



UGI Utilities, Inc.
2525 North 12th Street
Suite 360
Post Office Box 12677
Reading, PA 19612-2677
1-800-276-2722

June 1, 2015

VIA FEDERAL EXPRESS

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

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JUN - 1 2015

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

M-2015-2460711

RE: Annual Resource Planning Report – UGI Utilities, Inc. (UGI)

Dear Secretary Chiavetta:

In accordance with 52-Pa. Code §59.81 - 59.84, UGI hereby files the Annual Resource Planning Report. All questions concerning this information can be directed to me at 610-796-3520. Copies of this filing have been served upon the Office of Consumer Advocate and the Office of Small Business Advocate.

Very truly yours,

David E. Lahoff
Manager – Tariff & Supplier Administration

Enclosures: (1) Original
(7) Copies
(1) Disk

VIA FEDERAL EXPRESS

cc: Darren Gill, Deputy Director
Pennsylvania Public Utility Commission
Bureau of Technical Utility Services
Commonwealth Keystone Bldg.
400 North Street
Harrisburg, PA 17120

Tanya J. McCloskey, Esq.
Acting Consumer Advocate
Office of Consumer Advocate
555 Walnut St.
5th Floor
Harrisburg, PA 17101

John R. Evans
Small Business Advocate
Office of Small Business Advocate
300 North Second Street, Suite 202
Harrisburg, PA 17101

bcc: S. Epler
M. Fessler
L. Harris
S. Hart
C. Jones
A. Key
D. Lahoff
D. Leuffen
M. Morrow
K. Murphy
P. Szykman

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

| | Current Year | Three Year Forecast | | |
|-------------------------------|--------------|---------------------|-----------|-----------|
| Index Year Actual Year | 0 2015 | 1 2016 | 2 2017 | 3 2018 |
| Gas Supply: | | | | |
| System Supply | 44,954 | 41,985 | 42,859 | 43,952 |
| Transportation | 94,998 | 95,207 | 95,751 | 95,542 |
| TOTAL GAS SUPPLY | 139,952 | 137,192 | 138,610 | 139,494 |
| Requirements: | | | | |
| System Sales | 30,496 | 31,678 | 32,552 | 33,645 |
| Transportation | 94,998 | 95,207 | 95,751 | 95,542 |
| Load Deductions | (14,458) | (10,307) | (10,307) | (10,307) |
| TOTAL GAS REQUIREMENTS | 139,952 | 137,192 | 138,610 | 139,494 |
| Surplus(Deficiency) | 0 | 0 | 0 | 0 |

Appendix A: Page 10

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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

| | Current Year | Three Year Forecast | | |
|-------------------------------|--------------|---------------------|-----------|-----------|
| Index Year Actual Year | 0 2015 | 1 2016 | 2 2017 | 3 2018 |
| Gas Supply: | | | | |
| System Supply | 324 | 483 | 488 | 494 |
| Transportation | 377 | 242 | 242 | 242 |
| TOTAL GAS SUPPLY | 702 | 724 | 730 | 735 |
| Requirements: | | | | |
| System Sales | 282 | 311 | 313 | 316 |
| Transportation | 369 | 413 | 416 | 420 |
| Load Deductions | (51) | 0 | 0 | 0 |
| TOTAL GAS REQUIREMENTS | 702 | 724 | 730 | 735 |
| Surplus(Deficiency) | 0 | 0 | 0 | 0 |

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Form IRP-GAS-5. Program Description

JUN - 1 2015

Company: UGI Utilities, Inc.
Contact: J. Swope
Program: Conservation Messages On Hold

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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.

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> | |
| 2014 | 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> | |
| 2014 | 20 | \$1,000 | | | \$6,000 | \$7,000 |

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.

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> | |
| 2015 | 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> | |
| 2015 | 20 | \$1,000 | | | \$6,000 | \$7,000 |

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 also provides a convenient link to an online energy audit tool.

ACTUAL AND/OR ANTICIPATED RESULTS:

| Year | Peak Load Reduction KW | Energy Savings | | | Other Results |
|------|---------------------------|-----------------|------------|----------------|--|
| | | Electric MWH | Gas MCF | Oil Gallons | |
| 2014 | 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. |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | |
|------|-----------------------|-------|------------------------------|-----------------|----------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | Total |
| 2014 | 10 | \$500 | | | \$10,000 | \$10,500 |

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 also provides a convenient link to an online energy audit tool.

ACTUAL AND/OR ANTICIPATED RESULTS:

| Year | Peak Load Reduction KW | Energy Savings | | | Other Results |
|------|---------------------------|-----------------|------------|----------------|--|
| | | Electric MWH | Gas MCF | Oil Gallons | |
| 2015 | 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. |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | |
|------|-----------------------|-------|------------------------------|-----------------|----------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | Total |
| 2015 | 10 | \$500 | | | \$10,000 | \$10,500 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: Customer Newsletter – “*The Gasline*”

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:

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

ACTUAL AND/OR ANTICIPATED RESULTS:

| Year | Peak Load Reduction KW | Energy Savings | | | Other Results |
|------|---------------------------|-----------------|------------|----------------|---|
| | | Electric MWH | Gas MCF | Oil Gallons | |
| 2014 | N/A | | N/A | | Bill inserts reach 100% of UGI customers. E-bill customers receive an electronic version of all bill inserts. |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | Total |
|------|-----------------------|----------|------------------------------|-----------------|----------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | |
| 2014 | 100 | \$10,000 | \$18,000 | | \$12,000 | \$40,000 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: Customer Newsletter -- "*The Gasline*"

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:

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

ACTUAL AND/OR ANTICIPATED RESULTS:

| Year | Peak Load Reduction KW | Energy Savings | | | Other Results |
|------|---------------------------|-----------------|------------|----------------|---|
| | | Electric MWH | Gas MCF | Oil Gallons | |
| 2015 | N/A | | N/A | | Bill inserts reach 100% of UGI customers. E-bill customers receive an electronic version of all bill inserts. |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | Total |
|------|-----------------------|----------|------------------------------|-----------------|----------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | |
| 2015 | 100 | \$10,000 | \$18,000 | | \$12,000 | \$40,000 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: Y. Belfort

Program: Low Income Usage Reduction Program

Proposed Existing

OBJECTIVES:

The objective of this program is to reduce energy use among low income, high arrearage 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 2014, 88 homes received weatherization, energy education and UGI inspection. In addition, pilot projects continued in conjunction with the Community Based Organizations.

ACTUAL AND/OR ANTICIPATED RESULTS:

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | | | | Total |
|------|--------------------|-----------|------------------------------|----------------------------|----------------|----------|-------------|-------------------|-----------|
| | Estimated Manhours | Labor | Measures | Adm costs/ Educ Mats | Computer Costs | Oil Swap | Rehab Pilot | Conser- vation | |
| 2014 | 4,725 | \$236,270 | \$191,078 | \$96,775 | | \$0 | \$5,553 | \$0 | \$529,676 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: Y. Belfort

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:

| Year | Peak Load Reduction KW | Energy Savings | | | Other Results |
|------|---------------------------|-----------------|------------|----------------|------------------|
| | | Electric MWH | Gas MCF | Oil Gallons | |
| 2014 | N/A | | | | |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | Total |
|------|-----------------------|----------|------------------------------|-----------------|----------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | |
| 2014 | 2,281 | \$27,371 | | \$5,654 | \$36,977 | \$70,002 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: Y. Belfort

Program: Customer Cares Program

Proposed Existing X

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> | |
| 2015 | 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> | |
| 2015 | | | | | | \$60,000 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: D.R. Leuffen

Program: Residential Conversion Program – Ahead of Construction Proposed Existing

OBJECTIVES:

The purpose of this conversion program is to convince existing households that use gas for purposes other than heating to switch their current heating system to natural gas. This program will also target homes situated along existing gas mains where UGI construction activity is already scheduled to occur.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Two months prior to street construction homeowners who do not currently heat with natural gas will be mailed information advising them of a limited time rebate available for converting to natural gas heating. Homeowners will be offered a \$1,000 rebate if they convert to natural gas heating and \$1,200 if they convert to gas heating and water heating. The homeowner must purchase the equipment directly from the contractor of their choice and inform UGI of the need to run a service line during the specified construction period.

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> | |
| 2014 | N/A | 0 | | 0 | |

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> |
| 2014 | 300 | \$6,000 | \$0 | \$5,000 | \$115,500 | \$126,500 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: D.R. Leuffen

Program: Residential Conversion Program – Ahead of Construction Proposed Existing

OBJECTIVES:

The purpose of this conversion program is to convince existing households that use gas for purposes other than heating to switch their current heating system to natural gas. This program will also target homes situated along existing gas mains where UGI construction activity is already scheduled to occur.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Two months prior to street construction homeowners who do not currently heat with natural gas are mailed information advising them of a limited time rebate available for converting to natural gas heating. Homeowners will be offered a free service installation if they convert to gas heating. The homeowner must purchase the equipment directly from the contractor of their choice and inform UGI of the need to run a service line during the specified construction period.

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> | |
| 2015 | N/A | 0 | | 0 | |

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> |
| 2015 | 300 | \$6,000 | \$0 | \$5,000 | \$0 | \$11,000 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: D.R. Leuffen

Program: Residential Conversion Program – Ahead of Paving Proposed Existing

OBJECTIVES:

The purpose of this conversion program is to convince existing households that use gas for purposes other than heating to switch their current heating system to natural gas. This pilot program will also target homes situated along existing gas mains where township or municipal paving is already scheduled to occur.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Two months prior to street construction homeowners who do not currently heat with natural gas will be mailed information advising them of a limited time rebate available for converting to natural gas heating. Homeowners will be offered a \$400 rebate if they convert to natural gas heating and \$600 if they convert to gas heating and water heating. 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.

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> | |
| 2014 | N/A | 0 | | 0 | |

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> |
| 2014 | 100 | \$2,000 | \$0 | \$1,000 | \$21,000 | \$24,000 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: D.R. Leuffen

Program: Residential Conversion Program – Ahead of Paving Proposed Existing

OBJECTIVES:

The purpose of this conversion program is to convince existing households that use gas for purposes other than heating to switch their current heating system to natural gas. This program will also target homes situated along existing gas mains where township or municipal paving is already scheduled to occur.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Two months prior to street construction homeowners who do not currently heat with natural gas will be mailed information advising them of a limited time rebate available for converting to natural gas heating. Homeowners will be offered a free service if they convert to gas heating. 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.

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> | |
| 2015 | N/A | 0 | | 0 | |

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> |
| 2015 | 100 | \$2,000 | \$0 | \$1,000 | \$0 | \$3,000 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: D.R. Leuffen

Program: Apartment Conversion Program

Proposed Existing X

OBJECTIVES:

The purpose of this conversion program is to convince apartment owners/managers to convert their existing heating systems to clean, efficient natural gas heat. Apartments heated by electricity or propane and situated along a natural gas main are targeted.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Apartment owners are offered a rebate on the purchase and installation of natural gas heating equipment. Up to \$500/residential unit may be offered for individual heating systems or up to \$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 | |
| 2014 | N/A | 0 | | 0 | |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | |
|------|-----------------------|---------|------------------------------|-----------------|-----------|-----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | Total |
| 2014 | 100 | \$2,000 | \$0 | \$500 | \$105,000 | \$107,500 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: D.R. Leuffen

Program: Apartment Conversion Program

Proposed Existing

OBJECTIVES:

The purpose of this conversion program is to convince apartment owners/managers to convert their existing heating systems to clean, efficient natural gas heat. Apartments heated by electricity or propane and situated along a natural gas main are targeted.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Apartment owners are offered a rebate on the purchase and installation of natural gas heating equipment. Up to \$500/residential unit may be offered for individual heating systems or up to \$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 | |
| 2015 | N/A | 0 | | 0 | |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | |
|------|-----------------------|---------|------------------------------|-----------------|----------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | Total |
| 2015 | 200 | \$4,000 | \$0 | \$500 | \$50,000 | \$54,500 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: M.D. Powell

Program: Industrial & Commercial Energy Efficiency Program Proposed Existing

OBJECTIVES:

Industrial and Commercial Energy Utilization Representatives meet routinely with customers and engineering design professionals to assist in identifying efficiency improvements to reduce energy consumption. The representatives offer energy audits, load management, and rate design options. Energy-related seminars and information are also available via company sponsorship and participation in various trade shows and meetings.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Work with 1,550 industrial and over 30,000 commercial customers to recommend the use of high efficiency equipment and conservation measures.

Provide equipment information to architects, engineers and builders through newsletters featuring new equipment, personal contacts, and updates to UGI's Gas Design Manual. The results are improved designs that utilize high efficiency equipment in new and remodeled buildings.

UGI co-sponsors a gas equipment show with five other Delaware Valley gas utilities. Modern high-efficiency equipment is showcased. In addition to vendor displays, educational seminars emphasizing modern conservation techniques are presented. UGI also sponsors an annual seminar for local design professionals on a variety of subjects including, Indoor Air Quality, energy efficiency, and new gas technologies.

ACTUAL AND/OR ANTICIPATED RESULTS:

| Year | Peak Load Reduction KW | Energy Savings | | | Other Results |
|------|---------------------------|-----------------|------------|----------------|------------------|
| | | Electric MWH | Gas MCF | Oil Gallons | |
| 2014 | N/A | | 63,888 | | |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | Total |
|------|-----------------------|-----------|------------------------------|-----------------|----------|-----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | |
| 2014 | 6,000 | \$172,346 | | \$2,500 | \$16,000 | \$190,846 |

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: M.D. Powell

Program: Industrial & Commercial Energy Efficiency Program Proposed Existing

OBJECTIVES:

Industrial and Commercial Energy Utilization Representatives meet routinely with customers and engineering design professionals to assist in identifying efficiency improvements to reduce energy consumption. The representatives offer energy audits, load management, and rate design options. Energy-related seminars and information are also available via company sponsorship and participation in various trade shows and meetings.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Work with 1,550 industrial and over 30,000 commercial customers to recommend the use of high efficiency equipment and conservation measures.

Provide equipment information to architects, engineers and builders through newsletters featuring new equipment, personal contacts, and updates to UGI's Gas Design Manual. The results are improved designs that utilize high efficiency equipment in new and remodeled buildings.

UGI co-sponsors a gas equipment show with five other Delaware Valley gas utilities. Modern high-efficiency equipment is showcased. In addition to vendor displays, educational seminars emphasizing modern conservation techniques are presented. UGI also sponsors an annual seminar for local design professionals on a variety of subjects including, Indoor Air Quality, energy efficiency, and new gas technologies.

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> | |
| 2015 | N/A | | 63,888 | | |

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> | |
| 2015 | 6,000 | \$206,820 | | \$2,500 | \$16,000 | \$225,320 |

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: M.D. Powell

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* | |
| 2014 | 2,000 | | | 1,280,000/yr | Cogeneration will reduce wasted energy inherent in conventional boilers and oil-fired electric generating equipment |

*Assuming #6 oil is burned at the power plant.

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | |
|------|-----------------------|----------|------------------------------|-----------------|----------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | Total |
| 2014 | 2,000 | \$59,179 | | | \$10,000 | \$69,179 |

Installation grants for small systems.

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: M.D. Powell

Program: Cogeneration/Distributed Generation

Proposed Existing X

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* | |
| 2015 | 2,000 | | | 1,280,000/yr | Cogeneration will reduce wasted energy inherent in conventional boilers and oil-fired electric generating equipment |

*Assuming #6 oil is burned at the power plant.

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | |
|------|-----------------------|----------|------------------------------|-----------------|----------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | Total |
| 2015 | 2,000 | \$68,940 | | | \$10,000 | \$78,940 |

Installation grants for small systems.

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: M.D. Powell

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 fork lifts by distributing information, doing feasibility studies, providing technical support and offering rebates.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Of the alternative fuels identified to satisfy the requirements of the Clean Air Act, natural gas is the best choice. Natural gas emits fewer reactive hydrocarbons, carbon monoxide and nitrogen oxides than any other proposed fuel. Natural gas emits virtually no particulates, unlike diesel fuel. At approximately \$1.60 per equivalent gallon, natural gas represents a cost savings opportunity for fleet operators. Furthermore, using natural gas as a vehicle fuel significantly reduces America's dependence on imported oil. 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 | |
| 2014 | N/A | | 14,500/yr | | Improved Air Quality |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | |
|------|-----------------------|----------|------------------------------|-----------------|---------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | Total |
| 2014 | 1300 | \$15,693 | | \$0 | \$5,000 | \$20,693 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: M.D. Powell

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 fork lifts by distributing information, doing feasibility studies, providing technical support and offering rebates.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Of the alternative fuels identified to satisfy the requirements of the Clean Air Act, natural gas is the best choice. Natural gas emits fewer reactive hydrocarbons, carbon monoxide and nitrogen oxides than any other proposed fuel. Natural gas emits virtually no particulates, unlike diesel fuel. At approximately \$1.80 per equivalent gallon, natural gas represents a cost savings opportunity for fleet operators. Furthermore, using natural gas as a vehicle fuel significantly reduces America's dependence on imported oil. 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 | |
| 2015 | N/A | | 14,500 / yr. | | Improved Air Quality |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | |
|------|-----------------------|----------|------------------------------|-----------------|---------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | Total |
| 2015 | 1300 | \$17,235 | | | \$5,000 | \$22,235 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: M.D. Powell

Program: Underground Storage Tank Removal

Proposed Existing

OBJECTIVES:

To promote the removal of underground storage tanks to industrial and commercial customers, non-customers, and engineering design professionals. Sales representatives meet with customers, non-customers and design professionals to assist them in identifying applications and equipment which would provide energy and cost savings by utilizing natural gas and replacing alternative fuels. Target advertising, seminars and brochures are used to distribute this information.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Work with over 1,550 industrial and 30,000 commercial customers to recommend cost- and energy-efficient improvements in heating, water heating, cooking and process applications when conversions are made from alternate fuels to natural gas. Sales representatives meet with non-customers identified by the sales representative or identified by a response to advertising, seminar attendance or contact with design professionals. These conversions are generally from oil to natural gas, and the storage tanks and alternate energy utilization equipment are permanently placed out of service. This reduces imported oil use, promotes cleaner air and minimizes potential underground pollution by reducing the number of underground storage tanks.

ACTUAL AND/OR ANTICIPATED RESULTS:

| Year | Peak Load Reduction KW | Energy Savings | | | Other Results |
|------|---------------------------|-----------------|------------|----------------|---------------|
| | | Electric MWH | Gas MCF | Oil Gallons | |
| 2014 | N/A | | | 500,000 gal/yr | |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | Total |
|------|-----------------------|----------|------------------------------|-----------------|---------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | |
| 2014 | 400 | \$11,561 | | | \$8,000 | \$19,561 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: M.D. Powell

Program: Underground Storage Tank Removal **Proposed Existing**

OBJECTIVES:

To promote the removal of underground storage tanks to industrial and commercial customers, non-customers, and engineering design professionals. Sales representatives meet with customers, non-customers and design professionals to assist them in identifying applications and equipment which would provide energy and cost savings by utilizing natural gas and replacing alternative fuels. Target advertising, seminars and brochures are used to distribute this information.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Work with over 1,550 industrial and 30,000 commercial customers to recommend cost- and energy-efficient improvements in heating, water heating, cooking and process applications when conversions are made from alternate fuels to natural gas. Sales representatives meet with non-customers identified by the sales representative or identified by a response to advertising, seminar attendance or contact with design professionals. These conversions are generally from oil to natural gas, and the storage tanks and alternate energy utilization equipment are permanently placed out of service. This reduces imported oil use, promotes cleaner air and minimizes potential underground pollution by reducing the number of underground storage tanks.

ACTUAL AND/OR ANTICIPATED RESULTS:

| Year | Peak Load Reduction KW | Energy Savings | | | Other Results |
|------|---------------------------|-----------------|------------|----------------|---------------|
| | | Electric MWH | Gas MCF | Oil Gallons | |
| 2015 | N/A | | | 500,000 gal/yr | |

MONETARY AND PERSONNEL RESOURCES:

| Year | Personnel | | Categorized Program Expenses | | | Total |
|------|-----------------------|----------|------------------------------|-----------------|---------|----------|
| | Estimated Manhours | Labor | Services | Program Info | Misc. | |
| 2015 | 400 | \$13,788 | | | \$8,000 | \$21,788 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: M.D. Powell

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 subscribes to Gas Technology magazine and distributes copies quarterly to area design professionals. This publication promotes 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* | |
| 2014 | 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. | |
| 2014 | 800 | \$26,264 | \$3,000 | | \$15,000 | \$44,624 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: M.D. Powell

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 subscribes to Gas Technology magazine and distributes copies quarterly to area design professionals. This publication promotes 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.

UGI partners with America's Natural Gas Alliance to host the Think About Energy Briefings, which focuses on the discussion of natural gas supplies, production, consumption and infrastructure. The Briefings are held 3-4 times per year and held at various locations across UGI's territory. The event is open to the business community, and both legislative and PUC officials.

ACTUAL AND/OR ANTICIPATED RESULTS:

| Year | Peak Load Reduction KW | Energy Savings | | | Other Results |
|------|--|-----------------|------------|-----------------|---------------|
| | | Electric MWH | Gas MCF | Oil Gallons* | |
| 2015 | 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. | |
| 2015 | 800 | \$27,576 | \$3,000 | | \$15,000 | \$45,576 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: D. Leuffen

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:

In 2014, UGI developed a developed a TV commercial with the theme of “Be a Winner” which aired on NBC stations during the winter Olympics. The campaign was supported by online advertising and social media outreach. The goals of this 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> | |
| 2014 | N/A | 0 | | 0 | |

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> | |
| 2014 | 50 | \$2,000 | \$25,000 | | \$80,000 | \$107,000 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: D. R. Leuffen

Program: HVAC Trade Allies

Proposed __ Existing **X**

OBJECTIVES:

UGI's Partner Program is intended to increase ease of access to local HVAC contractors who can install and service high-efficiency gas equipment.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Both existing and prospective customers are given access to a contractor locator tool on UGI's website. Contractors are provided with tools and information on fuel costs and efficiencies. Contractors who are invited to participate in the program must also be approved under Pennsylvania's Keystone HELP Program to insure that customers have access to low-interest loans for energy efficient equipment purchases.

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> | |
| 2014 | 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> | |
| 2014 | N/A | | | | | N/A |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: D. R. Leuffen

Program: HVAC Trade Allies

Proposed Existing

OBJECTIVES:

UGI's Partner Program is intended to increase ease of access to local HVAC contractors who can install and service high-efficiency gas equipment.

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

Both existing and prospective customers have access to a contractor locator tool on UGI's website. Contractors are provided with tools and information on fuel costs and efficiencies. Contractors who offer PowerSaver Plus loans are noted on the website to insure that customers have access to low-interest loans for energy efficient equipment purchases.

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> | |
| 2015 | 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> | |
| 2015 | N/A | | | | | N/A |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: UGI Website

Proposed Existing

OBJECTIVES:

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

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

In 2012, UGI developed and introduced a character, "The Energy Guy at UGI", to convey conservation and energy education information as part of a branding campaign. The Energy Guy at UGI provides a host of energy saving tips and is featured on www.ugi.com. UGI had enhanced energy education sections previously by including an interactive energy cost calculator. In 2014, UGI launched an updated and expanded children's section of the website that introduced energy basics, safety and conservation information and included educational activities.

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> | |
| 2014 | 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> | |
| 2014 | 150 | \$20,000 | \$55,000 | | | \$75,000 |

Form IRP-GAS-5. Program Description

Company: UGI Utilities, Inc.

Contact: J. Swope

Program: UGI Website

Proposed Existing

OBJECTIVES:

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

DETAILS OF ACTIVITY AND IMPLEMENTATION SCHEDULE:

In 2012, UGI developed and introduced a character, "The Energy Guy at UGI", to convey conservation and energy education information as part of a branding campaign. The Energy Guy at UGI provides a host of energy saving tips and is featured on www.ugi.com. In 2013, UGI is redesigning the Company's website and will retain and enhance energy education sections by including an interactive energy cost calculator. In 2014, UGI expanded the children's section to teach smart energy use and safety. The children's site was designed and written by a third-party contractor with a number of certified teachers on staff. In 2015, UGI is redesigning the entire site as part of a company re-brand, with additional enhancements to the safety and conservation sections 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> | |
| 2015 | 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> | |
| 2015 | 150 | \$20,000 | \$55,000 | | | \$75,000 |

**Form IRP-GAS-6. Energy Users Impacts
2014**

Company: UGI (GUD)

| Energy Users | Number of Customers (Year End) | Annual Energy Consumption (MWH or MCF) | Conservation Impact (MW Reduction or MWII/MCF Savings) | |
|---|-----------------------------------|---|---|--------|
| | | | Target | Actual |
| Residential (Heating) | 262,625 | 21,372,439 | | |
| Residential (Other) | 25,814 | 541,307 | | |
| Commercial | 25,607 | 8,907,499 | | |
| Industrial | 581 | 631,516 | | |
| Street Lighting | | | | |
| Railroads | | | | |
| Resale | | | | |
| Interruptible | 4 | 9,275 | | |
| Subtotal | 314,631 | 31,462,036 | | |
| Other (Specify): | | | | |
| - Delivery Service (Including Choice) | 55,860 | 90,577,306 | | |
| Total Gas Used - Both Gas Sold by UGI and Gas Delivered by UGI | 370,491 | 122,039,342 | | |

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

Form IRP-GAS-7 Program Summary
2014

Company: UGI Utilities, Inc.

| | Peak Load Reduction | Energy Use Change | Allocated Manhours | Categorized Program Expenses | | | | |
|--|------------------------|----------------------|-----------------------|------------------------------|------------------|------------------|------------------|--------------------|
| | | | | Labor | Serv. | Prog. Info. | Misc. | Total |
| Conservation Messages On Hold | N/A | N/A | 20 | \$1,000 | | | \$6,000 | \$7,000 |
| Conservation Education & Tools | N/A | N/A | 10 | \$500 | | | \$10,000 | \$10,500 |
| Customer Newsletter - "The Gasline" | N/A | N/A | 100 | \$10,000 | \$18,000 | | \$12,000 | \$40,000 |
| Low Income Usage Reduction Program | N/A | N/A | 4,725 | \$236,270 | \$191,078 | \$96,775 | \$5,553 | \$529,676 |
| Customer Cares Program | N/A | N/A | 2,281 | \$27,371 | | \$5,654 | \$36,977 | \$70,002 |
| Residential Conversion Program - Ahead of Construction | N/A | N/A | 300 | \$6,000 | | \$5,000 | \$115,500 | \$126,500 |
| Residential Conversion Program - Ahead of Paving | N/A | N/A | 100 | \$2,000 | | \$1,000 | \$21,000 | \$24,000 |
| Apartment Conversion Program | N/A | N/A | 100 | \$2,000 | | \$500 | \$105,000 | \$107,500 |
| Industrial & Commercial Energy Efficiency Program | N/A | 63,888 Mcf | 6,000 | \$172,346 | | \$2,500 | \$16,000 | \$190,846 |
| Cogeneration/Distributed Generation | 2,000 KW | 1,280,000 Gal. Oil | 2,000 | \$59,179 | | | \$10,000 | \$69,179 |
| Natural Gas Vehicles | N/A | 14,500 Diesel Gals. | 1,300 | \$15,693 | | | \$5,000 | \$20,693 |
| Underground Storage Tank Removal | N/A | 500,000 Gals. | 400 | \$11,561 | | | \$8,000 | \$19,561 |
| Commercial & Industrial Newsletters\Public Events | N/A | N/A | 800 | \$26,264 | \$3,000 | | \$15,000 | \$44,264 |
| Mass Media Advertising | N/A | N/A | 50 | \$2,000 | \$25,000 | | \$80,000 | \$107,000 |
| HVAC Trade Allies | N/A | N/A | | | | | | |
| UGI Website | N/A | N/A | 150 | \$20,000 | \$55,000 | | | \$75,000 |
| TOTAL | | | 18,336 | \$592,184 | \$292,078 | \$111,429 | \$446,030 | \$1,441,721 |

Form IRP-GAS-7 Program Summary
2015

Company: UGI Utilities, Inc.

| | Peak Load Reduction | Energy Use Change | Allocated Manhours | Categorized Program Expenses | | | | |
|--|------------------------|----------------------|-----------------------|------------------------------|-----------------|----------------|------------------|--------------------|
| | | | | Labor | Serv. | Prog. Info. | Misc. | Total |
| Conservation Messages On Hold | N/A | N/A | 20 | \$1,000 | | | \$6,000 | \$7,000 |
| Conservation Education & Tools | N/A | N/A | 10 | \$500 | | | \$10,000 | \$10,500 |
| Customer Newsletter - "The Gasline" | N/A | N/A | 100 | \$10,000 | \$18,000 | | \$12,000 | \$40,000 |
| Low Income Usage Reduction Program | N/A | N/A | | | | | | \$796,100 |
| Customer Cares Program | N/A | N/A | | | | | | \$60,000 |
| Residential Conversion Program - Ahead of Construction | N/A | N/A | 300 | \$6,000 | | \$5,000 | | \$11,000 |
| Residential Conversion Program - Ahead of Paving | N/A | N/A | 100 | \$2,000 | | \$1,000 | | \$3,000 |
| Apartment Conversion Program | N/A | N/A | 200 | \$4,000 | | \$500 | \$50,000 | \$54,500 |
| Industrial & Commercial Energy Efficiency Program | N/A | 63,888 Mcf | 6,000 | \$206,820 | | \$2,500 | \$16,000 | \$225,320 |
| Cogeneration/Distributed Generation | 2,000 KW | 1,280,000 Gal. Oil | 2,000 | \$68,940 | | | \$10,000 | \$78,940 |
| Natural Gas Vehicles | N/A | 14,500 Diesel Gals. | 1,300 | \$17,235 | | | \$5,000 | \$22,235 |
| Underground Storage Tank Removal | N/A | 500,00 Gals. | 400 | \$13,788 | | | \$8,000 | \$21,788 |
| Commercial & Industrial Newsletters\Public Events | N/A | N/A | 800 | \$27,576 | \$3,000 | | \$15,000 | \$45,576 |
| HVAC Trade Allies | N/A | N/A | | | | | | |
| UGI Website | N/A | N/A | 150 | \$20,000 | \$55,000 | | | \$75,000 |
| TOTAL | | | 11,380 | \$377,859 | \$76,000 | \$9,000 | \$132,000 | \$1,450,959 |

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

COMPANY: UGI Corporation
 PROGRAM: 2014 Low Income Usage Reduction Program
 CONTACT: Yvette Belfort

| 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 | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| 2014 | 2031 | 466,060 | 432,032 | 692,844 | N/A | 758,619 | 0 | 448,266 | 432,032 |

| Discounted Payback Period | Net Present Value | | | | Benefit-Cost Ratio | | | | Rate Impact |
|---------------------------|--------------------|-------------------------|----------------|-------------------|--------------------|-------------------------|----------------|-------------------|--------------------------------|
| | Participant (NPVp) | Non-Participant (NPVnp) | Utility (NPVu) | Ratepayers (NPVa) | Participant (BCRp) | Non-Participant (BCRnp) | Utility (BCRu) | Ratepayers (BCRa) | Non-Participant (RIMnp) \$/MCF |
| N/A | 758,619 | (657,446) | 34,028 | 16,234 | N/A | 0.4 | 1.1 | 1. | \$0.02 |

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+Cr+CI)
 NPVu = Bu-Cu
 BCRu = Bu/Cu
 NPVa = Ba-Ca
 BCRa = Ba/Ca
 RIMnp = (Cu+Cr+CI-Bu)/S