



May 17, 2024

VIA ELECTRONIC FILING

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

Re: Docket No. 20240018-EG;
Commission Review of Numeric Conservation Goals (Peoples Gas System, Inc.)

Dear Mr. Teitzman:

Please find attached for filing in the above-styled matter Peoples Gas System, Inc.'s Response to Staff's First Data Request (Nos. 1-7), served on April 17, 2024.

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads 'V. Ponder'.

Virginia Ponder

VLP/ne
Attachment

cc: Greg Davis gdavis@psc.state.fl.us
Rhonda Hicks rhicks@psc.state.fl.us
All Parties of record

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing response filed on behalf of Peoples Gas System, Inc., has been furnished by electronic mail on this 17th day of May, 2024 to the following:

Jacob Imig
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ATTORNEY

**PEOPLES GAS SYSTEM, INC.
DOCKET NO. 20240018-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO. 1
BATES PAGE(S): 1-126
FILED: MAY 17, 2024**

- 1.** Please refer to witness Morgan's direct testimony, page 5, lines 12 through 19. Please provide a copy of the study discussed regarding residential customer gas appliance adoption rates. As part of the response, for those items or inserts produced using Microsoft Excel, include the file with links and formulas intact

- A.** Please see the attached documents on Bates Stamped ("BS") pages 2-125 for the completed survey forms and the Microsoft Excel file entitled "(BS 126) Residential Market Survey Results.xls" on the attached USB drive.

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Gianna

Work Order #: 10060478

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50gal	Efficiency: high
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: high	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Elenaor Vazquez

Work Order #: 10060270

Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:	Yes		
	<u>Tank</u>	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David Klee

Work Order #: 10058941

Weatherization Qualified: Yes or No – this was propane not natural gas – for cooking only all rest was electric.

Gas Cooking:			
YES	Range	Cooktop	None
Gas Dryer:		NO	
	Yes	No	
Gas Water Heater:		NO	
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10060574

Weatherization Qualified: Yes or No No

Gas Cooking:	<input checked="" type="radio"/>		
	Range	Cooktop YES	None
Gas Dryer:			
	Yes	No <input checked="" type="radio"/>	
Gas Water Heater:			
	Tank YES	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No <input checked="" type="radio"/>	
Natural Gas Generator:	Yes	No YES	
No Gas			



11/16/2022

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Claire*

Work Order #: *10060891*

Weatherization Qualified: Yes or No

Gas Cooking:			
<input checked="" type="checkbox"/>	<u>Range</u>	<u>Cooktop</u>	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
<i>Gas fireplace</i>			
No Gas			

Paragraph Sensitivity Styles

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Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10060649

Weatherization Qualified: Yes or No -- NO



Gas Cooking:			
	Range	Cooktop	None
	NO	NO	NONE
Gas Dryer:			
	Yes	No <u>NO</u>	
Gas Water Heater:			
	Tank YES	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No <u>NO</u>	
Natural Gas Generator:	Yes	No <u>NO</u>	
No Gas			



References Mailings Review View Help Table Design Layout

Paragraph Sensitivity Styles

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Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10060486

Weatherization Qualified: Yes or No - NO



Gas Cooking:			
	Range	Cooktop	None
	NO	NO	NONE
Gas Dryer:			
	Yes	No	
	YES		
Gas Water Heater:			
	Tank YES	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes <u>YES</u>	No	
Natural Gas Generator:	Yes	No <u>NO</u>	
No Gas			



Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David

Work Order #: 10060091

Weatherization Qualified: Yes or No

Not a People's Gas Customer

Gas Cooking:			
	Range	Cooktop	None
	Double oven was electric		
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 60	Efficiency: 65%? Not condensing
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: 10060466

Work Order #: Claire

Weatherization Qualified: Yes or **No**

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Clair*
 Work Order #: *10060400*
 Weatherization Qualified: Yes or NO

Gas Cooking:	<u>Range</u>	<u>Cooktop</u>	None
Gas Dryer:	YES	NO	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>60</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	No	
NO GAS			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Claire F
 Work Order #: 10060344
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
<u>Gas Dryer:</u>			
	<u>Yes</u>	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>50</u>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
<u>Gas Furnace:</u>	<u>Yes</u>	No	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Clair F
 Work Order #: 16659924
 Weatherization Qualified: Yes or No (No)

Gas Cooking:	<u>Range</u>	<u>Cooktop</u>	None
Gas Dryer:	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>60</u>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
<u>Gas Furnace:</u>	<u>Yes</u>	No	
Natural Gas Generator:	Yes	No	
NO GAS			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Ron MARSHALL*

Work Order #: *10060273*

Weatherization Qualified: Yes or **No**

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Jackie Hines*

Work Order #: *10060108*

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>40</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Jackie Hines*

Work Order #: *10059702*

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>40</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>NO</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Jackie Hines*

Work Order #: *10059986*

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	<u>Cooktop</u>	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>40</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10060565*
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:	 <i>N/A</i>		
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas		<u>GAS POOL HEATER</u>	

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10060433
 Weatherization Qualified: Yes or No

Gas Cooking:	<u>Range</u>	Cooktop	None
Gas Dryer:	<u>Yes</u>	No	
Gas Water Heater:	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency: <u>90</u>	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas		<u>NO GAS POOL HEATER</u>	

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candice*

Work Order #: *10060387*

Weatherization Qualified: Yes or **No**

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
<i>N/A</i>	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

GAS POOL HEATER

Residential Natural Gas Market Survey

ms

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Carclace*

Work Order #: *10059841*

Weatherization Qualified: Yes or **No**

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10060245*
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>50.0</i>	Efficiency: <i>, 95</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Ken Marshall*

Work Order #: *10060959*

Weatherization Qualified: Yes or No

Gas Cooking:	<u>Range</u>	<u>Cooktop</u>	None
Gas Dryer:	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>60</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10060973*
 Weatherization Qualified: *Yes or No*

Gas Cooking:			
	Range	Cooktop	<input checked="" type="radio"/> None
Gas Dryer:			
	Yes	<input checked="" type="radio"/> No	
Gas Water Heater:			
	<input checked="" type="radio"/> Tank	Gallons: <i>50</i>	Efficiency: <i>90</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<input checked="" type="radio"/> No	
Natural Gas Generator:	Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10060896*
 Weatherization Qualified: Yes or No

Gas Cooking:	<input checked="" type="radio"/> Range	Cooktop	None
Gas Dryer:	Yes	<input checked="" type="radio"/> No	
Gas Water Heater:			
	<input checked="" type="radio"/> Tank	Gallons: <i>.50</i>	Efficiency: <i>.90</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<input checked="" type="radio"/> Yes	No	
Natural Gas Generator:	Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10061625
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>50</u>	Efficiency: <u>90</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas		<u>GAS POOL HEATER</u>	

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10060920
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency: <u>0.95</u>	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas <u>AC GAS POOL HEATER</u>			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*

Work Order #: *10060302*

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	<u>Cooktop</u>	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>50</i>	Efficiency: <i>90</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10059575

Weatherization Qualified: Yes or No ~~NO~~

Gas Cooking:			
	Range	Cooktop YES	None
Gas Dryer:			
	Yes YES	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons: 40(unable to see/ based on what customer said)	
	Tankless YES	Efficiency:	Energy star YES
Gas Furnace:	Yes YES	No	
Natural Gas Generator:	Yes	No NO	
No Gas			



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References Mailings Review View Help

Paragraph Sensitivity Styles

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Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: JOHANNA PALACIO

Work Order #: 10060173

Weatherization Qualified: Yes or No -- YES

Gas Cooking:	<input type="radio"/>		
	Range YES	Cooktop	None
Gas Dryer:			
	Yes	No NO	
Gas Water Heater:			
	Tank YES	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No NO	
Natural Gas Generator:	Yes	No NO	



Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10058719

Weatherization Qualified: Yes or No NO

Gas Cooking:			
	Range	Cooktop	None
	YES		
Gas Dryer:			
	Yes	No <u>NO</u>	
Gas Water Heater:			
	Tank YES	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes <u>YES</u>	No	
Natural Gas Generator:	Yes	No <u>NO</u>	
No Gas			



Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10060524

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
		YES	
Gas Dryer:			
	Yes	No <input checked="" type="radio"/>	
Gas Water Heater:			
	Tank YES	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes <input checked="" type="radio"/> (2)	No	
Natural Gas Generator:	Yes	No <input checked="" type="radio"/>	
No Gas			

Residential Natural Gas Market Survey

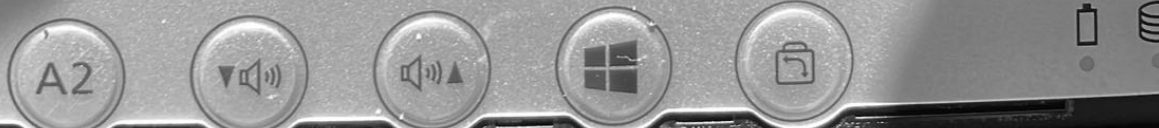
Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10059979

Weatherization Qualified: Yes or No NO

Gas Cooking:			
	Range	Cooktop	None
		YES	
Gas Dryer:			
	Yes	No <input checked="" type="radio"/> NO	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless YES	Efficiency: 40 gal	ENERGY STAR
Gas Furnace:	Yes <input checked="" type="radio"/> YES	No	
Natural Gas Generator:	Yes	No <input checked="" type="radio"/> NO	
No Gas			



Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency, as needed

Analyst Name: Olivia Connors
 Work Order #: 10062306
 Weatherization Qualified: Yes or No (No)

Gas Cooking:	<u>Range</u>	Cooktop	None
Gas Dryer:	<u>Yes</u>	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
	Yes No		
Natural Gas Generator:	Yes	<u>No</u>	
NE 1216			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed

Analyst Name: Olivia Connors
 Work Order #: 10062321
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	<u>Cooktop</u>	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>50</u>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
	<u>2</u>		
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *David*
 Work Order #: *10062684*

Weatherization Qualified: Yes or No

only gas

Gas Cooking:			
	Range	<i>Propane</i> <u>Cooktop</u>	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:		<u>No</u>	
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Whitney

Work Order #: 10059614

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Marco Burgos

Work Order #: 10060188

Weatherization Qualified: Yes or No

Gas Cooking:	X	N/A	N/A
	Range	Cooktop	None
Gas Dryer:	X	N/A	
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 40	Efficiency: N/A
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Marco Burgos

Work Order #: 10059521

Weatherization Qualified: Yes or No

Gas Cooking:	X	N/A	N/A
	Range	Cooktop	None
Gas Dryer:	X	N/A	
	Yes	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	9.5 Gal
	Tankless	Efficiency:	UEF - 0.92
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Gianna

Work Order #: 10059999

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: high	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10062401

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10061654

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10059761

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10059761

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10062347

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10060943

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10059645

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Claire*
 Work Order #: *10059797*
 Weatherization Qualified: Yes or **No**

Gas Cooking:			
	<input checked="" type="radio"/> Range	<input type="radio"/> Cooktop	<input type="radio"/> None
Gas Dryer:			
	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Gas Water Heater:			
	<input checked="" type="radio"/> Tank	Gallons: <i>80</i>	Efficiency:
	<input type="radio"/> Energy Star Tank	Gallons:	
	<input type="radio"/> Tankless	Efficiency:	
Gas Furnace:	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Natural Gas Generator:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Clair*
 Work Order #: *10059821*
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>80</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Clare*
 Work Order #: *10059486*
 Weatherization Qualified: Yes or **No**

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: <i>80</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10060463

Weatherization Qualified: Yes or No -- NO

Gas Cooking:			
	Range	Cooktop	None
		YES	
Gas Dryer:			
	Yes	No	
	YES		
Gas Water Heater:	NO		
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes - YES	No	
Natural Gas Generator:	Yes	No <u>NO</u>	
No Gas			



Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10063041

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: Set to 120	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10063591

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 80	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes—3 furnaces	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10063490

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10063313
 Weatherization Qualified: Yes or No

Gas Cooking:	<u>Range</u>	Cooktop	None
Gas Dryer:	<u>Yes</u>	No	
Gas Water Heater:	<u>Tank</u>	Gallons: <u>50</u>	Efficiency: <u>.90</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas		<u>POOL HEATER</u>	

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10063494

Weatherization Qualified: Yes or No / NO

Gas Cooking:			
	Range	Cooktop	None
	YES		
Gas Dryer:			
	Yes	No	
		NO	
Gas Water Heater:	YES		
	Tank YES	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
		NO	
Natural Gas Generator:	Yes	No	
		NO	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10063494

Weatherization Qualified: Yes or No / NO

Gas Cooking:			
	Range	Cooktop	None
	YES		
Gas Dryer:			
	Yes	No	
		NO	
Gas Water Heater:	YES		
	Tank YES	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
		NO	
Natural Gas Generator:	Yes	No	
		NO	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Gianna

Work Order #: 10063858

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50gal	Efficiency: high
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: high	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David Klee

Work Order #: 10063544

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency: 70%
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Use circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Installer Name: Mike Rheads

Work Order #: 10063739

Authorization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Mike Rhoads
 Work Order #: 10064255
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	Tank	Gallons: <u>50</u>	Efficiency: <u>?</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u> <u>2 units</u>	No	
al Gas Generator:	Yes	<u>No</u>	

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10063884

Weatherization Qualified: Yes or No

Gas Cooking:	<u>Propane</u>		
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:		<u>No</u>	
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	<u>Yes</u>	No	
	<u>Propane</u>		
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: J. Hines
 Work Order #: 10062541
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>40</u>	Efficiency: <u>NOT AVAILABLE</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Gianna

Work Order #: 10063863

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50gal	Efficiency: high
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: high	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10063607

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10063676

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10063996

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10063205

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: MIKE
 Work Order #: 10064238
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>80</u>	Efficiency: <u>0.75</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	

No Gas

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: MIKE
 Work Order #: 10064238
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>80</u>	Efficiency: <u>0.75</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	

No Gas

Please circle one option for each gas appliance listed below and complete the gallons and efficiency.

Analyst Name: Mike
 Work Order #: 10065099
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency:	
Gas Furnace:			
	<u>Yes</u>	No	
Natural Gas Generator:			
	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

1/26/23

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David K

Work Order #: 10064391

Weatherization Qualified: Yes or No

sent to James
1/26/23

Gas Cooking:	<input checked="" type="radio"/> Range	<input checked="" type="radio"/> Cooktop	<input type="radio"/> None
Gas Dryer:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Gas Water Heater:			
	<input checked="" type="radio"/> Tank	Gallons: 40	Efficiency: .80
	<input type="radio"/> Energy Star Tank	Gallons:	
	<input type="radio"/> Tankless	Efficiency:	
Gas Furnace:	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Natural Gas Generator:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David
 Work Order #: 10065141

2/3/23

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>50</u>	Efficiency: <u>70%?</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David
 Work Order #: 10064405
 Weatherization Qualified: Yes or No

2/2/23

Gas Cooking:	<input checked="" type="radio"/> Range	<input checked="" type="radio"/> Cooktop	None
Gas Dryer:	Yes	<input checked="" type="radio"/> No	
Gas Water Heater:	<input checked="" type="radio"/> Tank	Gallons: <u>40</u>	Efficiency: <u>70</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<input checked="" type="radio"/> Yes	No	
Natural Gas Generator:	Yes	<input checked="" type="radio"/> No	
No Gas			

431 day

lit-11274

5715

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *David*

Work Order #: *10064638*

Weatherization Qualified: Yes or No

1/31/23

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Gianna

Work Order #: 10065256

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 80gal	Efficiency: high
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: high	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *David*
 Work Order #: *10065246*

Weatherization Qualified: Yes or No

2/7/23

Gas Cooking:	<u>Range</u>	Cooktop	None
		<i>Propane</i>	
Gas Dryer:	Yes	<u>No</u>	
Gas Water Heater:	<i>N/A</i>		
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *David*
 Work Order #: *10065246*

Weatherization Qualified: Yes or No

2/7/23

Gas Cooking:	<u>Range</u>	Cooktop	None
		<i>Propane</i>	
Gas Dryer:	Yes	<u>No</u>	
Gas Water Heater:	<i>N/A</i>		
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Ren M.*
 Work Order #: *10065015*
 Weatherization Qualified: Yes or **No**

Gas Cooking:	<input checked="" type="radio"/> Range	<input checked="" type="radio"/> Cooktop	<input type="radio"/> None
Gas Dryer:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Gas Water Heater:			
	<input checked="" type="radio"/> Tank	Gallons: <i>40</i>	Efficiency:
	<input type="radio"/> Energy Star Tank	Gallons:	
	<input type="radio"/> Tankless	Efficiency:	
Gas Furnace:	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Natural Gas Generator:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Ren M.*

Work Order #: *100641395*

Weatherization Qualified: *(Yes)* or No

Gas Cooking:	<input checked="" type="radio"/> Range	<input checked="" type="radio"/> Cooktop	<input type="radio"/> None
Gas Dryer:	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Gas Water Heater:			
	<input checked="" type="radio"/> Tank	Gallons: <i>40</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Natural Gas Generator:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Ron M.*

Work Order #: *10064339*

Weatherization Qualified: Yes or **(No)**

Gas Cooking:	<input checked="" type="radio"/> Range	<input checked="" type="radio"/> Cooktop	None
Gas Dryer:	<input checked="" type="radio"/> Yes	No	
Gas Water Heater:	<input checked="" type="radio"/> Tank	Gallons: <i>40</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<input checked="" type="radio"/> Yes	No	
Natural Gas Generator:	Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Ron MARSHALL*

Work Order #: *10064376*

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	<u>Cooktop</u>	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>40</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *for MARSHALL*

Work Order #: *10063843*

Weatherization Qualified: Yes or **No**

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: <i>50</i>	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Ron Marshall*

Work Order #: *10064047*

Weatherization Qualified: Yes or No

Gas Cooking:			
	<input checked="" type="radio"/> Range	Cooktop	None
Gas Dryer:			
	Yes	<input checked="" type="radio"/> No	
Gas Water Heater:			
	<input checked="" type="radio"/> Tank	Gallons: <i>40</i>	Efficiency: <i>.65</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<input checked="" type="radio"/> No	
Natural Gas Generator:	Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Caroline*

Work Order #: *10063726*

Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater: <i>N/A</i>			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas <i>gas pool heater</i>			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10063525
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater: <u>X</u>			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace: <u>X</u>	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10063577*

Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>50</i>	Efficiency: <i>95</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10065138*
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<input checked="" type="radio"/> Range	Cooktop	None
Gas Dryer:			
	Yes	<input checked="" type="radio"/> No	
Gas Water Heater:			
	<input checked="" type="radio"/> Tank	Gallons: <i>60</i>	Efficiency: <i>90</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<input checked="" type="radio"/> Yes	No	
Natural Gas Generator:	Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10065146*
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<input checked="" type="radio"/> None
Gas Dryer:			
	Yes	<input checked="" type="radio"/> No	
Gas Water Heater:			
	<input checked="" type="radio"/> Tank	Gallons: <i>60</i>	Efficiency: <i>90</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<input checked="" type="radio"/> Yes	No	
Natural Gas Generator:	Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10063830
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u> X2	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>50</u>	Efficiency: <u>.90</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10064384
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	<u>Cooktop</u>	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:	<u>N/A</u>		
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10065237
 Weatherization Qualified: Yes or (No)

Gas Cooking:			
	Range	<u>Cooktop</u>	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency: <u>.95</u>	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10065348*
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>60</i>	Efficiency: <i>90</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10065474*
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<input checked="" type="radio"/> Range	Cooktop	None
Gas Dryer:			
	Yes	<input checked="" type="radio"/> No	
Gas Water Heater:	<i>N/A</i>		
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<input checked="" type="radio"/> No	
Natural Gas Generator:	Yes	<input checked="" type="radio"/> No	
No Gas			

2-23-23

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David
Work Order #: 10065399
Weatherization Qualified Yes or No

Gas Cooking:	<input checked="" type="radio"/> Range	<input checked="" type="radio"/> Cooktop	None
Gas Dryer:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Gas Water Heater:	<input checked="" type="radio"/> Tank	Gallons: <u>40</u>	Efficiency: <u>70%?</u>
	<input type="radio"/> Energy Star Tank	Gallons:	
	<input type="radio"/> Tankless	Efficiency:	
Gas Furnace:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Natural Gas Generator:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David

3/27/2023

Work Order #: 10066482

Weatherization Qualified: Yes or No

Propane cooking & water heating – plans to go to electric

Gas Cooking:			
	Range	Cooktop	None
	Yes	Yes	
Gas Dryer:			
	Yes	No	
Gas Water Heater:		Yes	
	Tank	Gallons: 50	Efficiency: 70%
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David

3/28/2023

Work Order #: 10066743

Weatherization Qualified: Yes or No

Propane for cooking only

Gas Cooking:			
	Range	Cooktop	None
	Yes	Yes	
Gas Dryer:			
	Yes	No	
Gas Water Heater:		NO	
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Thurs
3/23

Residential Natural Gas Market Survey

3/2/23

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David
 Work Order #: 10066047
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>40</u>	Efficiency: <u>70%</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *David*
 Work Order #: *10066413*

3/13/23

Weatherization Qualified Yes or No

Gas Cooking:	Range	Cooktop	<input checked="" type="radio"/> None
Gas Dryer:	<input checked="" type="radio"/> Yes	No	<i>Propane</i>
Gas Water Heater:	<input checked="" type="radio"/> Tank	<i>Propane</i>	Gallons: <i>40</i> Efficiency: <i>67</i> <i>(old)</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<input checked="" type="radio"/> No	
Natural Gas Generator:	Yes	<input checked="" type="radio"/> No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David

Work Order #: 10067560

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency: 70 %
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Gianna

Work Order #: 10067438

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 40gal	Efficiency: high
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: high	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Gianna

Work Order #: 10067722

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: high	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10067843

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10068041

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10067494

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10067494

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10068231

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10065236

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 50	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10067860

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	2
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Olivia Connors

Work Order #: 10067809

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 38	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10068385

Weatherization Quali Yes or No / NO

Gas Cooking:			
	Range	Cooktop	None
	YES		
Gas Dryer:			
	Yes	No	
		NO	
Gas Water Heater:	YES		
	Tank YES	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
	YES		
Natural Gas Generator:	Yes	No	
		NO	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Johanna palacio

Work Order #: 10067885

Weatherization Qualified: Yes or No / NO

Gas Cooking:			
	Range	Cooktop	None
	YES		
Gas Dryer:			
	Yes	No	
	YES		
Gas Water Heater:	NO		
	Tank YES	Gallons: 40	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
	YES		
Natural Gas Generator:	Yes	No	
		NO	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Gianna

Work Order #: 10068314

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 81gal	Efficiency: high
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: high	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David

Work Order #: 10068131

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 40	Efficiency: 70%
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Gianna

Work Order #: 10068314

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons: 81gal	Efficiency: high
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: high	
Gas Furnace:	Yes	No	
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: David

Work Order #: 10067643

Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	None
	Yes	Yes	
Gas Dryer:			
	Yes	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency: ???	
Gas Furnace:	Yes	No	
	3 units		
Natural Gas Generator:	Yes	No	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: *Candace*
 Work Order #: *10063283*
 Weatherization Qualified: *Yes* or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <i>750</i>	Efficiency: <i>.90</i>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	<u>Yes</u>	No	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace

Work Order #: 10064372

Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>50</u>	<u>.90</u> Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace

Work Order #: 10063994

Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency:	<u>95</u>
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas		<u>POOL HEATER</u>	

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10066069
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency: <u>.95</u>	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10066069
 Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer:			
	<u>Yes</u>	No	
Gas Water Heater:			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	<u>Tankless</u>	Efficiency: <u>.95</u>	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace
 Work Order #: 10065776
 Weatherization Qualified: Yes or No

Gas Cooking:	<u>Range</u>	Cooktop	None
Gas Dryer:	<u>Yes</u>	No	
Gas Water Heater: X	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace: X	Yes	<u>No</u>	
Natural Gas Generator: X	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace

Work Order #: 10065773

Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer: <u>X</u>			
	Yes	<u>No</u>	
Gas Water Heater: <u>X</u>			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace: <u>X</u>	Yes	<u>No</u>	
Natural Gas Generator: <u>X</u>	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Candace

Work Order #: 10065773

Weatherization Qualified: Yes or No

Gas Cooking:			
	<u>Range</u>	Cooktop	None
Gas Dryer: <u>X</u>			
	Yes	<u>No</u>	
Gas Water Heater: <u>X</u>			
	Tank	Gallons:	Efficiency:
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace: <u>X</u>	Yes	<u>No</u>	
Natural Gas Generator: <u>X</u>	Yes	<u>No</u>	
No Gas			

Residential Natural Gas Market Survey

Please circle one option for each gas appliance listed below and complete the gallons and efficiency as needed.

Analyst Name: Sandra
 Work Order #: 10065441
 Weatherization Qualified: Yes or No

Gas Cooking:			
	Range	Cooktop	<u>None</u>
Gas Dryer:			
	Yes	<u>No</u>	
Gas Water Heater:			
	<u>Tank</u>	Gallons: <u>60</u>	Efficiency: <u>95</u>
	Energy Star Tank	Gallons:	
	Tankless	Efficiency:	
Gas Furnace:	Yes	<u>No</u>	
Natural Gas Generator:	Yes	<u>No</u>	
No Gas			

**PEOPLES GAS SYSTEM, INC.
DOCKET NO. 20240018-EG
STAFF'S FIRST DATA REQUEST
REQUEST NO. 2
BATES PAGE(S): 127-144
FILED: MAY 17, 2024**

2. Please refer to witness Morgan's direct testimony, Exhibit CTM-1, Document Nos. 1 through 6. Please provide an electronic copy of each document in its native format, and for those items or inserts produced using Microsoft Excel, include the file with links and formulas intact.

A. Please see following files on the attached USB drive:

- (BS 128) Document No. 1- TP Measure List.doc
 - (BS 129) 2023 Measure List.xls (shows the measure list in Excel format)
- (BS 130) Document No. 2- TP Breakdown.doc
 - (BS 131) PGS Technical Potential 2025.xls (shows the input data for the pie charts presented in Document No. 2)
- (BS 132) Document No. 3- Technical Potential Measure Data.doc
- (BS 133) Document No. 4- Cost Effectiveness Scores.doc
 - The following Microsoft Excel files show the calculations of the cost-effectiveness scores and electronic copies of the C.B. Forms:
 - (BS 134) 1 Res New Construction EG.xls
 - (BS 135) 2 Res Retrofit EG.xls
 - (BS 136) 3 Res Retention GG.xls
 - (BS 137) 4 Comm New Construction EG.xls
 - (BS 138) 5 Comm Retrofit EG.xls
 - (BS 139) 6 Commercial Retro CHP EG.xls
 - (BS 140) 7 Comm Electric Replacement.xls
 - (BS 141) 8 Comm Retention GG.xls
- (BS 142) Document No. 5- AP Measure List.doc
- (BS 143) Document No. 6- Breakdown of Costs by Program and Year
 - (BS 144) DSM Data Needs.xls (“Participation Projections” tab, Cells AS6-BC49 show the calculation of the costs in Document No. 6)

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3. Please refer to witness Morgan's direct testimony, Exhibit CTM-1, Document No. 4. Please provide all documents the witness used to support the calculations for all data on PSC C.B. Forms 1, 2, 3, 4, and 5. As part of this response, please answer the following questions:

- a. For each program, provide the assumptions for the mix of appliances installed used to generate the average per participant values presented in C.B. Form 1. Explain how this appliance mix was determined, and provide the relevant values for each appliance (savings, rebate, etc.).
- b. Verify that the number of appliances installed and the participants are the same for each program. As part of this response, explain whether each appliance is considered a participant, or if a single participant can install multiple appliances.
- c. For each C.B. Form, 1 through 5, explain how the data was derived, including any assumptions for each of the column headings on Forms 2, 3, 4, and 5, and row headings on Form 1.

A. Please see the Microsoft Excel files provided in response to Staff's First Data Request, No. 2:

- (BS 134) 1 Res New Construction EG.xls
- (BS 135) 2 Res Retrofit EG.xls
- (BS 136) 3 Res Retention GG.xls
- (BS 137) 4 Comm New Construction EG.xls
- (BS 138) 5 Comm Retrofit EG.xls
- (BS 139) 6 Commercial Retro CHP EG.xls
- (BS 140) 7 Comm Electric Replacement.xls
- (BS 141) 8 Comm Retention GG.xls
- (BS 131) PGS Technical Potential 2025.xls
- (BS 144) DSM Data Needs.xls

Additionally, please see the following attached documents and Microsoft Excel files found on the accompanying USB drive:

- (BS 148) FSEC- Commercial building_cost_draft_Aug24.xls
- (BS 149) FSEC- Residential_cost_draft_Aug24.xls

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In developing its inputs, the company used various reports that are available online from organizations such as the U.S. Energy Information Administration (“EIA”), Energy Solutions Center, and Florida Solar Energy Center (“FSEC”). Links to the reports can be found in the notes of the attached Microsoft Excel files.

- a. Please see the Microsoft Excel file entitled “(BS 144) DSM Data Needs.xls”, “Participation Projections” tab, Column K. Peoples examined each measure offered in its DSM programs individually and projected annual participation, considering participation levels since 2019, potential program changes, and potential marketplace impacts on the appliances.

The relevant values for multi-appliance programs can be found on the “Blend Inputs” tab of the following Microsoft Excel files provided in response to Staff’s 1st Data Request, No. 2:

- (BS 134) 1 Res New Construction EG
- (BS 135) 2 Res Retrofit EG
- (BS 136) 3 Res Retention GG
- (BS 137) 4 Comm New Construction EG
- (BS 139) 5 Comm Retrofit EG
- (BS 141) 8 Comm Retention GG

The relevant values for single-appliance programs can be found on the “Input” tab of the following Microsoft Excel files provided in response to Staff’s 1st Data Request, No. 2:

- (BS 139) 6 Commercial Retro CHP EG
- (BS 140) 7 Comm Electric Replacement

- b. Yes, the number of appliances installed and the participants are the same for each program, i.e., a single participant cannot install multiple appliances.

- c. The company used the same cost-effectiveness models used in its Revised DSM Plan filing made on February 26, 2021, in Docket No. 20190210-EG and provided to staff in Staff’s Fifth Data Request, No. 7, in the same docket. The same primary sources listed on Page 8, Line 10 of Charles Morgan’s Direct Testimony filed in this docket were used to update the equipment energy savings. The company relied on its Minimum Filing Requirements, filed in Docket No. 20230023-

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GU, as the basis for many of its financial inputs and utility equipment costs. Equipment lives, customer equipment costs, and installation costs are based on data from EIA or the attached FSEC workbooks (provided in the first part of this response).

Please see the following Microsoft Excel files, provided in response to Staff's 1st Data Request, No. 2, for all assumptions and calculations:

- (BS 134) 1 Res New Construction EG
- (BS 135) 2 Res Retrofit EG
- (BS 136) 3 Res Retention GG
- (BS 137) 4 Comm New Construction EG
- (BS 138) 5 Comm Retrofit EG
- (BS 139) 6 Commercial Retro CHP EG
- (BS 140) 7 Comm Electric Replacement
- (BS 141) 8 Comm Retention GG

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4. Please provide a table comparing the Utility's proposed DSM Programs to both its existing programs' original estimates and actual observed values, showing the total number of participants per year, average therm savings per participant, and total therm savings per year.
 - a. Verify whether the proposed DSM goals are based solely on therms above baseline standard efficiencies. If not, explain why not and provide a goals value solely based on therms above baseline efficiency.
 - b. Discuss whether customers can participate and receive a rebate with a baseline efficiency unit. If so, provide an estimate for each proposed program of what percentage of customers receiving a rebate are anticipated to be getting a baseline efficiency unit versus one above baseline efficiency, and explain how the utility developed that estimate.

- A. Please see the electronic Microsoft Excel file entitled "(BS 153) Response to Staff's DR 4.xls", which is provided on the included USB drive. Please note, to get a full comparison, Peoples included its DSM programs going back to 2019; although, Peoples' current DSM programs were not approved by the Commission until July 2021.
 - a. Yes, the proposed DSM goals are based on therms above baseline standard efficiency.
 - b. The permittance of participation with a baseline efficiency unit depends on the measure. Please see the measure-by-measure breakdown below. Please note that Peoples does not currently track the efficiency of each customer installation. When customers apply for rebates, Peoples captures the model of the appliance as written by the customer, but the data is not standardized. Peoples estimated the percentage of customers installing baseline efficiency units by finding the most common model numbers entered by customers and determining the efficiency levels of those models. The company opted to present this response by measure because the efficiency requirements are consistent for measures across the different programs.

Residential

- Cooktop/Range: Customers can participate with a baseline efficiency unit. The percentage of customers who participate with a baseline efficiency unit is not known because efficiency data for residential cooktops/range models is not readily available. Per EIA, a typical 2022 unit is 5 percent more efficient than a typical 2015 unit; thus, a newer model saves therms when compared to the older model being replaced.
- Dryer: Customers can participate with a baseline efficiency unit. Peoples estimates that 30 percent of customers will participate with a baseline efficiency unit.
- Tank Water Heater: Customers can participate with a baseline efficiency unit. Peoples estimates that 25 percent of customers will participate with a baseline efficiency unit.
- Energy Star Tank Water Heater: Customers cannot participate with a baseline efficiency unit.
- Tankless Water Heater: Customers cannot participate with a baseline efficiency unit as they must install a tankless water heater, which is more efficient than a baseline efficiency tank water heater. Peoples estimates that 69 percent of all water heater rebates will be for tankless water heaters.
- Furnace: Customers can participate with a baseline efficiency unit. Peoples estimates that 99 percent of customers will participate with a baseline efficiency unit.
- Gas Space Conditioning: Customers cannot participate with a baseline efficiency unit. Customers must install a gas heat pump, which is more efficient than a baseline efficiency furnace.

Commercial

- Cooking Equipment: Customers can participate with a baseline efficiency unit, except for convection ovens, griddles, and steam cookers, which must be Energy Star-qualified. Efficiency data for cooking equipment that does not meet Energy Star requirements is not readily available. Peoples estimates that 60 percent of customers will participate with a non-Energy Star unit.
- Fryer: Customers cannot participate with a baseline efficiency unit as they must install an Energy Star-qualified fryer.

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- **Dryer:** Customers can participate with a baseline efficiency unit. The percentage of customers who participate with a baseline efficiency unit is not known. Efficiency data for commercial dryers is not readily available.
- **Tank Water Heater:** Customers cannot participate with a baseline efficiency unit as they must install an Energy Star-qualified unit or a unit with a thermal efficiency 10 percent greater than the current Federal Standard.
- **Tankless Water Heater:** Customers cannot participate with a baseline efficiency unit as they must install a tankless water heater, which is more efficient than a baseline efficiency tank water heater.
- **Gas Space Conditioning:** Customers cannot participate with a baseline efficiency unit as they must install a gas heat pump, which is more efficient than a baseline efficiency furnace.
- **Combined Heat and Power:** Customers cannot participate with a baseline efficiency unit as the measure installed will be more efficient than baseline efficiency equipment.
- **Electric Replacement:** Customers cannot participate with a baseline efficiency unit.

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5. Please verify that the second set of rebates/admin costs is due to the 20 year analysis period, pursuant to Rule 25-17.009, Florida Administrative Code, compared to a shorter than 20 year appliance life. If so, provide the estimated appliance life for each appliance included in the Utility's proposed DSM programs. If not, explain the reason for the second set of rebates/admin costs.
- A. Yes, the second set of rebates and administrative costs seen on the C.B. Forms is due to the 20-year analysis period compared to a shorter than 20-year appliance life.

See the table below for the estimated equipment life for each appliance, as ascertained from the FSEC workbooks provided in response to Staff's 1st Data Request, No. 3.

Appliance	Equipment Life
Residential	
Range/Cooktop	15
Dryer	13
Furnace	20.5
Tank Water Heater	14.5
ES Tank Water Heater	14.5
Tankless Water Heater	20
Gas Heat Pump	15
Commercial	
Fryer	15
Cooking Equipment	12
Tank Water Heater	10
Tankless Water Heater	21
Dryer	13
Gas Heat Pump	15

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6. Refer to Witness Morgan's Exhibit No. CTM-1, Document No. 2, page 1 of 2.
- a. Please explain why residential technical potential has increased from 58.6 million therms in the previous DSM goal period of 2019-2028 to 114.0 million therms in current the DSM goal period of 2025-2034.
- b. Please explain why industrial technical potential has decreased from 245.8 million therms in the previous DSM goal period of 2019-2028 to 22.4 million therms in the in current the DSM goal period 2025-2034. As part of this response, detail the industrial process category and its impact on the total decrease.
- A. a. Peoples originally filed a residential technical potential of 58.6 million therms in the previous DSM goal period of 2019-2028; however, the final residential technical potential in that proceeding was 60.1 million therms, as revised with the company's response to Staff's Second Data Request, No. 5, in Docket No. 20180186-GU.

The primary reasons for the increase in the residential technical potential between these DSM goal periods are:

- The total number of residential customers included in the base year increased from 362,478 in 2019 to 480,461 in 2025, a 33 percent increase.
- The applicable population for gas and solar pool heaters is higher in Peoples' 2025-2034 goal period. Peoples' residential market survey showed that 7 percent of customers had pool heaters. The company anticipates that 30 percent of those customers could upgrade to solar pool heaters and the rest could upgrade to the most efficient model on the market. Peoples also presumes that all of the pool heating customers could benefit from an insulating pool cover.
- Therm savings for the residential furnace measure increased due to the higher customer total, inclusion of all central heating customers (aside from those who could upgrade to a gas heat pump), and a model with higher efficiency than the one used in Peoples' prior DSM goals proceeding.

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- b. The reduction in technical potential for the industrial customer segment is primarily driven by a change in the methodology used for the Process end-use category. In determining the technical potential for the 2019-2028 DSM goals period, Peoples used equipment ratings that implied therm usage upwards of 20 million therms annually and combined heat and power output of 4.6 million therms annually. In the development of its technical potential in the current proceeding, Peoples drilled down to each industrial customer's annual therm usage. This research revealed that these customers typically use between 1 and 4 million therms annually. The therm usage for each piece of equipment was adjusted based on typical ratings found in the marketplace while ensuring that the implied therm usage fell into the appropriate range for the customers using it.

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7. Please discuss how measure development and therm savings analysis account for measure implementation in different dwellings (e.g. single-family, multi-family, and mobile homes). Please provide any supporting technical analysis in Microsoft Excel format, with formulas intact.

- A. Peoples accounted for different dwellings by using values that include all customer dwellings. For example, the number of people per household (2.57) was based on the U.S. Census' "Persons per household" in Florida, which defines a housing unit as a house, apartment, mobile home or trailer, a group of rooms, or a single room occupied as separate living quarters. The amount of hot water usage per day (56.42 gallons) was calculated using this figure entered into a formula from FSEC's "Estimating Daily Domestic Hot-Water Use in North American Homes" Report. As another example, the average home size (1,648 sq.ft.) for the HVAC end-use category was based on the average square footage for housing units in Florida from the American Housing Survey, which defines a housing unit as any house, townhouse, apartment, mobile home or trailer, single room, group of rooms, or other location that is occupied as separate living quarters.