▶ Attach to Form 1120 or 1120-C.
▶ Go to www.irs.gov/Form1120 for instructions and the latest information.

OMB No. 1545-0123

Name of corporation (common parent, if consolidated return) UGI Corporation		Employer identification number 23-2668356
Check applicable box(es):	(1) <input type="checkbox"/> Non-consolidated return	(2) <input type="checkbox"/> Consolidated return (Form 1120 only)
	(3) <input checked="" type="checkbox"/> Mixed 1120/L/PC group	(4) <input type="checkbox"/> Dormant subsidiaries schedule attached

Part I Financial Information and Net Income (Loss) Reconciliation (see instructions)

1 a Did the corporation file SEC Form 10-K for its income statement period ending with or within this tax year?
 Yes. Skip lines 1b and 1c and complete lines 2a through 11 with respect to that SEC Form 10-K.
 No. Go to line 1b. See instructions if multiple non-tax-basis income statements are prepared.

b Did the corporation prepare a certified audited non-tax-basis income statement for that period?
 Yes. Skip line 1c and complete lines 2a through 11 with respect to that income statement.
 No. Go to line 1c.

c Did the corporation prepare a non-tax-basis income statement for that period?
 Yes. Complete lines 2a through 11 with respect to that income statement.
 No. Skip lines 2a through 3c and enter the corporation's net income (loss) per its books and records on line 4a.

2 a Enter the income statement period: Beginning 10/01/2019 Ending 09/30/2020

b Has the corporation's income statement been restated for the income statement period on line 2a?
 Yes. (If "Yes," attach an explanation and the amount of each item restated.)
 No.

c Has the corporation's income statement been restated for any of the five income statement periods immediately preceding the period on line 2a?
 Yes. (If "Yes," attach an explanation and the amount of each item restated.)
 No.

3 a Is any of the corporation's voting common stock publicly traded?
 Yes.
 No. If "No," go to line 4a.

b Enter the symbol of the corporation's primary U.S. publicly traded voting common stock **UGI**

c Enter the nine-digit CUSIP number of the corporation's primary publicly traded voting common stock **902681105**

4 a Worldwide consolidated net income (loss) from income statement source identified in Part I, line 1	4a 532,421,711.
b Indicate accounting standard used for line 4a (see instructions): (1) <input checked="" type="checkbox"/> GAAP (2) <input type="checkbox"/> IFRS (3) <input type="checkbox"/> Statutory (4) <input type="checkbox"/> Tax-basis (5) <input type="checkbox"/> Other (specify) _____	
5 a Net income from nonincludible foreign entities (attach statement) Stmt. 91.	5a (38,024,265.)
b Net loss from nonincludible foreign entities (attach statement and enter as a positive amount) Stmt. 91.	5b 14,158,719.
6 a Net income from nonincludible U.S. entities (attach statement)	6a ()
b Net loss from nonincludible U.S. entities (attach statement and enter as a positive amount)	6b
7 a Net income (loss) of other includible foreign disregarded entities (attach statement)	7a
b Net income (loss) of other includible U.S. disregarded entities (attach statement) Stmt. 91.	7b -676,543.
c Net income (loss) of other includible entities (attach statement)	7c
8 Adjustment to eliminations of transactions between includible entities and nonincludible entities (attach statement)	8
9 Adjustment to reconcile income statement period to tax year (attach statement) Stmt. 92.	9 -10,138.
10 a Intercompany dividend adjustments to reconcile to line 11 (attach statement)	10a
b Other statutory accounting adjustments to reconcile to line 11 (attach statement)	10b
c Other adjustments to reconcile to amount on line 11 (attach statement) Stmt. 93.	10c
11 Net income (loss) per income statement of includible corporations. Combine lines 4 through 10. Note: Part I, line 11, must equal Part II, line 30, column (a), or Schedule M-1, line 1 (see instructions).	11 507,869,484.

12 Enter the total amount (not just the corporation's share) of the assets and liabilities of all entities included or removed on the following lines.

	Total Assets	Total Liabilities
a Included on Part I, line 4 ▶	14,986,755,050.	10,266,122,910.
b Removed on Part I, line 5 ▶		
c Removed on Part I, line 6 ▶	1,683,118,235.	1,161,514,211.
d Included on Part I, line 7 ▶		

Name of corporation (common parent, if consolidated return) UGI Corporation	Employer identification number 23-2668356
Check applicable box(es): (1) <input checked="" type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp (3) <input type="checkbox"/> Consolidated eliminations (4) <input type="checkbox"/> Subsidiary corp (5) <input checked="" type="checkbox"/> Mixed 1120/LPC group	
Check if a sub-consolidated: (6) <input type="checkbox"/> 1120 group (7) <input type="checkbox"/> 1120 eliminations	
Name of subsidiary (if consolidated return) Nonlife Consolidation	Employer identification number

Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)

Income (Loss) Items (Attach statements for lines 1 through 12)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations				
2 Gross foreign dividends not previously taxed				
3 Subpart F, QEF, and similar income inclusions				
4 Gross-up for foreign taxes deemed paid . . .				
5 Gross foreign distributions previously taxed .				
6 Income (loss) from equity method U.S. corporations				
7 U.S. dividends not eliminated in tax consolidation				
8 Minority interest for includible corporations .				
9 Income (loss) from U.S. partnerships				
10 Income (loss) from foreign partnerships . . .				
11 Income (loss) from other pass-through entities				
12 Items relating to reportable transactions . .				
13 Interest income (see instructions).				
14 Total accrual to cash adjustment				
15 Hedging transactions				
16 Mark-to-market income (loss)				
17 Cost of goods sold (see instructions)	()			()
18 Sale versus lease (for sellers and/or lessors)				
19 Section 481(a) adjustments				
20 Unearned/deferred revenue				
21 Income recognition from long-term contracts				
22 Original issue discount and other imputed interest .				
23a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than inventory and pass-through entities				
b Gross capital gains from Schedule D, excluding amounts from pass-through entities				
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
e Abandonment losses				
f Worthless stock losses (attach statement) . .				
g Other gain/loss on disposition of assets other than inventory				
24 Capital loss limitation and carryforward used				
25 Other income (loss) items with differences (attach statement)				
26 Total income (loss) items. Combine lines 1 through 25				
27 Total expense/deduction items (from Part III, line 39)				
28 Other items with no differences				
29a Mixed groups, see instructions. All others, combine lines 26 through 28	507,745,202.	-765,787,447.	117,341,803.	-140,700,442.
b PC insurance subgroup reconciliation totals	124,282.	77,789.	130,796.	332,867.
c Life insurance subgroup reconciliation totals				
30 Reconciliation totals. Combine lines 29a through 29c	507,869,484.	-765,709,658.	117,472,599.	-140,367,575.

Note: Line 30, column (a), must equal Part I, line 11, and column (d) must equal Form 1120, page 1, line 28.

Name of corporation (common parent, if consolidated return) UGI Corporation	Employer identification number 23-2668356
Check applicable box(es): (1) <input type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp (3) <input type="checkbox"/> Consolidated eliminations (4) <input type="checkbox"/> Subsidiary corp (5) <input checked="" type="checkbox"/> Mixed 1120/L/PC group	
Check if a sub-consolidated: (6) <input checked="" type="checkbox"/> 1120 group (7) <input type="checkbox"/> 1120 eliminations	
Name of subsidiary (if consolidated return) 1120 Subgroup	Employer identification number

Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)

Income (Loss) Items (Attach statements for lines 1 through 12)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations				
2 Gross foreign dividends not previously taxed				
3 Subpart F, QEF, and similar income inclusions			7,579,096.	7,579,096.
4 Gross-up for foreign taxes deemed paid		1,274,733.		1,274,733.
5 Gross foreign distributions previously taxed .				
6 Income (loss) from equity method U.S. corporations				
7 U.S. dividends not eliminated in tax consolidation	119,641,050.		-2,823,483.	116,817,567.
8 Minority interest for includible corporations .				
9 Income (loss) from U.S. partnerships	257,291,246.	-457,438,555.		-200,147,309.
10 Income (loss) from foreign partnerships				
11 Income (loss) from other pass-through entities				
12 Items relating to reportable transactions . . .				
13 Interest income (see instructions).	9,970,515.	-1,855,080.	718,200.	8,833,635.
14 Total accrual to cash adjustment.				
15 Hedging transactions	-27,990,590.	-75,404,551.		-103,395,141.
16 Mark-to-market income (loss)				
17 Cost of goods sold (see instructions)	(1,403,145,229.)	29,599,333.		(1,373,545,896.)
18 Sale versus lease (for sellers and/or lessors)				
19 Section 481(a) adjustments				
20 Unearned/deferred revenue	-5,800,381.	5,415,203.		-385,178.
21 Income recognition from long-term contracts				
22 Original issue discount and other imputed interest .				
23a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than inventory and pass-through entities	-53,501,717.	1,536,473.	52,093,691.	
b Gross capital gains from Schedule D, excluding amounts from pass-through entities				
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses		-1,272,439.		-1,272,439.
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses		-11,767,967.		-11,767,967.
e Abandonment losses				
f Worthless stock losses (attach statement). . .				
g Other gain/loss on disposition of assets other than inventory			649,945.	649,945.
24 Capital loss limitation and carryforward used				
25 Other income (loss) items with differences (attach statement)	7,472,740.	-17,226,932.	-3,722,665.	-13,476,857.
26 Total income (loss) items. Combine lines 1 through 25	-1,096,062,366.	-527,139,782.	54,494,784.	-1,568,707,364.
27 Total expense/deduction items (from Part III, line 39)	-507,328,013.	-238,647,665.	62,847,019.	-683,128,659.
28 Other items with no differences	2,111,135,581.			2,111,135,581.
29a Mixed groups, see instructions. All others, combine lines 26 through 28	507,745,202.	-765,787,447.	117,341,803.	-140,700,442.
b PC insurance subgroup reconciliation totals				
c Life insurance subgroup reconciliation totals				
30 Reconciliation totals. Combine lines 29a through 29c	507,745,202.	-765,787,447.	117,341,803.	-140,700,442.

Note: Line 30, column (a), must equal Part I, line 11, and column (d) must equal Form 1120, page 1, line 28.

Name of corporation (common parent, if consolidated return) UGI Corporation		Employer identification number 23-2668356
Check applicable box(es): (1) <input type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp (3) <input type="checkbox"/> Consolidated eliminations (4) <input type="checkbox"/> Subsidiary corp (5) <input checked="" type="checkbox"/> Mixed 1120/L/PC group		
Check if a sub-consolidated: (6) <input checked="" type="checkbox"/> 1120 group (7) <input type="checkbox"/> 1120 eliminations		
Name of subsidiary (if consolidated return) 1120 Subgroup		Employer identification number

Part III Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return - Expense/Deduction Items (see instructions)

Expense/Deduction Items	(a) Expense per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Deduction per Tax Return
1 U.S. current income tax expense	-85,189,525.		85,189,525.	
2 U.S. deferred income tax expense	137,171,082.		-137,171,082.	
3 State and local current income tax expense	2,889,178.	-120,025.		2,769,153.
4 State and local deferred income tax expense	15,973,516.	-10,115,981.	-5,857,535.	
5 Foreign current income tax expense (other than foreign withholding taxes)	-10,612,989.	10,612,989.		
6 Foreign deferred income tax expense	8,699,991.		-8,699,991.	
7 Foreign withholding taxes				
8 Interest expense (see instructions)	150,652,919.	877,074.		151,529,993.
9 Stock option expense	8,395,362.	-8,535,196.	2,370,639.	2,230,805.
10 Other equity-based compensation	3,280,261.	2,224,778.	4,509,728.	10,014,767.
11 Meals and entertainment	1,431,228.		-783,000.	648,228.
12 Fines and penalties	17,057.		-11,455.	5,602.
13 Judgments, damages, awards, and similar costs				
14 Parachute payments				
15 Compensation with section 162(m) limitation	3,071,462.		-1,362,724.	1,708,738.
16 Pension and profit-sharing	15,874,285.	-4,802,694.	-279,155.	10,792,436.
17 Other post-retirement benefits	-2,902,549.	1,729,130.		-1,173,419.
18 Deferred compensation				
19 Charitable contribution of cash and tangible property	853,307.		-31,750.	821,557.
20 Charitable contribution of intangible property				
21 Charitable contribution limitation/carryforward				
22 Domestic production activities deduction (see instructions)				
23 Current year acquisition or reorganization investment banking fees				
24 Current year acquisition or reorganization legal and accounting fees				
25 Current year acquisition/reorganization other costs		686,215.		686,215.
26 Amortization/impairment of goodwill		27,296,650.		27,296,650.
27 Amortization of acquisition, reorganization, and start-up costs		97,389.		97,389.
28 Other amortization or impairment write-offs	21,326,947.	8,264,515.	694,732.	30,286,194.
29 Reserved				
30 Depletion		370,731.		370,731.
31 Depreciation	171,716,706.	150,507,882.		322,224,588.
32 Bad debt expense	14,647,348.	-7,862,291.		6,785,057.
33 Corporate owned life insurance premiums				
34 Purchase versus lease (for purchasers and/or lessees)	4,054,230.	-1,070,746.		2,983,484.
35 Research and development costs				
36 Section 118 exclusion (attach statement)				
37 Section 162(n) - FDIC premiums paid by certain large financial institutions (see instructions)				
38 Other expense/deduction items with differences (attach statement)	45,978,197.	68,487,245.	-1,414,951.	113,050,491.
39 Total expense/deduction items. Combine lines 1 through 38. Enter here and on Part II, line 27, reporting positive amounts as negative and negative amounts as positive	507,328,013.	238,647,665.	-62,847,019.	683,128,659.

Schedule M-3 (Form 1120-PC) 2019

Name of corporation (common parent, if consolidated return)

Employer identification number

UGI Corporation

23-2668356

Check applicable box(es). (1) Consolidated group (2) Parent corp. (3) Consolidated eliminations (4) Subsidiary corp. (5) Mixed 1120/L/PC group

Check if a sub-consolidated: (6) 1120-PC group (7) 1120-PC eliminations

Name of subsidiary (if consolidated return)

Employer identification number

1120-PC Subgroup

Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)

Income (Loss) Items (Attach statements for lines 1 through 11)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations				
2 Gross foreign dividends not previously taxed				
3 Subpart F, QEF, and similar income inclusions				
4 Gross-up for foreign taxes deemed paid				
5 Gross foreign distributions previously taxed				
6 Income (loss) from equity method U.S. corporations				
7 U.S. dividends not eliminated in tax consolidation	10,138.			10,138.
8 Minority interest for includible corporations				
9 Income (loss) from U.S. partnerships				
10 Income (loss) from foreign partnerships				
11 Income (loss) from other pass-through entities				
12 Items relating to reportable transactions (attach statement)				
13 Interest income (attach Form 8916-A)	30,027.			30,027.
14 Hedging transactions				
15 Mark-to-market income (loss)				
16 Premium income (attach statement)	246,538.	3,986.		250,524.
17 Sale versus lease (for sellers and/or lessors)				
18 Section 481(a) adjustments				
19 Reserved for future use				
20 Income recognition from long-term contracts				
21 Original issue discount and other imputed interest				
22 Reserved for future use				
23a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than pass-through entities	-71,232.		71,232.	
b Gross capital gains from Schedule D, excluding amounts from pass-through entities				
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses				
e Abandonment losses				
f Worthless stock losses (attach statement)				
g Other gain/loss on disposition of assets				
24 Capital loss limitation and carryforward used				
25 Other income (loss) items with differences (attach statement)				
26 Total income (loss) items. Combine lines 1 through 25	215,471.	3,986.	71,232.	290,689.
27 Total expense/deduction items (from Part III, line 40)	-65,820.	73,803.	59,564.	67,547.
28 Other items with no differences	-25,369.			-25,369.
29a Mixed groups, see instructions. All others, combine lines 26 through 28	124,282.	77,789.	130,796.	332,867.
b 1120 subgroup reconciliation totals				
c Life insurance subgroup reconciliation totals				
30 Reconciliation totals. Combine lines 29a through 29c	124,282.	77,789.	130,796.	332,867.

Note: Line 30, column (a), must equal the amount on Part I, line 11, and column (d) must equal Form 1120-PC, Schedule A, line 35.

Schedule M-3 (Form 1120-PC) 2019

Name of corporation (common parent, if consolidated return)

Employer identification number

UGI Corporation

23-2668356

Check applicable box(es): (1) Consolidated group (2) Parent corp. (3) Consolidated eliminations (4) Subsidiary corp. (5) Mixed 1120/L/PC group

Check if a sub-consolidated: (6) 1120-PC group (7) 1120-PC eliminations

Name of subsidiary (if consolidated return)

Employer identification number

1120-PC Subgroup

Part III Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return - Expense/Deduction Items (see instructions)

Expense/Deduction Items	(a) Expense per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Deduction per Tax Return
1 U.S. current income tax expense	67,627.		-67,627.	
2 U.S. deferred income tax expense	-8,063.		8,063.	
3 State and local current income tax expense . .				
4 State and local deferred income tax expense . .				
5 Foreign current income tax expense (other than foreign withholding taxes).				
6 Foreign deferred income tax expense				
7 Foreign withholding taxes				
8 Stock option expense				
9 Other equity-based compensation				
10 Meals and entertainment				
11 Fines and penalties				
12 Judgments, damages, awards, and similar costs				
13 Parachute payments				
14 Compensation with section 162(m) limitation .				
15 Pension and profit-sharing.				
16 Other post-retirement benefits				
17 Deferred compensation.				
18 Charitable contribution of cash and tangible property .				
19 Charitable contribution of intangible property .				
20 Charitable contribution limitation/carryforward .				
21 Write-off of premium receivables				
22 Guarantee fund assessments				
23 Current year acquisition or reorganization investment banking fees				
24 Current year acquisition or reorganization legal and accounting fees				
25 Current year acquisition/reorganization other costs . .				
26 Amortization of acquisition, reorganization, and start-up costs				
27 Amortization/impairment of goodwill, insurance in force, and ceding commissions	21,964.	-21,964.		
28 Other amortization or impairment write-offs . .		-58,715.		-58,715.
29 Discounting of unpaid losses (section 846) (attach statement)	-11,800.	1,700.		-10,100.
30 Reduction of loss deduction (section 832(b)(5)(B)) . .				
31 Depreciation				
32 Bad debt expense and/or agency balances written off				
33 Reserved for future use				
34 Corporate-owned life insurance premiums . . .				
35 Purchase versus lease (for purchasers and/or lessees)				
36 Interest expense (attach Form 8916-A)				
37 Research and development costs				
38 Section 118 exclusion (attach statement)				
39 Other expense/deduction items with differences (attach statement)	-3,908.	5,176.		1,268.
40 Total expense/deduction items. Combine lines 1 through 39. Enter here and on Part II, line 27, reporting positive amounts as negative and negative amounts as positive	65,820.	-73,803.	-59,564.	-67,547.

UGI Corporation & Subsidiaries

23-2668356

	Combined	UGI Eliminations Top Consolidation	Adjustments	UGI Corporation & Subsidiaries
Consolidated Schedules				
1120 Page 1				
1a	Gross receipts or sales	2,377,424,003.		2,377,424,003.
1b	Returns and allowances			
1c	Balance	2,377,424,003.		2,377,424,003.
2	Cost of goods sold	1,387,491,763.		1,387,491,763.
3	Gross profit	989,932,240.		989,932,240.
4	Dividends	125,681,534.		125,681,534.
5	Interest	8,898,853.		8,898,853.
6	Gross rents			
7	Gross royalties			
8	Capital gain net income	-1,272,439.	1,272,439.	NONE
9	Net gain or (loss) from Form 4797	-8,204,736.		-8,204,736.
10	Other income	-13,202,382.		-13,202,382.
11	Total income	1,101,833,070.	1,272,439.	1,103,105,509.
12	Compensation of officers	21,596,233.		21,596,233.
13	Salaries and wages	139,968,764.		139,968,764.
14	Repairs and maintenance	143,196,726.		143,196,726.
15	Bad debts	6,785,057.		6,785,057.
16	Rents	4,327,566.		4,327,566.
17	Taxes and licenses	20,983,809.		20,983,809.
18	Interest	151,529,993.		151,529,993.
19	Charitable contributions	907,790.	-907,790.	NONE
20	Depreciation	322,224,589.		322,224,589.
21	Depletion	370,735.	-4.	370,731.
22	Advertising	3,070,755.		3,070,755.
23	Pension, profit-sharing etc., plans	9,619,017.		9,619,017.
24	Employee benefit programs	20,134,697.		20,134,697.
25	Reserved for future use			
26	Other deductions	397,484,915.		397,484,915.
27	Total deductions	1,242,200,646.	-907,794.	1,241,292,852.
28	Taxable income before NOL & Spec. Deductions	-140,367,576.	2,180,233.	-138,187,343.
29	NOL, Spec. deductions	116,827,705.		116,827,705.
30	Taxable income	-257,195,281.	2,180,233.	-255,015,048.
JSA				

	1120C Subgroup	1120 PC Subgroup
Consolidated Schedules		
1120 Page 1		
	23-2668356	03-0338831
	-----	-----
1a Gross receipts or sales	2,377,173,479.	250,524.
1b Returns and allowances		
1c Balance	2,377,173,479.	250,524.
2 Cost of goods sold	1,387,491,763.	
3 Gross profit	989,681,716.	250,524.
4 Dividends	125,671,396.	10,138.
5 Interest	8,868,826.	30,027.
6 Gross rents		
7 Gross royalties		
8 Capital gain net		
9 Net gain or (loss) from Form 4797	-1,272,439.	NONE
10 Other income	-13,202,382.	
	-----	-----
11 Total income	1,101,542,381.	290,689.
	-----	-----
12 Compensation of officers	21,596,233.	
13 Salaries and wages	139,968,764.	
14 Repairs and maintenance	143,196,726.	
15 Bad debts	6,785,057.	
16 Rents	4,327,566.	
17 Taxes and licenses	21,045,684.	-61,875.
18 Interest	151,529,993.	
19 Charitable contributions	907,790.	
20 Depreciation	322,224,589.	
21 Depletion	370,735.	
22 Advertising	3,070,755.	
23 Pension, profit-sharing etc., plans	9,619,017.	
24 Employee benefit programs	20,134,697.	
25 Reserved for future use		
26 Other deductions	397,465,218.	19,697.
	-----	-----
27 Total deductions	1,242,242,824.	-42,178.
	-----	-----
28 Taxable income before NOL & Spec. Deductions	-140,700,443.	332,867.
	=====	=====
29 NOL, Spec. deductions	116,817,567.	10,138.
	-----	-----
30 Taxable income	-257,518,010.	322,729.
JSA	=====	=====

	Combined	UGI Eliminations	Adjustments	1120C Subgroup
Consolidated Schedules				
1120 Page 1				
1a	2,631,902,766.	-254,729,287.		2,377,173,479.
1b				
1c	2,631,902,766.	-254,729,287.		2,377,173,479.
2	1,625,799,550.	-238,307,787.		1,387,491,763.
3	1,006,103,216.	-16,421,500.		989,681,716.
4	318,145,402.	-192,474,006.		125,671,396.
5	8,521,225.	347,601.		8,868,826.
6				
7				
8	2,290,792.		-3,563,231.	-1,272,439.
9	-11,767,967.		3,563,231.	-8,204,736.
10	-13,070,316.	-132,066.		-13,202,382.
11	1,310,222,352.	-208,679,971.		1,101,542,381.
12	21,596,233.			21,596,233.
13	140,100,829.	-132,065.		139,968,764.
14	143,196,726.			143,196,726.
15	6,785,057.			6,785,057.
16	4,327,566.			4,327,566.
17	21,045,684.			21,045,684.
18	151,182,392.	347,601.		151,529,993.
19	907,790.			907,790.
20	322,224,589.			322,224,589.
21	370,735.			370,735.
22	3,070,755.			3,070,755.
23	9,619,017.			9,619,017.
24	20,134,697.			20,134,697.
25				
26	413,886,719.	-16,421,501.		397,465,218.
27	1,258,448,789.	-16,205,965.		1,242,242,824.
28	51,773,563.	-192,474,006.		-140,700,443.
29	309,291,573.	-192,474,006.		116,817,567.
30	-257,518,010.			-257,518,010.
JSA				

1120C Subgroup

23-2668356

	UGI Corporation	AmeriGas Propane, Inc.	AmeriGas Technology Group, Inc.	AmeriGas, Inc.	Ashtola Production Company	Eastfield International Holdings, Inc.	Energy Services Funding Corporation	EuroGas Holdings, Inc.
	23-2668356	23-2786294	23-2861011	23-2716858	23-2101362	51-0385770	23-3099149	51-0392140
1a	Gross receipts or sales	1,138,913,328.						
1b	Returns and allowances							
1c	Balance	1,138,913,328.						
2	Cost of goods sold	823,279,961.						
3	Gross profit	315,633,367.						
4	Dividends	135,659,456.		56,814,551.				
5	Interest	602,399.						
6	Gross rents							
7	Gross royalties							
8	Capital gain net income		2,264,232.					
9	Net gain or (loss) from Form 4797	-12,336.						
10	Other income	-69,610,366.	65,134,161.			9.	5,258,588.	
11	Total income	382,272,520.	67,398,393.		56,814,551.	9.	5,258,588.	
12	Compensation of officers	17,399,158.	708,738.					
13	Salaries and wages	46,960,904.	473,353.					
14	Repairs and maintenance	25,505,513.						
15	Bad debts						529,105.	
16	Rents	2,635,890.						
17	Taxes and licenses	8,124,989.	10,422,282.		14,099.		386,167.	
18	Interest	97,071,512.					603,737.	
19	Charitable contributions	618,857.	43,793.					
20	Depreciation	174,609,004.	5,447.		4,038.			
21	Depletion	370,735.						
22	Advertising	994,762.						
23	Pension, profit-sharing etc., plans	2,037,584.						
24	Employee benefit programs	5,725,560.						
25	Reserved for future use							
26	Other deductions	65,878,483.	-575,485.		4,387.	1,161.	260,117.	
27	Total deductions	447,932,951.	11,078,128.		22,524.	1,161.	1,779,126.	
28	Taxable income before NOL & Spec. Deductions	-65,660,431.	56,320,265.	NONE	56,792,027.	-1,152.	3,479,462.	NONE
29	NOL, Spec. deductions	135,659,456.			56,814,551.			
30	Taxable income	-201,319,887.	56,320,265.	NONE	-22,524.	-1,152.	3,479,462.	NONE
JSA								

1120C Subgroup

23-2668356

	Four Flags Drilling Company	Hellertown Pipeline Company	Homestead Holding Company	Newbury Holding Company	UGI Asset Management, Inc.	UGI Black Sea Enterprises, Inc.	UGI China, Inc.	UGI Development Company
	23-2178262	46-0490470	51-0467618	30-0170818	51-0380873	23-2800542	52-2095053	23-1650159
1a								36,194,223.
1b								
1c								36,194,223.
2								15,873,430.
3								20,320,793.
4								
5			-598,767.	963,925.				26,386.
6								
7								
8								
9								-1,272,439.
10								-10,624,816.
								-201,347.
11			-598,767.	963,925.				8,248,577.
12								
13								1,879,168.
14								3,679,067.
15								
16			2,281.	2,143.				478,830.
17				311.				197,895.
18								103.
19								
20								9,991,074.
21								
22								
23								111,514.
24								243,298.
25								
26			6,222.	6,008.				8,525,714.
27			8,503.	8,462.				25,106,663.
28	NONE	NONE	-607,270.	955,463.	NONE	NONE	NONE	-16,858,086.
29								
30	NONE	NONE	-607,270.	955,463.	NONE	NONE	NONE	-16,858,086.

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1120C Subgroup

23-2668356

	UGI Energy Ventures, Inc	UGI Ethanol Development Company	UGI Europe, Inc.	UGI Hunlock Development Company	UGI HVAC Enterprises, Inc.	UGI International (China), Inc.	UGI International (Romania), Inc.	UGI LNG, Inc
	71-0992456	23-2179048	23-3070112	23-3051491	51-0375688	23-2867252	23-2837401	51-0590685
1a			362,747,044.		40,609,026.			13,269,824.
1b								
1c			362,747,044.		40,609,026.			13,269,824.
2			347,273,504.		19,963,746.			
3			15,473,540.		20,645,280.			13,269,824.
4			125,671,395.					
5			7,498,821.		5,808.			4,398.
6								
7								
8								
9					-1,127,238.			
10			-918,763.		-79,895.			
11			147,724,993.		19,443,955.			13,274,222.
12					504,718.			
13			2,055,655.		8,839,555.			
14								1,073,204.
15					251,937.			
16			4,326.		591,756.			
17			-1,649,947.		903,510.			463,897.
18			1,232,934.		78,968.			
19					200.			
20			420.		946,877.			7,356,862.
21								
22			1,490,389.		1,559,617.			
23					638,638.			
24					1,798,918.			
25								
26			4,978,862.		-1,494,553.			2,062,137.
27			8,112,639.		14,620,141.			10,956,100.
28	NONE	NONE	139,612,354.	NONE	4,823,814.	NONE	NONE	2,318,122.
29			116,817,566.					
30	NONE	NONE	22,794,788.	NONE	4,823,814.	NONE	NONE	2,318,122.

JSA

1120C Subgroup

23-2668356

Consolidated Schedules 1120 Page 1	UGI Penn HVAC Services, Inc 23-1946160	UGI Petroleum Products of Delaware, Inc 51-0056772	UGI Properties, Inc. 23-2710207	UGI Romania, Inc. 23-2925615	UGI Storage Company 32-0309503	UGID Holding Company 51-0389590	UGI Utilities, Inc 23-1174060	AmeriGas Propane Holdings, Inc 83-4160550
1a Gross receipts or sales			2,369,875.		8,796,515.		1,029,002,931.	
1b Returns and allowances								
1c Balance			2,369,875.		8,796,515.		1,029,002,931.	
2 Cost of goods sold					43,169.		419,365,740.	
3 Gross profit			2,369,875.		8,753,346.		609,637,191.	
4 Dividends								
5 Interest					5,173.		13,082.	
6 Gross rents								
7 Gross royalties								
8 Capital gain net income								1,298,999.
9 Net gain or (loss) from Form 4797							-3,577.	
10 Other income			5,626.		2,580.		-4,933,813.	-7,727,096.
11 Total income			2,375,501.		8,761,099.		604,712,883.	-6,428,097.
12 Compensation of officers							2,983,619.	
13 Salaries and wages							79,892,194.	
14 Repairs and maintenance			262,292.		551,731.		112,124,919.	
15 Bad debts							6,004,015.	
16 Rents						2,143.	610,197.	
17 Taxes and licenses			257,289.		9,947.		12,227,250.	-10,312,005.
18 Interest			657,221.				51,537,917.	
19 Charitable contributions			2,500.		200,000.			42,440.
20 Depreciation			507,728.		1,532,024.		127,271,115.	
21 Depletion								
22 Advertising							-974,013.	
23 Pension, profit-sharing etc., plans							6,831,281.	
24 Employee benefit programs							12,366,921.	
25 Reserved for future use								
26 Other deductions			339,472.		2,315,576.	5,842.	120,561,100.	211,011,676.
27 Total deductions			2,026,502.		4,609,278.	7,985.	531,436,515.	200,742,111.
28 Taxable income before NOL & Spec. Deductions	NONE	NONE	348,999.	NONE	4,151,821.	-7,985.	73,276,368.	-207,170,208.
29 NOL, Spec. deductions								
30 Taxable income	NONE	NONE	348,999.	NONE	4,151,821.	-7,985.	73,276,368.	-207,170,208.
JSA								