

**PACIFIC GAS AND ELECTRIC COMPANY**  
**SmartMeter™ CPUC Staff Inquiry**  
**Data Response**

PG&E Data Request No.:	DRA_002		
PG&E File Name:	SM CSI_DR_DRA_002-Q17		
Request Date:	December 21, 2010	Requester DR No.:	DRA_2
Date Sent:	February 18, 2011	Requesting Party:	DRA
PG&E Witness:	N/A	Requester:	Tom Roberts

**QUESTION 17**

What national standards (e.g. ANSI XXXX) does PG&E use to determine the accuracy requirements for **commercial** gas meters?

**ANSWER 17**

PG&E requires its meter manufacturers to comply with the national accuracy performance specifications for meters set forth in the following national standards.

The American National Standards Institute (ANSI) standards for displacement-type gas meters:

- ANSI B109.1, *American National Standard for Diaphragm-Type Gas Displacement Meters (Under 500 Cubic Feet Per Hour Capacity)*
- ANSI B109.2, *American National Standard for Diaphragm-Type Gas Displacement Meters ( 500 Cubic Feet Per Hour Capacity and Over)*
- ANSI B109.3, *American National Standard for Rotary-Type Gas Displacement Meters*

The American Gas Association (AGA) standard for turbine gas meters:

- AGA Report No. 7, *Measurement of Natural Gas By Turbine Meters*

PG&E complies with the accuracy requirements for gas meters established in General Order (G.O.) 58A, "Standards for Gas Service in the State of California." Specifically, paragraph 12(b) of G.O. 58A requires that gas meters, when installed for the use of any customer, must register usage within no more than one percent over and two percent under the actual usage.