



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

610-796-3400

VIA FEDERAL EXPRESS

June 1, 2023

DATE OF DEPOSIT

Ms. Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North St.
Harrisburg, PA 17120

JUN - 1 2023

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

**RE: Annual Resource Planning Report
UGI Utilities, Inc. - Gas Division
Docket No. M-2023-3037450**

Dear Secretary Chiavetta:

In accordance with 52 Pa. Code §59.81 – 59.84, UGI Utilities, Inc. – Gas Division hereby files the Annual Resource Planning Report. For any questions related to the attached report, please contact me at sepler@ugi.com. Copies of this filing have been served upon the Bureau of Investigation and Enforcement, the Office of Small Business Advocate, the Office of Consumer Advocate, and Matt Stewart (mattstewar@pa.gov) via email.

Sincerely,

Sherry Epler
Senior Manager
Tariff & Supplier Administration

SE/rks

Enclosures: (1) Original

**FORM-IRP-GAS-1A: ANNUAL GAS REQUIREMENTS
REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
(volumes in MMcf)**

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2021	-1 2022	0 2023	1 2024	2 2025	3 2026
Firm Sales:						
Retail Residential	41,340	44,715	47,718	48,382	49,067	49,774
Retail Commercial	15,439	17,846	18,529	18,723	18,879	17,035
Retail Industrial	957	910	917	1,071	1,358	1,351
Electric Power Generation	0	0	0	0	0	0
Exchange with Other Utilities	0	0	0	0	0	0
Unaccounted For	948	828	1,027	1,035	1,043	1,049
Company Use	378	439	480	480	460	480
Other	0	0	0	0	0	0
Subtotal Firm Sales	59,080	64,539	66,651	67,651	68,805	69,669
Interruptible Sales:						
Retail	0	0	0	0	0	0
Electric Power Generation	0	0	0	0	0	0
Company's Own Plant	0	0	0	0	0	0
Subtotal Interruptible Sales	0	0	0	0	0	0
SUBTOTAL FIRM AND INTERRUPTIBLE SALES	59,080	64,539	66,651	67,651	68,805	69,669
Transportation:						
Firm Residential	6,084	6,216	6,241	6,241	6,241	6,241
Firm Commercial	31,030	33,920	32,679	33,313	33,319	33,280
Firm Industrial	58,792	58,920	62,053	62,823	63,874	64,356
Interruptible Residential	0	0	0	0	0	0
Interruptible Commercial	4,380	4,490	4,200	4,201	4,201	4,201
Interruptible Industrial	12,324	12,497	11,088	11,381	11,983	12,322
Electric Power Generation	136,147	141,125	160,478	160,478	160,478	160,478
Subtotal Transportation	246,767	257,166	276,718	278,437	279,897	280,879
TOTAL GAS REQUIREMENTS	305,827	321,707	343,369	346,089	348,701	350,548
Increase (Decrease)		15,881	21,662	2,720	2,913	1,846
Percent Change (%)		6.2%	6.7%	0.8%	0.8%	0.5%

DATE OF DEPOSIT

JUN - 1 2023

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

FORM-IRP-GAS-1B: PEAK DAY GAS REQUIREMENTS
REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
(volumes in MMcf)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2021	-1 2022	0 2023	1 2024	2 2025	3 2026
Firm Sales:						
Retail Residential	382	486	489	676	684	691
Retail Commercial	134	180	194	269	272	275
Retail Industrial	7	10	12	16	16	17
Electric Power Generation	0	0	0	0	0	0
Exchange with Other Utilities	0	0	0	0	0	0
Unaccounted For	1	2	1	0	0	0
Company Use	0	0	0	0	0	0
Other	0	0	0	0	0	0
Subtotal Firm Sales	604	678	696	961	972	984
Interruptible Sales:						
Retail	0	0	0	0	0	0
Electric Power Generation	0	0	0	0	0	0
Company's Own Plant	0	0	0	0	0	0
Subtotal Interruptible Sales	0	0	0	0	0	0
SUBTOTAL FIRM AND INTERRUPTIBLE SALES	604	678	696	961	972	984
Transportation:						
Firm Residential	41	43	30	42	42	43
Firm Commercial	177	190	165	220	220	220
Firm Industrial	209	195	203	277	279	280
Interruptible Residential	0	0	0	0	0	0
Interruptible Commercial	31	22	22	30	29	29
Interruptible Industrial	62	42	38	55	56	57
Electric Power Generation	444	377	428	619	618	617
Subtotal Transportation	962	889	886	1,243	1,246	1,246
TOTAL GAS REQUIREMENTS	1,466	1,547	1,582	2,204	2,217	2,230
Increase (Decrease)		81	35	622	13	13
Percent Change (%)		6.6%	2.3%	39.3%	0.6%	0.6%

Appendix A: Page 2

DATE OF DEPOSIT

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

FORM-IRP-GAS-2A: NATURAL GAS SUPPLY
REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
TABLE 1: ANNUAL SUPPLY
(volumes in MMcf)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2021	-1 2022	0 2023	1 2024	2 2025	3 2026
Gas Supply for Sales Service						
Supply Contracts						
Z	39,230	39,170	5,498	0	0	0
F	9,108	18,734	5,087	0	0	0
FF	7,844	7,658	2,058	0	0	0
T	4,748	4,851	1,118	0	0	0
EE	4,712	1,919	499	0	0	0
A	3,594	1,050	185	0	0	0
K	2,640	1,027	128	0	0	0
M	1,994	802	117	0	0	0
BB	1,874	788	101	0	0	0
U	875	821	88	0	0	0
Supply Contracts (Other)	7,389	7,658	55,811	67,451	68,605	69,489
Spot Purchases	0	0	0	0	0	0
Storage Withdrawals	14,932	18,962	14,815	14,815	14,815	14,815
LNG/SNG/Propane Purchases	41	0	0	0	0	0
Company Production	0	0	0	0	0	0
Local Purchases	664	623	42	0	0	0
Exchanges with other LDCs	0	0	0	0	0	0
Other	0	0	0	0	0	0
Total Gas Supply for Sales	99,343	101,857	85,104	82,068	83,220	84,084
Total Transportation Service	248,787	257,168	276,718	278,437	279,897	280,879
TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE	348,110	359,025	361,823	360,503	363,117	364,962
Deductions						
Transportation Fuel	(828)	(744)	(153)	0	0	0
Curtailments	0	0	0	0	0	0
Underground Storage Injections	(18,093)	(15,725)	(14,415)	(14,415)	(14,415)	(14,415)
LNG Liquefaction	0	0	0	0	0	0
Sales to other LDCs	0	0	0	0	0	0
Off-System Sales	(23,381)	(20,849)	(3,888)	0	0	0
Total Deductions	(40,283)	(37,318)	(18,453)	(14,415)	(14,415)	(14,415)
NET GAS SUPPLY	305,827	321,707	343,369	346,088	348,701	350,548

Rank contracts in order of magnitude for the current year. Reporting should proceed along rank ordering until 75% of total contract supply is accounted for, or until ten contracts have been listed, whichever comes first. Provide a separate sheet identifying the supplier for each contract listed.

FORM-IRP-GAS-2A: NATURAL GAS SUPPLY
 REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
 TABLE 2: PEAK DAY SUPPLY
 (volumes in MMcf)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2021	-1 2022	0 2023	1 2024	2 2025	3 2026
Gas Supply for Sales Service						
Supply Contracts						
Z	63	66	51	0	0	0
F	18	35	40	0	0	0
FF	1	14	34	0	0	0
T	0	9	24	0	0	0
U	0	2	1	0	0	0
X	0	0	1	0	0	0
C	0	0	1	0	0	0
A	0	0	0	0	0	0
D	0	0	0	0	0	0
L	0	0	0	0	0	0
Supply Contracts (Other)	54	180	163	930	943	958
Spot Purchases	371	448	582	0	0	0
Storage Withdrawals	170	232	160	244	244	244
LNG/SNG/Propane Purchases	0	0	0	0	0	0
Company Production	0	0	0	0	0	0
Local Purchases	0	0	0	0	0	0
Exchanges with other LDCs	0	0	0	0	0	0
Other	0	0	0	0	0	0
Total Gas Supply for Sales	675	973	1,026	1,174	1,187	1,200
Total Transportation Service	951	880	724	1,030	1,030	1,030
TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE	1,626	1,653	1,751	2,204	2,217	2,230
Deductions						
Curtailments	0	0	0	0	0	0
Underground Storage Injections	0	0	0	0	0	0
LNG Liquefaction	0	0	0	0	0	0
Sales to other LDCs	0	0	0	0	0	0
Off-System Sales	(160)	(106)	(169)	0	0	0
Total Deductions	(160)	(106)	(169)	0	0	0
NET GAS SUPPLY	1,466	1,547	1,582	2,204	2,217	2,230

*Rank contracts in order of magnitude for the current year. Reporting should proceed along rank ordering until 76% of total contract supply is accounted for, or until ten contracts have been listed, whichever occurs first. Provide a separate sheet identifying the supplier for each contract listed.

**FORM-IRP-GAS-2B: NATURAL GAS TRANSPORTATION
REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
(Volumes in MMcf)**

Index Year Actual Year	Historical Data				Current Year				Three Year Forecast			
	-2 2021		-1 2022		0 2023		1 2024		2 2025		3 2026	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
City Gate Transportation Contracts:												
V	23,691	94	23,692	94	23,640	94	23,640	94	23,640	94	23,640	94
B1	17,817	48	17,817	48	17,853	48	17,853	48	17,853	48	17,853	48
A1	397	1	14,328	39	14,357	39	14,357	39	14,357	39	14,357	39
P	14,328	39	12,640	35	12,665	35	12,665	35	12,665	35	12,665	35
X	12,639	35	11,882	33	11,906	33	11,906	33	11,906	33	11,906	33
A2	11,881	33	11,348	31	11,372	31	11,372	31	11,372	31	11,372	31
A3	11,348	31	8,737	24	8,764	24	8,764	24	8,764	24	8,764	24
A17	8,297	17	8,737	24	8,784	24	8,784	24	8,764	24	8,764	24
X3	2,819	8	8,737	24	8,784	24	8,764	24	8,764	24	8,764	24
O1	8,736	24	7,857	22	7,973	22	7,973	22	7,973	22	7,973	22
Other	121,138	772	102,828	710	107,348	732	107,348	732	107,348	732	107,348	732
TOTAL	230,791	1,101	228,404	1,084	233,178	1,108	233,178	1,108	233,178	1,108	233,178	1,108
Upstream Transportation Contracts:												
C	8,324	6	2,000	2	2,000	2	2,000	2	2,000	2	2,000	2
M	2,000	2	0	0	0	0	0	0	0	0	0	0
A3	874	2	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9,198	10	2,000	2	2,000	2	2,000	2	2,000	2	2,000	2
Storage Related Transportation Contracts:												
B13	33,117	121	33,119	121	33,185	121	33,185	121	33,185	121	33,185	121
A8	2,330	6	2,330	6	2,335	6	2,335	6	2,335	6	2,335	6
Other	1,398	4	1,398	4	1,401	4	1,401	4	1,401	4	1,401	4
TOTAL	36,845	131	36,846	131	36,921	132	36,921	132	36,921	132	36,921	132

*Entries are ranked in order of magnitude for the current year and a sheet noting the storage provider and termination date for each contract is included. Reporting proceeds along rank ordering until 75% of total peak is accounted for. Data assumes continuance and/or replacement of expiring citygate contracts.

FORM-RP-GAS-2C: NATURAL GAS STORAGE
 REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
 (Volumes in MMcf)

Index Year Actual Year	Historical Data		Current Year		Three Year Forecast							
	-2 2021		-1 2022		0 2023		1 2024		2 2025		3 2026	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
Storage Contracts												
L	6,750	121	6,751	121	6,754	121	6,754	121	6,754	121	6,754	121
A	842	8	2,725	25	2,731	25	2,731	25	2,731	25	2,731	25
B	763	7	2,630	54	2,635	54	2,635	54	2,635	54	2,635	54
OTHER	7,844	107	4,094	44	4,102	44	4,102	44	4,102	44	4,102	44
TOTAL	16,199	244	16,199	244	16,232	244	16,232	244	16,232	244	16,232	244

*Entries are ranked in order of magnitude for the current year and a sheet noting the storage provider and termination date for each contract is included. Reporting proceeds along rank ordering until 76% of total peak is accounted for.

**FORM-IRP-GAS-3: NUMBER OF CUSTOMERS (YEAR END)
REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION**

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2021	-1 2022	0 2023	1 2024	2 2025	3 2026
Sales Service:						
Retail Residential	532,340	542,927	550,850	557,554	564,456	571,358
Retail Commercial	49,706	49,545	49,780	50,235	50,688	51,141
Retail Industrial	710	716	706	701	697	693
Other	0	0	0	0	0	0
Subtotal Sales Service	582,756	593,188	601,136	608,490	615,841	623,192
Electric Power Generation	9	9	9	9	9	9
Transportation Service 1/	99,263	96,447	96,515	96,515	96,515	96,515
CUSTOMER TOTAL	682,028	689,644	697,660	705,014	712,365	719,716
Increase (Decrease)		7,616	8,016	7,354	7,351	7,351
Percent Change (%)		1.1%	1.2%	1.1%	1.0%	1.0%

1/ Customers with both non-transportation and transportation accounts will be counted twice.

FORM-IRP-GAS-4A: ANNUAL SUPPLY AND REQUIREMENTS SUMMARY
REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
(volumes in MMcf)

	Historical Data		Current Year	Three Year Forecast		
Index Year Actual Year	-2 2021	-1 2022	0 2023	1 2024	2 2025	3 2026
Gas Supply:						
Supply Contracts	83,706	84,373	70,448	67,451	68,605	69,469
Spot Purchases	15,637	17,484	14,857	14,615	14,815	14,615
Subtotal Gas Supply	99,343	101,857	85,104	82,066	83,220	84,084
Transportation	246,767	257,168	276,718	278,437	279,897	280,879
TOTAL GAS SUPPLY	346,110	359,025	361,823	360,503	363,117	364,963
Requirements:						
Firm Requirements	59,060	64,539	66,651	67,651	68,805	69,669
Interruptible Requirements	0	0	0	0	0	0
Subtotal Firm and Interruptible	59,060	64,539	66,651	67,651	68,805	69,669
Transportation	246,767	257,168	278,718	278,437	279,897	280,879
Load Deductions	(40,283)	(37,317)	(18,454)	(14,415)	(14,415)	(14,415)
TOTAL GAS REQUIREMENTS	346,110	359,025	361,823	360,503	363,117	364,963
Surplus(Deficiency)	0	0	0	0	0	0

FORM-IRP-GAS-4B: PEAK DAY SUPPLY AND REQUIREMENTS SUMMARY
REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
(volumes in MMcf)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2021	-1 2022	0 2023	1 2024	2 2025	3 2026
Gas Supply:						
Supply Contracts	134	296	305	930	943	956
Spot Purchases	541	676	722	244	244	244
Subtotal Gas Supply	675	973	1,028	1,174	1,187	1,200
<i>Transportation</i>	951	680	724	1,030	1,030	1,030
TOTAL GAS SUPPLY	1,626	1,653	1,751	2,204	2,217	2,230
Requirements:						
Firm Requirements	504	678	696	961	972	984
Interruptible Requirements	0	0	0	0	0	0
Subtotal Firm and Interruptible	504	678	696	961	972	984
<i>Transportation</i>	952	889	888	1,243	1,245	1,246
Load Deductions	(160)	(108)	(169)	0	0	0
TOTAL GAS REQUIREMENTS	1,626	1,653	1,751	2,204	2,217	2,230
Surplus(Deficiency)	0	0	0	0	0	0

FORM-IRP-GAS-4A-SUMMARY: ANNUAL SUPPLY AND REQUIREMENTS SUMMARY
REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
(volumes in MMcf)

	Current Year	Three Year Forecast		
Index Year Actual Year	0 2023	1 2024	2 2025	3 2026
Gas Supply:				
System Supply	85,104	82,066	83,220	84,084
Transportation	276,718	278,437	279,897	280,879
TOTAL GAS SUPPLY	361,823	360,503	363,117	364,963
Requirements:				
System Sales	66,651	67,651	68,805	69,669
Transportation	276,718	278,437	279,897	280,879
Load Deductions	(18,453)	(14,415)	(14,415)	(14,415)
TOTAL GAS REQUIREMENTS	361,823	360,503	363,117	364,963
Surplus(Deficiency)	0	0	0	0

FORM-IRP-GAS-4B-SUMMARY: PEAK DAY SUPPLY AND REQUIREMENTS SUMMARY
REPORTING UTILITY: UGI UTILITIES, INC. - GAS DIVISION
(volumes in MMcf)

	Current Year	Three Year Forecast		
Index Year Actual Year	0 2023	1 2024	2 2025	3 2026
Gas Supply:				
System Supply	1,028	1,174	1,187	1,200
Transportation	724	1,030	1,030	1,030
TOTAL GAS SUPPLY	1,751	2,204	2,217	2,230
Requirements:				
System Sales	696	961	972	984
Transportation	886	1,243	1,245	1,246
Load Deductions	(169)	0	0	0
TOTAL GAS REQUIREMENTS	1,751	2,204	2,217	2,230
Surplus(Deficiency)	0	0	0	0

FORM-IRP-GAS-2A: NATURAL GAS SUPPLIERS

Supplier Contracts:	
<u>Supplier Designation</u>	<u>Supplier</u>
Z	EQT Energy, LLC
F	UGI Energy Services, LLC (d.b.a. UGI EnergyLink)
FF	South Jersey Resources Group, L.L.C.
T	J. Aron & Company
U	SWN Energy Services, LLC
X	Seneca Resources Company, LLC
C	Archaea Energy Marketing LLC
A	Range Resources - Appalachia, LLC
D	Colonial Energy, Incorporated
L	Spotlight Energy, LLC

FORM-IRP-GAS-2B: NATURAL GAS TRANSPORTATION

City Gate Transportation Contracts:	
<u>Supplier Designation</u>	<u>Termination Date</u>
V	10/31/2038
B1	10/31/2023
A1	10/31/2024
P	10/31/2033
X	10/31/2029
A2	10/31/2024
A3	10/31/2024
A17	10/31/2036
X3	10/31/2024
D1	3/31/2027

Upstream Transportation Contracts:	
<u>Supplier Designation</u>	<u>Termination Date</u>
C	3/31/2025

Storage Related Transportation Contracts:	
<u>Supplier Designation</u>	<u>Termination Date</u>
B13	3/31/2025
A8	3/31/2026
C3	11/30/2025

FORM-IRP-GAS-2C: NATURAL GAS STORAGE

<u>Supplier Designation</u>	<u>Termination Date</u>
L	3/31/2025
A	3/31/2028
B	3/31/2028

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolewicz

Program: Apartment Program

Proposed Existing

OBJECTIVES:

The purpose of this program is to incentivize new construction developers or existing apartment owners/managers to choose heating systems utilizing clean, efficient natural gas heat. Apartments heated by electricity or propane and situated along a natural gas main are targeted as well as proposed multi-family projects.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Apartment owners are offered a rebate on the purchase and installation of natural gas heating equipment. Typically, about \$500/residential unit may be offered for individual heating systems or \$250/residential unit for central heating systems. Rebate offers are valid for a limited time period. The economics of installing gas service as well as the availability of rebate funds are evaluated as each prospect is identified.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2022	N/A	0		0	161 individual units installed gas heating equipment

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2022	2	\$75	\$0	\$0	\$123,875	\$123,950

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolevicz

Program: Apartment Program

Proposed Existing

OBJECTIVES:

The purpose of this program is to incentivize new construction developers or existing apartment owners/managers to choose heating systems utilizing clean, efficient natural gas heat. Apartments heated by electricity or propane and situated along a natural gas main are targeted as well as proposed multi-family projects.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Apartment owners are offered a rebate on the purchase and installation of natural gas heating equipment. Typically, about \$500/residential unit may be offered for individual heating systems or \$250/residential unit for central heating systems. Rebate offers are valid for a limited time period. The economics of installing gas service, as well as the availability of rebate funds, are evaluated as each prospect is identified.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2023	N/A	0		0	108 individual units installed gas heating equipment

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2023	2	\$75	\$0	\$0	\$92,000	\$92,075

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: A. J. Galczynski

Program: Cogeneration/Distributed Generation

Proposed **Existing**

OBJECTIVES:

Perform preliminary cogeneration studies to provide information on energy savings to commercial and industrial customers.

Disseminate information on energy savings available to commercial and industrial customers considering conservation.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Conduct feasibility studies showing energy savings available through cogeneration.

Disseminate information through seminars to targeted groups such as hospital engineers, administrators, and engineering firms.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons (per year)	
2022	185,021				It is difficult to estimate energy reduction due to variable use and fuel type offset of customer CHP systems. However, Cogeneration will reduce wasted energy inherent in conventional boilers and oil-fired electric generating equipment.

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2022	1,560	\$87,181			\$13,077	\$100,258

DATE OF DEPOSIT

JUN - 1 2023

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: A. J. Galczynski

Program: Cogeneration/Distributed Generation

Proposed Existing

OBJECTIVES:

Perform preliminary cogeneration studies to provide information on energy savings to commercial and industrial customers.

Disseminate information on energy savings available to commercial and industrial customers considering conservation.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Conduct feasibility studies showing energy savings available through cogeneration.

Disseminate information through seminars to targeted groups such as hospital engineers, administrators, and engineering firms.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons (per year)</u>	
2023	187,521				It is difficult to estimate energy reduction due to variable use and fuel type offset of customer CHP systems. However, Cogeneration will reduce wasted energy inherent in conventional boilers and oil-fired electric generating equipment.

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2023	1,560	\$91,540			\$13,731	\$105,271

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: A. J. Galeczynski

Program: Commercial & Industrial Newsletters/Public Events Proposed Existing

OBJECTIVES:

To provide customers with updates on new technology and energy-efficient products, to capsulize industry news, and to report on energy-related topics and studies that may affect customers' businesses.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI maintains membership to industry organizations and distributes copies of applicable material to area design professionals. These publications promote the efficient utilization of natural gas technologies in both industrial and commercial applications. In addition, UGI produces case studies of applications of energy efficient natural gas applications within our service territory and distributes these to design professionals and end users.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons*	
2022	It is difficult to estimate energy reduction achieved by providing educational articles on energy topics to customers.				

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			Total
	Estimated Manhours	Labor	Services	Program Info	Misc.	
2022	1,500	\$63,000	\$6,000	\$4,800	\$30,000	\$103,800

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: A. J. Galczynski

Program: Commercial & Industrial Newsletters/Public Events Proposed Existing

OBJECTIVES:

To provide customers with updates on new technology and energy-efficient products, to capsulize industry news, and to report on energy-related topics and studies that may affect customers' businesses.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI maintains membership to industry organizations and distributes copies of applicable material to area design professionals. These publications promote the efficient utilization of natural gas technologies in both industrial and commercial applications. In addition, UGI produces case studies of applications of energy efficient natural gas applications within our service territory and distributes these to design professionals and end users.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons*	
2023	It is difficult to estimate energy reduction achieved by providing educational articles on energy topics to customers.				

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			Total
	Estimated Manhours	Labor	Services	Program Info	Misc.	
2023	1,500	\$66,150	\$6,000	\$4,800	\$30,000	\$106,950

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolevicz

Program: Commercial Conversion Campaign

Proposed Existing

OBJECTIVES:

The primary objective of this program is to educate prospective business customers along existing UGI natural gas facilities, about the efficiency and cost savings benefits of natural gas over other fuels such as oil, electricity or propane. This information allows business consumers to make choices that reduce the use of all energies and save money on utility bills.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Qualifying prospective business customers will be sent a series of emails, direct mail collateral and digital ads incentivizing them to meet with a UGI representative to learn about the benefits of natural gas. After the meeting, the prospective customer will be offered a gift card for their time and will continue to receive information electronically about the benefits of switching to clean, affordable natural gas service from UGI.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2022	N/A		N/A	N/A	

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2022	0	\$0	\$0	\$0	\$0	\$0*

*UGI did not offer a Commercial Campaign in 2022.

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolevich

Program: Commercial Conversion Campaign

Proposed Existing

OBJECTIVES:

The primary objective of this program is to educate prospective business customers along existing UGI natural gas facilities, about the efficiency and cost savings benefits of natural gas over other fuels such as oil, electricity or propane. This information allows business consumers to make choices that reduce the use of all energies and save money on utility bills.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Qualifying prospective business customers will be sent a series of emails, direct mail collateral and digital ads incentivizing them to meet with a UGI representative to learn about the benefits of natural gas. After the meeting, the prospective customer will be offered a gift card for their time and will continue to receive information electronically about the benefits of switching to clean, affordable natural gas service from UGI.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2023	N/A		N/A	N/A	

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2023	0	\$0	\$0	\$0	\$0	\$0*

*UGI does not anticipate offering a Commercial Conversion Campaign in 2023.

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: Conservation Education & Tools

Proposed Existing

OBJECTIVES:

To provide consumers with information about conservation and weatherization in a variety of easy-to-read formats and also provide an online do-it-yourself energy audit tool.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Informational hand-outs, posters, and guides are provided to customers, community groups, and schools. This literature includes information concerning home energy management and selecting energy efficient appliances. UGI's website also serves as a convenient resource for conservation information and provides a convenient link to an online energy audit tool. A number of years ago, UGI added a literature fulfillment program for schools through our sponsorship of the NEF Academy for Natural Gas. That program has grown each year and is being used by more and more teachers throughout the service area. UGI has committed additional resources as the program has filled.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2022	N/A		N/A		Through UGI's sponsorship of the NEF Academy for Natural Gas approximately 130 schools each year receive comprehensive energy education instructional packets. The program was fully subscribed in 2021-2022. The program has continued to see greater utilization by teachers.

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2022	20	\$1,000			\$11,000	\$12,000

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: Conservation Education & Tools

Proposed Existing X

OBJECTIVES:

To provide consumers with information about conservation and weatherization in a variety of easy-to-read formats and also provide an online do-it-yourself energy audit tool.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Informational hand-outs, posters, and guides are provided to customers, community groups, and schools. This literature includes information concerning home energy management and selecting energy efficient appliances. UGI's website also serves as a convenient resource for conservation information and provides a convenient link to an online energy audit tool. Several years ago, UGI added a literature fulfillment program for schools through our sponsorship of the NEF Academy for Natural Gas. The program had seen significant growth in recent years.

Starting with the 2023 fiscal year, the UGI Low Income Usage Reduction Program (LIURP) sponsored the WGAL Community Connections initiative. This sponsorship provides exposure on network television, the WGAL website, and select cable networks across Pennsylvania through the Hearst network.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2023	N/A		N/A		Through UGI's sponsorship of the NEF Academy for Natural Gas approximately 130 schools each year receive comprehensive energy education instructional packets. UGI expects to see additional participants to the LIURP program through the Community Connections sponsorship.

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2023	40	\$2,000			\$110,000	\$112,000

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: Conservation Messages On Hold

Proposed Existing

OBJECTIVES:

Provide customers with simple, inexpensive tips for conserving energy and managing their energy bills.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI's call center plays a continuous loop tape with messages and music for customers who are holding to speak to a representative. These tapes are updated every two months with seasonally appropriate messages and tips on conserving energy as well as managing energy bills. UGI also promotes its SaveSmart Energy Efficiency and Conservation program.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2022	N/A				

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2022	40	\$2,000			\$18,000	\$20,000

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: Conservation Messages On Hold Proposed Existing

OBJECTIVES:

Provide customers with simple, inexpensive tips for conserving energy and managing their energy bills.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI's call center plays a continuous loop tape with messages and music for customers who are holding to speak to a representative. These tapes are updated every two months with seasonally appropriate messages and tips on conserving energy as well as managing energy bills. UGI also promotes its SaveSmart Energy Efficiency and Conservation Program.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2023	N/A				

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2023	40	\$2,000			\$18,000	\$20,000

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: K. Iglar

Program: Customer Cares Program

Proposed Existing

OBJECTIVES:

Provide training and guidance to payment-troubled customers, concentrating on energy conservation, budget counseling and fuel assistance. In addition, provide consumers with information and counseling concerning energy conservation measures.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Providing information regarding energy conservation measures, budget counseling, weatherization, fuel assistance programs, and the Low Income Home Energy Assistance Program (LIHEAP). The program is introduced to groups through presentations and workshops. Representatives provide consumers with education materials concerning energy conservation techniques and methods of using energy more efficiently. Educational services are provided, upon request of the agency or group, through presentations to groups such as service clubs and schools, and also by distributing brochures and other conservation-related literature.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2022					

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Est MHs</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2022					\$52,298	\$52,298

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: K. Iglar

Program: Customer Cares Program

Proposed Existing

OBJECTIVES:

Provide training and guidance to payment-troubled customers, concentrating on energy conservation, budget counseling and fuel assistance. In addition, provide consumers with information and counseling concerning energy conservation measures.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Providing information regarding energy conservation measures, budget counseling, weatherization, fuel assistance programs, and the Low Income Home Energy Assistance Program (LIHEAP). The program is introduced to groups through presentations and workshops. Representatives provide consumers with education materials concerning energy conservation techniques and methods of using energy more efficiently. Educational services are provided, upon request of the agency or group, through presentations to groups such as service clubs and schools, and also by distributing brochures and other conservation-related literature.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2023	N/A				

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Est MHs</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2023					\$60,000	\$60,000

DATE OF DEPOSIT

JUN - 1 2023

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: Customer Newsletter – “UGI Connections”

Proposed Existing

OBJECTIVES:

To provide customers with conservation tips, company and industry news, information about rates-related matters, safety suggestions, and other current topics.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI Connections is a two-page newsletter included in every customer’s bill 11 times each year. Designed to update customers on current energy news, *UGI Connections* also provides information on low cost/no cost energy conservation measures and practices, billing practices and rates, as well as safety suggestions and reminders. *UGI Connections* content focuses on conservation, energy efficiency, and community involvement.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2022	N/A		N/A		Bill inserts reach 100% of UGI customers. E-bill customers receive an electronic version of all bill inserts via email.

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			Total
	Estimated Manhours	Labor	Services	Program Info	Misc.	
2022	200	\$20,000	\$40,000		\$20,000	\$80,000

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: Customer Newsletter – “UGI Connections”

Proposed Existing

OBJECTIVES:

To provide customers with conservation tips, company and industry news, information about rates-related matters, safety suggestions, and other current topics.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI Connections is a two-page newsletter included in every customer’s bill 11 times each year. Designed to update customers on current energy news, *UGI Connections* also provides information on low cost/no cost energy conservation measures and practices, billing practices and rates, as well as safety suggestions and reminders. *UGI Connections* content focuses on conservation, energy efficiency, and community involvement.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2023	N/A		N/A		Bill inserts reach 100% of UGI customers. E-bill customers receive an electronic version of all bill inserts via email.

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2023	200	\$20,000	\$40,000		\$30,000	\$90,000

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: A. J. Galczynski

Program: Industrial & Commercial Energy Efficiency Program Proposed Existing

OBJECTIVES:

The Nonresidential Custom program encourages natural gas efficiency in commercial, industrial and multifamily buildings through education, outreach, and financial incentives to overcome market barriers.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Work with commercial and industrial customers to recommend the use of high-efficiency equipment and conservation measures. Evaluate proposed projects for energy savings and cost efficiency and offer appropriate incentives to improve project financials. Qualifying projects include equipment replacement and energy-saving measures in existing facilities as well as efficiency measures that exceed code baseline in new construction.

Provide information and support to architects, engineers, builders and contractors in identifying energy-saving opportunities and applying for incentives on behalf of their customers. Promote gas energy efficiency through presentations and exhibition at industry trade events and meetings.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2022	N/A		82,384		

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2022	4,160	\$401,355			\$19,253	\$420,608

*This program is considered to be informational, therefore, forms IRP-8 and IRP-9 are not required.

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: A. J. Galczynski

Program: Industrial & Commercial Energy Efficiency Program Proposed Existing

OBJECTIVES:

The Nonresidential Custom program encourages natural gas efficiency in commercial, industrial and multifamily buildings through education, outreach, and financial incentives to overcome market barriers.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Work with commercial and industrial customers to recommend the use of high-efficiency equipment and conservation measures. Evaluate proposed projects for energy savings and cost efficiency and offer appropriate incentives to improve project financials. Qualifying projects include equipment replacement and energy-saving measures in existing facilities as well as efficiency measures that exceed code baseline in new construction.

Provide information and support to architects, engineers, builders and contractors in identifying energy-saving opportunities and applying for incentives on behalf of their customers. Promote gas energy efficiency through presentations and exhibition at industry trade events and meetings.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2023	N/A		108,832		

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			Total
	Estimated Manhours	Labor	Services	Program Info	Misc.	
2023	4,160	\$463,330			\$85,960	\$549,290

*This program is considered to be informational, therefore, forms IRP-8 and IRP-9 are not required.

DATE OF DEPOSIT

JUN - 1 2023

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: K. Iglar

Program: Low Income Usage Reduction Program

Proposed Existing

OBJECTIVES:

The objective of this program is to reduce energy use among low income, high usage residential customers. Energy efficiency improvement measures are made to eligible customers' dwellings free of charge. Customers also receive free efficiency counseling to further reduce energy consumption.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

In 2022, 570 homes received weatherization, energy education and UGI inspection.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2022					

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>				
	<u>Est MHs</u>	<u>Labor</u>	<u>Measures</u>	<u>Adm costs/ Educ Matls</u>	<u>Computer Costs</u>	<u>Rehab Pilot</u>	<u>Total</u>
2022	29,931	\$2,208,156	\$1,686,811	\$226,685			\$4,121,652

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: K. Iglar

Program: Low Income Usage Reduction Program

Proposed Existing

OBJECTIVES:

The objective of this program is to reduce energy use among low income, high usage residential customers. Energy efficiency improvement measures are made to eligible customers' dwellings free of charge. Customers also receive free efficiency counseling to further reduce energy consumption.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

During 2023, approximately 471 homes will receive weatherization, energy education, and UGI inspection.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2023					

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>						
	<u>Est MHs</u>	<u>Labor</u>	<u>Measures</u>	<u>Admin Costs/ Educ Matls</u>	<u>Computer Costs</u>	<u>Oil Swap</u>	<u>Rehab Program</u>	<u>Pilot</u>	<u>Total</u>
2023	25,000	\$2,123,882	\$1,622,434	\$218,034					\$3,964,350

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolewicz

Program: Mass Media Advertising

Proposed Existing

OBJECTIVES:

The primary advantage of mass media advertising is that it allows UGI to educate all consumers, including customers as well as non-customers, about the efficiency and cost savings benefits of natural gas over other fuels such as oil, electricity or propane. This information allows consumers to make choices that reduce the use of all energies and save money on individual household bills.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI executed a number of digital and traditional media campaigns. The digital campaigns consisted of digital ads and banners in search engines and social media that were linked to customized landing pages. The traditional campaigns included outdoor advertising, cable and streaming advertising, as well as streaming radio. The goals of the campaign are to educate consumers on the savings when they switch to natural gas and encourage consumers to complete UGI's online natural gas availability form to check for access to gas.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2022	N/A		N/A	N/A	

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2022	0	\$0	\$0	\$0	\$0	\$0*

*UGI did not execute any mass media advertising campaigns in 2022

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolevicz

Program: Mass Media Advertising

Proposed Existing X

OBJECTIVES:

The primary advantage of mass media advertising is that it allows UGI to educate all consumers, including customers as well as non-customers, about the efficiency and cost savings benefits of natural gas over other fuels such as oil, electricity or propane. This information allows consumers to make choices that reduce the use of all energies and save money on individual household bills.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI executed a number of digital and traditional media campaigns. The digital campaigns consisted of digital ads and banners in search engines and social media that were linked to customized landing pages. The traditional campaigns included outdoor advertising, cable and streaming advertising, as well as streaming radio. The goals of the campaign are to educate consumers on the savings when they switch to natural gas and encourage consumers to complete UGI's online natural gas availability form to check for access to gas.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2023	N/A		N/A	N/A	

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2023	0	\$0	\$0	\$0	\$0	\$0*

*UGI does not anticipate executing any mass media advertising campaigns in 2023

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: A. J. Galczynski

Program: Natural Gas Vehicles

Proposed Existing X

OBJECTIVES:

To expedite the use of natural gas as a clean fuel alternative in commercial fleets, transit authorities, municipal fleets, and forklifts by distributing information, performing feasibility studies, providing technical support and offering rebates.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Promote natural gas as a top choice to fuel vehicles since it emits fewer reactive hydrocarbons, carbon monoxide and nitrogen oxides than any other proposed fuel. Natural gas emits virtually no particulates, unlike diesel fuel, and offers a cost savings opportunity for fleet operators. UGI has targeted working with Transportation Authorities and Government fleets on continued and expanded use of Natural Gas Vehicles.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Diesel Gallons</u>	<u>Oil Gallons</u>	
2022	N/A		141,281 per year		Improved Air Quality

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2022	1,872	\$104,617			\$15,693	\$120,310

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: A. J. Galeczynski

Program: Natural Gas Vehicles

Proposed Existing

OBJECTIVES:

To expedite the use of natural gas as a clean fuel alternative in commercial fleets, transit authorities, municipal fleets, and forklifts by distributing information, performing feasibility studies, providing technical support and offering rebates.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Promote natural gas as a top choice to fuel vehicles since it emits fewer reactive hydrocarbons, carbon monoxide and nitrogen oxides than any other proposed fuel. Natural gas emits virtually no particulates, unlike diesel fuel, and offers a cost savings opportunity for fleet operators. UGI has targeted working with Transportation Authorities and Government fleets on continued and expanded use of Natural Gas Vehicles.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Diesel Gallons	Oil Gallons	
2023	N/A		145,520 per year		Improved Air Quality

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			Total
	Estimated Manhours	Labor	Services	Program Info	Misc.	
2023	1,872	\$109,848			\$16,477	\$126,325

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolevicz

Program: Residential Conversion Program – Ahead of Paving/Construction Proposed Existing

OBJECTIVES:

The purpose of this conversion program is to convince existing households along UGI gas mains to switch their current heating equipment to natural gas. This program targets homes situated along existing gas mains where township/municipal paving or UGI construction is already scheduled to occur.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Prior to street construction, homeowners who do not currently heat with natural gas will be mailed information advising them of their opportunity to convert to natural gas. Homeowners will be offered a free service installation if they convert their heating equipment to natural gas. The homeowner must purchase the equipment directly from the contractor of their choice and inform UGI of the need to run a service line prior to the scheduled paving/UGI construction.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2022	N/A		N/A	N/A	82 homeowners expressed interest, 50 converted to natural gas

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	<u>Total</u>
2022	150	\$3,000	\$0	\$2,500	\$0	\$5,500

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolewicz

Program: Residential Conversion Program – Ahead of Paving/Construction Proposed Existing

OBJECTIVES:

The purpose of this conversion program is to convince existing households along UGI gas mains to switch their current heating equipment to natural gas. This program targets homes situated along existing gas mains where township/municipal paving or UGI construction is already scheduled to occur.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Prior to street construction, homeowners who do not currently heat with natural gas will be mailed information advising them of their opportunity to convert to natural gas. Homeowners will be offered a free service installation if they convert their heating equipment to natural gas. The homeowner must purchase the equipment directly from the contractor of their choice and inform UGI of the need to run a service line prior to the scheduled paving/UGI construction.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2023	N/A		N/A	N/A	Estimating 75 homeowners will express interest, 50 will convert to natural gas

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			Total
	Estimated Manhours	Labor	Services	Program Info	Misc.	
2023	150	\$3,000	\$0	\$2,500	\$0	\$5,500

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolevicz

Program: Residential Upgrade Program – Added Load Proposed Existing

OBJECTIVES:

The purpose of this conversion program is to increase appliance saturation of existing residential customers. This program will target residential non-heating customers to encourage them to convert to heating as well as residential heating customers with seasonal load only to encourage them to convert their water heater to natural gas.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Qualifying existing customers will be sent a series of emails advertising the program and offering them a gift card incentive to convert their water heater or home heating equipment to natural gas during the program period.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2022	N/A		N/A	N/A	

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2022	0	\$0	\$0	\$0	\$0	\$0*

*UGI did not offer an Added Load Program in 2022.

DATE OF DEPOSIT

JUN - 1 2023

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: T. Ciesnolevicz

Program: Residential Upgrade Program – Added Load Proposed Existing

OBJECTIVES:

The purpose of this conversion program is to increase appliance saturation of existing residential customers. This program will target residential non-heating customers to encourage them to convert to heating as well as residential heating customers with seasonal load only to encourage them to convert their water heater to natural gas.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Qualifying existing customers will be sent a series of emails advertising the program and offering them a gift card incentive to convert their water heater or home heating equipment to natural gas during the program period.

ACTUAL AND/OR ANTICIPATED RESULTS:

Year	Peak Load Reduction KW	Energy Savings			Other Results
		Electric MWH	Gas MCF	Oil Gallons	
2023	N/A		N/A	N/A	

MONETARY AND PERSONNEL RESOURCES:

Year	Personnel		Categorized Program Expenses			
	Estimated Manhours	Labor	Services	Program Info	Misc.	Total
2023	0	\$0	\$0	\$0	\$0	\$0*

*UGI does not anticipate offering an Added Load Program in 2023.

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: UGI Website

Proposed Existing X

OBJECTIVES:

Disseminate conservation tips to a wide range of customers and non-customers throughout UGI's service territory.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI has provided energy conservation and savings tips since the UGI website was launched. In 2015, UGI introduced the "UGI Save Smart" section which features energy saving tips and energy saving conservation programs. Enhanced information is added to the site as deemed necessary. The section of the site includes information on the UGI Energy Efficiency and Conservation program that provides rebates for the installation of high-efficiency equipment. Inclusion of that information is instrumental in driving viewers to the section of the site.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2022	N/A	N/A	N/A	N/A	

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2022	200	\$20,000	\$60,000			\$80,000

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: UGI Website

Proposed Existing X

OBJECTIVES:

Disseminate conservation tips to a wide range of customers and non-customers throughout UGI's service territory.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

UGI has provided energy conservation and savings tips since the UGI website was launched. In 2015, UGI introduced the "UGI Save Smart" section which features energy saving tips and energy savings conservation programs. Enhanced information is added to the site as deemed necessary. The section of the site includes information on the UGI Energy Efficiency and Conservation program that provides rebates for the installation of high-efficiency equipment. Inclusion of that information is instrumental in driving viewers to the section of the site. The site is monitored and updated on a regular basis. UGI also issued several news releases designed to generate interest in the program and direct customers to the website.

ACTUAL AND/OR ANTICIPATED RESULTS:

<u>Year</u>	<u>Peak Load Reduction KW</u>	<u>Energy Savings</u>			<u>Other Results</u>
		<u>Electric MWH</u>	<u>Gas MCF</u>	<u>Oil Gallons</u>	
2023	N/A	N/A	N/A	N/A	

MONETARY AND PERSONNEL RESOURCES:

<u>Year</u>	<u>Personnel</u>		<u>Categorized Program Expenses</u>			<u>Total</u>
	<u>Estimated Manhours</u>	<u>Labor</u>	<u>Services</u>	<u>Program Info</u>	<u>Misc.</u>	
2023	200	\$20,000	\$60,000			\$80,000

Form IRP-GAS-6. Energy Users Impacts
2022

Company: **UGI Utilities, Inc.-Gas Division**

Energy Users	Number of Customers (Year End)	Annual Energy Consumption (MWH or MCF)	Conservation Impact (MW Reduction or MWH/MCF Savings)	
			Target	Actual
Residential (Heating)	519,589	44,352,910		
Residential (Other)	23,338	362,446		
Commercial	49,545	17,646,308		
Industrial	716	909,928		
Street Lighting				
Railroads				
Resale				
Interruptible	0	0		
Subtotal	593,188	63,271,591		
Other (Specify):				
- Delivery Service (Including Choice)	96,456	257,168,030		
Total Gas Used - Both Gas Sold by UGI and Gas Delivered by UGI	689,644	320,439,621		

Delivery Service customers receive gas through either firm or interruptible transportation service.

Form RP-GAS-7 Program Summary
2022

Company: UGI Utilities, Inc. - Gas Division

	Peak Load Reduction	Energy Use Change	Allocated Manhours	Categorized Program Expenses					Total
				Labor	Serv.	Prog. Info.	Misc.		
Apartment Program	N/A	N/A	2	\$75	\$0	\$0	\$123,875	\$123,950	
Cogeneration/Distributed Generation	185,021 KW	N/A	1,550	\$87,181	\$0	\$0	\$13,077	\$100,258	
Commercial & Industrial Newsletters/Public Events	N/A	N/A	1,500	\$63,000	\$0,000	\$4,800	\$30,000	\$103,800	
Commercial Conversion Campaign	N/A	N/A	-	\$0	\$0	\$0	\$0	\$0	
Conservation Education & Tools	N/A	N/A	20	\$1,000	\$0	\$0	\$11,000	\$12,000	
Conservation Messages On Hold	N/A	N/A	40	\$2,000	\$0	\$0	\$18,000	\$20,000	
Customer Care Program	N/A	N/A	-	\$0	\$0	\$0	\$32,298	\$32,298	
Customer Newsletter - "UGI Connections"	N/A	N/A	200	\$20,000	\$40,000	\$0	\$20,000	\$80,000	
Industrial & Commercial Energy Efficiency Program	N/A	82,384 Mcf	4,100	\$401,355	\$0	\$0	\$19,253	\$420,608	
Low Income Usage Reduction Program	N/A	N/A	29,831	\$2,208,158	\$1,686,811	\$226,685	\$0	\$4,121,652	
Mass Media Advertising	N/A	N/A	-	\$0	\$0	\$0	\$0	\$0	
Natural Gas Vehicles	N/A	141,281 Diesel Gal.	1,872	\$104,617	\$0	\$0	\$15,693	\$120,310	
Residential Conversion Program - Ahead of Paving/Construction	N/A	N/A	150	\$3,000	\$0	\$2,500	\$0	\$5,500	
Residential Upgrade Program - Added Load	N/A	N/A	-	\$0	\$0	\$0	\$0	\$0	
UGI Website	N/A	N/A	200	\$20,000	\$50,000	\$0	\$0	\$80,000	
TOTAL			39,835	\$2,910,394	\$1,792,811	\$233,685	\$303,168	\$5,240,378	

DATE OF DEPOSIT

JUN - 1 2023

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Form IRP-GAS-7 Program Summary
2023

Company: UGI Utilities, Inc. - Gas Division

	Peak Load Reduction	Energy Use Change	Allocated Manhours	Categorized Program Expenses				
				Labor	Serv.	Prog. Info.	Misc.	Total
Apartment Program	N/A	N/A	2	\$76	\$0	\$0	\$82,000	\$82,076
Cogeneration/Distributed Generation	187,621 KW	N/A	1,680	\$91,540	\$0	\$0	\$13,731	\$105,271
Commercial & Industrial Newsletters/Public Events	N/A	N/A	1,500	\$88,150	\$4,000	\$4,800	\$30,000	\$106,950
Commercial Conversion Campaign	N/A	N/A	-	\$0	\$0	\$0	\$0	\$0
Conservation Education & Tools	N/A	N/A	40	\$2,000	\$0	\$0	\$110,000	\$112,000
Conservation Messages On Hold	N/A	N/A	40	\$2,000	\$0	\$0	\$18,000	\$20,000
Customer Care Program	N/A	N/A	-	\$0	\$0	\$0	\$80,000	\$80,000
Customer Newsletter - "UGI Connections"	N/A	N/A	200	\$20,000	\$40,000	\$0	\$30,000	\$90,000
Industrial & Commercial Energy Efficiency Program	N/A	108,832 Mcf	4,180	\$483,330	\$0	\$0	\$85,960	\$569,290
Low Income Usage Reduction Program	N/A	N/A	25,000	\$2,123,882	\$1,622,434	\$218,034	\$0	\$3,964,350
Mass Media Advertising	N/A	N/A	-	\$0	\$0	\$0	\$0	\$0
Natural Gas Vehicles	N/A	145,520 Diesel Gals.	1,872	\$109,848	\$0	\$0	\$16,477	\$126,325
Residential Conversion Program - Ahead of Paving/Construction	N/A	N/A	150	\$3,000	\$0	\$2,500	\$0	\$5,500
Residential Upgrade Program - Added Load	N/A	N/A	-	\$0	\$0	\$0	\$0	\$0
UGI Website	N/A	N/A	200	\$20,000	\$60,000	\$0	\$0	\$80,000
TOTAL			34,724	\$2,901,825	\$1,728,434	\$225,334	\$456,188	\$8,311,761

DATE OF DEPOSIT

JUN - 1 2023

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

FORM IRP-GAS-8. COST-BENEFIT ANALYSIS RESULTS

COMPANY: UGI Utilities Inc. - Gas Division
 PROGRAM: 2022 Low Income Usage Reduction Program
 CONTACT: Kathleen Iqlar

Period of Analysis		Total Utility Benefits (Bu)	Total Utility Costs (Cu)	Revenue Reduction Cost (Cr)	Participant Revenue Requirement (Rp)	Total Participant Benefits (Bp)	Total Participant Costs (Cp)	Total All Ratepayers Benefits (Ba)	Total All Ratepayers Costs (Ca)
Beginning Year	Ending Year	\$	\$	\$	\$	\$	\$	\$	\$
2022	2039	7,029,005	2,623,961	10,646,576	N/A	12,359,703	0	7,380,821	2,623,961

Discounted Payback Period	Net Present Value				Benefit-Cost Ratio				Rate Impact Non-Participant
	Participant (NPVp)	Non-Participant (NPVnp)	Utility (NPVu)	Ratepayers (NPVa)	Participant (BCRp)	Non-Participant (BCRnp)	Utility (BCRu)	Ratepayers (BCRa)	(RiMnp) \$/MCF
N/A	12,359,703	(6,207,134)	4,405,044	4,756,860	N/A	0.5	2.7	2.8	\$0.10

Bu = Total Utility Benefits from avoided marginal energy costs. NPV of (MCE*E).
 Cu = Total Utility Program Costs excluding direct incentives.
 Cr = Cost of Revenue Reduction from Participants. NPV of [(E*ACE)-UA].
 Rp = Participant Portion of Gross Revenue Requirement - can be ignored if < 0.5% of system sales.
 Bp = Total Participant Benefits. NPV of (E*ACE)+TC+I.
 Cp = Total Participant Costs.
 Ba = Total All Ratepayers' Benefits. NPV of (E*MCE)+UA
 Ca = Total All Ratepayers' Cost. NPV of UC+(PC-TC)
 NPVp = Bp-Cp
 BCRp = Bp/Cp
 NPVnp = (1-f)(Bu-Cu-Cr-CI)
 BCRnp = Bu/(Cu+C+CI)
 NPVu = Bu-Cu
 BCRu = Bu/Cu
 NPVa = Ba-Ca
 BCRa = Ba/Ca
 RiMnp = (Cu+C+CI-Bu)/S

DATE OF DEPOSIT
 JUN - 1 2023
 PA PUBLIC UTILITY COMMISSION
 SECRETARY'S BUREAU

CERTIFICATE OF SERVICE

I hereby certify that I have, this 1st day of June, 2023, served a true and correct copy of the foregoing documents in the manner and upon the persons listed below in accordance with requirements of 52 Pa. Code §1.54 (relating to service by a participant):

VIA E-MAIL

Richard Kanaski, Esquire
Director and Chief Prosecutor
Bureau of Investigation and Enforcement
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120
rkanaski@pa.gov

Patrick M. Cicero, Esq.
Acting Consumer Advocate
Office of Consumer Advocate
555 Walnut St.
5th Floor
Harrisburg, PA 17101
pcicero@paoca.org

NazAarah Sabree, Esquire
Small Business Advocate
Office of Small Business Advocate
555 Walnut Street
1st Floor
Harrisburg, PA 17101
ra-sba@pa.gov

DATE OF DEPOSIT

JUN - 1 2023

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU



Dated: June 1, 2023

Sherry A. Epler
Sr. Mgr. - Tariff and Supplier Administration

ORIGIN ID: BOWA (717) 951-9875
MELISSA CONKLIN
UGI UTILITIES, INC.
12143 MAPLE RIDGE DRIVE

SHIP DATE: 01JUN23
ACTWGT: 1.00 LB
CAD: 114180945/NET4810

PARRISH, FL 34219
UNITED STATES US

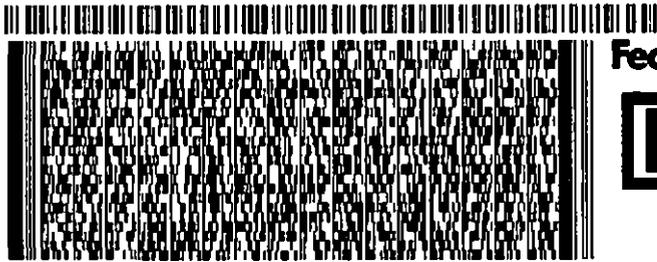
BILL SENDER

TO ROSEMARY CHIAVETTA, SECRETARY
PA PUBLIC UTILITY COMMISSION
COMMONWEALTH KEYSTONE BLDG.
400 NORTH STREET - 2ND FLOOR NORTH
HARRISBURG PA 17120

583.029ABFEZD

(610) 798-3417
INV.
PO

REF: ANNUAL IRP REPORT
DEPT:



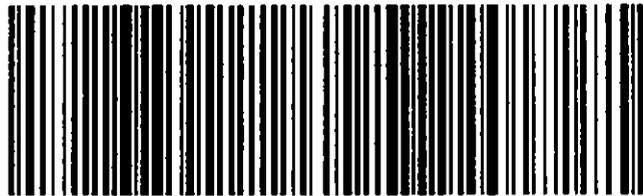
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SECRETARY'S BUREAU

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