

# Texas Gas Service Conservation Program



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# Program Overview

*220,000 eligible customers*



- Customers inside the city limits of Austin, Sunset Valley, Rollingwood, West Lake Hills, Kyle, Cedar Park, Bee Cave, Lakeway and Dripping Springs are eligible
- Incentivizes residential customers, commercial customers, and new construction to install energy efficient natural gas appliances and equipment (a step up from code level).

# Conservation Program

## *History and Funding*

- Texas Gas Service Conservation Program was created in PCC1 franchise in 1986 and funded in 1991.
- Funded by a Conservation Adjustment Clause (CAC) rate, which is added to Texas Gas Service's delivery charge in the Central Texas Service Area.
- \$.03 cents per Ccf of gas on monthly utility bill; \$1.21 per month and \$14.50 per year for average residential customer.
- The proposed annual budget is reviewed and approved by the City of Austin.
- Texas Gas Service provides quarterly updates to the Resource Management Commission.

## Slide 4

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### PCC1

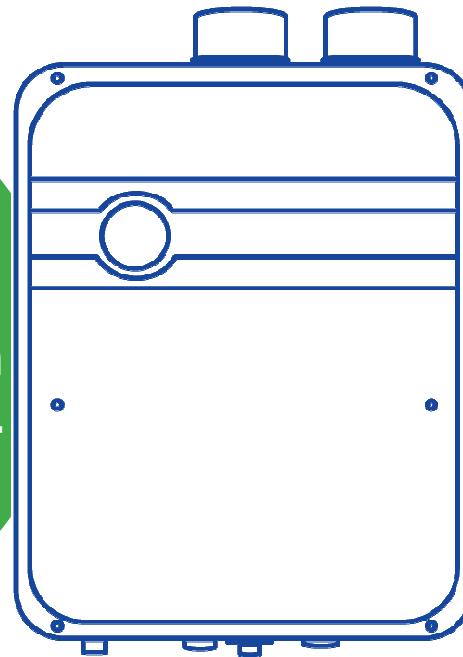
in franchise (in a franchise agreement?) seems worded a little funny to me but amy be perfectly fine to you all  
Penders, Christina C., 8/19/2015

# City of Austin's Demand Reduction Goals

## *Collaborative Relationship with Austin Energy*

Austin's Climate Protection Plan (recently updated) calls for 900 MW of electric demand reduction on the over-burdened grid by 2025.

Tankless natural gas water heaters use **less electricity than a 60-watt light bulb.**



Source: Pecan Street, Vol. 2, No.6

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# Partnership: Working toward Electric Demand Reduction Goal

## Natural Gas vs. Electric Appliance Electricity Usage Comparison (Watts)

	Dryer	Water Heater	Range	Central Heating
Electric	> 6,000	3,300 - 5,400	3,000 - 4,500	5,000-10,000
Natural Gas	200	60	15	100-800

*Source: Pecan Street, Vol. 2, No. 6*

# Residential Rebates

## Appliance Programs

- \$225** Natural Gas Dryer with Moisture Sensor
- \$300** Installation of New Natural Gas Dryer Stub in Laundry Room

## Heating Programs

- \$40** Annual Natural Gas Furnace Tune-Up
- \$75** Natural Gas Furnace (AFUE 80-91%)
- \$125** Hydronic Heating
- \$675** Natural Gas Furnace (AFUE  $\geq$  92%)

## Natural Gas Vehicle Programs

- \$1,000** Pre-Owned Vehicle Converted by Previous Owner
- to \$2,000**
- \$2,000** New OEM Natural Gas Vehicle
- \$2,000** Natural Gas Home Refueling Unit
- \$3,000** Newly Converted Natural Gas Vehicle

## Home Improvement Programs

- Up to \$300** Attic Insulation
- \$ .08** Duct Sealing  
per sq. foot

PCC2

## Water Heating Programs

- \$40** High-Efficiency Natural Gas Water Heater (EF .62-.65 or TE 62-65%)
- \$100** High-Efficiency Natural Gas Water Heater (EF .67-.81 or TE 67-81%)
- \$750** Tankless or Super High-Efficiency Natural Gas Water Heater (EF  $\geq$  .82 or TE  $\geq$  82%)
- \$750** Solar Water Heater with Natural Gas Backup

## Other Programs

- \$2** Green Saver  
credit on natural  
gas bill for two years



## Slide 7

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### PCC2

This one is hard to read. I thought you had a clearer slide from previous. It's fine if you don't want them to really read each one but to see an overview of available rebates

Penders, Christina C., 8/19/2015

# Commercial Rebates

## Water Heating Programs

**14%** Water Heating System  
of equipment costs > 75,000 BTU (EF 0.82-0.86 or TE 82-86%)

**20%** Water Heating System  
of equipment costs > 75,000 BTU (EF ≥ 0.87 or TE ≥ 87%)

**\$600** Tankless or Super High-Efficiency Natural Gas  
Water Heater (EF ≥ .82 or TE ≥ 82%)

**Up to 20%** Solar Water Heater with Natural Gas Backup  
of installed cost

## Natural Gas Vehicle Programs

**\$1,000 to \$2,000** Pre-Owned Vehicle Converted by Previous Owner

**\$2,000** New OEM Natural Gas Vehicle

**\$2,000** Commercial Refueling Unit

**\$3,000** Newly Converted Natural Gas Vehicle

## Food Service Equipment Programs

**10%** ENERGY STAR® Convection Oven  
of equipment costs

**10%** ENERGY STAR® Fryer  
of equipment costs

**10%** ENERGY STAR® Griddle  
of equipment costs

**10%** ENERGY STAR® Steam Cooker  
of equipment costs

A list of qualified  
models can be found at  
[www.energystar.gov/cfs](http://www.energystar.gov/cfs).

## Appliance Programs

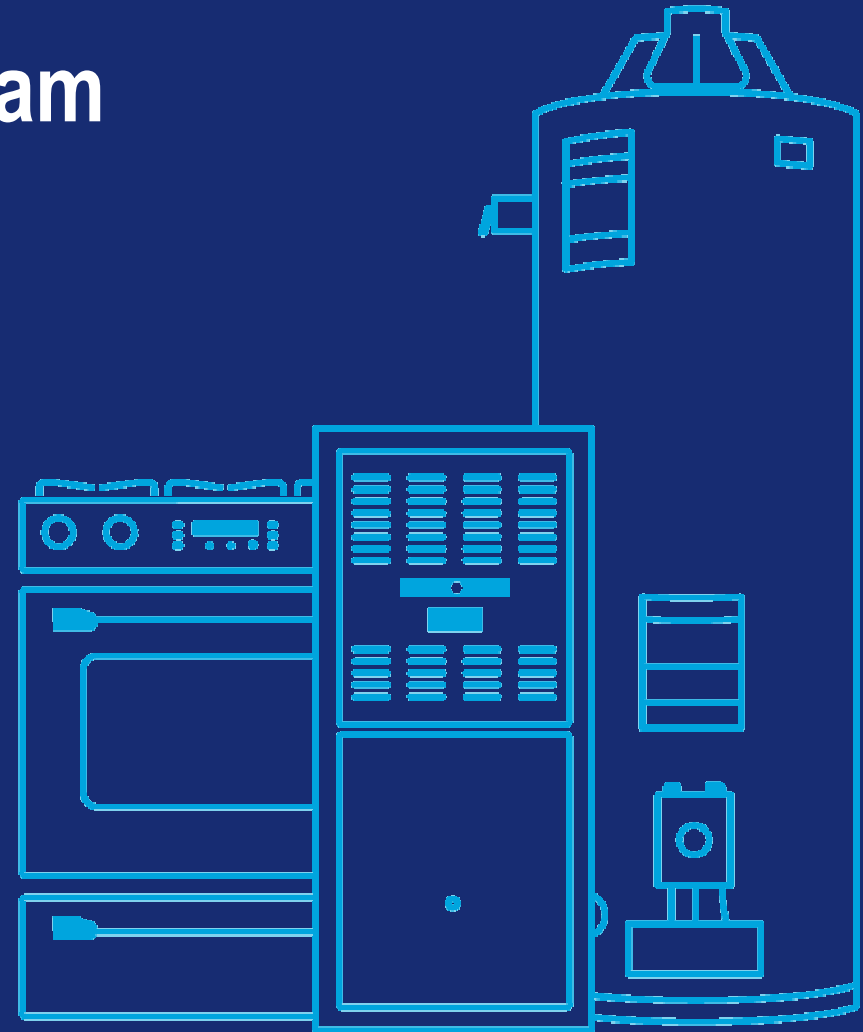
**\$225** Natural Gas Dryer with Moisture Sensor

## Heating Programs

**\$125** Hydronic Heating

# Free Equipment Program

- Replaces appliances for low-income, mobility-challenged and elderly customers
- Provided and installed more than 750 free natural gas water heaters, furnaces, and ranges to Austinites in need over the last five years
- Helps lower energy usage and utility bills



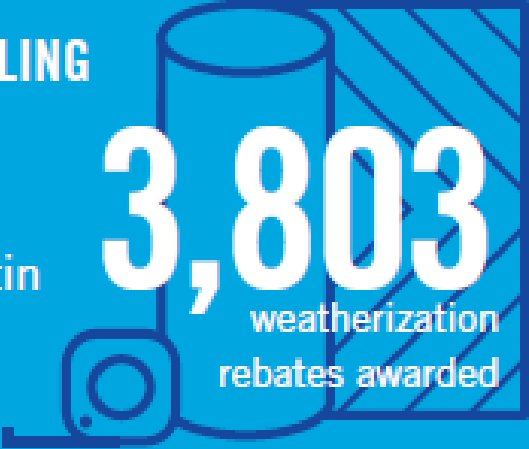
# Texas Gas Service Partnership with Austin Energy's Home Performance with EnergyStar Weatherization Program

## WEATHERIZATION

ATTIC INSULATION AND DUCT SEALING  
TO PREVENT ENERGY WASTE

3,803 weatherization rebates  
awarded in conjunction with Austin  
Energy's Home Performance with  
ENERGY STAR® Program

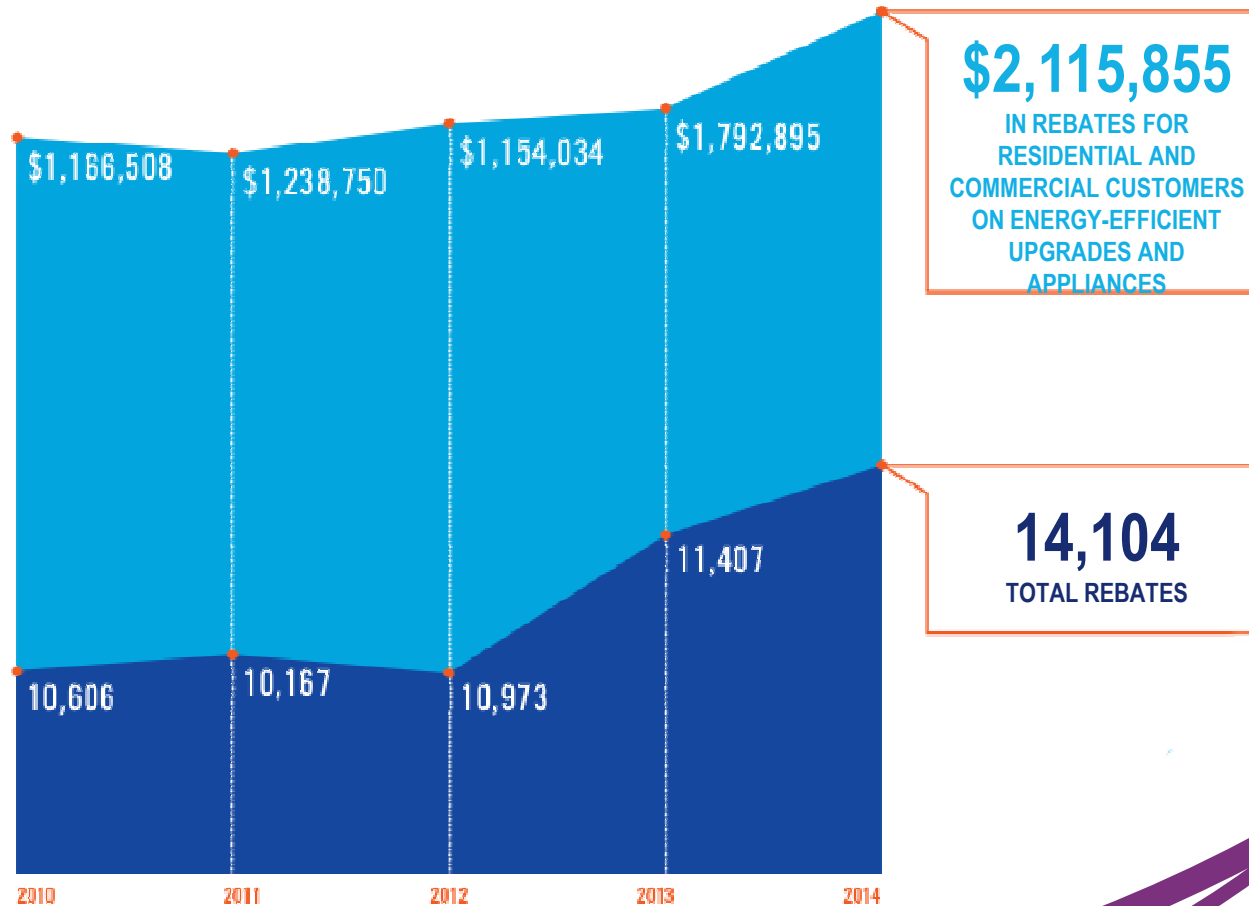
**3,803**  
weatherization  
rebates awarded



Texas Gas Service distributed \$595,000 in weatherization rebates in 2014.



# Overall 2014 Program Highlights



# FY 2015 Strategic Focus: \$3 million budget

## *Energy Efficiency and Affordability*

### **Going Above and Beyond Code Level**

Awarding rebates to customers meeting higher efficiency requirements for furnaces and tank water heaters.

### **Collaborating to Help Those in Need**

Working with Austin Energy, City Council districts and City of Austin's Neighborhood Housing and Community Development team to reach low-income customers.



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