

Chattanooga Gas Company

Docket Number 09-00183

CAPD

Question 173

2/4/2010

1 of 1

**DISCOVERY REQUEST NO. 173:**

Provide the annual energy savings and cost to date of each of the Company's current energy efficiency and energy conservation programs.

**Response:**

At the time of writing, no energy efficiency and conservation programs are now being conducted or offered by the Company for its customers.

The attachment CAPD 173-1 presents the estimated annual normalized energy savings and expenditures for all Chattanooga Gas Company sponsored attempts at pilot programs for the period 2006 through 2009. The data is based upon actual customer level data for all verified customers who have received a rebate from the Company during this period.

## Chattanooga Gas Company

### Energy Conservation Programs

#### Number of Participants

	2006	2007	2008	2009
<b>High Efficiency</b>				
90% Furnace	15	34	42	34
Tankless Water Heater	23	52	23	11
High Efficiency Storage Water Heater (0.62 EF+)				
Programmable Thermostat				
Low Income Weatherization				
sub-Total High Efficiency	38	86	65	45
<b>Standard Efficiency</b>				
80% Furnace	81	242	71	
Water Heater/Furnace				
Water Heater	80	31	20	
Furnace				
sub-Total Standard Efficiency	161	273	91	
<b>Total</b>	199	359	156	45

#### Estimated Annual Therm Savings

	2006	2007	2008	2009
<b>High Efficiency</b>				
90% Furnace	761	4,765	4,608	3,625
Tankless Water Heater	4,076	5,114	474	967
High Efficiency Storage Water Heater (0.62 EF+)				
Programmable Thermostat				
Low Income Weatherization				
sub-Total High Efficiency	4,837	9,878	5,082	4,592
<b>Standard Efficiency</b>				
80% Furnace	9,112	17,832	4,461	
Water Heater/Furnace				
Water Heater	12,711	2,659	569	
Furnace				
sub-Total Standard Efficiency	21,823	20,491	5,030	0
<b>Total</b>	26,660	30,369	10,112	4,592

#### Annual Program Costs

	2006	2007	2008	2009
<b>High Efficiency</b>				
90% Furnace	\$ 5,400	\$ 13,900	\$ 12,500	\$23,500.00
Tankless Water Heater	\$ 10,100	\$ 5,600	\$ 6,400	\$ 7,000
High Efficiency Storage Water Heater (0.62 EF+)				
Programmable Thermostat				
Low Income Weatherization				
sub-Total High Efficiency	\$ 15,500	\$ 19,500	\$ 18,900	\$30,500.00
<b>Standard Efficiency</b>				
80% Furnace	\$ 14,100	\$ 69,200	\$ 16,000	
Water Heater/Furnace				
Water Heater	\$ 15,900	\$ 14,200	\$ 2,000	
Furnace				
sub-Total Standard Efficiency	\$ 30,000	\$ 83,400	\$ 18,000	
Outreach, Promotion and Education Exepenses	n/a	\$ 157,157	\$ 140,766	\$ 16,391
<b>Total</b>	\$ 45,500	\$ 260,057	\$ 177,666	\$ 46,891