

Report
03/01/2022


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March 1, 2022

VIA ELECTRONIC MAIL: jharlow@psc.state.fl.us

Ms. Judy G. Harlow, Director
Division of Economics
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

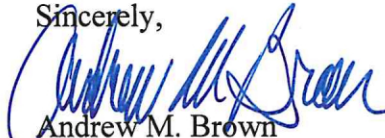
Re: Peoples Gas System's Summary
of 2021 DSM Program Accomplishments
Undocketed: 20220000-OT

Dear Ms. Harlow:

Enclosed for filing is Peoples Gas System's Summary of 2021 Demand Side Management Program Accomplishments.

Your assistance in this matter is greatly appreciated.

Sincerely,


Andrew M. Brown

AB/plb
Enclosure
cc:

Ms. Paula K. Brown (w/o enc.)
Ms. Karen Bramley (w/o enc.)



TECO.
PEOPLES GAS
AN EMERA COMPANY

2021

**DEMAND SIDE MANAGEMENT PROGRAM
ACCOMPLISHMENTS**

FILED: March 1, 2022

**PEOPLES GAS SYSTEM - SUMMARY OF 2021
DEMAND SIDE MANAGEMENT PROGRAM ACCOMPLISHMENTS**

Peoples Gas System (“Peoples”) received approval of Demand Side Management (“DSM”) goals to fully meet the requirements of the Florida Energy Efficiency and Conservation Act (“FEECA”) in Docket No. 20180186-GU, by Consummating Order No. PSC-2019-0390-CO-GU, on September 20, 2019.

For 2021, Peoples achieved all of its annual residential, commercial, and combined DSM Goals. The company achieved the following incremental natural gas savings – Annual Energy (“AE”) in Therms at the meter:

<u>2021 Residential Goals</u>	<u>Actual Residential DSM Achieved</u>
AE: 355,569 Therms	AE: 425,798 Therms
<u>2021 Commercial Goals</u>	<u>Actual Commercial DSM Achieved</u>
AE: 227,968 Therms	AE: 292,210 Therms
<u>2021 Combined Goals</u>	<u>Actual Combined DSM Achieved</u>
AE: 583,537 Therms	AE: 718,008 Therms

Peoples’ 2019-2028 DSM Plan was approved by the Commission in Docket No. 20190210-EG, by Consummating Order No. PSC-2021-0270-CO-EG, on July 27, 2021, and implemented on August 1, 2021. Peoples has organized all annual program data, including costs and participation, to reflect the parameters of the approved DSM Plan. In addition to changes to the incentive levels for some of the programs, Peoples’ approved Plan changed some of the names of its existing programs. Peoples will continue to use the term “Retention”, which is the replacement of natural gas equipment with new, energy efficient natural gas equipment. Peoples will now use the term “Retrofit”, rather than “Replacement”, to refer to the replacement of electric equipment with new, energy-efficient natural gas equipment.

Additionally, individual program pages for Residential and Commercial Gas Space Conditioning have been removed, as those measures have been subsumed into other programs according to their respective retention or retrofit applications. Small Package Cogeneration, now known as Commercial Retrofit Combined Heat and Power, has been changed to show the new name and elimination of the retention application. The Oil Heat Replacement page has been updated to show that the program was closed to new customers on December 31, 2021. Peoples continues to seek out contractors to facilitate its Commercial Walkthrough Energy Audit.

For 2021, Peoples remains committed to offering DSM programs that advance the policy objectives of FEECA, are directly monitorable and yield measurable results, and are cost-effective to deliver. The company will continue its advertising campaign of print media and television advertisements aimed at educating customers on opportunities to participate in programs to assist in meeting their energy efficiency requirements. Peoples will include bill inserts to provide additional communication and education of the company’s DSM programs and the new energy audit opportunities.

The attached pages present individual program participation levels and summaries that demonstrate the company achievements in 2021, as described in Rule 25-17.0021(5), Florida Administrative Code.

Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: RESIDENTIAL CUSTOMER ASSISTED AUDIT
 Program Start Date: April 2020
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019				PROGRAM NOT YET LAUNCHED.					
2020	388,247	388,247	3,500	3,500	0.9%	4,878	4,878	1.3%	1,378
2021	406,339	406,339	4,500	8,000	2.0%	7,983	12,861	3.2%	4,861
2022									
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation	Participants
	@ Meter	4,878
Annual Therms Reduction	0.000	Program Total @ Meter 0

Utility Incentive Cost per Installation (\$): 26
 Total Incentive Program Cost of the Utility (\$000): 125.0
 Note 1: Annual Therms reduction amount is based upon actual measures rebated.

Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: RESIDENTIAL NEW CONSTRUCTION
 Program Start Date: September 1990
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019	368,228	16,076	8,300	8,300	51.6%	10,923	10,923	67.9%	2,623
2020	388,247	21,900	8,500	16,800	44.2%	10,344	21,267	56.0%	4,467
2021	406,339	20,452	8,700	25,500	43.6%	10,829	32,096	54.9%	6,596
2022									
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation	Participants
	<u>@ Meter</u>	<u>Program Total</u>
Annual Therms Reduction	28.074	10,829 304,013

Utility Incentive Cost per Installation (\$): 828
 Total Incentive Program Cost of the Utility (\$000): 8,961.3
 Note 1: Annual Therms reduction amount is based upon actual measures rebated.

Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: RESIDENTIAL RETROFIT
 Program Start Date: September 1990
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019	368,228	368,228	2,268	2,268	0.6%	1,549	1,549	0.4%	(719)
2020	388,247	388,247	2,311	4,579	1.2%	1,786	3,335	0.9%	(1,244)
2021	406,339	406,339	2,420	6,999	1.7%	1,477	4,812	1.2%	(2,187)
2022									
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation @ Meter	Participants Program Total @ Meter
Annual Therms Reduction	15.750	1,477 23,263

Utility Incentive Cost per Installation (\$): 446
 Total Incentive Program Cost of the Utility (\$000): 658.6

Note 1: Annual Therms reduction amount is based upon actual measures rebated.

Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: RESIDENTIAL RETENTION
 Program Start Date: September 1990
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019	368,228	368,228	15,483	15,483	4.2%	10,909	10,909	3.0%	(4,574)
2020	388,247	388,247	15,849	31,332	8.1%	12,821	23,730	6.1%	(7,602)
2021	406,339	406,339	16,400	47,732	11.7%	9,988	33,718	8.3%	(14,014)
2022									
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation	Participants
	@ Meter	9,988
Annual Therms Reduction	9.864	98,522

Utility Incentive Cost per Installation (\$): 400
 Total Incentive Program Cost of the Utility (\$000): 3,999.9
 Note 1: Annual Therms reduction amount is based upon actual measures rebated.

Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: OIL HEAT REPLACEMENT
 Program Start Date: September 1990
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019	368,228	368,228	0	0	0.0%	0	0	0.0%	0
2020	388,247	388,247	0	0	0.0%	2	2	0.0%	2
2021	406,339	406,339	0	0	0.0%	1	3	0.0%	3
2022	THIS PROGRAM WAS CLOSED TO NEW CUSTOMERS ON DECEMBER 31, 2021.								
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation @ Meter	Participants Program Total @ Meter
Annual Therms Reduction	0.000	1 0

Utility Incentive Cost per Installation (\$): 330
 Total Incentive Program Cost of the Utility (\$000): 0.3

Note 1: Annual Therms reduction amount is based upon actual measures rebated.

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Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: COMMERCIAL NEW CONSTRUCTION
 Program Start Date: January 2014
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019	37,267	1,521	89	89	5.9%	130	130	8.5%	41
2020	37,707	1,356	94	183	6.4%	85	215	7.5%	32
2021	38,504	1,217	96	279	6.8%	80	295	7.2%	16
2022									
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation	Participants
	@ Meter	Program Total
Annual Therms Reduction	375.794	80 30,064

Utility Incentive Cost per Installation (\$): 1,991
 Total Incentive Program Cost of the Utility (\$000): 159.3

Note 1: Annual Therms reduction amount is based upon actual measures rebated.

Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: COMMERCIAL RETROFIT
 Program Start Date: January 2014
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019	37,267	37,118	84	84	0.2%	423	423	1.1%	339
2020	37,707	37,559	86	170	0.5%	370	793	2.1%	623
2021	38,504	38,362	88	258	0.7%	318	1,111	2.9%	853
2022									
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation @ Meter	Participants Program Total @ Meter
Annual Therms Reduction	504.789	318 160,523

Utility Incentive Cost per Installation (\$): 2,580
 Total Incentive Program Cost of the Utility (\$000): 820.5

Note 1: Annual Therms reduction amount is based upon actual measures rebated.

Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: COMMERCIAL RETROFIT COMBINED HEAT AND POWER
 Program Start Date: September 1990
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019	37,267	37,118	0	0	0.0%	0	0	0.0%	0
2020	37,707	37,559	0	0	0.0%	0	0	0.0%	0
2021	38,504	38,362	0	0	0.0%	0	0	0.0%	0
2022									
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation	Participants
	<u>@ Meter</u>	<u>Program Total</u>
Annual Therms Reduction	0.000	0

Utility Incentive Cost per Installation (\$): 0
 Total Incentive Program Cost of the Utility (\$000): 0.0

Note 1: Annual Therms reduction amount is based upon actual measures rebated.

Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: COMMERCIAL ELECTRIC REPLACEMENT
 Program Start Date: September 1990
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019	37,267	37,118	1	1	0.0%	0	0	0.0%	(1)
2020	37,707	37,559	1	2	0.0%	0	0	0.0%	(2)
2021	38,504	38,362	1	3	0.0%	0	0	0.0%	(3)
2022									
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation	Participants
	@ Meter	Program Total
Annual Therms Reduction	796.395	0

Utility Incentive Cost per Installation (\$): 0
 Total Incentive Program Cost of the Utility (\$000): 0.0

Note 1: Annual Therms reduction amount is based upon actual measures rebated.

Demand Side Management Annual Report

Utility: Peoples Gas System
 Program Name: COMMERCIAL RETENTION
 Program Start Date: January 2014
 Reporting Period: Annual 2021

a	b	c	d	e	f	g	h	i	j
Year	Total Number of Customers	Total Number of Eligible Customers	Total Number of Projected Participants	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(e/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(h/c)x100]	Actual Participation Over (Under) Projected Participants (h-e)
2019	37,267	37,118	279	279	0.8%	378	378	1.0%	99
2020	37,707	37,559	285	564	1.5%	243	621	1.7%	57
2021	38,504	38,362	293	857	2.2%	307	928	2.4%	71
2022									
2023									
2024									
2025									
2026									
2027									
2028									

Annual Demand and Energy Savings - 2021, Note 1

	Per Installation @ Meter	Participants Program Total @ Meter
Annual Therms Reduction	331.023	101,624

Utility Incentive Cost per Installation (\$): 1,707

Total Incentive Program Cost of the Utility (\$000): 524.1

Note 1: Annual Therms reduction amount is based upon actual measures rebated.

Comparison of Annual Achieved Therm Reductions
 with Public Service Commission Established Goals
 Savings at the Meter

Utility: PEOPLES GAS SYSTEM

Year	Residential		
	Annual Energy (Therms) Reduction		
	Total	Commission	%
	Achieved	Approved Goal	Variance
2019	392,946	338,439	116.1%
2020	417,052	347,108	120.2%
2021	425,798	355,569	119.8%
2022			
2023			
2024			
2025			
2026			
2027			
2028			

Year	Commercial		
	Annual Energy (Therms) Reduction		
	Total	Commission	%
	Achieved	Approved Goal	Variance
2019	375,139	216,155	173.6%
2020	285,662	222,062	128.6%
2021	292,210	227,968	128.2%
2022			
2023			
2024			
2025			
2026			
2027			
2028			

Year	Combined		
	Annual Energy (Therms) Reduction		
	Total	Commission	%
	Achieved	Approved Goal	Variance
2019	768,085	554,594	138.5%
2020	702,714	569,170	123.5%
2021	718,008	583,537	123.0%
2022			
2023			
2024			
2025			
2026			
2027			
2028			

Comparison of Cumulative Achieved Therm Reductions
 with Public Service Commission Established Goals
 Savings at the Meter

Utility: PEOPLES GAS SYSTEM

Year	Residential		
	Annual Energy (Therms) Reduction		
	Commission		
	Total	Approved	%
Achieved	Goal	Variance	
2019	392,946	338,439	116.1%
2020	809,998	685,548	118.2%
2021	1,235,796	1,041,116	118.7%
2022			
2023			
2024			
2025			
2026			
2027			
2028			

Year	Commercial		
	Annual Energy (Therms) Reduction		
	Commission		
	Total	Approved	%
Achieved	Goal	Variance	
2019	375,139	216,155	173.6%
2020	660,801	438,217	150.8%
2021	953,011	666,184	143.1%
2022			
2023			
2024			
2025			
2026			
2027			
2028			

Year	Combined		
	Annual Energy (Therms) Reduction		
	Commission		
	Total	Approved	%
Achieved	Goal	Variance	
2019	768,085	554,594	138.5%
2020	1,470,799	1,123,764	130.9%
2021	2,188,807	1,707,301	128.2%
2022			
2023			
2024			
2025			
2026			
2027			
2028			