



## TGS Conservation Program Quarterly Report

March 23, 2010

Teri Green, Conservation Program Manager



## Residential Programs

As of February 28, 2010

Program	# of Participants	Spent to Date	Budget
Free Heater/Weatherization	0	0	\$110,000
Weatherization/Attic/Duct Sealing	1,482	\$271,157	\$350,000
Water Heater/Tankless	145	\$42,200	\$150,000
Furnace Incentive	423	\$31,725	\$ 40,000
Hydronic Heating	0	0	\$145,000
WashWise	1120	\$56,000	\$105,000
Natural Gas Vehicle	2	\$9,000	\$ 10,000
Green Saver Tariff*	349	\$8,376	\$ 60,000

\*\$2 per month credit for 24 months for customers who participate in the Home Performance program, live in a three star or above Green home or participate in the Free Weatherization Program



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## Commercial Programs

Program	# of Participants	Spent to Date	Budget
Misc. Gas Equipment	0	0	\$32,150
Commercial WashWise	14	\$1,100	
Natural Gas Vehicle	40	0	\$30,000

\*TGS is working with Foundation Communities on a custom solar/gas water heater project that will qualify for a rebate. More details to come.



## Energy/Carbon Savings Report

BUDGET VS. ACTUALS - FY 2009; PROGRAM BUDGET - FY 2010									
PROGRAM	PARTICIPANTS	BUDGET	ACTUALS	VARIANCE	MCF	KWH	MCF Carbon Emissions	KWH Carbon Emissions	NG Reduction of Carbon Emissions
Furnace and Weatherization	0	\$310,000	\$399	(\$109,610)					
Furnace Incentive	423	\$40,000	\$31,725	(\$8,275)	370	111,545	51,298	58,450	7,152
Residential Weatherization		\$350,000	\$271,117	(\$78,883)					
Duct Sealing	820		\$ 157,565		1,225	388,916	176,788	701,834	24,846
Attic Insulation	663		\$ 113,592		901	471,983	125,072	162,508	17,437
Natural Gas Water Heater		\$150,000	\$42,200	(\$107,800)					
High-efficiency Tankless	140		\$200		6	1,831	842	960	117
Residential Hydronic Heating	0	\$345,000	\$0	(\$345,000)	0	0	0	0	0
WashWise	1,134	\$105,000	\$57,100	(\$47,900)	664	260,493	119,797	136,499	16,701
Natural Gas Vehicle Program									
Residential	3	\$10,000	\$8,000	(\$2,000)				7	18
Commercial	0	\$10,000	\$0	(\$10,000)					
Commercial Equipment and Weatherization	0	\$42,150	\$0	(\$42,150)					
TOTAL INCENTIVE EXPENSES	3187	\$982,150	\$724,929	(\$257,221)					89,343
Total Rebates			\$724,929				Carbon Reduction (Tons)		40,440



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## Highlights

Most programs are on track.

TGS will launch a new education campaign this year

"Money's Waiting For You" 3 year campaign

TGS Conservation Program won a Silver Spur Award for Marketing from the Texas Public Relations Association

Green Saver Credit---\$2 credit for 24 months

Available to residential and commercial customers who

1. Receive a certificate of completion for Home Performance w/ Energy Star Program
2. Own a Green Home w/ at least a 3 star rating
3. Participate in Free Gas Equipment Program



## New Gas Technologies

### *Heat Pump*

#### **AISIN Gas Heat Pump**

- Same basic system for heating/cooling as the electric heat pump
- Main difference is that it uses natural gas or propane engine to drive compressors

**Primary market segment – Commercial**

**Secondary market segment – Residential (large custom homes)**

**2010:** Roll out test market includes Las Vegas, Tuscon, Phoenix  
Six to 12 months monitoring/ evaluation

**2011:** Expand to California, Texas, Tennessee, Carolinas

**TBA:** Cold Weather Unit



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## New Gas Technologies

### *Water heater*

#### Phoenix Solar Water Heater

- The first solar water heater with an integrated gas fired back-up – all in one water heater.
- Designed with an internal solar heat exchanger for a solar panel that combines with a highly efficient 97 percent gas fired back-up heat exchanger all in one storage tank.
- The Phoenix Solar will transfer all the energy the sun can provide and also provide plenty of hot water through the internal gas fired back-up when the sun is not shining.



Questions



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