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May 4, 2020

VIA E-PORTAL FILING

Mr. Adam J. Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket No. 20200004-GU – Natural gas conservation cost recovery

Dear Mr. Teitzman:

Attached for electronic filing in the above docket on behalf of Peoples Gas System, please find the following:

- Petition of Peoples Gas System for Approval of True-Up Amount;
- Direct Testimony of Karen L. Bramley; and
- Exhibit ____ (KLB-1), consisting of the conservation cost recovery projection forms prescribed by the Commission Staff.

The enclosed testimony and exhibit will be offered by Peoples at the hearing in this docket scheduled to commence on November 3, 2020.

Your assistance in this matter is greatly appreciated.

Sincerely,

Andrew M. Brown

AB/plb

Attachment

cc: Parties of Record
Ms. Kandi M. Floyd
Ms. Karen Bramley

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Natural gas conservation cost)
recovery.)
_____)

Docket No. 20200004-GU
Submitted for Filing: May 4, 2020

**PETITION OF PEOPLES GAS SYSTEM
FOR APPROVAL OF TRUE-UP AMOUNT**

Peoples Gas System (“Peoples”), through undersigned counsel and pursuant to Rule 25-17.015, *Florida Administrative Code*, petitions the Commission for approval of its end-of-period final energy conservation cost recovery true-up amount for the period January 1 through December 31, 2019, and in support thereof says:

1. The name and address of the Petitioner are:

Peoples Gas System
P. O. Box 2562
Tampa, Florida 33601-2562

2. The persons to whom notices, orders, pleadings and correspondence in this docket should be addressed are:

Andrew M. Brown, Esquire
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3. Peoples’ calculation of the true-up amounts for which approval is hereby requested is consistent with the Commission’s prescribed methodology. These calculations and the supporting documentation are contained in Exhibit ___(KLB-1),

consisting of the Energy Conservation Cost Recovery True-Up Reporting Forms, completed as directed by the Commission Staff. Exhibit __ (KLB-1) is submitted for filing with this petition.

4. For the period January through December 2019, Peoples has calculated its end-of-period final true-up amount to be an under recovery, including interest, of \$3,101,867.

WHEREFORE, Peoples Gas System respectfully requests that the Commission grant this petition and approve the under recovery of \$3,101,867 as the final true-up amount for the January through December 2019 period.

Respectfully submitted,



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Attorneys for Peoples Gas System

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that true and correct copies of the foregoing petition, together with copies of the Direct Testimony of Karen L. Bramley and Exhibit_ (KLB-1), have been furnished by electronic mail this 4th day of May 2020, to the following:

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Andrew M. Brown



BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 20200004-GU
IN RE: NATURAL GAS CONSERVATION
COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT
OF
KAREN L. BRAMLEY

FILED: MAY 4, 2020

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **KAREN L. BRAMLEY**

5
6 **Q.** Please state your name, business address, by whom you are
7 employed, and in what capacity?

8
9 **A.** My name is Karen L. Bramley. My business address is 702
10 North Franklin Street, Tampa, Florida 33602. I am
11 employed by Peoples Gas System ("Peoples") as Gas
12 Regulatory Manager, in the Regulatory Affairs Department.

13
14 **Q.** Please describe your educational and employment
15 background.

16
17 **A.** I graduated from the University of South Florida in 1990
18 with a Bachelor of Arts degree in Political Science and
19 from University of South Florida in 1993 with a Master's
20 degree in Public Administration. My work experience
21 includes twenty-four years of gas and electric utility
22 experience. My utility work has included various positions
23 in Legal, Customer Service, Fuels Management and
24 Regulatory. In my current position, I am responsible for
25 Peoples Gas System's Natural Gas Conservation Cost Recovery

1 ("NGCCR") Clause and Purchased Gas Adjustment("PGA")
2 Clause.

3

4 **Q.** Have you previously testified before the Florida Public
5 Service Commission ("Commission")?

6

7 **A.** No.

8

9 **Q.** What is the purpose of your testimony in this docket?

10

11 **A.** The purpose of my testimony is to present and support for
12 Commission review and approval the company's actual DSM
13 programs related true-up costs incurred during the
14 January through December 2019 period.

15

16 **Q.** Did you prepare any exhibits in support of your testimony?

17

18 **A.** Yes. Exhibit No. KLB-1, entitled "Peoples Gas System,
19 Schedules Supporting Conservation Cost Recovery Factor,
20 Actual, January 2019-December 2019" was prepared under my
21 direction and supervision. This Exhibit includes Schedules
22 CT-1 through CT-3, and CT-6 which support the company's
23 actual and prudent DSM program related true-up costs
24 incurred during the January through December 2019 period.

25

1 Q. What were Peoples Gas System's actual January through
2 December 2019 conservation costs?

3

4 A. For the period, January through December 2019, Peoples Gas
5 System incurred actual net conservation costs of
6 \$16,619,336.

7

8 Q. What is the final end of period true-up amount for the
9 conservation clause for January through December 2019?

10

11 A. The final conservation clause end of period true-up for
12 January through December 2019 is an under-recovery,
13 including interest, of \$3,101,867. This calculation is
14 detailed on Schedule CT-1, page 1 of 1.

15

16 Q. Should Peoples Gas System's cost incurred during the
17 January through December 2019 period for energy
18 conservation be approved by the Commission?

19

20 A. Yes, the costs incurred were prudent and directly related
21 to the Commission's approved DSM programs and should be
22 approved.

23

24 Q. Does that conclude your testimony?

25

1 **A.** Yes, it does.

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ENERGY CONSERVATION COST RECOVERY

INDEX

SCHEDULE	TITLE	PAGE
CT-1	Adjusted Net True-up	6
CT-2	Analysis Of Energy Conservation Program Costs	7
CT-3	Adjustment Calculation Of True-Up And Interest Provision	10
CT-6	Program Progress Report	13

SCHEDULE CT-1

PEOPLES GAS SYSTEM
Energy Conservation
Adjusted Net True-up
For Months January 2019 through December 2019

End of Period Net True-up			
	Principle	(3,043,901)	
	Interest	(57,966)	
	Total		(3,101,867)
Less Projected True-up			
	Principle	(2,702,391)	
	Interest	(56,356)	
	Total		(2,758,747)
Adjusted Net True-up			(343,120)

() Reflects Under-Recovery

SCHEDULE CT-2
 Page 1 of 3

PEOPLES GAS SYSTEM
 Analysis of Energy Conservation Program Costs
 Actual vs. Projected
 For Months January 2019 through December 2019

Description	Actual	Projected	Difference
1 Capital Investment	\$0	\$0	\$0
2 Payroll	\$453,495	\$509,486	(\$55,991)
3 Materials and Supplies	\$0	\$2,500	(\$2,500)
4 Advertising	\$951,604	\$1,200,311	(\$248,707)
5 Incentives	\$15,044,358	\$14,266,039	\$778,319
6 Outside Services	\$91,077	\$176,958	(\$85,882)
7 Vehicles	\$339	\$639	(\$300)
8 Other	\$78,463	\$99,571	(\$21,108)
9 Total Program Cost	\$16,619,336	\$16,255,504	\$363,832
10 Beginning of Period True-up	\$4,327,501	\$4,327,501	\$0
11 Amounts included in Base Rates	\$0	\$0	\$0
12 Conservation Adjustment Revenues	(\$17,902,936)	(\$17,880,614)	(\$22,322)
13 True-up Before Interest	(\$3,043,901)	(\$2,702,391)	(\$341,510)
14 Interest Provision	(\$57,966)	(\$56,356)	(\$1,610)
15 End of Period True-up	(\$3,101,867)	(\$2,758,747)	(\$343,120)

PEOPLES GAS SYSTEM
Actual Conservation Program Costs Per Program
For Months January 2019 through December 2019

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: NEW RESIDENTIAL CONSTRUCTION	-	-	-	-	8,180,500	-	-	-	8,180,500
PROGRAM 2: RESIDENTIAL APPLIANCE RETENTION	-	-	-	-	4,332,617	-	-	-	4,332,617
PROGRAM 3: RESIDENTIAL APPLIANCE REPLACEMENT	-	-	-	-	749,522	-	-	-	749,522
PROGRAM 4: OIL HEAT REPLACEMENT	-	\$0	-	-	-	-	-	-	-
PROGRAM 5: COMMERCIAL ELECTRIC REPLACEMENT	-	-	-	-	-	-	-	-	-
PROGRAM 6: GAS SPACE CONDITIONING	-	-	-	-	-	-	-	-	-
PROGRAM 7: SMALL PKG COGEN	-	-	-	-	-	-	-	-	-
PROGRAM 8: MONITORING & RESEARCH	-	-	-	-	-	-	-	-	-
PROGRAM 9: CONSERVATION DEMONSTRATION DEVELOPMENT	-	-	-	-	-	-	-	-	-
PROGRAM 10: COMMERCIAL NEW CONSTRUCTION	-	-	-	-	190,050	-	-	-	190,050
PROGRAM 11: COMMERCIAL RETENTION	-	-	-	-	557,650	-	-	-	557,650
PROGRAM 12: COMMERCIAL REPLACEMENT	-	-	-	-	1,034,019	-	-	-	1,034,019
PROGRAM 13: COMMON COSTS	-	453,495	-	951,604	-	91,077	339	78,463	1,574,978
TOTAL	-	453,495	-	951,604	15,044,358	91,077	339	78,463	16,619,336



PEOPLES GAS SYSTEM
Conservation Program Costs Per Program
Variance - Actual vs. Projected
For Months January 2019 through December 2019

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: NEW RESIDENTIAL CONSTRUCTION	-	-	-	-	494,708	-	-	-	494,708
PROGRAM 2: RESIDENTIAL APPLIANCE RETENTION	-	-	-	-	15,409	-	-	-	15,409
PROGRAM 3: RESIDENTIAL APPLIANCE REPLACEMENT	-	\$0	-	-	49,419	-	-	-	49,419
PROGRAM 4: OIL HEAT REPLACEMENT	-	-	-	-	-	-	-	-	-
PROGRAM 5: COMMERCIAL ELECTRIC REPLACEMENT	-	-	-	-	(3,000)	-	-	-	(3,000)
PROGRAM 6: GAS SPACE CONDITIONING	-	-	-	-	-	-	-	-	-
PROGRAM 7: SMALL PKG COGEN	-	-	-	-	-	-	-	-	-
PROGRAM 8: MONITORING & RESEARCH	-	-	-	-	-	-	-	-	-
PROGRAM 9: CONSERVATION DEMONSTRATION DEVELOPMENT	-	-	-	-	-	-	-	-	-
PROGRAM 10: COMMERCIAL NEW CONSTRUCTION	-	-	-	-	(19,950)	-	-	-	(19,950)
PROGRAM 11: COMMERCIAL RETENTION	-	-	-	-	57,660	-	-	-	57,660
PROGRAM 12: COMMERCIAL REPLACEMENT	-	-	-	-	184,073	-	-	-	184,073
PROGRAM 13: COMMON COSTS	-	(\$55,991)	(2,500)	(248,707)	-	(85,882)	(300)	(21,108)	(414,487)
TOTAL	-	(\$55,991)	(2,500)	(248,707)	778,319	(85,882)	(300)	(21,108)	363,832

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PEOPLES GAS SYSTEM
Energy Conservation Adjustment
Summary of Expenses by Program by Month
For Months January 2019 through December 2019

EXPENSES:	January	February	March	April	May	June	July	August	September	October	November	December	Total
PROGRAM 1: NEW RESIDENTIAL CONSTRUCTION	860,100	375,750	313,700	393,200	461,950	1,350,900	1,105,200	820,700	418,050	542,000	944,650	594,300	8,180,500
PROGRAM 2: RESIDENTIAL APPLIANCE RETENTION	480,045	271,954	365,580	440,800	341,044	257,785	540,003	375,750	309,607	403,400	241,700	304,950	4,332,617
PROGRAM 3: RESIDENTIAL APPLIANCE REPLACEMENT	91,019	\$46,100	50,251	87,511	34,225	41,000	82,825	78,425	64,500	76,692	30,575	66,400	749,522
PROGRAM 4: OIL HEAT REPLACEMENT	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 5: COMMERCIAL ELECTRIC REPLACEMENT	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 6: GAS SPACE CONDITIONING	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 7: SMALL PKG COGEN	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 8: MONITORING & RESEARCH	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 9: CONSERVATION DEMONSTRATION DEVELOPMENT	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 10: COMMERCIAL NEW CONSTRUCTION	38,350	6,500	3,000	22,700	13,500	19,000	16,500	-	10,000	20,000	6,500	34,000	190,050
PROGRAM 11: COMMERCIAL RETENTION	71,950	21,700	57,100	61,500	33,000	31,000	84,700	31,500	34,700	38,500	14,500	77,500	557,650
PROGRAM 12: COMMERCIAL REPLACEMENT	55,449	13,498	143,626	145,568	41,405	23,500	163,703	2,500	64,499	134,130	-	246,140	1,034,019
PROGRAM 13: COMMON COSTS	85,915	\$47,924	126,341	212,221	135,900	49,164	130,879	53,726	54,111	386,217	162,931	129,649	1,574,978
TOTAL	1,682,827	\$783,426	1,059,598	1,363,500	1,061,024	1,772,348	2,123,810	1,362,601	955,467	1,600,939	1,400,856	1,452,939	16,619,336
LESS AMOUNT INCLUDED IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
RECOVERABLE CONSERVATION EXPENSES	1,682,827	783,426	1,059,598	1,363,500	1,061,024	1,772,348	2,123,810	1,362,601	955,467	1,600,939	1,400,856	1,452,939	16,619,336

PEOPLES GAS SYSTEM
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2019 through December 2019

CONSERVATION REVENUES	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. OTHER PROGRAM RE ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
2. CONSERV. ADJ REVS	2,089,640	2,114,742	1,727,079	1,612,991	1,426,900	1,214,040	1,145,227	1,126,014	1,157,081	1,157,449	1,310,430	1,821,343	17,902,936
3. TOTAL REVENUES	2,089,640	\$2,114,742	1,727,079	1,612,991	1,426,900	1,214,040	1,145,227	1,126,014	1,157,081	1,157,449	1,310,430	1,821,343	17,902,936
4. PRIOR PERIOD TRUE-UP NOT APPLICABLE TO THIS PERIOD	(119,556)	(119,556)	(119,556)	(119,556)	(119,556)	(119,556)	(119,556)	(119,556)	(119,556)	(119,556)	(119,556)	(119,555)	(1,434,671)
5. CONSERVATION REVS APPLICABLE TO THE PERIOD	1,970,084	1,995,186	1,607,523	1,493,435	1,307,344	1,094,484	1,025,671	1,006,458	1,037,525	1,037,893	1,190,874	1,701,788	16,468,265
6. CONSERVATION EXPS (FROM CT-3, PAGE 1)	1,682,827	\$783,426	1,059,598	1,363,500	1,061,024	1,772,348	2,123,810	1,362,601	955,467	1,600,939	1,400,856	1,452,939	16,619,336
7. TRUE-UP THIS PERIOD	287,256	1,211,760	547,925	129,936	246,320	(677,865)	(1,098,139)	(356,143)	82,058	(563,046)	(209,982)	248,849	(151,071)
8. INT. PROV. THIS PERIOD (FROM CT-3, PAGE 3)	(8,289)	(6,559)	(4,632)	(3,724)	(3,040)	(3,159)	(4,386)	(5,182)	(5,071)	(4,748)	(4,646)	(4,529)	(57,966)
9. TRUE-UP & INT. PROV. BEGINNING OF MONTH	(4,327,501)	(\$3,928,978)	(2,604,222)	(1,941,372)	(1,695,605)	(1,332,769)	(1,894,237)	(2,877,206)	(3,118,975)	(2,922,432)	(3,370,670)	(3,465,742)	
10. PRIOR TRUE-UP COLLECTED/(REFUND)	119,556	119,556	119,556	119,556	119,556	119,556	119,556	119,556	119,556	119,556	119,556	119,555	
11. TOTAL NET TRUE-UP (SUM LINES 8+9+10+11)	(3,928,978)	(2,604,222)	(1,941,372)	(1,695,605)	(1,332,769)	(1,894,237)	(2,877,206)	(3,118,975)	(2,922,432)	(3,370,670)	(3,465,742)	(3,101,867)	(209,037)
Expenses	1,682,827	783,426	1,059,598	1,363,500	1,061,024	1,772,348	2,123,810	1,362,601	955,467	1,600,939	1,400,856	1,452,939	16,619,336
Deferred Expenses	406,812	1,331,316	667,481	249,491	119,556	(558,309)	119,556	119,556	119,556	(443,490)	(90,426)	368,404	2,409,503
Revenues	(2,089,640)	(2,114,742)	(1,727,079)	(1,612,991)	(1,426,900)	(1,214,040)	(1,145,227)	(1,126,014)	(1,157,081)	(1,157,449)	(1,310,430)	(1,821,343)	(17,902,936)
Deferred Revenues					(246,320)		1,098,139	356,143	(82,058)				1,125,904

11

PEOPLES GAS SYSTEM
Energy Conservation Adjustment
Calculation of True-up and Interest Provision
For Months January 2019 through December 2019

	January	February	March	April	May	June	July	August	September	October	November	December	Total
INTEREST PROVISION													
1. BEGINNING TRUE-UP	(4,327,501)	(3,928,978)	(2,604,222)	(1,941,372)	(1,695,605)	(1,332,769)	(1,894,237)	(2,877,206)	(3,118,975)	(2,922,432)	(3,370,670)	(3,465,742)	
2. ENDING TRUE-UP BEFORE INTEREST	(3,920,689)	(2,597,662)	(1,936,741)	(1,691,880)	(1,329,729)	(1,891,078)	(2,872,820)	(3,113,793)	(2,917,361)	(3,365,922)	(3,461,096)	(3,097,338)	
3. TOTAL BEGINNING & ENDING TRUE-UP	<u>(8,248,190)</u>	<u>(6,526,641)</u>	<u>(4,540,962)</u>	<u>(3,633,253)</u>	<u>(3,025,333)</u>	<u>(3,223,846)</u>	<u>(4,767,056)</u>	<u>(5,990,998)</u>	<u>(6,036,335)</u>	<u>(6,288,353)</u>	<u>(6,831,765)</u>	<u>(6,563,079)</u>	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	<u>(4,124,095)</u>	<u>(3,263,320)</u>	<u>(2,270,481)</u>	<u>(1,816,626)</u>	<u>(1,512,667)</u>	<u>(1,611,923)</u>	<u>(2,383,528)</u>	<u>(2,995,499)</u>	<u>(3,018,168)</u>	<u>(3,144,177)</u>	<u>(3,415,883)</u>	<u>(3,281,540)</u>	
5. INTER. RATE - 1ST DAY OF REPORTING MONTH	2.420%	2.410%	2.410%	2.480%	2.430%	2.390%	2.320%	2.100%	2.050%	1.970%	1.660%	1.600%	
6. INTER. RATE - 1ST DAY OF SUBSEQUENT MONTH	2.410%	\$0	2.480%	2.430%	2.390%	2.320%	2.100%	2.050%	1.970%	1.660%	1.600%	1.710%	
7. TOTAL (SUM LINES 5 & 6)	4.830%	\$0	4.890%	4.910%	4.820%	4.710%	4.420%	4.150%	4.020%	3.630%	3.260%	3.310%	
8. AVG INTEREST RATE (LINE 7 TIMES 50%)	2.415%	2.410%	2.445%	2.455%	2.410%	2.355%	2.210%	2.075%	2.010%	1.815%	1.630%	1.655%	
9. MONTHLY AVG INTEREST RATE	0.20100%	0.201%	0.204%	0.205%	0.201%	0.196%	0.184%	0.173%	0.168%	0.151%	0.136%	0.138%	
10. INTEREST PROVISION (LINE 4 TIMES LINE 9) (exp)/inc\	(8,289)	(6,559)	(4,632)	(3,724)	(3,040)	(3,159)	(4,386)	(5,182)	(5,071)	(4,748)	(4,646)	(4,529)	(57,966)

Program Description and Progress

Program Title: New Residential Construction

Program Description: The New Residential Construction Program is designed to save energy for new home owners by offering incentives to builders for the installation of natural gas appliances. The incentive assists in the defraying of the initial higher cost associated with piping and venting when installing energy efficient natural gas appliances.

Program Accomplishments: January 1, 2019 to December 31, 2019

Natural Gas Cooking (Range, Oven, Cooktop):	10,101
Natural Gas Dryer:	9,687
Natural Gas Heating:	841
Natural Gas High Efficiency Water Heater:	77
Natural Gas Tank Water Heater:	3,597
Natural Gas Tankless Water Heater:	7,249

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$8,180,500.

Program Progress Summary: Through this reporting period 169,863 customers have participated.

Program Description and Progress

Program Title: Residential Appliance Retention

Program Description: The Residential Appliance Retention Program is designed to encourage current natural gas customers to make cost-effective improvements in existing residences by replacing existing natural gas appliances with energy efficient natural gas appliances. The goal is to offer customer rebates for installing energy efficient natural gas appliances.

Program Accomplishments: January 1, 2019 to December 31, 2019

Natural Gas Cooking (Range, Oven, Cooktop):	577
Natural Gas Dryer:	637
Natural Gas Heating:	3,218
Natural Gas High Efficiency Water Heater:	66
Natural Gas Tank Water Heater:	4,428
Natural Gas Tankless Water Heater:	1,983

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$4,332,617.

Program Progress Summary: Through this reporting period 194,773 customers have participated.

Program Description and Progress

Program Title: Residential Appliance Replacement

Program Description: The Residential Appliance Replacement Program is designed to encourage customers to make cost-effective improvements in existing residences by replacing existing electric appliances with energy efficient natural gas appliances. The goal is to offer customer rebates for installing energy efficient natural gas appliances which assist in the defraying the initial higher cost associated with piping and venting for natural gas appliances.

Program Accomplishments: January 1, 2019 to December 31, 2019

Natural Gas Cooking (Range, Oven, Cooktop):	410
Natural Gas Dryer:	265
Natural Gas Heating:	14
Natural Gas High Efficiency Water Heater:	4
Natural Gas Tank Water Heater:	51
Natural Gas Tankless Water Heater:	805

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$749,522.

Program Progress Summary: Through this reporting period 27,862 customers have participated.

Program Description and Progress

Program Title: Oil Heat Replacement

Program Description: The Oil Heat Replacement Program is designed to encourage customers to make cost-effective improvements in existing residences by converting/replacing their existing oil heating system to more energy efficient natural gas heating. The goal is to offer customer rebates for installing energy efficient natural gas heating systems to assist in the defraying the initial higher cost associated with piping and venting for natural gas appliances.

Program Accomplishments: January 1, 2019 to December 31, 2019

Energy Efficient Gas Furnace:	0
Space Heating:	0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period 374 customers have participated.

Program Description and Progress

Program Title: Commercial Electric Replacement

Program Description: The Commercial Electric Replacement Program is designed to encourage commercial customers to make cost-effective improvements in existing facilities by replacing electric resistance appliances with energy efficient natural gas appliances. The goal is to offer customer rebates for installing energy efficient natural gas appliances which assist in the defraying the initial higher cost associated with piping and venting for natural gas appliances.

Program Accomplishments: January 1, 2019 to December 31, 2019

Natural Gas Tankless Water Heater: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period 60,481 customers have participated.

Program Description and Progress

Program Title: Gas Space Conditioning

Program Description: The Gas Space Conditioning Program is designed to encourage commercial customers to make cost-effective improvements in existing facilities by converting/replacing their electric space conditioning equipment to energy efficient natural gas space conditioning equipment. The goal is to offer customer rebates for installing energy efficient natural gas space conditioning systems which assist in the defraying the initial higher cost associated with piping and venting for natural gas equipment.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period 7,478 customers have participated.

Program Description and Progress

Program Title: Small Package Cogeneration

Program Description: The Small Package Cogeneration Program is designed to encourage commercial customers to make cost-effective improvements in existing facilities by the installation of an energy efficient on-site natural gas fired combined heat and power system for the simultaneous production of mechanical and thermal energy. The goal is to offer customer rebates for installing an energy efficient natural gas fired combined heat and power system. In addition, for customers interested, workshops and a feasibility audit can be made available upon request.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Through this reporting period 7 customers have participated.

Program Description and Progress

Program Title: Monitoring and Research

Program Description: The Monitoring and Research Program is designed to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. Peoples Gas System will monitor and evaluate potential conservation programs and demonstrate prototype technologies emerging in the marketplace to determine the impact to the company and its ratepayers and may occur at customer premises, Peoples Gas System's facilities or at independent test sites. Peoples Gas System will report program progress through the annual NGCCR True-Up filing and will provide the results of Monitoring and Research activities in the company's annual DSM Report.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: In 2019, Peoples Gas Systems did not have any active Monitoring and Research activities.

Program Description and Progress

Program Title: Conservation Demonstration Development

Program Description: The Conservation Demonstration Development Program is designed to encourage Peoples Gas Systems and other natural gas local distribution companies to pursue opportunities for individual and joint research including testing of technologies to develop new energy conservation programs.

Program Accomplishments: January 1, 2019 to December 31, 2019

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$0.

Program Progress Summary: Currently, Peoples Gas System continues to review possible programs to research.

Program Description and Progress

Program Title: Commercial New Construction

Program Description: The Commercial New Construction program is designed to save energy for new commercial facility owners by offering incentives to commercial customers for the installation of natural gas appliances. The incentive assists in the defraying of the initial higher cost associated with piping and venting when installing energy efficient natural gas appliances

Program Accomplishments: January 1, 2019 to December 31, 2019

Natural Gas Cooktop/Range:	15
Natural Gas Dryer:	24
Natural Gas Fryer:	31
Natural Gas Tank Water Heater:	7
Natural Gas Tankless Water Heater:	53

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$190,050

Program Progress Summary: Through this reporting period 572 customers have participated.

Program Description and Progress

Program Title: Commercial Retention

Program Description: The Commercial Retention Program is designed to encourage current natural gas commercial customers to make cost-effective improvements in existing residences by replacing existing natural gas appliances with energy efficient natural gas appliances. The goal is to offer customer rebates for installing energy efficient natural gas appliances.

Program Accomplishments: January 1, 2019 to December 31, 2019

Natural Gas Cooktop/Range:	2
Natural Gas Dryer:	165
Natural Gas Fryer:	19
Natural Gas Tank Water Heater:	10
Natural Gas Tankless Water Heater:	182

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$557,650.

Program Progress Summary: Through this reporting period 1,616 customers have participated.

Program Description and Progress

Program Title: Commercial Replacement

Program Description: The Commercial Replacement Program is designed to encourage commercial customers to make cost-effective improvements in existing facilities by replacing electric appliances with energy efficient natural gas appliances. The goal is to offer customer rebates for installing energy efficient natural gas appliances which assist in the defraying the initial higher cost associated with piping and venting for natural gas appliances.

Program Accomplishments: January 1, 2019 to December 31, 2019

Natural Gas Cooktop/Range:	6
Natural Gas Dryer:	3
Natural Gas Fryer:	45
Natural Gas Tankless Water Heater:	369

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019

Actual expenses were \$1,034,019.

Program Progress Summary: Through this reporting period 1,526 customers have participated.

Program Description and Progress

Program Title: Common Expenses

Program Description: These are expenses common to all programs.

Program Accomplishments: January 1, 2019 to December 31, 2019
N/A

Program Fiscal Expenditures: January 1, 2019 to December 31, 2019
Actual expenses were \$1,574,978.

Program Progress Summary: N/A