

**Texas Gas Service Company Energy Efficiency Program
Fourth Request for Information – Paul Robbins
January 19, 2018
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- 1. For the TGS Residential Wireless Thermostat Rebate, please explain why there was no calculation of air conditioning savings for this measure.**

RESPONSE: The Residential Wireless Thermostat Rebate is offered as part of the Home Performance with ENERGY STAR (HPwES) Program. TGS partners with Austin Energy, the administrator of this program, to offer supplemental rebates to participants who are TGS customers and use natural gas for space heating. Except for natural gas vehicle and natural gas dryer programs, savings attributable to TGS incentives are calculated based solely on natural gas savings. The analysis is performed on a “like-for-like” basis. Therefore, the avoided costs equal the incremental natural gas savings achieved through a wireless thermostat relative to a standard thermostat.

- 2. Please provide the weighted average annual cost of gas to the TGS Central Texas service area from 2008 to 2017.**

RESPONSE: Please see the table below for TGS Central Texas Service Area weighted average cost of gas (COG) from 2008 – 2017.

**TGS Central Texas Service Area
Average Cost of Gas 2008 - 2017**

Year	Cost of Gas (MCF)
2008	\$10.706
2009	5.972
2010	5.759
2011	5.307
2012	4.356
2013	5.036
2014	5.734
2015	4.337
2016	3.596
2017	4.429

- 3. To the extent that you have gas price forecasts, please provide estimates of the weighted annual cost of gas to the TGS Central Texas service area from 2018 to 2027, or for as much of this time as you have estimates.**

RESPONSE: This request seeks information which is forward-looking and is not information that TGS prepares. As identified in Paul Raab’s, energytools, llc., testimony, provided as Robbins 1-7 Attachment, the source for energy price forecasts used in the Cost/Benefit evaluation are the U.S. Department of Energy’s Energy Information

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Administration's Annual Energy Outlook for delivered natural gas prices to Southwest Residential and Commercial customers. TGS does not provide gas forecasts to Mr. Raab.