

JOHN N. HUGHES
ATTORNEY AT LAW
PROFESSIONAL SERVICE CORPORATION
124 WEST TODD STREET
FRANKFORT, KENTUCKY 40601

Telephone: (502) 227-7270

jnhughes@johnnhughespsc.com

April 17, 2018

Gwen Pinson
Executive Director
Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

Re: Atmos Energy Corporation:
Case No. 2017-00349

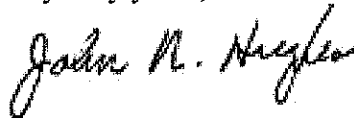
Dear Ms. Pinson:

Atmos Energy Corporation submits its response to Staff's second post-hearing request for information.

I certify that the electronic filing is a complete and accurate copy of the original documents to be filed in this matter, which will be filed within two days of this submission and that there are currently no parties in this proceeding that the Commission has excused from participation by electronic means.

If you have any questions about this matter, please contact me.

Very truly yours,



John N. Hughes

And

Mark R. Hutchinson
Wilson, Hutchinson and Littlepage
611 Frederica St.
Owensboro, KY 42301
270 926 5011
randy@whplawfirm.com

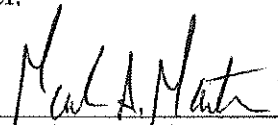
Attorneys for Atmos Energy
Corporation

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF)
RATE APPLICATION OF) Case No. 2017-00349
ATMOS ENERGY CORPORATION)

AFFIDAVIT

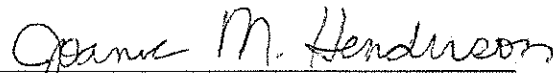
The Affiant, Mark A. Martin, being duly sworn, deposes and states that the attached responses to Commission Staff's second post-hearing request for information are true and correct to the best of his knowledge and belief.



Mark A. Martin

STATE OF Kentucky
COUNTY OF Daviess

SUBSCRIBED AND SWORN to before me by Mark A. Martin on this the 17th day of April, 2018.



Notary Public

My Commission Expires: _____

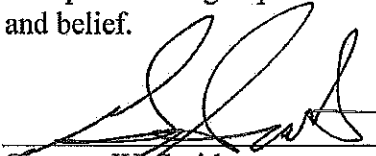
Joanne M. Henderson
NOTARY PUBLIC
State at Large, Kentucky
ID # 596005
My Commission Expires 3/22/2022

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF)
RATE APPLICATION OF) Case No. 2017-00349
ATMOS ENERGY CORPORATION)

AFFIDAVIT

The Affiant, Gregory W. Smith, being duly sworn, deposes and states that the attached responses to Commission Staff's second post-hearing request for information are true and correct to the best of his knowledge and belief.



Gregory W. Smith

STATE OF Tennessee
COUNTY OF Williamson

SUBSCRIBED AND SWORN to before me by Gregory W. Smith on this the 16th day of April, 2018.



Notary Public

My Commission Expires: MARCH 3, 2020



Case No. 2017-00349
Atmos Energy Corporation, Kentucky Division
Staff Post-Hearing DR Set No. 2
Question No. 2-01
Page 1 of 2

REQUEST:

Refer to Atmos' response to the Commission's Post-Hearing Data Request, Item 3, and specifically reference the summary data worksheet titled Attachment 1 to supplement the following questions:

- a. Provide a detailed explanation as to why the "Company Labor and Associated Costs" category expenses were not included in the totals. The numbers in the worksheet columns do not sum to the columnar totals shown. The difference in all years is the same amount that is shown as "Company Labor and Associated Costs" for the respective periods. While the annual "Company Labor and Associated Costs" dollar amounts are shown in the columns, they are not included in the totals. For example, the 2017 column total is \$39,898,050 but adding the numbers shown produces a total of \$42,115,414, a difference of \$2,217,364, which is the same amount that is shown for the 2017 "Company Labor and Associated Costs."
- b. Provide an explanation of what "Company Labor and Associated Costs" and "Company Labor" categories consist of, and explain any differences between the two categories.
- c. Provide the approximate miles replaced, and average cost per mile to replace information for year 2018, as was provided for years 2011-2017.
- d. Provide a detailed explanation for the average cost per mile large monetary increase between years 2016-2017.

RESPONSE:

- a. The Company apologizes for the confusion as the "Company Labor and Associated Costs" line (Excel row 10) was intended to be a subtotal sum of the "Company Labor" and "RUTTS" line items (Excel rows 8 and 9). The grand totals on Excel row 17 are correct as they only include Company labor and its associated costs once in the total cost calculation.
- b. The "Company Labor and Associated Costs" line (Excel row 10) was intended to be a subtotal sum of the "Company Labor" and "RUTTS" line items (Excel rows 8 and 9). The "Company Labor and Associated Costs" line includes the sum of Company labor and the items that follow an employee's labor which are: benefits, payroll tax, rent, utilities, telecom and transportation (vehicle) expense.
- c. The Company estimates it will replace 52 miles at a total cost of \$45,181,485 in 2018 for an average cost per mile of \$868,875.

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- d. The primary driver in this average \$/mile increase is due to projects which required significant new easement acquisition for construction. In 2017, the Company negotiated \$564,296 of easements for the approved Springfield-Calvary project and \$383,644 of easements for the approved Marion to Fredonia project. As stated during the hearing and within previous discovery responses, annual average cost for projects will vary depending on the type/size/location of pipeline being replaced. Our current average cost for Distribution replacement is \$630k/mile and \$1.1-\$2.0 M/mile for HPD and Transmission.

Respondent: Greg Smith

Case No. 2017-00349
Atmos Energy Corporation, Kentucky Division
Staff Post-Hearing DR Set No. 2
Question No. 2-02
Page 1 of 2

REQUEST:

Refer to Atmos' response to the Commission's Post-Hearing Data Request, Item 4, to supplement the following questions:

- a. Provide a detailed explanation as to how Atmos arrived at the 42-45 percent PRP completion estimate, and provide the associated calculations, including mileage totals, that support the completion estimate.
- b. Atmos responded that there are 220 miles of bare/ineffectively coated steel remaining on its system. Reconcile this response with Atmos' response to Commission Staff's Second Request for Information, Item 18(b), which provided the projected future PRP spending.

RESPONSE:

- a. Based on the originally identified miles of bare steel to be replaced (345 miles), 42%-45% complete would result in 145 - 155 miles of bare steel being retired from our distribution system. Currently, Atmos Energy has removed 120 of those 345 identified miles of bare steel and has projects scheduled this year that should attain the 42%-45% completion target (see Case No. 2017-00308). Atmos Energy is on schedule to complete removal of known bare steel pipe within the 15 years as originally committed, even with the addition of discovered bare steel segments and significant miles within the approved Lake City and the Shelbyville Lateral projects. In addition to the 120 miles of the 345 miles of previously identified bare steel already retired as part of the PRP, the Company has also removed over 100 miles of other pipeline facilities as part of qualified PRP projects.
- b. The Company's response to Staff DR No. 2-18(b) listed estimated PRP investments from 2019 through 2025. The amount listed for 2018 was subsequently approved in Case No. 2017-00308. The Company was asked in Case No. 2017-00308 to provide estimates of annual spend through 2025. These estimated amounts will be used to replace all known bare steel pipe plus any additional facilities that are determined to have outlived their useful life and/or pose a risk of failure. As the Commission correctly stated in its Final Order in Case No. 2014-00274, pipe replacement programs are not limited to the replacement of only bare steel. As was stated in this case, the current level of system replacement will result with in-service infrastructure that will be 80 years old. The Company has listed in this docket, as well as in Case No. 2017-00308, that there are additional types of pipe and pipe families that were not envisioned for inclusion when the Company's PRP was approved in Case No. 2009-00354. The Company committed in Case No. 2017-00308, to highlight any future projects that are not bare steel, but do represent risk to customers, employees, and the general public. Outside of the Shelbyville and Lake City lines, all projects to date match the spirit and intent of the Company's initial PRP application. The only variables that have changed are the projected costs which can be directly tied to the inclusion of an additional 100 miles of bare steel pipe, the inclusion of the Shelbyville and Lake City lines, changes to Atmos

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Atmos Energy Corporation, Kentucky Division
Staff Post-Hearing DR Set No. 2
Question No. 2-02
Page 2 of 2

and DOT construction procedures, and more accurate construction data than when the program was initially approved. The deceleration of a safety program like the Company's PRP would not be prudent nor in the public interest.

From a budgeting standpoint, the Company has provided very detailed project information related to FY18 PRP projects. As was stated at the hearing in this docket, the Company does utilize a five year plan; however, the detailed project estimates are only available for projects 12-18 months prior to construction. The Company does identify some specific long-lead projects for the remaining 4 years where significant engineering, coordination, and easement acquisition is required, but not to the budget-level detail associated with near-term projects. While the Company is committed to replacing all known bare steel within the approved fifteen year window, it cannot specifically state within each year through 2025, the level of existing bare steel projects and/or any additional facilities that have outlived their useful life. This is why these projects were grouped together by Atmos Energy service territory into a single tab in response to Staff Post-Hearing DR No. 1-05.

Respondents: Greg Smith and Mark Martin

Case No. 2017-00349
Atmos Energy Corporation, Kentucky Division
Staff Post-Hearing DR Set No. 2
Question No. 2-03
Page 1 of 1

REQUEST:

Refer to Atmos' response to the Commission's Post-Hearing Data Request, Item 5, to supplement the following questions:

- a. Refer to Attachment 1, and provide the requested project listings identified and segregated by year, with the corresponding totals for costs as well as mileage.
- b. Atmos states to refer to Case No. 2017-00308 for the detailed list of 2018 PRP projects. Provide the 2018 PRP project list, and include the associated mileage and monetary amounts for the 2018 project year.

RESPONSE:

- a. Please see the Company's response to Staff Post-Hearing DR No. 2-02 subpart (b).
- b. Please see Attachment 1.

ATTACHMENT:

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing_2-03_Att1 - 2018 PRP Project List.xlsx, 4 Pages.

Respondent: Greg Smith

ATMOS ENERGY CORPORATION
 KENTUCKY PIPE REPLACEMENT PROGRAM
 SURCHARGE CALCULATION OF FORCASTED ACTIVITY

2018 PROJECT DETAILS

Projects	Project Description	No. of services	Installation			Cost of Removal			Retirements		
			Main	Services	Meters	Main	Services	Meters	Main	Services	Meters
PRP.2635.Baldwin St CC	Replace 1,031' of 2" Bare IP Main with 1,378' of 2" PE IP on Baldwin St. from Leach St. to 2" PE near Eagan St. Contractor Material Overhead	-	62,509	-	-	\$3,139	-	-	-	-	-
PRP.2635.Darby St CC	Replace 280' of 2" Bare IP Main with 2" PE IP on Darby St. 4 Services Contractor Material Overhead	4	21,667	5,284	440	\$1,031	278	748	89	56	-
PRP.2635.Marion.Fredonia.FY17	Replace approximately 47,686' of 4" Bare HPD Stl with 6" Stl HPD. Contractor Material Overhead	-	10,379,307	-	-	\$521,797	-	-	-	-	-
PRP.2635.North Franklin St CC	Replace 440' of 2" bare IP Main with 475' of 2" PE IP on North Franklin. 9 services Contractor Material Overhead	9	25,054	11,839	990	\$1,208	626	1,683	209	127	-
PRP.2636.Allen St	Replace 148' of 1.25" Epoxy, 690' of 2" Hot Tar, 106' of 2" Epoxy, 117' of 3" Epoxy, 305' of 3" Hot Tar, 1,365' of 4" Epoxy, 3,275' of 4" Bare Stl., 319' of 4" N/A Plastic. Install 3,550' of 2" PE, and 4,225' of 4" PE; 129 Services. Contractor Material Overhead	129	543,936	170,406	14,190	\$27,306	8,969	24,123	2,873	1,816	-
PRP.2636.East 3rd St	Retire 78' of 6" Hot Tar, 506' of 4" Epoxy, 2,197' of 3" Hot Tar, 412' of 2" Epoxy, 720' of 4" Bare, 249' of 3" Hot Tar, 31' of 2" Hot Tar, 1,294' of 4" Hot Tar, and 101' of 1.25" PE LP. Install 2,551' of 2" PE and 3,214' of 6" PE. Contractor Material Overhead	43	440,215	56,802	4,730	\$19,884	2,990	8,041	958	605	-
PRP.2636.East 4th St	Replace 310' of 2" Epoxy, 362' of 2" Hot Tar, 4' of 3" Epoxy, 631' of 4" Hot Tar, 195 of 4" Plastic, 1,547' of 6" Hot Tar. Install 1,760' of 2" PE, and 1,330' of 4" PE; 41 Services. Contractor Material Overhead	41	223,371	54,160	4,310	\$11,201	2,851	7,667	913	577	-
PRP.2636.East 7th St	Replace 359' of 3" Epoxy, 1,129' of 4" Bare Stl., 365' of 4" Mill Wrap, 1,274' of 6" Epoxy, 768' of 6" Mill Wrap, 838' of 6" Hot Tar, 673' of 6" Mill Wrap - Bare Joint, with 1,915' of 2" PE, 3,334' of 4" PE. LP. - LP.; 95 Services. Contractor Material Overhead	95	374,738	125,493	10,450	\$18,622	6,605	17,765	2,316	1,337	-
PRP.2636.HWY 231 CC	Replace 1,074' of Bare 2" IP Stl with 1,074' of 4" PE IP Contractor Material Overhead	5	31,109	6,605	550	\$1,221	348	935	111	70	-
PRP.2636.Lewis Ln - Maple Ave	Replace 865' of Bare 6" Stl, 418' of 2" Mill Wrap, 1,283' of 6" Mill Wrap Bare Joint, 3,075' of 2" Mill Wrap bare Joint, 233' of 1.25" Epoxy, 2,480' of 2" Hot Tar, 5,575' of 2" Epoxy, 59' of 6" PE, 144' of 2" PE, 404' of 4" Mill Wrap, 2,162' of 8" Hot Tar, 31' of 6" Epoxy, 830' of 4" Epoxy, 1,611' of 2" Bare Stl., 432' of 4" Bare Stl. Install 14,226' of 2" PE, 247' of 4" PE and 4,800' of 6" PE; 357 Services Contractor Material Overhead	357	1,329,889	471,588	39,370	\$64,016	24,320	66,759	7,952	5,026	-
PRP.2636.Mill St.CC	Replace 1,978' of 2" Epoxy Stl. with 3,700' of 2" PE on Mill St.; 10 Services Contractor Material Overhead	10	72,322	13,210	1,100	\$3,280	695	1,870	233	141	-
PRP.2636.W. Front St Cloverport CC	Replace 263' of Bare 2" Stl. IP with 263' of 2" PE IP; 5 Services Contractor Material Overhead	5	13,558	6,605	550	\$635	348	935	111	70	-
PRP.2637.Clark St Phase 1	Replace 200' of 2" Plastic, 1,270' of 2" Epoxy, 852' of 2" Bare Stl., 349' of 3" Epoxy, 1,486' of 4" Epoxy, 27' of 4" PE, 252' of 4" Bare Stl., 18' of 4" Fusion Bond Epoxy, 1,640' of 6" Bare Stl., 13' of 6" PE. Install 1,630' of 2" PE, 1,795' of 4" PE, and 2,380' of 6" PE. 80 Services Contractor Material Overhead	80	475,672	105,678	8,800	\$21,857	5,562	14,560	1,782	1,126	-
PRP.2637.Clark St Phase 2	Replace 607' of 1.25" PE, 649' of 2" Epoxy Stl., 407' of 3" Epoxy Stl., 265' of 6" Epoxy Stl., and 2,015' of 6" Bare Stl. Install 1,674' of 2" PE, 920' of 4" PE, and 2,310' of 6" PE; 78 Services Contractor Material Overhead	78	384,318	103,036	8,580	\$18,463	5,423	14,586	1,737	1,098	-

ATMOS ENERGY CORPORATION
 KENTUCKY PIPE REPLACEMENT PROGRAM
 SURCHARGE CALCULATION OF FORCASTED ACTIVITY

2018 PROJECT DETAILS

Projects	Project Description	No. of services	Installation			Cost of Removal			Retirements	
			Main	Services	Meters	Main	Services	Meters	Main	Services
PRP.2637.Forrest Hills 2	Replace 122' of 3" Bare Stl., 1,678' of 4 Bare Stl., 1,863' of 6" Bare Stl., 15' of 6" HDPE. Install 3,500' of 2" PE., 1,730' of 4" PE., and 1,900' of 6" PE. Contractor Material Overhead	110	585,050			\$26,844				
				145,307			7,648			
				20,570	12,190					
				33,500	2,450			1,549		
PRP.2637.Georgia-Cornell	Replace 2,351' of 2" Bare Stl., 344' of 2" Epoxy, 345' of 4" Bare Stl., 4' of 2" PE, 385' of 4" Bare Stl., 359' of 6" Bare Stl., 530' of 6" Epoxy. Install 3,415' of 2" PE., 419' of 4" PE., and 883' of 6" PE.; 100 Services Contractor Material Overhead	100	351,276			\$17,760				
				132,098			6,953			
				18,700	11,000					
				30,536	2,238			1,408		
PRP.2637.Mississippi-Georgia	Replace 3,664' of 2" Bare Stl., 34' of 2" Epoxy Stl., 262' of 2" Plastic, 746' of 4" Bare Stl. and 40' of 4" Epoxy Stl. Install 4,140' of 2" PE., and 765 of 4" PE. 115 Services Contractor Material Overhead	115	369,061			\$18,540				
				151,012			7,993			
				21,505	12,650					
				35,117	2,362			1,619		
PRP.2637.Trimble Hill 8 Inch	Replace 62 feet of 8" Epoxy, 426 feet of 2" Mill Wrap, 15 feet of 6" PE, 3,559 feet of 8" Bare Stl., 1,949 feet of 6" Bare Stl., 309 feet of 2" PE, 481 feet of 2" Epoxy, 74 feet of 6" Epoxy. Install 855 feet of 2" PE, 80 feet of 4" PE and 5,635 feet of 6" PE; 30 Services Contractor Material Overhead	30	663,533			\$30,147				
				39,629			2,086			
				5,610	3,300					
				9,161	668			422		
PRP.2734.Adams St & W 14th	Replace 31' of 2" PE, 325' of 3" Epoxy, 504' of 4" Epoxy, 1,798' of 4" Bare Stl., 430' of 6" Bare Stl. Install 2,650' of 2" PE. 28 Services Contractor Material Overhead	28	316,758			\$16,159				
				36,987			1,947			
				5,236	3,080					
				8,550	624			394		
PRP.2734.CC.Mimosa Alley	Replace 888' of 2" Bare 1-P steel with 900' of 2" PE IP; Remove 1-IP Regulator Station. 7 Services. Contractor Material Overhead	7	117,759			\$5,744				
				9,247			487			
				1,309	779					
				2,138	156			99		
PRP.2734.Cherry St CC	Replace 3' of 2" Epoxy, 967' of 4" Epoxy with 950' of 2" PE. 12 Services Contractor Material Overhead	12	35,695			\$1,771				
				15,852			834			
				2,244	1,320					
				3,664	267			169		
PRP.2734.Church & Veterans St	Replace 640' of 2" Bare Stl., 520' of 2" Epoxy, 2' of Plastic, 481' of 4" Epoxy, 718' of 4" Bare Stl., 210' of 6" Epoxy, and 1,568' of 10". Install 3,820' of 2" PE. 47 Services Contractor Material Overhead	47	385,444			\$19,942				
				62,086			3,268			
				8,789	5,170					
				14,352	1,047			662		
PRP.2734.East 10th & 31W	Replace 111' of 2" Epoxy, 237' of 4" Epoxy, 738' of plastic, 3,024' of 4" Bare Stl., and 583' of 4" PE. Install 4,470' of 2" PE. I.P.; 77 Services Contractor Material Overhead	77	598,167			\$26,767				
				101,715			5,353			
				14,399	8,470					
				23,513	1,715			1,084		
PRP.2734.East 9th & S Main	Replace 41' of 1" Epoxy, 2,837' of 2" Bare Stl., 83' of 2" Epoxy and 64' of 2" PE. Install 2,170' of 2" PE.; 24 Services Contractor Material Overhead	24	326,919			\$17,279				
				31,703			1,669			
				4,488	2,610					
				7,329	535			338		
PRP.2734.Mcclwain Ct CC	Replace 79' of 1.25" Epoxy, 140' of 2" Epoxy and 762' of 2" Bare Stl. IP with 591' of 2" PE IP. 20 Services Contractor Material Overhead	20	33,364			\$1,702				
				26,420			1,391			
				3,740	2,200					
				6,107	-46			282		
PRP.2734.Schweizer Rd.	Project will consist of the replacement of 4.7 miles of Bare Stl. with new 6" High Pressure distribution. Fiscal Year 2018 portion will be for the acquisition of Right-A-Way only. Contractor Material Overhead		324,753							
				-						
				-						
				-						
PRP.2734.Scottland Ave & Washington	Franklin, KY. Replace 951' of 3" Bare Stl. with 950' of 2" PE., with 12 Services Contractor Material Overhead	12	37,271			\$1,771				
				15,852			834			
				2,244	1,320					
				3,664	267			169		
PRP.2734.State St & E Main	Replace 13 feet of 2" PE, 578 feet of 3" Epoxy, 341 feet of 4" Bare Stl., 630 feet of 4" Epoxy, 774 feet of 6" Bare Stl., 400 feet 6" Epoxy. Install 2,220 feet of 2" PE IP. 30 Services Contractor Material Overhead	30	355,339			\$17,793				
				39,629			2,086			
				5,610	3,309					
				9,161	668			422		
PRP.2734.W Kentucky Ave CC	Replace 180' of 2" PE, 1,642' of 3" Bare Stl., 201' of 4" Plastic, with 1,370' of 2" PE.; 21 Services Contractor Material Overhead	21	68,940			\$3,471				
				27,740			1,460			
				3,927	2,310					
				6,413	468			296		

ATMOS ENERGY CORPORATION
 KENTUCKY PIPE REPLACEMENT PROGRAM
 SURCHARGE CALCULATION OF FORCASTED ACTIVITY

2018 PROJECT DETAILS

Projects	Project Description	No. of services	Installation			Cost of Removal			Retirements		
			Main	Services	Meters	Main	Services	Meters	Main	Services	Meters
PRP.2734.West 10th & Payne	Replace 602' of 2" Epoxy, 371' of 2" Plastic, 687' of 3" Bare Stl., 1,348' of 3" Epoxy, 1,537' of 4" Bare Stl., 687' of 4" Epoxy, 61' of 4" Plastic, and 16' of Unknown. Install 4,440' of 2" PE.	77	526,184			\$26,309					
	Contractor			101,715			5,353				
	Material			14,399	8,470						
	Overhead			23,513	1,713			1,084			
PRP.2735.6th Main St - SG	Replace 359' of 2" P.E., 2,932' of 4" Bare Stl., 34' of 2" Hot Tar, 92' of .75" of Epoxy Stl., 357' of 4" Hot Tar, 145' of 4" Epoxy, 420' of 2" Epoxy, 1,088' of 2" Bare Stl., 41' of 3" Bare Stl., 348' of 2" Mill Wrap, 6' of 2" Unknown Stl. Install 2,250' of 2" PE & 2,200' of 4" PE IP. 44 Services	44	438,600			\$21,057					
	Contractor			58,123			3,039				
	Material			8,228	4,840						
	Overhead			13,136	980			619			
PRP.2735.S.Main-Lawson - SG	Replace 134' of 2" Hot Tar, 111' of 1.25" Bare Stl., 2,590' of 4" PE, 2,698' of 4" Epoxy Stl., 34' of 3" Epoxy Stl., 187' of 2" PE, 346' of 2" Epoxy Stl., 3,509' of 3" Bare Stl., 708' of 2" Bare Stl., 381' of 2" Mill Wrap, and 701' of 4" Bare Stl. Install 5,700' of 2" PE and 4,150' of 4" PE IP. 104 Services	104	955,714			\$48,891					
	Contractor			137,381			7,231				
	Material			19,448	11,440						
	Overhead			31,758	2,317			1,464			
PRP.2736.Central Ave	Replace 295' of 4" N/A Plastic, 865' of 2" Epoxy, 1,474' of 4" Bare Stl., 1,197' of 6" Bare Stl., 4,000' of 4" Epoxy, 271' of 2" N/A Plastic. Install 6,855' of 2" PE, 2,130' of 4" PE; 116 Services.	116	605,820			\$30,868					
	Contractor			153,233			8,065				
	Material			21,692	12,760						
	Overhead			35,422	2,584			1,633			
PRP.2736.East 13th St	Replace 2,093' of 6" Bare Stl., 2,452' of 4" Epoxy, 1,421' of 4" Bare Stl., 1,105' of 2" Epoxy, & 1,053' of 4" Plastic. Install 4,840' of 2" PE, and 3,900' of 4" PE, 119 Services.	119	622,948			\$30,028					
	Contractor			157,106			8,273				
	Material			22,233	13,090						
	Overhead			36,338	2,651			1,675			
PRP.2736.Kirkman.Bryan.Liberty	Replace 16,106' of bare 2" & 4" LP steel with 8,355' of 2" PE and 7,750' of 4" PE IP; 263 services.	263	584,493			\$30,088					
	Contractor			347,416			18,285				
	Material			49,181	28,930						
	Overhead			80,311	5,858			3,703			
PRP.2737.Cogar Ave	Replace 204' of 2" PE, 185' feet of 2" Mill Wrap - Bare Joint, 3,610' of 2" Epoxy, with 3,930' of 2" PE, 75 Services	75	434,523			\$21,319					
	Contractor			99,673			5,214				
	Material			14,825	8,250						
	Overhead			22,902	1,671			1,056			
PRP.2737.Hamilton Ave	Replace 5,540' of 2" Mill-Wrap Bare Joint, 6,534' of 2" Epoxy, 58' of 4" Epoxy, 2,934' of 4" Mill-Wrap, with 11,109' of 2" PE, and 2,950' of 4" PE, 180 Services	180	1,049,379			\$54,116					
	Contractor			237,776			12,515				
	Material			33,660	19,800						
	Overhead			54,866	4,010			2,534			
PRP.2737.KY.1247	Replace 500' of 4" steel with 500' of 4" HDPE	-	97,957			\$4,295					
	Contractor			-			-				
	Material			-			-				
	Overhead			-			-				
PRP.2737.West Lane	Replace 6' of Mill Wrap Bare Joint 2" Stl & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services	20	124,157			\$5,915					
	Contractor			26,420			1,391				
	Material			3,740	2,200						
	Overhead			6,107	416			282			
PRP.2738.Chandler Ave	Replace 1,576' of 6" Mill Wrtp Bare Joint Stl., 357' of 2" Epoxy, 812' of 3" Epoxy, 611' of 4" Epoxy, 95' of 6" Epoxy, 878' of 3" Bare Stl., 558' of 2" Bare Stl., 3,594' of 4" Hot Tar, 11' of 2" Mill wrap, 341' of 4" N/A Plastic, 320' of 4" Bare Stl. Install 2,080' of 2" P.E. and 7,255' of 6" P.E. 61 Services	61	887,112			\$41,973					
	Contractor			80,579			4,241				
	Material			11,407	6,710						
	Overhead			18,627	1,339			859			
PRP.2738.Coakley St	Replace 2,394 feet of 6" Mill Wrap Bare Joint, 173 feet of 4" Epoxy, 530 feet of 4" Bare Stl., 840 feet of 4" Plastic, 703 feet of 2" Bare Stl., 2,624 feet of 2" Epoxy, 175 feet of 2" Plastic, 615 feet of 2" Bare Stl. Install 4,705 feet of 2" P.E., 3680' feet of 6" PE. 116 Services	116	828,591			\$39,147					
	Contractor			153,233			8,065				
	Material			21,692	12,760						
	Overhead			35,422	2,584			1,633			
PRP.2738.Collage St	Replace 350' of 2" N/A Plastic, 42' of 4" Epoxy, 1,041' of 2" Epoxy, 4,138' of 2" Painted Stl., 217' of 1.25" Painted Stl., 3,608' of 4" Painted Stl. Install 4,157' of 2" P.E. and 4,245' of 4" P.E. 126 Services	126	619,092			\$30,861					
	Contractor			166,443			8,760				
	Material			23,562	13,860						
	Overhead			38,476	2,807			1,774			

ATMOS ENERGY CORPORATION
 KENTUCKY PIPE REPLACEMENT PROGRAM
 SURCHARGE CALCULATION OF FORCASTED ACTIVITY

2018 PROJECT DETAILS

Projects	Project Description	No. of services	Installation			Cost of Removal			Retirements			
			Main	Services	Meters	Main	Services	Meters	Main	Services	Meters	
PRP.2738.Springfield.Calvary	Replace 7.6 miles of 6 inch and 6.7 miles of 4 inch HP Steel and install approximately 15.2 miles of 6 inch HP Steel. Contractor Material Overhead	-	8,732,212	-	-	\$134,186	-	-	-	-	-	-
PRP.School House Mammoth Cave	Replace 13' of 2" Bare SH, 524' of 4" Epoxy, 995' of 2 Epoxy, 273' of 3/4" Epoxy, 1,683' of 2" Epoxy, 145 feet of 1.25" Epoxy, 147 feet of 1" Epoxy. Install 4,300 feet of 2" PE. 66 Services. Contractor Material Overhead	66	349,161	87,184 12,342 20,134	7,260 1,470	\$18,120	4,589 929	-	-	-	-	-
	Contractor Material Overhead			- - -	- - -		- - -					
	Total specific budgeted projects & bare steel functional		35,743,136	5,178,899	377,777	1,756,522	238,772					
	Non specific bare steel functional			1,402,698	102,320		64,671					
	Total budgeted 2018 projects		35,743,136	6,581,596	480,098	1,756,522	303,444	\$6,954,541	2,422,988	185,562		