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PUBLIC SERVICE  
COMMISSION

April 15, 2020

Mr. Kent Chandler, Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, KY 40601

RE: Sample Meter Test Plan – Annual Report  
Case No. 2004-00121

Dear Mr. Chandler:

Atmos Energy Corporation (Company) herewith submits its 2019 annual report for the Sample Meter Testing Program to be in compliance with the Commission's Order in the above referenced case. The Company continues to be pleased with the results of this program.

Please contact myself at 270.685.8024 or Jimmy Cates at 615.771.8437 if the Commission or Staff has any questions regarding the enclosed report.

Sincerely,

A handwritten signature in blue ink that reads "Mark A. Martin".

Mark A. Martin  
Vice President, Rates & Regulatory Affairs

cc: Joel Grugin  
Ryan Austin  
Jimmy Cates

Enclosures



March 13, 2020

ATMOS ENERGY KENTUCKY DIVISION  
2019 METER SAMPLING ANNUAL REPORT

Atmos Energy's Kentucky Division completed the 20<sup>th</sup> year of its statistical sampling of their meter population with following results:

A total of 1292 meters were sampled, as set forth in the Kentucky Public Service Commission's Order (Case Number 99-059), dated August 24, 1999.

The meter sampling program continues to be excellent for both the Company and our customers, identifying poor performing meters and allowing quality meters to remain in service for an extended length of time.

Included are the results of the 2019 Meter Sampling Program. The results spreadsheet indicates that all but one (1) group passed, as outlined in the ANSI Z1.4 sampling process. Atmos Energy has identified a specific group that has an abnormally high rate of failure and we are now taking steps to assess whether it was an anomaly in the testing process or an actual indicator of the performance of this group of meters. We will be initiating a tightened AQL on this group as soon as testing can resume and will have results forthcoming this year. Additionally, 3094 obsolete meters were removed from service and retired based on age.

Pease feel free to contact me if you have any additional questions.

Respectfully,

Jimmy Cates  
Manager, Compliance

Family Group	Description	Meters Sampled	Meters Failed	Failures Allowed	Total meters in Family	Status
AC250A	1985-1993	80	1	13	7513	PASS
AC250B	1994-1995	80	1	13	9249	PASS
AC250C	1996-1998	80	1	13	7507	PASS
AC250D	1999-2002	80	0	13	4433	PASS
AC250E	2003	80	12	13	7844	PASS
AC250F	2004-2005	80	20	13	7442	Pending
AC250G	2006-2007	80	3	13	5964	PASS
AC250H	2008-2009	80	4	13	8959	PASS
AL175A	1971-1982	80	4	13	6421	PASS
AL175B	1983-2009	80	4	13	7853	PASS
AL425A	ALL	50	3	10	2830	PASS
L250	All	32	0	8	986	PASS
R175	All	50	0	10	1382	PASS
R200	All	80	0	13	4532	PASS
R275A	1986-1997	80	6	13	9082	PASS
R275B	1998-2009	80	8	13	8846	PASS
AC630	All	13	1	5	226	PASS
AL800	All	13	0	5	224	PASS
AL1000	All	32	2	8	632	PASS
R750	All	2	0	2	11	PASS
R415	All	8	1	4	128	PASS
S250	All	32	0	8	697	PASS
Metris	All	20	0	6	400	PASS
Obsoletes	ALL	3094	Removed	NA	NA	NA

TOTAL	4386
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