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BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION
NASHVILLE, TENNESSEE

January 19, 2021

IN RE:	)	
	)	**Docket No.**
CHATTANOOGA GAS COMPANY	)	
PETITION FOR APPROVAL OF ITS	)	**20-00131**
PIPE REPLACEMENT PROGRAM	)	
	)	

CGC Responses to the Consumer Advocate's Informal Questions

1. Please provide a copy of the excel schedules/workpapers used in the preparation of Mr. Hickerson's testimony, with cell references intact.

CGC RESPONSE: Please see the attached Excel spreadsheet identified as "Q1 Hickerson Workpapers."

2. Has the proposed PRP program resulted in any revisions to the overall CGC capital budget for non-PRP items? If so, please provide both the prior and new capital budgets for non-PRP items for 2021 through 2023.

CGC RESPONSE: CGC has not made any revisions to the capital budget as the PRP program has not yet been approved. The capital budget will be adjusted after the PRP program has been approved and the Company knows the program length and corresponding dollars to add to each year. The current projected capital budgets for 2021-2023 are as follows:

2021 - $34.3 M (includes $1.8 M for DIMP)
2022 - $28.7 M (includes $1.8 M for DIMP)
2023 - $30.1 M (includes $1.8 M for DIMP)

3. Please provide a copy of all DOT and PHMSA reports submitted from CGC or any CGC affiliate which includes CGC pipe by material type installed within the CGC system covering the years 2017 – 2019. Also, provide a copy of the 2020 report when such report is submitted.

CGC RESPONSE: Please see the attached DOT Annual Reports for transmission and distribution submitted by CGC for the years 2017 – 2019, and each beginning "Q3." The 2020 DOT Annual Reports are not due to PHMSA until March 15, 2021, and they will most likely not be available until after that date.

4. In TPUC Docket No. 20-00049 on page 12 of Mr. Leath's testimony, he referenced completion of the bare steel and cast iron pipeline replacement program which has been undertaken over a period of 20 years. In this same docket in its Response to Consumer Advocate DR No. 1-7, the Company referenced the replacement of 107 bare steel service lines and 7 miles of Bare Steel Mains within the context of the completion of the bare steel service and cast iron pipeline replacement program. However, in TPUC Docket No. 20-00131, on page 5 of Mr. Leath's testimony, he referenced the need to remove 73 miles of vintage plastic, bare and ineffectively coated steel pipe and any associated services lines made from one of the materials being replaced. With respect to both the information provided in TPUC Docket Nos. 20-00049 and 20-00131, please respond to the following:

    a. Provide a comprehensive explanation reconciling the statement made in TPUC Docket No. 20-00049 referencing the completion of the bare steel and cast iron pipe replacement program which apparently included the replacement of both mains and services, with the information contained in testimony in TPUC Docket No. 20-00131 that at least some portion of the proposed PRP includes the replacement of bare steel pipe.

CGC RESPONSE: Chattanooga Gas Company's original Bare Steel and Cast Iron Program was a commitment by the Company to renew approximately 21 miles of bare steel and cast iron gas mains as set forth in CGC's 2006 rate case and discussed by Mr. Leath at page 10 of his testimony. As Mr. Leath further discusses, in the 2009 rate case, CGC reported it would replace an additional 59 miles of bare steel and cast iron. At the time the 2009 program commitments were made, the Company's records indicated that these two programs would remove all of the then classified bare steel and cast iron. That classification was based upon the fact that all that bare steel *never had any coating* applied to the steel mains. The Company's commitment to remove all of the bare steel identified in the 2006 and 2009 rate cases was completed in 2020.

The Chattanooga Gas Company's 2010 Distribution Annual Report submitted on March 15, 2011 included a gas main material reclassification. This DOT Report states, "Chattanooga Gas Company has reclassified 37 miles of distribution steel main from coated/protected to bare/protected to reflect the inferior protective properties associated with the earliest types of steel pipe coatings (bare grease, roskote, no oxide, etc.)". This reclassification was done following discussions with state and federal regulators in 2010 on how PHMSA groups both bare and ineffectively coated steel pipelines in the reporting buckets of the PHMSA annual report. This reclassification was not part of the original mileage commitment to TPUC and represents the remaining "bare" (which is actually ineffectively coated) steel referenced in the proposed replacement program.

    b. Identify (estimate if not known) the number of anticipated services to be replaced under the PRP and explain how such numbers (or estimates) were derived.

CGC RESPONSE: Please see the information in the table below.

Asset Type	Proposed Renewal Mileage	Estimated Number of Service Miles	Explanation
Plastic - Pre 1974	30	1835	This estimate is based on the number of service taps that are coming off of Early Vintage Plastic (Pre 1974) Main in GIS.
Plastic - Risk Based 1974-1983	15	868	The Risk Based project areas will be reviewed annually and are subject to change. This estimate is based on the number of service taps that are coming off of Mid Vintage Plastic (1974 – 1983) Main in GIS to determine a mile of main to service tap ratio. This ratio was than applied to the proposed 15 miles.
Plastic - Neighborhood Convenience	3	174	The Neighborhood Convenience areas will be reviewed annually and are subject to change. This estimate is based on the number of service taps that are coming off of Mid Vintage Plastic (1974 – 1983) Main in GIS to determine a mile of main to service tap ratio. This ratio was than applied to the proposed 3 miles.
Bare Steel	25	443	This estimate is based on the number of service taps that are coming from Bare Steel Mains in GIS.

c. Does CGC know the material type for each of its service lines? To the extent CGC is aware of the material type of its service lines, provide a breakdown of the number of services by material type.

CGC RESPONSE: The material breakdown of services is reported on the Company's Distribution Annual Report. These service card records are managed electronically; however, these records cannot be spatially queried to the proposed main renewal materials for aggregate attribute reporting. That being said, some reasonable assumptions can be made based upon general

engineering and construction practices. A high percentage of services coming off vintage plastic main will also be vintage plastic because they are often installed at the same time as part of the initial gas main installation. Additionally, it is uncommon for steel services to be tapped into a plastic main.

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed $1,000,000 as provided in 49 USC 60122.			OMB NO: 2137-0629 EXPIRATION DATE: 1/31/2018
U.S Department of Transportation Pipeline and Hazardous Materials Safety Administration	**Initial Date Submitted:**		03/15/2018
	Form Type:		INITIAL
	Date Submitted:		

ANNUAL REPORT FOR CALENDAR YEAR 2017 GAS DISTRIBUTION SYSTEM

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

Important: *Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.*

PART A - OPERATOR INFORMATION	**(DOT use only)**		**20188789-35942**

1. Name of Operator	CHATTANOOGA GAS CO
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	10 Peachtree Place, NE
2b. City and County	ATLANTA Fulton
2c. State	GA
2d. Zip Code	30309
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	2288
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	10 PEACHTREE PLACE NE
4b. City and County	ATLANTA
4c. State	GA
4d. Zip Code	30309
5. STATE IN WHICH SYSTEM OPERATES	TN
6. **THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP** *(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)*	
Natural Gas	
7. **THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF OPERATOR** *(Select Type of Operator based on the structure of the company included in this OPID for which this report is being submitted.)***:**	
Privately Owned	

PART B - SYSTEM DESCRIPTION

1.GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	RECONDITIONED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN	7.2	0	25.3	540.2	1066.6	0.5	0	0	0		1639.8
NO. OF SERVICES	25	0	0	14638	62207	0	0	0	0		76870

2.MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	176.1	194.0	160.0	31.8	10.8	572.7
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	0.4	0.1	0	0	.5
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	812.1	192.9	61.6	0	0	1066.6
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	988.2	387.3	221.7	31.8	10.8	1639.8

Describe Other Material:

3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR | **AVERAGE SERVICE LENGTH: 107**

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	0	11762	2774	107	20	0	14663
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	0	0	0	0	0
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	55494	6673	39	1	0	62207
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	67256	9447	146	21	0	76870

Describe Other Material:

4.MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION

	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL

MILES OF MAIN	24.0	0.2	2.3	63.0	223.6	172.2	265.0	506.0	214.9	168.6	1639.8
NUMBER OF SERVICES	869	673	512	4389	10557	6785	11833	22619	9747	8886	76870

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	33	3	19	11
NATURAL FORCE DAMAGE	6	2	23	5
EXCAVATION DAMAGE	37	37	162	159
OTHER OUTSIDE FORCE DAMAGE	0	0	15	14
PIPE, WELD OR JOINT FAILURE	44	8	98	50
EQUIPMENT FAILURE	15	5	415	89
INCORRECT OPERATIONS	2	1	3	3
OTHER CAUSE	5	1	8	4

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : **22**

PART D - EXCAVATION DAMAGE

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 202

a. One-Call Notification Practices Not Sufficient: 102

b. Locating Practices Not Sufficient: 39

c. Excavation Practices Not Sufficient: 57

d. Other: 4

2. NUMBER OF EXCAVATION TICKETS : 49591

PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA

Total Number Of Services with EFV Installed During Year: 1551

Estimated Number Of Services with EFV In the System At End Of Year: 14249

* Total Number of Manual Service Line Shut-off Valves Installed During Year: 100

* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 11735

**These questions only pertain to reporting years 2017 & beyond.*

PART F - LEAKS ON FEDERAL LAND

TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0

PART G-PERCENT OF UNACCOUNTED FOR GAS

UNACCOUUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.

INPUT FOR YEAR ENDING 6/30: 0.36%

PART H - ADDITIONAL INFORMATION

PART I - PREPARER	
Ralph McCollum,Lead Compliance Engineer (Preparer's Name and Title)	(404) 584-3733 (Area Code and Telephone Number)
rmccollu@southernco.com (Preparer's email address)	(404)584-4710 (Area Code and Facsimile Number)

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed $100,000 for each violation for each day the violation continues up to a maximum of $1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 8/31/2020

U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	**ANNUAL REPORT FOR CALENDAR YEAR 2017 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS**	**Initial Date Submitted**	**03/12/2018**
		Report Submission Type	**INITIAL**
		Date Submitted	

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 42 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

Important: *Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.*

PART A - OPERATOR INFORMATION	DOT USE ONLY	**20186993 - 34202**

1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)

2288

2. NAME OF OPERATOR:

CHATTANOOGA GAS CO

3. RESERVED

4. HEADQUARTERS ADDRESS:

10 PEACHTREE PLACE NE
Street Address

ATLANTA
City

State: **GA** Zip Code: **30309**

5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP: *(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)*

Natural Gas

6. RESERVED

7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: *(Select one or both)*

INTERstate pipeline – List all of the States and OSC portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist. etc.

INTRAstate pipeline – List all of the States in which INTRAstate pipelines and or pipeline facilities included under this OPID exist. **TENNESSEE** etc.

8. RESERVED

For the designated Commodity Group, PARTs B and D will be calculated based on the data entered in Parts L and P respectively. Complete Part C one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstate - included within this OPID.

PART B – TRANSMISSION PIPELINE HCA MILES	
	Number of HCA Miles
Onshore	5.6
Offshore	0
Total Miles	5.6

PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludesTransmission lines of Gas Distribution systems)	☒ **Check this box and do not complete PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems.**

	Onshore	**Offshore**
Natural Gas		
Propane Gas		
Synthetic Gas		
Hydrogen Gas		
Landfill Gas		
Other Gas - Name:		

PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION

	Steel Cathodically protected		Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite[1]	Other	Total Miles
Transmission										
Onshore	0	6.6	0	0	0	0	0	0	0	*6.6*
Offshore	0	0	0	0	0	0	0	0	0	*0*
Subtotal Transmission	*0*	*6.6*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	6.6
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	*0*
Onshore Type B	0	0	0	0	0	0	0	0	0	*0*
Offshore	0	0	0	0	0	0	0	0	0	*0*
Subtotal Gathering	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	0
Total Miles	*0*	*6.6*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	6.6

[1]Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

PART E – RESERVED

Form Approved
OMB No. 2137-0522
Expires: 8/31/2020

For the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero.

PARTs F and G

The data reported in these PARTs applies to: *(select only one)*

☐ **Interstate pipelines/pipeline facilities**

☒ **Intrastate pipelines/pipeline facilities in the State of TENNESSEE** *(complete for each State)*

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION

1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS	
a. Corrosion or metal loss tools	0
b. Dent or deformation tools	0
c. Crack or long seam defect detection tools	0
d. Any other internal inspection tools, specify other tools:	0
1. Internal Inspection Tools - Other	
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	*0*
2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	0
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	0
1. ECDA	0
2. ICDA	0
3. SCCDA	0
b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
1. ECDA	0
2. ICDA	0
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0

2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	0
1.Other Inspection Techniques	
b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933©]	0
6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR	
a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a)	*0*
b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA Segment. (Lines 2.b + 3.b + 4.b.1 + 4.b.2 + 4.b.3 + 5.b)	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4)	0
d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:	0
e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:	0
PART G– MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segment miles ONLY)	
a. Baseline assessment miles completed during the calendar year.	
b. Reassessment miles completed during the calendar year.	
c. Total assessment and reassessment miles completed during the calendar year.	

Form Approved
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Expires: 8/31/2020

For the designated Commodity Group, complete PARTs H, I, J, K, L, M, P Q and R covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAstate pipelines and/or pipeline facilities for each State in which INTRAstate systems exist within this OPID.

PARTs H, I, J, K, L, M, P, Q, and R

The data reported in these PARTs applies to: (*select only one*)

INTRASTATE pipelines/pipeline facilities TENNESSEE

PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	.1	0	0	6.5	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
6.6	Total Miles of Onshore Pipe – Transmission								

Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
0	Total Miles of Offshore Pipe – Transmission								

PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore Type A	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	

	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Onshore Type A Pipe – Gathering
Onshore Type B	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Onshore Type B Pipe – Gathering
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Offshore Pipe – Gathering

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Unknown	Pre-40	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979
Transmission						
Onshore	0	0	0	0	0	1.2
Offshore		0				
Subtotal Transmission	0	0	0	0	0	1.2
Gathering						
Onshore Type A	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0
Offshore		0				
Subtotal Gathering	0	0	0	0	0	0
Total Miles	*0*	*0*	*0*	*0*	*0*	*1.2*

Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019		Total Miles
Transmission						
Onshore	0	5.3	.1	0		*6.6*
Offshore						*0*
Subtotal Transmission	0	5.3	.1	0		*6.6*
Gathering						

Onshore Type A	0	0	0	0		*0*
Onshore Type B	0	0	0	0		*0*
Offshore						*0*
Subtotal Gathering	0	0	0	0		*0*
Total Miles	*0*	*5.3*	*.1*	*0*		*6.6*

PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH

ONSHORE	CLASS LOCATION				Total Miles
	Class I	Class 2	Class 3	Class 4	
Steel pipe Less than 20% SMYS	0	0	0	0	0
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	.3	.6	5.7	0	6.6
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	0	0	0	0	0
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	0	0	0	0	0
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	0	0	0	0	0
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	0	0	0	0	0
Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Steel pipe Greater than 80% SMYS	0	0	0	0	0
Steel pipe Unknown percent of SMYS	0	0	0	0	0
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	.3	.6	5.7	0	6.6

OFFSHORE	Class I
Less than or equal to 50% SMYS	0
Greater than 50% SMYS but less than or equal to 72% SMYS	0
Steel pipe Greater than 72% SMYS	0
Steel Pipe Unknown percent of SMYS	0
All non-steel pipe	0
Offshore Total	0
Total Miles	.3

PART L - MILES OF PIPE BY CLASS LOCATION

	Class Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class I	Class 2	Class 3	Class 4		
Transmission						
Onshore	.3	.6	5.7	0	6.6	*5.6*
Offshore	0	0	0	0	0	
Subtotal Transmission	.3	.6	5.7	0	6.6	
Gathering						

Onshore Type A	0	0	0	0	0	
Onshore Type B	0	0	0	0	*0*	
Offshore	0	0	0	0	0	
Subtotal Gathering	0	0	0	0	0	
Total Miles	.3	.6	5.7	0	6.6	*5.6*

PART M – FAILURES, LEAKS, AND REPAIRS

PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR

	Transmission Leaks, and Failures					Gathering Leaks		
	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
	Onshore Leaks		Offshore Leaks					
Cause	**HCA**	**Non-HCA**	**HCA**	**Non-HCA**		**Type A**	**Type B**	
External Corrosion	0	0	0	0	0	0	0	0
Internal Corrosion	0	0	0	0	0	0	0	0
Stress Corrosion Cracking	0	0	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0
Equipment	1	0	0	0	0	0	0	0
Incorrect Operations	0	0	0	0	0	0	0	0
Third Party Damage/Mechanical Damage								
Excavation Damage	0	0	0	0	0	0	0	0
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0	0	0
Vandalism (includes all Intentional Damage)	0	0	0	0	0	0	0	0
Weather Related/Other Outside Force								
Natural Force Damage (all)	1	0	0	0	0	0	0	0
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	*2*	*0*	*0*	*0*	*0*	*0*	*0*	*0*

PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

Transmission	0	**Gathering**	0

PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

Transmission		**Gathering**	
Onshore	0	Onshore Type A	0
		Onshore Type B	0
OCS	0	OCS	0
Subtotal Transmission	0	Subtotal Gathering	0
Total	0		

PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS

	Steel Cathodically protected		Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite[1]	Other[2]	Total Miles
Transmission										
Onshore	0	6.6	0	0	0	0	0	0	0	6.6
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	0	6.6	0	0	*0*	*0*	*0*	0	*0*	6.6
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0	0	0	0	*0*
Offshore	0	0	0	0	0	0	0	0		0
Subtotal Gathering	*0*	*0*	*0*	*0*	*0*	*0*	*0*	0	*0*	*0*
Total Miles	*0*	*6.6*	*0*	*0*	*0*	*0*	*0*	0	*0*	*6.6*

[1]Use of Composite pipe requires PHMSA Special Permit or waiver from a State
[2]specify Other material(s):

Part Q - Gas Transmission Miles by §192.619 MAOP Determination Method

	(a)(1) Total	(a)(1) Incomplete Records	(a)(2) Total	(a)(2) Incomplete Records	(a)(3) Total	(a)(3) Incomplete Records	(a)(4) Total	(a)(4) Incomplete Records	(c) Total	(c) Incomplete Records	(d) Total	(d) Incomplete Records	Other[1] Total	Other Incomplete Records
Class 1 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 1 (not in HCA)	0		.3		0		0		0		0		0	
Class 2 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 2 (not in HCA)	0		.6		0		0		0		0		0	
Class 3 (in HCA)	0	0	5.6	1.1	0	0	0	0	0	0	0	0	0	0
Class 3 (not in HCA)	0	0	.1	0	0	0	0	0	0	0	0	0	0	0
Class 4 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 4 (not in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	6.6	1.1	0	0	0	0	0	0	0	0	0	0

Grand Total	6.6
Sum of Total row for all "Incomplete Records" columns	1.1

[1]Specify Other method(s):

Class 1 (in HCA)		Class 1 (not in HCA)	
Class 2 (in HCA)		Class 2 (not in HCA)	
Class 3 (in HCA)		Class 3 (not in HCA)	
Class 4 (in HCA)		Class 4 (not in HCA)	

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Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection

	PT ≥ 1.25 MAOP		1.25 MAOP > PT ≥ 1.1 MAOP		PT < 1.1 or No PT	
Location	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE
Class 1 in HCA	0	0	0	0	0	0
Class 2 in HCA	0	0	0	0	0	0
Class 3 in HCA	0	4.5	0	0	0	1.1
Class 4 in HCA	0	0	0	0	0	0
in HCA subTotal	*0*	*4.5*	*0*	*0*	*0*	*1.1*
Class 1 not in HCA	0	.3	0	0	0	0
Class 2 not in HCA	0	.6	0	0	0	0
Class 3 not in HCA	0	.1	0	0	0	0
Class 4 not in HCA	0	0	0	0	0	0
not in HCA subTotal	*0*	*1*	*0*	*0*	*0*	*0*
Total	*0*	*5.5*	*0*	*0*	*0*	*1.1*

PT ≥ 1.25 MAOP Total	5.5	Total Miles Internal Inspection ABLE	0
1.25 MAOP > PT ≥ 1.1 MAOP Total	0	Total Miles Internal Inspection NOT ABLE	6.6
PT < 1.1 or No PT Total	1.1	Grand Total	6.6
Grand Total	6.6		

For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission pipeline facilities included within this OPID have Part L HCA mile value greater than zero.

PART N - PREPARER SIGNATURE

Ralph McCollum

Preparer's Name(type or print)

(404) 584-3733
Telephone Number

Lead Compliance Engineer

Preparer's Title

rmccollu@southernco.com

Preparer's E-mail Address

PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)

404-584-4504
Telephone Number

Donald F Carter

Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

VP, Compliance & Technical Services

Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

doncarte@southernco.com

Senior Executive Officer's E-mail Address

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U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	**ANNUAL REPORT FOR CALENDAR YEAR 2018 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS**	**Initial Date Submitted**	**03/12/2019**
		Report Submission Type	**INITIAL**
		Date Submitted	

Important: *Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.*

PART A - OPERATOR INFORMATION	DOT USE ONLY	**20190625 - 35971**

1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)

2288

2. NAME OF OPERATOR:

CHATTANOOGA GAS CO

3. RESERVED

4. HEADQUARTERS ADDRESS:

10 PEACHTREE PLACE NE
Street Address

ATLANTA
City

State: **GA** Zip Code: **30309**

5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP: *(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)*

Natural Gas

6. RESERVED

7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: *(Select one or both)*

INTERstate pipeline – List all of the States and OSC portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist. etc.

INTRAstate pipeline – List all of the States in which INTRAstate pipelines and or pipeline facilities included under this OPID exist. **TENNESSEE** etc.

8. RESERVED

For the designated Commodity Group, PARTs B and D will be calculated based on the data entered in Parts L and P respectively. Complete Part C one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstate - included within this OPID.

PART B – TRANSMISSION PIPELINE HCA MILES	
	Number of HCA Miles
Onshore	5.6
Offshore	0
Total Miles	5.6

PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludesTransmission lines of Gas Distribution systems)	☒ **Check this box and do not complete PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems.**

	Onshore	**Offshore**
Natural Gas		
Propane Gas		
Synthetic Gas		
Hydrogen Gas		
Landfill Gas		
Other Gas - Name:		

PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION

	Steel Cathodically protected		Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite[1]	Other	Total Miles
Transmission										
Onshore	0	6.6	0	0	0	0	0	0	0	*6.6*
Offshore	0	0	0	0	0	0	0	0	0	*0*
Subtotal Transmission	*0*	*6.6*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	6.6
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	*0*
Onshore Type B	0	0	0	0	0	0	0	0	0	*0*
Offshore	0	0	0	0	0	0	0	0	0	*0*
Subtotal Gathering	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	0
Total Miles	*0*	*6.6*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	6.6

[1]Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

PART E – RESERVED

For the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero.

PARTs F and G

The data reported in these PARTs applies to: *(select only one)*

☐ **Interstate pipelines/pipeline facilities**

☒ **Intrastate pipelines/pipeline facilities in the State of TENNESSEE** *(complete for each State)*

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION	
1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS	
a. Corrosion or metal loss tools	0
b. Dent or deformation tools	0
c. Crack or long seam defect detection tools	0
d. Any other internal inspection tools, specify other tools:	0
1. Internal Inspection Tools - Other	
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	*0*
2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	0
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	0
1. ECDA	0
2. ICDA	0
3. SCCDA	0
b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
1. ECDA	0
2. ICDA	0
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0

2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	0
1.Other Inspection Techniques	
b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933©]	0
6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR	
a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a)	*0*
b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA Segment. (Lines 2.b + 3.b + 4.b.1 + 4.b.2 + 4.b.3 + 5.b)	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4)	0
d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:	0
e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:	0
PART G– MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segment miles ONLY)	
a. Baseline assessment miles completed during the calendar year.	0
b. Reassessment miles completed during the calendar year.	0
c. Total assessment and reassessment miles completed during the calendar year.	0

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For the designated Commodity Group, complete PARTs H, I, J, K, L, M, P Q and R covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAstate pipelines and/or pipeline facilities for each State in which INTRAstate systems exist within this OPID.

PARTs H, I, J, K, L, M, P, Q, and R

The data reported in these PARTs applies to: (*select only one*)

INTRASTATE pipelines/pipeline facilities TENNESSEE

PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	.1	0	0	6.5	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
6.6	Total Miles of Onshore Pipe – Transmission								

Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
0	Total Miles of Offshore Pipe – Transmission								

PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore Type A	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	

	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Onshore Type A Pipe – Gathering
Onshore Type B	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Onshore Type B Pipe – Gathering
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Offshore Pipe – Gathering

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Unknown	Pre-40	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979
Transmission						
Onshore	0	0	0	0	0	1.2
Offshore		0				
Subtotal Transmission	0	0	0	0	0	1.2
Gathering						
Onshore Type A	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0
Offshore		0				
Subtotal Gathering	0	0	0	0	0	0
Total Miles	*0*	*0*	*0*	*0*	*0*	*1.2*

Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019		Total Miles
Transmission						
Onshore	0	5.3	.1	0		*6.6*
Offshore						*0*
Subtotal Transmission	0	5.3	.1	0		*6.6*
Gathering						

Onshore Type A	0	0	0	0		*0*
Onshore Type B	0	0	0	0		*0*
Offshore						*0*
Subtotal Gathering	0	0	0	0		*0*
Total Miles	*0*	*5.3*	*.1*	*0*		*6.6*

PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH

ONSHORE	CLASS LOCATION				Total Miles
	Class I	Class 2	Class 3	Class 4	
Steel pipe Less than 20% SMYS	0	0	0	0	0
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	.3	.6	4.6	0	5.5
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	0	0	0	0	0
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	0	0	1.1	0	1.1
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	0	0	0	0	0
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	0	0	0	0	0
Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Steel pipe Greater than 80% SMYS	0	0	0	0	0
Steel pipe Unknown percent of SMYS	0	0	0	0	0
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	.3	.6	5.7	0	6.6

OFFSHORE	Class I
Less than or equal to 50% SMYS	0
Greater than 50% SMYS but less than or equal to 72% SMYS	0
Steel pipe Greater than 72% SMYS	0
Steel Pipe Unknown percent of SMYS	0
All non-steel pipe	0
Offshore Total	0
Total Miles	.3

0

6.6

PART L - MILES OF PIPE BY CLASS LOCATION

	Class Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class I	Class 2	Class 3	Class 4		
Transmission						
Onshore	.3	.6	5.7	0	6.6	*5.6*
Offshore	0	0	0	0	0	
Subtotal Transmission	.3	.6	5.7	0	6.6	
Gathering						

Onshore Type A	0	0	0	0	0	
Onshore Type B	0	0	0	0	*0*	
Offshore	0	0	0	0	0	
Subtotal Gathering	0	0	0	0	0	
Total Miles	.3	.6	5.7	0	6.6	*5.6*

PART M – FAILURES, LEAKS, AND REPAIRS

PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR

	Transmission Leaks, and Failures					Gathering Leaks		
	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
	Onshore Leaks		Offshore Leaks					
Cause	**HCA**	**Non-HCA**	**HCA**	**Non-HCA**		**Type A**	**Type B**	
External Corrosion	0	0	0	0	0	0	0	0
Internal Corrosion	0	0	0	0	0	0	0	0
Stress Corrosion Cracking	0	0	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0
Incorrect Operations	0	0	0	0	0	0	0	0
Third Party Damage/Mechanical Damage								
Excavation Damage	0	0	0	0	0	0	0	0
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0	0	0
Vandalism (includes all Intentional Damage)	0	0	0	0	0	0	0	0
Weather Related/Other Outside Force								
Natural Force Damage (all)	0	0	0	0	0	0	0	0
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*

PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

Transmission	0	**Gathering**	0

PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

Transmission		Gathering	
Onshore	0	Onshore Type A	0
		Onshore Type B	0
OCS	0	OCS	0
Subtotal Transmission	0	Subtotal Gathering	0
Total	0		

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PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS

	Steel Cathodically protected		Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite[1]	Other[2]	Total Miles
Transmission										
Onshore	0	6.6	0	0	0	0	0	0	0	6.6
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	0	6.6	0	0	*0*	*0*	*0*	0	*0*	6.6
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0	0	0	0	*0*
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Gathering	*0*	*0*	*0*	*0*	*0*	*0*	*0*	0	*0*	*0*
Total Miles	*0*	*6.6*	*0*	*0*	*0*	*0*	*0*	0	*0*	*6.6*

[1]Use of Composite pipe requires PHMSA Special Permit or waiver from a State
[2]specify Other material(s):

Part Q - Gas Transmission Miles by §192.619 MAOP Determination Method

	(a)(1) Total	(a)(1) Incomplete Records	(a)(2) Total	(a)(2) Incomplete Records	(a)(3) Total	(a)(3) Incomplete Records	(a)(4) Total	(a)(4) Incomplete Records	(c) Total	(c) Incomplete Records	(d) Total	(d) Incomplete Records	Other[1] Total	Other Incomplete Records
Class 1 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 1 (not in HCA)	0		.3		0		0		0		0		0	
Class 2 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 2 (not in HCA)	0		.6		0		0		0		0		0	
Class 3 (in HCA)	0	0	5.6	1.1	0	0	0	0	0	0	0	0	0	0
Class 3 (not in HCA)	0	0	.1	0	0	0	0	0	0	0	0	0	0	0
Class 4 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 4 (not in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	6.6	1.1	0	0	0	0	0	0	0	0	0	0

Grand Total	6.6
Sum of Total row for all "Incomplete Records" columns	1.1

[1]Specify Other method(s):

Class 1 (in HCA)		Class 1 (not in HCA)	
Class 2 (in HCA)		Class 2 (not in HCA)	
Class 3 (in HCA)		Class 3 (not in HCA)	
Class 4 (in HCA)		Class 4 (not in HCA)	

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Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection

	PT ≥ 1.25 MAOP		1.25 MAOP > PT ≥ 1.1 MAOP		PT < 1.1 or No PT	
Location	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE
Class 1 in HCA	0	0	0	0	0	0
Class 2 in HCA	0	0	0	0	0	0
Class 3 in HCA	0	4.5	0	0	0	1.1
Class 4 in HCA	0	0	0	0	0	0
in HCA subTotal	*0*	*4.5*	*0*	*0*	*0*	*1.1*
Class 1 not in HCA	0	.3	0	0	0	0
Class 2 not in HCA	0	.6	0	0	0	0
Class 3 not in HCA	0	.1	0	0	0	0
Class 4 not in HCA	0	0	0	0	0	0
not in HCA subTotal	*0*	*1*	*0*	*0*	*0*	*0*
Total	*0*	*5.5*	*0*	*0*	*0*	*1.1*

PT ≥ 1.25 MAOP Total	5.5	Total Miles Internal Inspection ABLE	0
1.25 MAOP > PT ≥ 1.1 MAOP Total	0	Total Miles Internal Inspection NOT ABLE	6.6
PT < 1.1 or No PT Total	1.1	Grand Total	6.6
Grand Total	6.6		

For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission pipeline facilities included within this OPID have Part L HCA mile value greater than zero.

PART N - PREPARER SIGNATURE

Ralph McCollum

Preparer's Name(type or print)

(404) 584-3733
Telephone Number

Lead Compliance Engineer

Preparer's Title

rmccollu@southernco.com

Preparer's E-mail Address

PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)

404-584-4504
Telephone Number

Donald F Carter

Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

VP, Compliance & Technical Services

Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

doncarte@southernco.com

Senior Executive Officer's E-mail Address

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed $1,000,000 as provided in 49 USC 60122.			OMB NO: 2137-0629 EXPIRATION DATE: 10/31/2021
U.S Department of Transportation Pipeline and Hazardous Materials Safety Administration	**Initial Date Submitted:**		03/15/2019
	Form Type:		INITIAL
	Date Submitted:		

ANNUAL REPORT FOR CALENDAR YEAR 2018 GAS DISTRIBUTION SYSTEM

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

Important: *Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.*

PART A - OPERATOR INFORMATION	**(DOT use only)**		**20190934-38384**

1. Name of Operator	CHATTANOOGA GAS CO
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	10 Peachtree Place, NE
2b. City and County	ATLANTA
2c. State	GA
2d. Zip Code	30309
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	2288
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	10 PEACHTREE PLACE NE
4b. City and County	ATLANTA
4c. State	GA
4d. Zip Code	30309
5. STATE IN WHICH SYSTEM OPERATES	TN
6. **THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP** *(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)*	
Natural Gas	
7. **THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF OPERATOR** *(Select Type of Operator based on the structure of the company included in this OPID for which this report is being submitted.)***:**	
Privately Owned	

PART B - SYSTEM DESCRIPTION

1.GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	RECONDITIONED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN	5.2	0	24.7	537.9	1080.6	0.5	0	0	0	0	1648.9
NO. OF SERVICES	24	0	0	14589	63479	0	0	0	0	0	78092

2.MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	174.8	191.7	158.7	31.8	10.8	567.8
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	0.4	0.1	0	0	.5
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	821.2	196.0	63.4	0	0	1080.6
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	996	388.1	222.2	31.8	10.8	1648.9

Describe Other Material:

3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR | **AVERAGE SERVICE LENGTH: 107**

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	0	11714	2772	107	20	0	14613
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	0	0	0	0	0
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	56419	7020	39	1	0	63479
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	68133	9792	146	21	0	78092

Describe Other Material:

4.MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION

	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL

MILES OF MAIN	23.4	0.2	1.9	61.6	222.3	171.2	264.6	505.8	214.7	183.2	1648.9
NUMBER OF SERVICES	820	673	512	4389	10551	6714	11820	22618	9747	10248	78092

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	34	2	7	0
NATURAL FORCE DAMAGE	6	0	22	7
EXCAVATION DAMAGE	34	34	184	183
OTHER OUTSIDE FORCE DAMAGE	1	0	23	20
PIPE, WELD OR JOINT FAILURE	41	17	77	40
EQUIPMENT FAILURE	7	6	337	56
INCORRECT OPERATIONS	0	0	1	0
OTHER CAUSE	1	0	8	4

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : **20**

PART D - EXCAVATION DAMAGE

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 225

a. One-Call Notification Practices Not Sufficient: 125

b. Locating Practices Not Sufficient: 35

c. Excavation Practices Not Sufficient: 65

d. Other: 0

2. NUMBER OF EXCAVATION TICKETS : 46879

PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA

Total Number Of Services with EFV Installed During Year: 1425

Estimated Number Of Services with EFV In the System At End Of Year: 15674

* Total Number of Manual Service Line Shut-off Valves Installed During Year: 9

* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 11744

**These questions only pertain to reporting years 2017 & beyond.*

PART F - LEAKS ON FEDERAL LAND

TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 2

PART G-PERCENT OF UNACCOUNTED FOR GAS

UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.

[(PURCHASED GAS + PRODUCED GAS) MINUS (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS)] DIVIDED BY (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS) TIMES 100 EQUALS PERCENT UNACCOUNTED FOR.

FOR YEAR ENDING 6/30: 2.05%

PART H - ADDITIONAL INFORMATION

PART I - PREPARER	
Ralph McCollum,Lead Compliance Engineer (Preparer's Name and Title)	(404) 584-3733 (Area Code and Telephone Number)
rmccollu@southernco.com (Preparer's email address)	(404)584-4710 (Area Code and Facsimile Number)

Form Approved
OMB No. 2137-0522
Expires: 8/31/2020

U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	**ANNUAL REPORT FOR CALENDAR YEAR 2019 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS**	**Initial Date Submitted**	**03/13/2020**
		Report Submission Type	**INITIAL**
		Date Submitted	

Important: *Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.*

PART A - OPERATOR INFORMATION	DOT USE ONLY	**20201162 - 37867**

1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)

2288

2. NAME OF OPERATOR:

CHATTANOOGA GAS CO

3. RESERVED

4. HEADQUARTERS ADDRESS:

10 PEACHTREE PLACE NE
Street Address

ATLANTA
City

State: **GA** Zip Code: **30309**

5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP: *(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)*

Natural Gas

6. RESERVED

7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: *(Select one or both)*

INTERstate pipeline – List all of the States and OSC portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist. etc.

INTRAstate pipeline – List all of the States in which INTRAstate pipelines and or pipeline facilities included under this OPID exist. **TENNESSEE** etc.

8. RESERVED

For the designated Commodity Group, PARTs B and D will be calculated based on the data entered in Parts L and P respectively. Complete Part C one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstate - included within this OPID.

PART B – TRANSMISSION PIPELINE HCA MILES	
	Number of HCA Miles
Onshore	1.2
Offshore	0
Total Miles	1.2

PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludesTransmission lines of Gas Distribution systems)	☒ **Check this box and do not complete PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems.**	
	Onshore	**Offshore**
Natural Gas		
Propane Gas		
Synthetic Gas		
Hydrogen Gas		
Landfill Gas		
Other Gas - Name:		

PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION

	Steel Cathodically protected		Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite[1]	Other	Total Miles
Transmission										
Onshore	0	1.3	0	0	0	0	0	0	0	*1.3*
Offshore	0	0	0	0	0	0	0	0	0	*0*
Subtotal Transmission	*0*	*1.3*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.3*
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	*0*
Onshore Type B	0	0	0	0	0	0	0	0	0	*0*
Offshore	0	0	0	0	0	0	0	0	0	*0*
Subtotal Gathering	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Miles	*0*	*1.3*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1.3*

[1]Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

PART E – RESERVED

Form Approved
OMB No. 2137-0522
Expires: 8/31/2020

For the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero.

PARTs F and G

The data reported in these PARTs applies to: *(select only one)*

☐ **Interstate pipelines/pipeline facilities**

☒ **Intrastate pipelines/pipeline facilities in the State of TENNESSEE** *(complete for each State)*

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION

1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS	
a. Corrosion or metal loss tools	0
b. Dent or deformation tools	0
c. Crack or long seam defect detection tools	0
d. Any other internal inspection tools, specify other tools:	0
1. Internal Inspection Tools - Other	
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	*0*
2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	0
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	0.042
1. ECDA	0.021
2. ICDA	0.021
3. SCCDA	0
b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	10
1. ECDA	10
2. ICDA	0
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0

2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	0
1.Other Inspection Techniques	
b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933©]	0
6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR	
a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a)	*0.042*
b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA Segment. (Lines 2.b + 3.b + 4.b.1 + 4.b.2 + 4.b.3 + 5.b)	10
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4)	0
d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:	0
e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:	0
PART G– MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segment miles ONLY)	
a. Baseline assessment miles completed during the calendar year.	0.021
b. Reassessment miles completed during the calendar year.	0
c. Total assessment and reassessment miles completed during the calendar year.	0.021

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For the designated Commodity Group, complete PARTs H, I, J, K, L, M, P Q and R covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAstate pipelines and/or pipeline facilities for each State in which INTRAstate systems exist within this OPID.

PARTs H, I, J, K, L, M, P, Q, and R

The data reported in these PARTs applies to: (*select only one*)

INTRASTATE pipelines/pipeline facilities TENNESSEE

PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0.1	0	0	1.2	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
1.3	Total Miles of Onshore Pipe – Transmission								
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
0	Total Miles of Offshore Pipe – Transmission								

PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore Type A	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	

	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Onshore Type A Pipe – Gathering
Onshore Type B	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Onshore Type B Pipe – Gathering
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Offshore Pipe – Gathering

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Unknown	Pre-40	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979
Transmission						
Onshore	0	0	0	0	0	1.2
Offshore		0				
Subtotal Transmission	0	0	0	0	0	1.2
Gathering						
Onshore Type A	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0
Offshore		0				
Subtotal Gathering	0	0	0	0	0	0
Total Miles	*0*	*0*	*0*	*0*	*0*	*1.2*

Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019		Total Miles
Transmission						
Onshore	0	0	0.1	0		*1.3*
Offshore						*0*
Subtotal Transmission	0	0	0.1	0		*1.3*
Gathering						

Onshore Type A	0	0	0	0		*0*
Onshore Type B	0	0	0	0		*0*
Offshore						*0*
Subtotal Gathering	0	0	0	0		*0*
Total Miles	*0*	*0*	*0.1*	*0*		*1.3*

PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH

ONSHORE	CLASS LOCATION				Total Miles
	Class I	Class 2	Class 3	Class 4	
Steel pipe Less than 20% SMYS	0	0	0	0	0
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	0	0	1.2	0	1.2
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	0	0.1	0	0	0.1
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	0	0	0	0	0
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	0	0	0	0	0
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	0	0	0	0	0
Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Steel pipe Greater than 80% SMYS	0	0	0	0	0
Steel pipe Unknown percent of SMYS	0	0	0	0	0
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	0	0.1	1.2	0	1.3

OFFSHORE	Class I
Less than or equal to 50% SMYS	0
Greater than 50% SMYS but less than or equal to 72% SMYS	0
Steel pipe Greater than 72% SMYS	0
Steel Pipe Unknown percent of SMYS	0
All non-steel pipe	0
Offshore Total	0
Total Miles	0

0

1.3

PART L - MILES OF PIPE BY CLASS LOCATION

	Class Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class I	Class 2	Class 3	Class 4		
Transmission						
Onshore	0	0.1	1.2	0	1.3	*1.2*
Offshore	0	0	0	0	0	
Subtotal Transmission	0	0.1	1.2	0	1.3	
Gathering						

Onshore Type A	0	0	0	0	0	
Onshore Type B	0	0	0	0	*0*	
Offshore	0	0	0	0	0	
Subtotal Gathering	0	0	0	0	0	
Total Miles	0	0.1	1.2	0	1.3	*1.2*

PART M – FAILURES, LEAKS, AND REPAIRS

PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR

	Transmission Leaks, and Failures					Gathering Leaks		
	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
	Onshore Leaks		Offshore Leaks					
Cause	**HCA**	**Non-HCA**	**HCA**	**Non-HCA**		**Type A**	**Type B**	
External Corrosion	0	0	0	0	0	0	0	0
Internal Corrosion	0	0	0	0	0	0	0	0
Stress Corrosion Cracking	0	0	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0
Incorrect Operations	0	0	0	0	0	0	0	0
Third Party Damage/Mechanical Damage								
Excavation Damage	0	0	0	0	0	0	0	0
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0	0	0
Vandalism (includes all Intentional Damage)	0	0	0	0	0	0	0	0
Weather Related/Other Outside Force								
Natural Force Damage (all)	0	0	0	0	0	0	0	0
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*

PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

Transmission	0	**Gathering**	0

PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

Transmission		**Gathering**	
Onshore	0	Onshore Type A	0
		Onshore Type B	0
OCS	0	OCS	0
Subtotal Transmission	0	Subtotal Gathering	0
Total	0		

PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS

	Steel Cathodically protected		Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite[1]	Other[2]	Total Miles
Transmission										
Onshore	0	1.3	0	0	0	0	0	0	0	1.3
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	0	1.3	0	0	*0*	*0*	*0*	0	*0*	1.3
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0	0	0	0	*0*
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Gathering	*0*	*0*	*0*	*0*	*0*	*0*	*0*	0	*0*	*0*
Total Miles	*0*	*1.3*	*0*	*0*	*0*	*0*	*0*	0	*0*	*1.3*

[1]Use of Composite pipe requires PHMSA Special Permit or waiver from a State
[2]specify Other material(s):

Part Q - Gas Transmission Miles by §192.619 MAOP Determination Method

	(a)(1) Total	(a)(1) Incomplete Records	(a)(2) Total	(a)(2) Incomplete Records	(a)(3) Total	(a)(3) Incomplete Records	(a)(4) Total	(a)(4) Incomplete Records	(c) Total	(c) Incomplete Records	(d) Total	(d) Incomplete Records	Other[1] Total	Other Incomplete Records
Class 1 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 1 (not in HCA)	0		0		0		0		0		0		0	
Class 2 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 2 (not in HCA)	0		0.1		0		0		0		0		0	
Class 3 (in HCA)	0	0	1.2	0	0	0	0	0	0	0	0	0	0	0
Class 3 (not in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 4 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 4 (not in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	1.3	0	0	0	0	0	0	0	0	0	0	0

Grand Total	1.3
Sum of Total row for all "Incomplete Records" columns	0

[1]Specify Other method(s):

Class 1 (in HCA)		Class 1 (not in HCA)	
Class 2 (in HCA)		Class 2 (not in HCA)	
Class 3 (in HCA)		Class 3 (not in HCA)	
Class 4 (in HCA)		Class 4 (not in HCA)	

Form Approved
OMB No. 2137-0522
Expires: 8/31/2020

Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection

	PT ≥ 1.25 MAOP		1.25 MAOP > PT ≥ 1.1 MAOP		PT < 1.1 or No PT	
Location	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE
Class 1 in HCA	0	0	0	0	0	0
Class 2 in HCA	0	0	0	0	0	0
Class 3 in HCA	1.2	0	0	0	0	0
Class 4 in HCA	0	0	0	0	0	0
in HCA subTotal	*1.2*	*0*	*0*	*0*	*0*	*0*
Class 1 not in HCA	0	0	0	0	0	0
Class 2 not in HCA	0	0.1	0	0	0	0
Class 3 not in HCA	0	0	0	0	0	0
Class 4 not in HCA	0	0	0	0	0	0
not in HCA subTotal	*0*	*0.1*	*0*	*0*	*0*	*0*
Total	*1.2*	*0.1*	*0*	*0*	*0*	*0*

PT ≥ 1.25 MAOP Total	1.3	Total Miles Internal Inspection ABLE	1.2
1.25 MAOP > PT ≥ 1.1 MAOP Total	0	Total Miles Internal Inspection NOT ABLE	0.1
PT < 1.1 or No PT Total	0	Grand Total	1.3
Grand Total	1.3		

For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission pipeline facilities included within this OPID have Part L HCA mile value greater than zero.

PART N - PREPARER SIGNATURE

Ralph McCollum

Preparer's Name(type or print)

(404) 584-3733
Telephone Number

Lead Compliance Engineer

Preparer's Title

rmccollu@southernco.com

Preparer's E-mail Address

PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)

404-584-4504
Telephone Number

Donald F Carter

Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

VP, Compliance & Technical Services

Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

doncarte@southernco.com

Senior Executive Officer's E-mail Address

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed $1,000,000 as provided in 49 USC 60122.			OMB NO: 2137-0629 EXPIRATION DATE: 10/31/2021
U.S Department of Transportation Pipeline and Hazardous Materials Safety Administration	**Initial Date Submitted:**		03/13/2020
	Form Type:		INITIAL
	Date Submitted:		

ANNUAL REPORT FOR CALENDAR YEAR 2019 GAS DISTRIBUTION SYSTEM

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

Important: *Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.*

PART A - OPERATOR INFORMATION	**(DOT use only)**		**20201311-40613**

1. Name of Operator	CHATTANOOGA GAS CO
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	10 Peachtree Place, NE
2b. City and County	ATLANTA
2c. State	GA
2d. Zip Code	30309
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	2288
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	10 PEACHTREE PLACE NE
4b. City and County	ATLANTA
4c. State	GA
4d. Zip Code	30309
5. STATE IN WHICH SYSTEM OPERATES	TN
6. **THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP** *(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)*	
Natural Gas	
7. **THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF OPERATOR** *(Select Type of Operator based on the structure of the company included in this OPID for which this report is being submitted.)***:**	
Investor Owned	

PART B - SYSTEM DESCRIPTION

1.GENERAL

	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	RECONDITIONED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN	3.8	0	23.9	546.6	1099	0	0	0	0	0	1673.3
NO. OF SERVICES	23	0	0	14535	64902	0	0	0	0	0	79460

2.MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	173.8	189.0	161.5	39.2	10.8	574.3
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	0	0	0	0	0
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	831.3	200.3	67.4	0	0	1099
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	1005.1	389.3	228.9	39.2	10.8	1673.3

Describe Other Material:

3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR | **AVERAGE SERVICE LENGTH: 107**

MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	0	11667	2766	105	20	0	14558
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	0	0	0	0	0
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	57501	7357	43	1	0	64902
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	69168	10123	148	21	0	79460

Describe Other Material:

4.MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION

	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL

MILES OF MAIN	24.2	0.2	0.5	59.6	221.2	170.7	264.4	510.9	213.7	207.9	1673.3
NUMBER OF SERVICES	747	673	512	4389	10543	6654	11809	22617	9747	11769	79460

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	21	0	11	4
NATURAL FORCE DAMAGE	4	2	17	7
EXCAVATION DAMAGE	30	28	195	193
OTHER OUTSIDE FORCE DAMAGE	0	0	19	16
PIPE, WELD OR JOINT FAILURE	37	10	47	18
EQUIPMENT FAILURE	11	3	278	45
INCORRECT OPERATIONS	2	0	4	2
OTHER CAUSE	2	1	4	2

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : **41**

PART D - EXCAVATION DAMAGE

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 230

a. One-Call Notification Practices Not Sufficient: 116

b. Locating Practices Not Sufficient: 39

c. Excavation Practices Not Sufficient: 74

d. Other: 1

2. NUMBER OF EXCAVATION TICKETS : 55842

PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA

Total Number Of Services with EFV Installed During Year: 1596

Estimated Number Of Services with EFV In the System At End Of Year: 17270

* Total Number of Manual Service Line Shut-off Valves Installed During Year: 17

* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 11761

**These questions only pertain to reporting years 2017 & beyond.*

PART F - LEAKS ON FEDERAL LAND

TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0

PART G-PERCENT OF UNACCOUNTED FOR GAS

UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.

[(PURCHASED GAS + PRODUCED GAS) MINUS (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS)] DIVIDED BY (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS) TIMES 100 EQUALS PERCENT UNACCOUNTED FOR.

FOR YEAR ENDING 6/30: 1.09%

PART H - ADDITIONAL INFORMATION

PART I - PREPARER	
Ralph McCollum,Lead Compliance Engineer (Preparer's Name and Title)	(404) 584-3733 (Area Code and Telephone Number)
rmccollu@southernco.com (Preparer's email address)	(404)584-4710 (Area Code and Facsimile Number)