



## ENERGY EFFICIENCY AT WASHINGTON GAS

***AltaGas***

26 January 2021

# AGENDA

## ENERGY EFFICIENCY AT WASHINGTON GAS



1.

### EE PROGRAM OVERVIEW

What does energy efficiency mean at Washington Gas?



2.

### EE BY TERRITORY

What does energy efficiency look like across MD, DC & VA and what's been accomplished so far?



3.

### FOCUS ON DC

How has Washington Gas been involved in EE efforts in the District?



4.

### NEAR-TERM EE PLAN FOR DC

How does Washington Gas plan to expand EE programs for DC?



5.

### WHAT'S IN IT FOR YOU?

What are some things that all our residential customers can do right now to save energy?

# ENERGY EFFICIENCY PROGRAMS

## OBJECTIVES, CATEGORIES & METRICS

<b>OBJECTIVE</b>	Design, develop and implement utility-led programs to promote and incentivize efficient use of natural gas and reduce energy costs for our residential, commercial, and income-qualified customers				
<b>PROGRAM CATEGORIES</b>	<b>REBATE PROGRAMS</b>	<b>EDUCATION &amp; OUTREACH</b>	<b>UTILITY COORDINATION</b>	<b>INCOME QUALIFIED</b>	<b>PILOT PROGRAMS</b>
	4 PROGRAMS	5 PROGRAMS	11 PROGRAMS	3 PROGRAMS	5 PROGRAMS
<b>PROGRAM SUCCESS METRICS</b>	Program success can take on many forms. Within WG’s territories, state regulators mainly evaluate: <ul style="list-style-type: none"> <li>• Energy saving (gas therm) performance compared to annual targets</li> <li>• Cost effectiveness</li> <li>• Servicing income-qualified customers/communities</li> </ul>				

Rebates for high-efficiency gas equipment and gas saving measures

Customer education & resources that changes consumer behavior and produces energy savings (no-cost solutions)

Cost-sharing model between WG and electric utility programs with dual-fuel savings

Weatherization and equipment replacement for income-qualified customers (no-cost solutions)

Test new program methods that add value and drive increased energy savings

# EE BY TERRITORY: CURRENT PROGRAM BREAKDOWN

WASHINGTON GAS EE PROGRAMS



REBATE PROGRAMS



EDUCATION & OUTREACH



UTILITY COORDINATION



INCOME QUALIFIED



PILOT PROGRAMS



# EE BY TERRITORY: PERFORMANCE TO DATE

WASHINGTON GAS EE PROGRAMS



**MARYLAND**

**SINCE 2015**

**GAS THERMS SAVED:**

5.6 Million

**GHG EMISSIONS REDUCED  
(MT CO<sub>2</sub>e) :**

**30,000**

**CUSTOMERS SERVED:**

139,000

**FUEL COST SAVINGS:**

**\$5.9 Million**

**EQUIPMENT COST  
SAVINGS:**

\$10.3 Million



**DC**

**SINCE 2019**

86,000

**503**

1,030  
(units)

**\$91,200**

\$2.4 Million



**VIRGINIA**

**SINCE 2011**

3.3 Million

**17,700**

94,000

**\$3.5 Million**

\$1.1 Million

# FOCUS ON DC: ENERGY EFFICIENCY PROGRAMS

CURRENT PROGRAMS IN THE DISTRICT

## THE WASHINGTON GAS INCOME-QUALIFIED PROGRAM

- Originated from AltaGas Merger Commitment #3 for DC

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- Parallels the DCSEU Income-Qualified Efficiency Fund (IQEF) Program

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- Targets property managers & developers for income-qualified multifamily buildings

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- Incentivizes gas equipment maintenance and upgrades, reducing energy costs for tenants

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<b>TOTAL PROJECTS</b>	22
<b>TOTAL REBATES ISSUED</b>	\$2.4 Million
<b>TOTAL UNITS SERVED</b>	1,030
<b>TOTAL ENERGY SAVINGS (ANNUAL GAS THERMS)</b>	86,000
<b>TOTAL FUEL COST SAVINGS</b>	\$91,200
<b>TOTAL GHG REDUCTIONS (MT CO<sub>2</sub>e)</b>	503

# FOCUS ON DC: PROJECT CASE STUDY

CURRENT PROGRAMS IN THE DISTRICT

## CITY TOWNS APARTMENTS

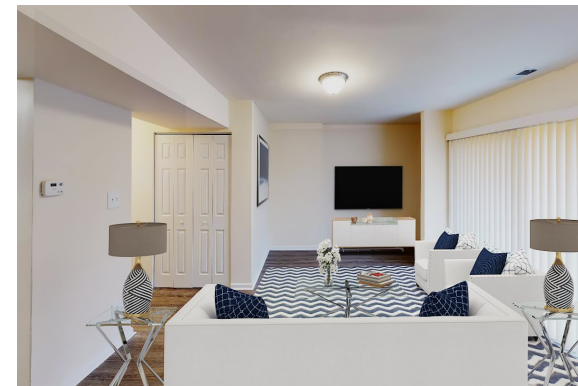
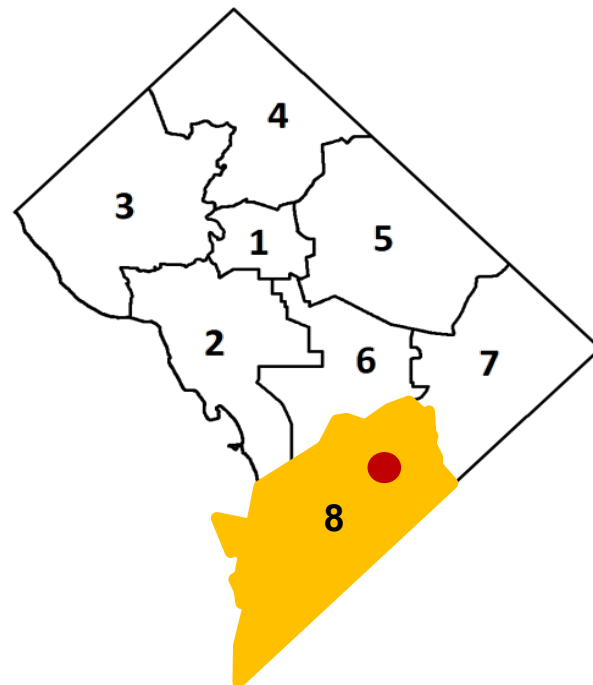
TOTAL REBATES \$470,400

UNITS SERVED 61

ANNUAL GAS THERMS SAVED 9,200  
(18% reduction)

ANNUAL FUEL COST SAVINGS \$9,800  
(\$160 per unit)

INSTALLATION CONTRACTOR Fry Plumbing  
(Veteran-Owned)



**“The energy efficiency savings from our City Towns project allows us to keep our rents lower and saves residents money on their gas bills. It’s what’s best for our company, for our residents, and for the environment”**

*-Patrick McKenzie, Senior Vice President  
WC Smith*

# NEAR-TERM EE PLAN FOR DC

## POTENTIAL GAS EE PROGRAMS

- Develop goals, metrics, and program structure through the FC-1160 Workgroup

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- Draft a study to discover gas energy savings potential in DC

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- “Fill in the gaps” with EE programs that are not currently offered.

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- Find synergies and cost-saving opportunities with the DCSEU and electric utility (Pepco)

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- Draft and submit EE program plan for Workgroup/PSC approval

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REBATE PROGRAMS

EDUCATION & OUTREACH

UTILITY COORDINATION

INCOME QUALIFIED

PILOT PROGRAMS



DC





# WHAT'S IN IT FOR YOU?

START SAVING ENERGY NOW!

## THE WASHINGTON GAS ONLINE AUDIT/PROFILE TOOL

Washington Gas  
A NWB Company

En Español

Questions for a 2500 square foot townhome located in Silver Spring, MD built in 1800

1 Structure > 2 Heating & Cooling > 3 Appliances > 4 Usage > 5 Final Info

Which sides of your home have windows?

North West East South

TIP Indicate which sides of your home have windows, even if your walls aren't oriented in the given directions.

What kind of insulation does your crawlspace have?

Change > No insulation Ceiling insulation Wall insulation Ceiling and wall insulation Not sure

- Available to all Washington Gas residential customers
- Build an energy profile of your residence
- Provides tips to help customers reduce energy consumption, most of which come at no additional cost.
- Serves as a platform to inform customers of other energy saving opportunities (rebates, energy kits)

Washington Gas  
A NWB Company

En Español

Your Results - Home Energy Profile

SAVE YOUR HOME ENERGY PROFILE

Get an Energy Conservation Kit!

Good job! Check out your customized action plan below for ways to save energy and money. You may also qualify for a free Washington Gas Energy Conservation Kit with easy-to-install, energy-efficient products to help reduce your energy use.

Be sure to complete the form on the next page to see if you qualify for a free Washington Gas Energy Conservation Kit.

\*Must be a Washington Gas customer that has not participated in your electric utility's QHEC, HPwES, or HEIP program in the last 5 years to qualify.

CLAIM MY FREE KIT →

USES MORE ENERGY

USES LESS ENERGY

\$2,487 potential 3-year savings  
14,568 potential car miles reduced

Other ways to improve your home

Save Even More With Rebates

Rebates are available on high efficiency natural gas equipment, creating the perfect opportunity to make your home more energy efficient.

LEARN MORE

Consider a higher efficiency furnace

Upgrading an old, inefficient furnace system can increase your comfort and save money on heating costs, especially in a properly weatherized home. Washington Gas has rebates to help make it more affordable.

LEARN MORE

Upgrade to a high efficiency storage water heater

Take advantage of rebates towards the installation of new, high efficiency storage water heating equipment. Provide the requested information on the next page to learn how you may qualify.

LEARN MORE

Rethink your water heater settings

Turn down your water heater temperature to 120 degrees for energy savings.

LEARN MORE