



BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 20210004-GU  
IN RE: NATURAL GAS CONSERVATION  
COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT  
OF  
KAREN L. BRAMLEY

FILED: MAY 3, 2021

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

KAREN L. BRAMLEY

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

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

**Q.** Please describe your educational and employment background.

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

1 ("NGCCR") Clause and Purchased Gas Adjustment ("PGA") Clause  
2 as well as various activities at Peoples.

3  
4 **Q.** What is the purpose of your testimony in this docket?

5  
6 **A.** The purpose of my testimony is to present and support for  
7 Commission review and approval the company's actual DSM  
8 programs related true-up costs incurred during the  
9 January through December 2020 period.

10  
11 **Q.** Did you prepare any exhibits in support of your testimony?

12  
13 **A.** Yes. Exhibit No. KLB-1, entitled "Peoples Gas System,  
14 Schedules Supporting Conservation Cost Recovery Factor,  
15 Actual, January 2020-December 2020" was prepared under my  
16 direction and supervision. This Exhibit includes Schedules  
17 CT-1 through CT-3, and CT-6 which support the company's  
18 actual and prudent DSM program-related true-up costs  
19 incurred during the January through December 2020 period.

20  
21 **Q.** What were Peoples Gas System's actual January through  
22 December 2020 conservation costs?

23  
24 **A.** For the period January through December 2020, Peoples Gas  
25 System incurred actual net conservation costs of

1           \$17,031,280.

2

3   **Q.**   What is the final end of period true-up amount for the  
4           conservation clause for January through December 2020?

5

6   **A.**   The final conservation clause end of period true-up for  
7           January through December 2020 is an under-recovery,  
8           including interest, of \$1,883,202. This calculation is  
9           detailed on Schedule CT-1, page 1 of 1.

10

11   **Q.**   Should Peoples Gas System's cost incurred during the  
12           January through December 2020 period for energy  
13           conservation be approved by the Commission?

14

15   **A.**   Yes, the costs incurred were prudent and directly related  
16           to the Commission's approved DSM programs and should be  
17           approved.

18

19   **Q.**   Does that conclude your testimony?

20

21   **A.**   Yes, it does.

22

23

24

25

ENERGY CONSERVATION COST RECOVERY

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SCHEDULE CT-1

PEOPLES GAS SYSTEM  
 Energy Conservation  
 Adjusted Net True-up  
 For Months January 2020 through December 2020

End of Period Net True-up

Principle	(1,872,753)	
Interest	(10,449)	
Total		(1,883,202)

Less Projected True-up

Principle	(1,139,343)	
Interest	(11,355)	
Total		(1,150,698)

Adjusted Net True-up		(732,504)
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( ) Reflects Under-Recovery

SCHEDULE CT-2  
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PEOPLES GAS SYSTEM  
 Analysis of Energy Conservation Program Costs  
 Actual vs. Projected  
 For Months January 2020 through December 2020

Description	Actual	Projected	Difference
1 Capital Investment	\$0	\$0	\$0
2 Payroll	\$562,236	\$590,766	(\$28,530)
3 Materials and Supplies	\$0	\$0	\$0
4 Advertising	\$1,093,625	\$1,200,000	(\$106,375)
5 Incentives	\$15,092,917	\$14,614,403	\$478,514
6 Outside Services	\$217,172	\$223,150	(\$5,978)
7 Vehicles	\$7	\$0	\$7
8 Other	\$65,323	\$65,322	\$1
9 Total Program Cost	\$17,031,280	\$16,693,642	\$337,638
10 Beginning of Period True-up	\$3,101,867	\$3,101,867	\$0
11 Amounts included in Base Rates	\$0	\$0	\$0
12 Conservation Adjustment Revenues	(\$18,074,244)	(\$18,470,018)	\$395,774
13 Regulatory Adjustments	(\$186,149)	(\$186,149)	\$0
14 True-up Before Interest	(\$1,872,753)	(\$1,139,343)	(\$733,410)
15 Interest Provision	(\$10,449)	(\$11,355)	\$906
16 End of Period True-up	(\$1,883,202)	(\$1,150,698)	(\$732,504)

PEOPLES GAS SYSTEM  
Actual Conservation Program Costs Per Program  
For Months January 2020 through December 2020

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: NEW RESIDENTIAL CONSTRUCTION	-	-	-	-	7,878,350	-	-	-	7,878,350
PROGRAM 2: RESIDENTIAL APPLIANCE RETENTION	-	-	-	-	5,015,445	-	-	-	5,015,445
PROGRAM 3: RESIDENTIAL APPLIANCE REPLACEMENT	-	-	-	-	812,096	-	-	-	812,096
PROGRAM 4: OIL HEAT REPLACEMENT	-	-	-	-	660	-	-	-	660
PROGRAM 5: COMMERCIAL ELECTRIC REPLACEMENT	-	-	-	-	-	-	-	-	-
PROGRAM 6: GAS SPACE CONDITIONING	-	-	-	-	2,250	-	-	-	2,250
PROGRAM 7: SMALL PKG COGEN	-	-	-	-	-	-	-	-	-
PROGRAM 8: MONITORING & RESEARCH	-	-	-	-	-	-	-	-	-
PROGRAM 9: CONSERVATION DEMONSTRATION DEVELOPMENT	-	-	-	-	-	-	-	-	-
PROGRAM 10: COMMERCIAL NEW CONSTRUCTION	-	-	-	-	141,200	-	-	-	141,200
PROGRAM 11: COMMERCIAL RETENTION	-	-	-	-	359,400	-	-	-	359,400
PROGRAM 12: COMMERCIAL REPLACEMENT	-	-	-	-	883,517	-	-	-	883,517
PROGRAM 13: COMMON COSTS	-	562,236	-	1,093,625	-	92,172	7	65,323	1,813,363
PROGRAM 14: RESIDENTIAL CUSTOMER ASSISTED AUDIT	-	-	-	-	-	125,000	-	-	125,000
PROGRAM 15: COMMERCIAL WALK THROUGH ENERGY AUDIT	-	-	-	-	-	-	-	-	-
TOTAL	-	562,236	-	1,093,625	15,092,917	217,172	7	65,323	17,031,280



PEOPLES GAS SYSTEM  
Conservation Program Costs Per Program  
Variance - Actual vs. Projected  
For Months January 2020 through December 2020

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: NEW RESIDENTIAL CONSTRUCTION	-	-	-	-	195,700	-	-	-	195,700
PROGRAM 2: RESIDENTIAL APPLIANCE RETENTION	-	-	-	-	425,692	-	-	-	425,692
PROGRAM 3: RESIDENTIAL APPLIANCE REPLACEMENT	-	-	-	-	(232,792)	-	-	-	(232,792)
PROGRAM 4: OIL HEAT REPLACEMENT	-	-	-	-	330	-	-	-	330
PROGRAM 5: COMMERCIAL ELECTRIC REPLACEMENT	-	-	-	-	-	-	-	-	-
PROGRAM 6: GAS SPACE CONDITIONING	-	-	-	-	2,250	-	-	-	2,250
PROGRAM 7: SMALL PKG COGEN	-	-	-	-	-	-	-	-	-
PROGRAM 8: MONITORING & RESEARCH	-	-	-	-	-	-	-	-	-
PROGRAM 9: CONSERVATION DEMONSTRATION DEVELOPMENT	-	-	-	-	-	-	-	-	-
PROGRAM 10: COMMERCIAL NEW CONSTRUCTION	-	-	-	-	(43,800)	-	-	-	(43,800)
PROGRAM 11: COMMERCIAL RETENTION	-	-	-	-	(30,700)	-	-	-	(30,700)
PROGRAM 12: COMMERCIAL REPLACEMENT	-	-	-	-	161,834	-	-	-	161,834
PROGRAM 13: COMMON COSTS	-	(28,530)	-	(106,375)	-	(5,978)	7	1	(140,876)
PROGRAM 14: RESIDENTIAL CUSTOMER ASSISTED AUDIT	-	-	-	-	-	-	-	-	-
PROGRAM 15: COMMERCIAL WALK THROUGH ENERGY AUDIT	-	-	-	-	-	-	-	-	-
TOTAL	-	(28,530)	-	(106,375)	478,514	(5,978)	7	1	337,638

SCHEDULE CT-3  
PAGE 1 OF 3

PEOPLES GAS SYSTEM  
Energy Conservation Adjustment  
Summary of Expenses by Program by Month  
For Months January 2020 through December 2020

EXPENSES:	January	February	March	April	May	June	July	August	September	October	November	December	Total
PROGRAM 1: NEW RESIDENTIAL CONSTRUCTION	1,028,450	443,700	329,300	604,000	711,800	656,650	521,700	732,900	875,900	801,800	742,400	429,750	7,878,350
PROGRAM 2: RESIDENTIAL APPLIANCE RETENTION	290,000	389,250	411,200	489,826	381,550	413,387	482,225	390,200	438,950	365,200	356,320	607,337	5,015,445
PROGRAM 3: RESIDENTIAL APPLIANCE REPLACEMENT	38,576	105,300	82,100	76,025	60,775	63,748	72,775	55,725	77,175	67,413	51,075	61,410	812,096
PROGRAM 4: OIL HEAT REPLACEMENT	-	-	330	-	-	-	-	330	-	-	-	-	660
PROGRAM 5: COMMERCIAL ELECTRIC REPLACEMENT	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 6: GAS SPACE CONDITIONING	-	-	-	-	-	-	-	-	2,250	-	-	-	2,250
PROGRAM 7: SMALL PKG COGEN	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 8: MONITORING & RESEARCH	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 9: CONSERVATION DEMONSTRATION DEVELOPMENT	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 10: COMMERCIAL NEW CONSTRUCTION	11,000	40,500	19,500	23,300	-	6,000	7,200	8,007	6,000	11,200	-	8,493	141,200
PROGRAM 11: COMMERCIAL RETENTION	33,500	18,700	30,000	55,100	24,000	34,500	13,100	4,000	36,500	22,500	9,500	78,000	359,400
PROGRAM 12: COMMERCIAL REPLACEMENT	29,876	4,000	107,592	81,631	10,500	149,577	54,196	13,740	137,605	168,573	11,220	115,008	883,517
PROGRAM 13: COMMON COSTS	201,241	151,809	106,321	51,990	155,611	52,490	43,607	201,489	114,925	442,088	136,788	155,004	1,813,363
PROGRAM 14: RESIDENTIAL CUSTOMER ASSISTED AUDIT	-	-	-	125,000	-	-	-	-	-	-	-	-	125,000
PROGRAM 15: COMMERCIAL WALK THROUGH ENERGY AUDIT	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1,632,643	1,153,259	1,086,343	1,506,872	1,344,236	1,376,351	1,194,803	1,406,391	1,689,304	1,878,773	1,307,303	1,455,001	17,031,280
LESS AMOUNT INCLUDED IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
RECOVERABLE CONSERVATION EXPENSES	1,632,643	1,153,259	1,086,343	1,506,872	1,344,236	1,376,351	1,194,803	1,406,391	1,689,304	1,878,773	1,307,303	1,455,001	17,031,280

SCHEDULE CT-3  
PAGE 2 OF 3

PEOPLES GAS SYSTEM  
Energy Conservation Adjustment  
Calculation of True-up and Interest Provision  
For Months January 2020 through December 2020

CONSERVATION REVENUES	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. OTHER PROGRAM REVENUES	-	-	-	-	-	-	-	-	-	-	-	-	-
2. CONSERV. ADJ REVS	2,104,825	2,074,223	1,925,868	1,475,823	1,319,818	1,290,795	1,160,864	1,139,761	1,129,051	1,206,660	1,403,783	1,842,772	18,074,244
3. TOTAL REVENUES	2,104,825	2,074,223	1,925,868	1,475,823	1,319,818	1,290,795	1,160,864	1,139,761	1,129,051	1,206,660	1,403,783	1,842,772	18,074,244
4. PRIOR PERIOD TRUE-UP NOT APPLICABLE TO THIS PERIOD	(229,896)	(229,896)	(229,896)	(229,896)	(229,896)	(229,896)	(229,896)	(229,896)	(229,896)	(229,896)	(229,896)	(229,891)	(2,758,747)
5. CONSERVATION REVS APPLICABLE TO THE PERIOD	1,874,929	1,844,327	1,695,972	1,245,927	1,089,922	1,060,899	930,968	909,865	899,155	976,764	1,173,887	1,612,881	15,315,497
6. CONSERVATION EXPS (FROM CT-3, PAGE 1)	1,632,643	1,153,259	1,086,343	1,506,872	1,344,236	1,376,351	1,194,803	1,406,391	1,689,304	1,878,773	1,307,303	1,455,001	17,031,280
7. TRUE-UP THIS PERIOD	242,286	691,068	609,630	(260,945)	(254,313)	(315,452)	(263,835)	(496,526)	(790,149)	(902,010)	(133,416)	157,880	(1,715,782)
8. REGULATORY ADJUSTMENTS			186,149										186,149
9. INT. PROV. THIS PERIOD (FROM CT-3, PAGE 3)	(4,012)	(2,890)	(1,888)	(672)	(44)	(63)	(85)	(100)	(113)	(142)	(232)	(208)	(10,449)
10. TRUE-UP & INT. PROV. BEGINNING OF MONTH	(3,101,867)	(2,633,697)	(1,715,623)	(691,836)	(723,557)	(748,018)	(833,637)	(867,661)	(1,134,391)	(1,694,757)	(2,367,013)	(2,270,765)	(3,101,867)
11. PRIOR TRUE-UP COLLECTED/(REFUND)	229,896	229,896	229,896	229,896	229,896	229,896	229,896	229,896	229,896	229,896	229,896	229,891	2,758,747
12. TOTAL NET TRUE-UP (SUM LINES 8+9+10+11)	(2,633,697)	(1,715,623)	(691,836)	(723,557)	(748,018)	(833,637)	(867,661)	(1,134,391)	(1,694,757)	(2,367,013)	(2,270,765)	(1,883,202)	(1,883,202)
Expenses	1,632,643	1,153,259	1,086,343	1,506,872	1,344,236	1,376,351	1,194,803	1,406,391	1,689,304	1,878,773	1,307,303	1,455,001	17,031,280
Deferred Expenses	242,286	691,068	609,630	-	-	-	-	-	-	-	-	157,880	1,700,864
Revenues	(2,104,825)	(2,074,223)	(1,925,868)	(1,475,823)	(1,319,818)	(1,290,795)	(1,160,864)	(1,139,761)	(1,129,051)	(1,206,660)	(1,403,783)	(1,842,772)	(18,074,244)
Deferred Revenues	-	-	-	(260,945)	(254,313)	(315,452)	(263,835)	(496,526)	(790,149)	(903,910)	(133,416)	-	(3,418,546)

PEOPLES GAS SYSTEM  
Energy Conservation Adjustment  
Calculation of True-up and Interest Provision  
For Months January 2020 through December 2020

	INTEREST PROVISION	January	February	March	April	May	June	July	August	September	October	November	December	Total
1.	BEGINNING TRUE-UP	(3,101,867)	(2,633,697)	(1,715,623)	(691,836)	(723,557)	(748,018)	(833,637)	(867,661)	(1,134,391)	(1,694,757)	(2,367,013)	(2,270,765)	
2.	ENDING TRUE-UP BEFORE INTEREST	(2,629,685)	(1,712,733)	(689,948)	(722,885)	(747,974)	(833,574)	(867,576)	(1,134,291)	(1,694,644)	(2,366,871)	(2,270,533)	(1,882,994)	
3.	TOTAL BEGINNING & ENDING TRUE-UP	<u>(5,731,552)</u>	<u>(4,346,430)</u>	<u>(2,405,571)</u>	<u>(1,414,721)</u>	<u>(1,471,531)</u>	<u>(1,581,592)</u>	<u>(1,701,213)</u>	<u>(2,001,952)</u>	<u>(2,829,035)</u>	<u>(4,061,628)</u>	<u>(4,637,546)</u>	<u>(4,153,759)</u>	
4.	AVERAGE TRUE-UP (LINE 3 TIMES 50%)	<u>(2,865,776)</u>	<u>(2,173,215)</u>	<u>(1,202,786)</u>	<u>(707,361)</u>	<u>(735,766)</u>	<u>(790,796)</u>	<u>(850,607)</u>	<u>(1,000,976)</u>	<u>(1,414,518)</u>	<u>(2,030,814)</u>	<u>(2,318,773)</u>	<u>(2,076,880)</u>	
5.	INTER. RATE - 1ST DAY OF REPORTING MONTH	1.710%	1.640%	1.560%	2.210%	0.060%	0.080%	0.110%	0.120%	0.130%	0.070%	0.100%	0.140%	
6.	INTER. RATE - 1ST DAY OF SUBSEQUENT MONTH	1.640%	1.560%	2.210%	0.060%	0.080%	0.110%	0.120%	0.130%	0.070%	0.100%	0.140%	0.100%	
7.	TOTAL (SUM LINES 5 & 6)	3.350%	3.200%	3.770%	2.270%	0.140%	0.190%	0.230%	0.250%	0.200%	0.170%	0.240%	0.240%	
8.	AVG INTEREST RATE (LINE 7 TIMES 50%)	1.675%	1.600%	1.885%	1.135%	0.070%	0.095%	0.115%	0.125%	0.100%	0.085%	0.120%	0.120%	
9.	MONTHLY AVG INTEREST RATE	0.14000%	0.133%	0.157%	0.095%	0.006%	0.008%	0.010%	0.010%	0.008%	0.007%	0.010%	0.010%	
10.	INTEREST PROVISION (LINE 4 TIMES LINE 9) (exp)/inc\	(4,012)	(2,890)	(1,888)	(672)	(44)	(63)	(85)	(100)	(113)	(142)	(232)	(208)	(10,449)

## **Program Description and Progress**

Program Title: Residential Customer-Assisted Audit

Program Description: The Residential Customer-Assisted Energy Audit is designed to save energy by increasing residential customer awareness of natural gas energy use in personal residences. Savings are dependent on the customer implementing energy conservation measures and practice recommendations.

Program Accomplishments: January 1, 2020 to December 31, 2020

Number of customers participating: 4,878

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$125,000.

Program Progress Summary: Through this reporting period, 4,878 customers have participated.

## Program Description and Progress

Program Title: New Residential Construction

Program Description: The New Residential Construction Program is designed to save energy for new homeowners 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, 2020 to December 31, 2020

Natural Gas Cooking (Range, Oven, Cooktop):	10,052
Natural Gas Dryer:	9,811
Natural Gas Heating:	349
Natural Gas High Efficiency Water Heater:	26
Natural Gas Tank Water Heater:	3,098
Natural Gas Tankless Water Heater:	7,462

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$7,878,350.

Program Progress Summary: Through this reporting period, 182,208 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, 2020 to December 31, 2020

Natural Gas Cooking (Range, Oven, Cooktop):	1,132
Natural Gas Dryer:	776
Natural Gas Heating:	3,576
Natural Gas High Efficiency Water Heater:	49
Natural Gas Tank Water Heater:	4,932
Natural Gas Tankless Water Heater:	2,354

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$5,015,445.

Program Progress Summary: Through this reporting period, 207,594 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, 2020 to December 31, 2020

Natural Gas Cooking (Range, Oven, Cooktop):	515
Natural Gas Dryer:	270
Natural Gas Heating:	9
Natural Gas High Efficiency Water Heater:	4
Natural Gas Tank Water Heater:	33
Natural Gas Tankless Water Heater:	954

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$812,096.

Program Progress Summary: Through this reporting period, 29,648 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, 2020 to December 31, 2020

Energy Efficient Gas Furnace:	2
Space Heating:	0

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$660.

Program Progress Summary: Through this reporting period, 376 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, 2020 to December 31, 2020

Natural Gas Tankless Water Heater: 0

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

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, 2020 to December 31, 2020

Number of customers participating: 1

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$2,250.

Program Progress Summary: Through this reporting period, 7,479 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, 2020 to December 31, 2020

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

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, 2020 to December 31, 2020

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$0.

Program Progress Summary: In 2020, 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, 2020 to December 31, 2020

Number of customers participating: 0

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$0.

Program Progress Summary: 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, 2020 to December 31, 2020

Natural Gas Cooktop/Range:	7
Natural Gas Dryer:	5
Natural Gas Fryer:	16
Natural Gas Tank Water Heater:	12
Natural Gas Tankless Water Heater:	45

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$141,200.

Program Progress Summary: Through this reporting period, 657 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, 2020 to December 31, 2020

Natural Gas Cooktop/Range:	2
Natural Gas Dryer:	106
Natural Gas Fryer:	3
Natural Gas Tank Water Heater:	21
Natural Gas Tankless Water Heater:	111

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$359,400.

Program Progress Summary: Through this reporting period, 1,859 customers have participated.



## Program Description and Progress

Program Title: Commercial Replacement

Program Description: The Commercial Replacement Program is designed 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, 2020 to December 31, 2020

Natural Gas Cooktop/Range:	8
Natural Gas Dryer:	6
Natural Gas Fryer:	41
Natural Gas Tank Water Heater	2
Natural Gas Tankless Water Heater:	313

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$883,517.

Program Progress Summary: Through this reporting period, 1,896 customers have participated.

### **Program Description and Progress**

Program Title: Common Expenses

Program Description: These are expenses common to all programs.

Program Accomplishments: January 1, 2020 to December 31, 2020

N/A

Program Fiscal Expenditures: January 1, 2020 to December 31, 2020

Actual expenses were \$1,813,363.

Program Progress Summary: N/A