

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: November 22, 2016

TO: Office of Commission Clerk (Stauffer)

FROM: Office of the General Counsel (Harper) *FILED*
Division of Economics (Rome) *SMC*
Division of Engineering (Matthews, Moses) *tu* *POE* *13*

RE: Docket No. 160121-GU – Proposed adoption of Rules 25-6.0346, 25-12.005, 25-12.008, 25-12.022, 25-12.027, 25-12.040, and 25-12.085, F.A.C.

AGENDA: 12/06/16 – Regular Agenda – Interested Persons May Participate

COMMISSIONERS ASSIGNED: All Commissioners

PREHEARING OFFICER: Brisé

RULE STATUS: Proposal May Be Deferred

SPECIAL INSTRUCTIONS: None

Case Background

Rules 25-6.0346, Quarterly Reports of Work Orders and Safety Compliance, 25-12.005, Codes and Standards Adopted, 25-12.008, New, Reconstructed or Converted Facilities, 25-12.022, Requirements for Distribution System Valves, 25-12.027, Welder Qualification, 25-12.040, Leak Surveys, Procedures and Classification, and 25-12.085, Written Annual Reports Required, Florida Administrative Code (F.A.C.), implement federal and state gas and electric safety rules. The purpose of this rulemaking is to update, clarify, and streamline the Commission rules. The rules implement Sections 366.04(2)(f)(6), 368.05(1) and (2), 368.03, and 368.05, Florida Statutes, (F.S.).

The Commission's Notice of Development of Rulemaking was published in the Florida Administrative Register (F.A.R.), on April 20, 2016, in Volume 42, Number 77. Comments were received from Tampa Electric Company (TECO), Florida Natural Gas Association, and

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Florida Electric Cooperatives Association. No rulemaking workshop was requested, and no workshop was held.

This recommendation addresses whether the Commission should approve staff's proposed amendments of electric and gas safety Rules 25-6.0346, 25-12.005, 25-12.008, 25-12.022, 25-12.027, 25-12.040, and 25-12.085, F.A.C. The Commission has jurisdiction pursuant to Sections 120.54 and 366.06(1), F.S.

Discussion of Issues

Issue 1: Should the Commission propose the amendment of Rules 25-6.0346, 25-12.005, 25-12.008, 25-12.022, 25-12.027, 25-12.040, and 25-12.085, F.A.C.?

Recommendation: Yes. The Commission should propose the amendment of Rules 25-6.0346, 25-12.005, 25-12.008, 25-12.022, 25-12.027, 25-12.040, and 25-12.085, F.A.C., as set forth in Attachment A. (Harper, Matthews, Moses, Rome)

Staff Analysis: The purpose of this rulemaking is to update, clarify, and streamline the Commission gas and electric safety rules. Staff is recommending that the Commission propose the amendment of the rules, as set forth in Attachment A. Below is a more detailed explanation of the rule amendments staff is recommending.

Electric Utilities

Rule 25-6.0346, F.A.C., Quarterly Reports of Work Orders and Safety Compliance

Rule 25-6.0436, F.A.C., specifies that required quarterly work order lists be sent directly to Commission staff via e-mail, without requiring a specific form that must be used, as long as there is sufficient information provided. Proposed language has been added to the rule to clarify the types of information required to be provided including utility name, contact name, quarter and year, work order number, location of construction, county of construction, estimated costs and a brief description of the work. The recommended revisions to the rule also include a hyperlink to an existing Commission form which can be used as an example format that would meet the reporting requirements of the rule.

Gas Utilities

Rule 25-12.005, Codes and Standards Adopted

Rule 25-12.005, F.A.C. implements the Minimum Federal Safety Standards and reporting requirements for pipeline facilities and transportation of gas as prescribed by Pipeline and Hazardous Materials Safety Administration (PHMSA) found in 49 C.F.R. Parts 191, 192, and 199. Rule 25-12.005, F.A.C., is amended to adopt the latest version of the federal standards 49 C.F.R. Parts 191, 192, and 199 that pertain to reporting requirements, safety standards, and drug and alcohol employee reporting standards and requirements for employees of gas pipeline operators and emergency response persons under the direct authority or control of a gas utility or gas pipeline operator.

Rule 25-12.008, New, Reconstructed or Converted Facilities

Rule 25-12.008, F.A.C., pertains to inspection of new, reconstructed, or converted pipeline facilities. Rule 25-12.008, F.A.C., is amended to adopt the latest version of 49 C.F.R. Part 192 and to clarify that there is no requirement of visual inspection of underground facilities if construction and testing records have been maintained, and to clarify that active corrosion procedures are required by Subpart I of 49 C.F.R. Part 192.

Rule 25-12.022, Requirements for Distribution System Valves

Rule 25-12.022, F.A.C., provides the requirements for gas distribution system valves. Staff recommends amendments to Rule 25-12.022, F.A.C., to include the use of the word

“emergency” in conjunction with the word “sectionalizing” in subsections (3) and (5) of the rule. The intent of the recommended amendments is to clarify those valves used to close off system sections in an emergency. Additional modifications to Rule 25-12.022, F.A.C. are recommended in paragraph (3)(b), which would provide clarification that valve identification must be marked on permanent material inside the valve box.

Rule 25-12.027, Welder Qualification

Rule 25-12.027, F.A.C., provides the standards for welder qualification. The amendments to Rule 25-12.027, F.A.C., would correct a scrivener’s error in the current rule and clarify the appropriate American Petroleum Institute standards for welder qualification. The rule also would be updated to adopt the latest version of the federal standard 49 C.F.R. Part 192 as it pertains to welder qualification.

Rule 25-12.040, Leak Surveys, Procedures and Classification

Rule 25-12.040, F.A.C., provides the requirements for gas leak surveys, procedures, and classification. The amendments to Rule 25-12.040(1)(b), F.A.C., would provide clarification regarding the intervals within which leak detection surveys are required. Staff recommends additional amendments to Rule 25-12.040, F.A.C., include new subsection (4). Under current Commission rules, gas utilities are required to perform follow-up inspections of leak repairs no later than one month for Grade 1 leaks and no later than six months for Grade 2 leaks. New language included in subsection (4) would require that if residual gas is detected on the follow-up inspection, continued monthly monitoring and inspections shall be done until gas is no longer detected.

Rule 25-12.085, Written Annual Reports Required

Rule 25-12.085, F.A.C., provides the requirement for annual written reports by gas distribution operators pursuant to PHMSA Forms 7100.1-1 and 7100.2-1. The recommended amendments to subsections (1) and (3) of Rule 25-12.085, F.A.C., would incorporate the most recent versions of the appropriate PHMSA forms. The most recent versions of the forms are included in Attachment A for reference. Subsection (2) of Rule 25-12.085, F.A.C., is recommended for deletion as redundant.

Statement of Estimated Regulatory Costs

Pursuant to Section 120.54, F.S., agencies are encouraged to prepare a statement of estimated regulatory costs (SERC) before the adoption, amendment, or repeal of any rule. The SERC is appended as Attachment B to this recommendation. The SERC analysis also includes whether the rule amendment is likely to have an adverse impact on growth, private sector job creation or employment, or private sector investment in excess of \$1 million in the aggregate within five years after implementation.

The SERC concludes that the rule amendments will not likely directly or indirectly increase regulatory costs in excess of \$200,000 in the aggregate in Florida within one year after implementation. Further, the SERC concludes that the rule amendments will not likely have an adverse impact on economic growth, private-sector job creation or employment, private sector investment, business competitiveness, productivity, or innovation in excess of \$1 million in the aggregate within five years of implementation. Thus, the rule amendments do not require legislative ratification pursuant to Section 120.541(3), F.S.

In addition, the SERC states that the rule amendments will not have an adverse impact on small business and will have no impact on small cities or small counties. No regulatory alternatives were submitted pursuant to paragraph 120.541(1)(a), F.S. None of the impact/cost criteria established in paragraph 120.541(2)(a), F.S., will be exceeded as a result of the recommended revisions.

Conclusion

Based on the foregoing, staff recommends the amendment of Rules 25-6.0346, 25-12.005, 25-12.008, 25-12.022, 25-12.027, 25-12.040, and 25-12.085, F.A.C.

Issue 2: Should this docket be closed?

Recommendation: Yes. If no requests for hearing or comments are filed, the rules may be filed with the Department of State, and this docket should be closed. (Harper, Matthews, Moses, Rome)

Staff Analysis: If no requests for hearing or comments are filed, the rules may be filed with the Department of State, and this docket should be closed.

1 **25-6.0346 Quarterly Reports of Work Orders and Safety Compliance.**
2 (1) Each investor-owned electric utility, rural electric cooperative and municipal electric
3 utility shall provide a work order list ~~report all completed electric work orders~~, relating to the
4 construction and/or maintenance of transmission and distribution facilities, ~~whether that is~~
5 completed by the utility or one of its contractors, ~~at the end of each quarter of the year~~. The
6 ~~report~~ work order list shall contain the utility name, contact name, quarter and year, work
7 order number, location of construction, county of construction, estimated costs, and brief
8 description of the work (overhead and underground), and shall be sent via e-mail to
9 ~~electronically filed with the~~ Electric-QTR-Reports@psc.state.fl.us ~~Commission Clerk~~ no later
10 than the 30th working day after the last day of the reporting quarter, ~~using~~ Form PSC/ENG
11 157 (12/12), “PSC Quarterly Report of Completed Work Orders,” which is available at
12 <http://www.flrules.org/Gateway/reference.asp?No=Ref-02040>, ~~is an example work order list~~
13 that may be completed and filed to meet the reporting requirement for this rule. This form is
14 incorporated into this rule by reference and may also be obtained from the Commission’s
15 Division of Administrative and Information Technology Services.

16 (2) In its quarterly report, each utility shall certify to the Commission that all work
17 described in the completed work orders listed in the quarterly report meets or exceeds the
18 applicable standards. Compliance inspections by the Commission shall be made on a random
19 basis or as appropriate.

20 *Rulemaking Authority 350.127(2), 366.05(1) FS. Law Implemented 366.04(2)(f), (6),*
21 *366.05(1) FS. History—New 12-16-12, Amended, _____.*
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CODING: Words underlined are additions; words in ~~struck through~~ type are deletions from existing law.

1 **25-12.005 Codes and Standards Adopted.**
2 The Minimum Federal Safety Standards and reporting requirements for pipeline facilities and
3 transportation of gas prescribed by the Pipeline and Hazardous Materials Safety
4 Administration in 49 C.F.R. 191 and 192 (2016) ~~(2011)~~, are adopted and incorporated by
5 reference as part of these rules. 49 C.F.R. 191 (2016) ~~(2011)~~ may be accessed at [Dept. of
6 State hyperlink] <http://www.flrules.org/Gateway/reference.asp?No=Ref-01534>. 49 C.F.R. 192
7 (2016) ~~(2011)~~ may be accessed at [Dept. of State hyperlink]
8 <http://www.flrules.org/Gateway/reference.asp?No=Ref-01535>. 49 C.F.R. 199 (2016) ~~(2011)~~,
9 “Drug and Alcohol Testing,” is adopted and incorporated by reference to control drug use, by
10 setting standards and requirements to apply to the testing and use of all emergency response
11 personnel under the direct authority or control of a gas utility or pipeline operator, as well as
12 all employees directly or indirectly employed by gas pipeline operators for the purpose of
13 operation and maintenance and all employees directly or indirectly employed by intrastate gas
14 distribution utilities for on-site construction of natural gas transporting pipeline facilities 49
15 C.F.R. 199 (2016) ~~(2011)~~ may be accessed at [Dept. of State hyperlink]
16 <http://www.flrules.org/Gateway/reference.asp?No=Ref-01537>. Part 199 also is adopted to
17 prescribe standards for use of employees who do not meet the requirements of the regulations.
18 *Rulemaking Authority 368.03, 368.05(2), 350.127(2) FS. Law Implemented 368.03, 368.05*
19 *FS. History—New 11-14-70, Amended 9-24-71, 9-21-74, 10-7-75, 11-30-82, 10-2-84, Formerly*
20 *25-12.05, Amended 8-8-89, 1-7-92, 5-13-99, 4-26-01, 12-15-09, 10-11-12, _____.*
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1 **25-12.008 New, Reconstructed or Converted Facilities.**

2 (1) No new or reconstructed system or portion thereof may be:

3 (a) Constructed, until written construction specifications complying with these rules are
4 developed.

5 (b) Placed in service until the pipeline facilities have been inspected and found to comply
6 with the construction specifications and Operating and Maintenance Plans.

7 (2) Before a piping system can be converted to a regulated gas, the operator must:

8 (a) Have a general conversion procedure as a part of its operation and maintenance plan.

9 (b) File a conversion plan with the Commission for the specific system at least 15 days
10 prior to start of conversion. This plan need not be filed for minor conversions which are
11 scheduled to be completed in one day and where sectionalizing of the system to be converted
12 is not planned.

13 (c) Have ~~sufficient~~ inspections performed of the pipeline to assure that it was constructed
14 in accordance with standards applicable at the time of installation. Visual inspection of the
15 underground facilities ~~may~~ will not be required if ~~adequate~~ construction and testing records
16 have been maintained.

17 (d) Review the operating and maintenance history of the system to be converted. Any
18 areas showing abnormal maintenance requirements shall be replaced, reconditioned or
19 otherwise made safe prior to conversion.

20 (e) Establish the maximum allowable operating pressure no greater than the highest
21 sustained operating pressure during the 5 years prior to conversion unless it was tested or
22 uprated after July 1, 1970 in accordance with the Subparts J or K of 49 C.F.R. 192 (2016)
23 ~~(2011)~~ as adopted in Rule 25-12.005, F.A.C.

24 (f) Make a leak survey over the entire converted system concurrent with the conversion.

25 (g) Determine areas of active corrosion as required by Subpart I of 49 C.F.R. 192 (2016)

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1 ~~(2011)~~ and these rules. Required cathodic protection must be accomplished within 1 year after
2 the date of conversion except that buried steel tubing must be protected prior to placing the
3 system into operation.

4 *Rulemaking Authority 350.127(2), 368.03, 368.05(2) FS. Law Implemented 368.03, 368.05(2)*
5 *FS. History—New 11-14-70, Amended 9-21-74, 10-7-75, 10-2-84, Formerly 25-12.08,*
6 *Amended 12-15-09, 10-11-12, _____.*

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1 **25-12.022 Requirements for Distribution System Valves.**

2 (1) Valves ahead of regulator stations – A valve shall be installed upstream of each
3 regulator station for use in an emergency to stop the flow of gas. These valves are to be
4 installed at a safe distance from the station, but no more than 500 feet from the regulator
5 station. The distance for the valve location can be greater than 500 feet if physically
6 impractical to install closer.

7 (2) Sectionalizing valves – Valves shall be spaced within each distribution system to
8 reduce the time to shut-down a segment of the system in an emergency. In determining the
9 spacing of these valves, the following factors shall be evaluated:

10 (a) Volume and pressure of gas between valves.

11 (b) Size of area and population density between valves required to isolate the area and as
12 ~~well as~~ the accessibility of the required valves.

13 (c) The minimum number of personnel required to shutdown and restore the area.

14 (d) Other means and availability of required equipment to control the flow of gas in the
15 event of an emergency.

16 (e) The number and type of customers, such as hospitals, schools, commercial, and
17 industrial loads, ~~etc.~~, that will be affected.

18 (3) Identification – Emergency or sSectionalizing and other critical valves shall be
19 designated on appropriate records, drawings or maps used by the operator and shall be
20 referenced to “permanent” aboveground structures or other field ties so the valves can be
21 readily located. The centerline of the road or highway, property line, or right-of-way may be
22 used as one of the referenced structures. The valve installation and all records showing these
23 valves must be marked for prompt identification using any logical designating system. The
24 valve marking must be accomplished using a durable tag or other equivalent means located as
25 follows:

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1 (a) For aboveground valves or valves located in vaults which have to be operated from
2 within the vault, the marking shall appear on the valve body or hand wheel.

3 (b) For buried valves or valves operated by a key wrench, the marking shall be legible and
4 may be on any type of permanent material placed ~~appear~~ in a visible location ~~on the~~ inside of
5 the curb box or standpipe where the cover will not abrade the marking. Marking the cover
6 only is not acceptable.

7 (4) Blowdown valve requirements – Where blowdown valves are used to aid the
8 evacuation of gas from segments of mains between isolation valves, these valves must:

9 (a) Be protected against tampering and mechanical damage from outside forces.

10 (b) Be designed for safe venting giving consideration to the direction of flow, electric
11 facility locations, proximity of people, etc.

12 (c) Be readily accessible in the event of an emergency.

13 (5) All the sectionalizing or emergency valves which may be necessary for the safe
14 operation of the system must be inspected and maintenance performed to assure location,
15 access and operating ability at intervals not exceeding 15 months but at least each calendar
16 year.

17 *Rulemaking Authority 368.05(2) FS. Law Implemented 368.05(2) FS. History–New 9-21-74,*
18 *Amended 10-7-75, 10-2-84, Formerly 25-12.22, Amended 12-15-09,_____.*

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25-12.027 Welder Qualification.

(1) No welder shall make any pipeline weld unless the welder has qualified in accordance with Section ~~63~~, or section 12 for automatic welding, of American Petroleum Institute Standard 1104, Welding of Pipelines and Related Facilities, ~~21st~~ 20th edition, September 2013 October 2005 including Errata/Addendum July 2007 and Errata 2 (2008), incorporated by reference herein, or Appendix C of 49 C.F.R. 192 (2016) ~~(2014)~~ as adopted in Rule 25-12.005, F.A.C., within the preceding 15 months, but at least once each calendar year. A copy of API 1104 may be obtained from <http://www.api.org/Standards/>.

(2) No welder shall weld with a particular welding process unless the welder has engaged in welding with that process within the preceding six calendar months. A welder who has not engaged in welding with that process within the preceding six calendar months must requalify for that process as set forth in subsection (1) of this rule ~~herein~~.

Rulemaking Authority 350.127(2), 368.03, 368.05(2) FS. Law Implemented 368.03, 368.05 FS. History—New 1-7-92, Amended 12-15-09, 10-11-12, _____.

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1 **25-12.040 Leak Surveys, Procedures and Classification.**

2 (1) Each operator shall perform periodic leakage surveys in accordance with the following
3 schedule ~~as a minimum~~:

4 (a) A gas detector instrument survey shall be conducted at intervals not exceeding 15
5 months but at least once each calendar year in those portions of an operator's service area,
6 including:

7 1. Principal business districts, master meter systems, and places where the public is known
8 to congregate frequently.

9 2. Where pipeline facilities, including service lines, are located under surfaces of such
10 construction that little opportunity is afforded for a leak to vent safely.

11 (b) A gas detector instrument survey to locate leaks throughout areas not included in
12 subsection (a) above shall be conducted at intervals not exceeding ~~three (3)~~ calendar years at
13 intervals not exceeding 39 months on bare metallic, galvanized steel, coated tubing pipelines,
14 and ~~five (5)~~ calendar years at intervals not exceeding 63 months on the remaining pipeline
15 system, or more frequently if experience indicates.

16 (2) The following leak classification system shall be used on all leak records and reports:

17 (a) "Grade 1 Leak" – a leak of gas that represents an existing or probable hazard to persons
18 or buildings. In order ~~Prompt action~~ to protect life and property, these leaks shall be repaired
19 immediately and continuous action shall be taken until conditions are no longer hazardous is
20 required.

21 (b) "Grade 2 Leak" – a leak that is not a threat to persons or property at the time of
22 detection, but justifies scheduled repair based on potential future hazard. These leaks shall be
23 repaired within 90 days from the date the leak was originally located, unless due to resurvey
24 the leak was determined to be Grade 3 as defined in subsection (c) below. In determining the
25 time period for repair, the following criteria should be taken into consideration:

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- 1 1. Amount and migration of gas;
- 2 2. Proximity of gas to buildings and subsurface structures;
- 3 3. Extent of pavement;
- 4 4. Soil type and conditions, such as moisture and natural venting.

5 (c) "Grade 3 Leak" – a leak that is not a threat to persons and property and is not expected
6 to become so. Above ground grade 3 leaks shall be repaired within 90 days from the date the
7 leak was originally located unless the leak is upgraded or does not produce a positive leak
8 indication when a soap and water solution, or its equivalent, is applied on suspected locations
9 at operating pressure. Grade 3 leaks that are underground shall be reevaluated at least once
10 every 6 months until repaired. The frequency of reevaluation shall be determined by the
11 location and magnitude of the leak.

12 (3) ~~The adequacy of~~ All the repairs of leaks shall be checked by appropriate methods
13 immediately after the repairs are completed. Where there is residual gas in the ground, a
14 follow-up inspection using a gas detector instrument must be made as soon as the gas has had
15 an opportunity to dissipate, but no later than one month for Grade 1 leaks and 6 months for
16 Grade 2 leaks. The date and status of recheck shall be recorded on the leak repair records.

17 (4) If residual gas is detected on the follow-up inspection, continued monthly monitoring,
18 not to exceed 45 days, and inspections shall be done until gas is no longer detected.

19 *Rulemaking Authority 368.05(2) FS. Law Implemented 368.05(2) FS. History—New 9-21-74,*
20 *Repromulgated 10-7-75, Amended 10-2-84, Formerly 25-12.40, Amended 1-7-92, 12-15-09,*

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1 **25-12.085 Written Annual Reports Required.**

2 (1) Each operator of a distribution system shall submit an annual report on Pipeline and
3 Hazardous Materials Safety Administration Form PHMSA F 7100.1-1 (2015) ~~(12-05)~~, entitled
4 “Annual Report for Calendar Year 20____ Gas Distribution System,” which is incorporated
5 by reference into this rule and is available at [Department of State hyperlink] for each
6 distribution system. In the case of an operator who has more than one distribution system, a
7 combined annual report must be submitted which includes all facilities operated within the
8 State of Florida subject to the Commission’s jurisdiction.

9 ~~(2) Each operator of a distribution system shall, for facilities that operate at 20 percent or~~
10 ~~more of the specified minimum yield strength, or that are used to convey gas into or out of~~
11 ~~storage, submit an annual reports for those facilities on Pipeline and Hazardous Materials~~
12 ~~Safety Administration Form PHMSA F 7100.2-1 (12-05), entitled “Annual Report for~~
13 ~~Calendar Year 20____ Gas Transmission & Gathering Systems.”~~

14 (2)(3) Each operator of a transmission system shall submit an annual report on Pipeline
15 and Hazardous Materials Safety Administration Form PHMSA F 7100.2-1 (2014) ~~(12-05)~~,
16 entitled “Annual Report for Calendar Year 20____ Natural and Other Gas Transmission and
17 Gathering Pipeline Systems,” which is incorporated by reference into this rule and is available
18 at [Department of State hyperlink].

19 All the above reports must be submitted for the preceding calendar year so as to be received
20 by the Commission no later than March 15th of each year.

21 *Rulemaking Authority 350.127(2), 368.05(2) FS. Law Implemented 368.03, 368.05(2) FS.*
22 *History—New 11-14-70, Amended 9-21-74, Repromulgated 10-7-75, Amended 10-2-84,*
23 *Formerly 25-12.85, Amended 12-15-09, _____.*

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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.

OMB No. 2137-0629
 Expiration Date 5/31/2018

U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	ANNUAL REPORT FOR CALENDAR YEAR 20__ GAS DISTRIBUTION SYSTEM	DOT USE ONLY <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Initial Date Submitted</td> <td style="width: 50%;"></td> </tr> <tr> <td>Report Submission Type</td> <td></td> </tr> <tr> <td>Date Submitted</td> <td></td> </tr> </table>	Initial Date Submitted		Report Submission Type		Date Submitted	
Initial Date Submitted								
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<p>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 . Public reporting for this collection of information is estimated to be approximately 16 hours per submission, 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.</p> <p><i>Important:</i> 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.</p>								
PART A - OPERATOR INFORMATION	DOT USE ONLY							
<p>1. NAME OF OPERATOR _____</p> <p>2. LOCATION OF OFFICE WHERE ADDITIONAL INFORMATION MAY BE OBTAINED _____</p> <p style="text-align: center;">Number and Street</p> <p>_____</p> <p style="text-align: center;">City and County</p> <p>_____</p> <p style="text-align: center;">State and Zip Code</p> <p>_____</p>	<p>3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER _ / _ / _ / _ / _</p> <p>4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT _____</p> <p style="text-align: center;">Number and Street</p> <p>_____</p> <p style="text-align: center;">City and County</p> <p>_____</p> <p style="text-align: center;">State and Zip Code</p> <p>_____</p>							
<p>5. STATE IN WHICH SYSTEM OPERATES: / ___ / ___ / (provide a separate report for each state in which system operates)</p>								
<p>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.)</p> <p><input type="checkbox"/> Natural Gas</p> <p><input type="checkbox"/> Synthetic Gas</p> <p><input type="checkbox"/> Hydrogen Gas</p> <p><input type="checkbox"/> Propane Gas</p> <p><input type="checkbox"/> Landfill Gas</p> <p><input type="checkbox"/> Other Gas → Name of Other Gas: _____</p>								
<p>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.):</p> <p><input type="checkbox"/> Investor Owned</p> <p><input type="checkbox"/> Municipally Owned</p> <p><input type="checkbox"/> Privately Owned</p> <p><input type="checkbox"/> Cooperative</p> <p><input type="checkbox"/> Other Ownership specify: _____</p>								

PART B - SYSTEM DESCRIPTION					Report miles of main and number of services in system at end of year.						
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					Calc	Calc	Calc	Calc	Calc	Calc	Calc
NO. OF SERVICES					Calc	Calc	Calc	Calc	Calc	Calc	Calc

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							Calc
DUCTILE IRON							Calc
COPPER							Calc
CAST/WROUGHT IRON							Calc
PLASTIC 1. PVC							Calc
2. PE							Calc
3. ABS							Calc
4. OTHER PLASTIC							Calc
OTHER							Calc
Reconditioned Cast Iron							Calc
SYSTEM TOTALS	Calc	Calc	Calc	Calc	Calc	Calc	Calc

Describe Other Material: _____

3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR					AVERAGE SERVICE LENGTH _____ FEET		
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	TOTAL
STEEL							Calc
DUCTILE IRON							Calc
COPPER							Calc
CAST/WROUGHT IRON							Calc
PLASTIC 1. PVC							Calc
2. PE							Calc
3. ABS							Calc
4. OTHER PLASTIC							Calc
OTHER							Calc
Reconditioned Cast Iron							Calc
SYSTEM TOTALS	Calc	Calc	Calc	Calc	Calc	Calc	Calc

Describe Other Material: _____

4. MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION											
	UN-KNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL
MILES OF MAIN											Calc
NUMBER OF SERVICES											Calc

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING YEAR				
CAUSE OF LEAK	Mains		Services	
	Total	Hazardous	Total	Hazardous
	CORROSION FAILURE			
NATURAL FORCE DAMAGE				
EXCAVATION DAMAGE				
OTHER OUTSIDE FORCE DAMAGE				
PIPE, WELD, OR JOINT FAILURE				
EQUIPMENT FAILURE				
INCORRECT OPERATION				
OTHER CAUSE				

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR _____

PART D - EXCAVATION DAMAGE	PART E - EXCESS FLOW VALVE (EFV) DATA
1. Total Number of Excavation Damages by Apparent Root Cause <u>Calc</u> a. One-Call Notification Practices Not Sufficient: _____ b. Locating Practices Not Sufficient: _____ c. Excavation Practices Not Sufficient: _____ d. Other: _____ 2. Number of Excavation Tickets _____	Total Number Of EFVs on Single-family Residential Services Installed During Year _____ Estimated Number of EFVs In the System At End Of Year _____

PART F - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR	PART G - PERCENT OF UNACCOUNTED FOR GAS
_____	Unaccounted for gas as a percent of total input for the 12 months ending June 30 of the reporting year. $\frac{[(\text{Purchased gas} + \text{produced gas}) \text{ minus } (\text{customer use} + \text{company use} + \text{appropriate adjustments})]}{(\text{purchased gas} + \text{produced gas})} \text{ equals percent unaccounted for.}$ Input for year ending 6/30 _____ %.

PART H - ADDITIONAL INFORMATION	
--	--

PART I - PREPARER	
_____ Preparer's Name and Title	_____ Area Code and Telephone Number
_____ Preparer's email address	_____ Area Code and Facsimile Number
_____ Name and Title of Person Signing	_____ Area Code and Telephone Number

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Form Approved
 OMB No. 2137-0522
 Expires: 10/31/2017

U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration		ANNUAL REPORT FOR CALENDAR YEAR 20__ NATURAL AND OTHER GAS TRANSMISSION AND GATHERING PIPELINE SYSTEMS		DOT USE ONLY	
				Initial Date Submitted	
				Report Submission Type	
				Date Submitted	
<p>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.</p> <p>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.</p>					
PART A - OPERATOR INFORMATION				DOT USE ONLY	
1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID) / / / / /		2. NAME OF OPERATOR: _____			
3. RESERVED		4. HEADQUARTERS ADDRESS: Street Address _____ State: / / / Zip Code: / / / / - / / / /			
<p>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.)</p> <p><input type="checkbox"/> Natural Gas</p> <p><input type="checkbox"/> Synthetic Gas</p> <p><input type="checkbox"/> Hydrogen Gas</p> <p><input type="checkbox"/> Propane Gas</p> <p><input type="checkbox"/> Landfill Gas</p> <p><input type="checkbox"/> Other Gas → Name of Other Gas _____</p>					
6. RESERVED					
<p>7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: (Select one or both)</p> <p><input type="checkbox"/> INTERstate pipeline → List all of the States and OCS portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist: __, __, __, __, __, etc.</p> <p><input type="checkbox"/> INTRAsstate pipeline → List all of the States in which INTRAsstate pipelines and/or pipeline facilities included under this OPID exist: __, __, __, __, __, etc.</p>					

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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	<i>Calc</i>
Offshore	<i>Calc</i>
Total Miles	<i>Calc</i>

PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludes Transmission lines of Gas Distribution systems)	<input type="checkbox"/> 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 PIPE BY MATERIAL AND CORROSION PREVENTION STATUS										
	Steel cathodically protected		Steel cathodically unprotected		Cast Iron	Wrought Iron	Plastic	Composite ¹	Other	Total Miles
	Bare	Coated	Bare	Coated						
Transmission										
Onshore	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Offshore	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Subtotal Transmission	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Gathering										
Onshore Type A	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Onshore Type B	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Offshore	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Subtotal Gathering	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Total Miles	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>

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

PART E - RESERVED

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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 INTRAsate 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: <i>(select only one)</i>
<input type="checkbox"/> Interstate pipelines/pipeline facilities
<input type="checkbox"/> Intrastate pipelines/pipeline facilities in the State of <u> </u> / <u> </u> / <u> </u> <i>(complete for each State)</i>

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	
b. Dent or deformation tools	
c. Crack or long seam defect detection tools	
d. Any other internal inspection tools, specify other tools:	
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	<i>Calc</i>
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.	
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.	
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	<i>Calc</i>
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	
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.	
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	
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.	

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(PART F continued)

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.	<i>Calc</i>
1. ECDA	
2. ICDA	
3. SCCDA	
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.	<i>Calc</i>
1. ECDA	
2. ICDA	
3. SCCDA	
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	<i>Calc</i>
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
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. Specify other inspection technique(s):	
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.	
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	<i>Calc</i>
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
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)	<i>Calc</i>
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)	<i>Calc</i>
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)	<i>Calc</i>
d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:	
e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:	

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.	<i>Calc</i>

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

PARTs H, I, J, K, L, M, P, Q, and R
The data reported in these PARTs applies to: <i>(select only one)</i>
<input type="checkbox"/> Interstate pipelines/pipeline facilities in the State of <u> </u> / <u> </u> / <u> </u> <i>(complete for each State)</i>
<input type="checkbox"/> Intrastate Pipelines/pipeline facilities in the State of <u> </u> / <u> </u> / <u> </u> <i>(complete for each State)</i>

PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)										
Onshore	NPS 4 or less	6	8	10	12	14	16	18	20	
	22	24	26	28	30	32	34	36	38	
	40	42	44	46	48	52	56	58 and over		
	Other Pipe Sizes Not Listed									
	Size: <u> </u> Miles: <u> </u> Add Sizes as needed									
<i>Calc</i>	Total Miles of Onshore Pipe - Transmission									
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20	
	22	24	26	28	30	32	34	36	38	
	40	42	44	46	48	52	56	58 and over		
	Other Pipe Sizes Not Listed									
	Size: <u> </u> Miles: <u> </u> Add Sizes as needed									
<i>Calc</i>	Total Miles of Offshore Pipe - Transmission									

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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
	22	24	26	28	30	32	34	36	38
	40	42	44	46	48	52	56	58 and over	
	Other Pipe Sizes Not Listed								
	Size: __ Miles: _____ Add Sizes as needed								
<i>Calc</i>	Total Miles of Onshore Type A Pipe - Gathering								
Onshore Type B	NPS 4 or less	6	8	10	12	14	16	18	20
	22	24	26	28	30	32	34	36	38
	40	42	44	46	48	52	56	58 and over	
	Other Pipe Sizes Not Listed								
	Size: __ Miles: _____ Add Sizes as needed								
<i>Calc</i>	Total Miles of Onshore Type B Pipe - Gathering								
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	22	24	26	28	30	32	34	36	38
	40	42	44	46	48	52	56	58 and over	
	Other Pipe Sizes Not Listed								
	Size: __ Miles: _____ Add Sizes as needed								
<i>Calc</i>	Total Miles of Offshore - Gathering								

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PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Unknown	Pre-1940	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979	1980 - 1989
Transmission							
Onshore							
Offshore							
Subtotal Transmission	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Gathering							
Onshore Type A							
Onshore Type B							
Offshore							
Subtotal Gathering	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Total Miles	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>

Decade Pipe Installed	1990 - 1999	2000 - 2009	2010 - 2019	Total Miles
Transmission				
Onshore				<i>Calc</i>
Offshore				<i>Calc</i>
Subtotal Transmission	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Gathering				
Onshore Type A				<i>Calc</i>
Onshore Type B				<i>Calc</i>
Offshore				<i>Calc</i>
Subtotal Gathering	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Total Miles	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>

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PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH					
ONSHORE	CLASS LOCATION				Total Miles
	Class 1	Class 2	Class 3	Class 4	
Steel pipe Less than 20% SMYS					Calc
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS					Calc
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS					Calc
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS					Calc
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS					Calc
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS					Calc
Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS					Calc
Steel pipe Greater than 80% SMYS					Calc
Steel pipe Unknown percent of SMYS					Calc
All Non-Steel pipe					Calc
Onshore Totals	Calc	Calc	Calc	Calc	Calc
OFFSHORE	Class 1				
Steel pipe Less than or equal to 50% SMYS					
Steel pipe Greater than 50% SMYS but less than or equal to 72% SMYS					
Steel pipe Greater than 72% SMYS					
Steel pipe Unknown percent of SMYS					
All non-steel pipe					
Offshore Total	Calc				
Total Miles	Calc	Calc	Calc	Calc	Calc

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PART L - MILES OF PIPE BY CLASS LOCATION						
	Class Location				Total Class Location Miles	HCA Miles
	Class 1	Class 2	Class 3	Class 4		
Transmission						
Onshore	<i>Calc from Part K</i>	<i>Calc from Part K</i>	<i>Calc from Part K</i>	<i>Calc from Part K</i>	<i>Calc</i>	
Offshore	<i>Calc from Part K</i>				<i>Calc</i>	
Subtotal Transmission	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Gathering						
Onshore Type A					<i>Calc</i>	
Onshore Type B					<i>Calc</i>	
Offshore					<i>Calc</i>	
Subtotal Gathering	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	
Total Miles	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>

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PART M – FAILURES, LEAKS, AND REPAIRS									
PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; FAILURES IN HCA SEGMENTS IN CALENDAR YEAR									
Cause	Transmission Leaks and Failures					Failures in HCA Segments	Gathering Leaks		
	Leaks				Onshore Leaks		Offshore Leaks		
	Onshore Leaks		Offshore Leaks						
	HCA	Non-HCA	HCA	Non-HCA				Type A	Type B
External Corrosion									
Internal Corrosion									
Stress Corrosion Cracking									
Manufacturing									
Construction									
Equipment									
Incorrect Operations									
Third Party Damage/Mechanical Damage									
Excavation Damage									
Previous Damage (due to Excavation Activity)									
Vandalism (includes all Intentional Damage)									
Weather Related/Other Outside Force									
Natural Force Damage (all)									
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)									
Other									
Total		Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR									
Transmission					Gathering				
PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR									
Transmission					Gathering				
Onshore		Onshore Type A							
		Onshore Type B							
OCS		OCS							
Subtotal Transmission	Calc	Subtotal Gathering			Calc				
Total	Calc								

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.

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 OMB No. 2137-0522
 Expires: 10/31/2017

PART P - MILES OF PIPE BY MATERIAL AND CORROSION PREVENTION STATUS										
	Steel cathodically protected		Steel cathodically unprotected		Cast Iron	Wrought Iron	Plastic	Composite ¹	Other ²	Total Miles
	Bare	Coated	Bare	Coated						
Transmission										
Onshore										Calc
Offshore										Calc
Subtotal Transmission	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
Gathering										
Onshore Type A										Calc
Onshore Type B										Calc
Offshore										Calc
Subtotal Gathering	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
Total Miles	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc

¹ Use of Composite pipe requires a 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)															
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)															
Total	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	
Grand Total								Calc							
Sum of Total row for all "Incomplete Records" columns							Calc								

¹ Specify Other method(s): _____

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Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection						
Location	PT ≥ 1.25 MAOP		1.25 MAOP > PT ≥ 1.1 MAOP		PT < 1.1 or No PT	
	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						
Class 2 in HCA						
Class 3 in HCA						
Class 4 in HCA						
in HCA subTotal	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Class 1 not in HCA						
Class 2 not in HCA						
Class 3 not in HCA						
Class 4 not in HCA						
not in HCA subTotal	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
Total	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>	<i>Calc</i>
PT ≥ 1.25 MAOP Total	<i>Calc</i>	Total Miles Internal Inspection ABLE			<i>Calc</i>	
1.25 MAOP > PT ≥ 1.1	<i>Calc</i>	Total Miles Internal Inspection NOT ABLE			<i>Calc</i>	
PT < 1.1 or No PT Total	<i>Calc</i>	Grand Total			<i>Calc</i>	
Grand Total	<i>Calc</i>					

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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	
Preparer's Name(type or print)	/_/_/_/_/ - /_/_/_/_/ - /_/_/_/_/ / Telephone Number
Preparer's Title	
Preparer's E-mail Address	

PART O - CERTIFYING SIGNATURE (applicable to PARTs B, F, G, and M1)	
	/_/_/_/_/ - /_/_/_/_/ - /_/_/_/_/ / Telephone Number
Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	
Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	
Senior Executive Officer's E-mail Address	

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: October 17, 2016
TO: Adria E. Harper, Senior Attorney, Office of the General Counsel
FROM: Clyde D. Rome, Public Utility Analyst II, Division of Economics *CDR*
RE: Statement of Estimated Regulatory Costs (SERC) for Recommended Revisions to Chapter 25-6 (Electric Service by Electric Public Utilities), and Chapter 25-12 (Safety of Gas Transportation by Pipeline), Florida Administrative Code (F.A.C.)

The purpose of this rulemaking initiative is to update, clarify, and streamline certain safety-related Commission rules applicable to gas and electric utilities. Specifically, staff is recommending the amendment of Rules 25-6.0346 (Quarterly Reports of Work Orders and Safety Compliance), 25-12.005 (Codes and Standards Adopted), 25-12.008 (New, Reconstructed or Converted Facilities), 25-12.022 (Requirements for Distribution System Valves), 25-12.027 (Welder Qualification), 25-12.040 (Leak Surveys, Procedures and Classification), and 25-12.085 (Written Annual Reports Required), F.A.C. As noted in the attached SERC, 51 gas utilities and 58 electric utilities would be affected by the recommended revisions.

The recommended amendments to Rule 25-6.0346, F.A.C., would specify that required quarterly work order lists be sent directly to staff, without requiring a specific form that must be used, as long as there is sufficient information provided. Proposed language has been added to the rule to clarify the types of information required to be provided. The recommended revisions to the rule also include a hyperlink to an existing Commission form which can be used as an example format that would meet the reporting requirements of the rule.

Revisions are recommended to Rules 25-12.005 and 25-12.008, F.A.C., to adopt the latest version of the federal standards 49 C.F.R. Parts 191, 192, and 199 that pertain to the regulation of natural gas. Adoption of the current federal codes is required under the certification agreement between the federal Department of Transportation – Pipeline and Hazardous Materials Safety Administration (PHMSA) and the Commission pursuant to 49 U.S. Code Section 60105 (State pipeline safety program certifications).

The recommended changes to Rule 25-12.022, F.A.C., include the use of the word “emergency” in conjunction with the word “sectionalizing” in subsections (3) and (5) of the rule. The intent of the recommended modifications is to clarify those valves used to close off system sections in an emergency. Additional modifications to Rule 25-12.022, F.A.C. are recommended in paragraph (3)(b), which would provide clarification that valve identification must be marked on permanent material inside the valve box.

The recommended amendments to Rule 25-12.027, F.A.C., would correct a scrivener's error in the current rule and clarify the appropriate American Petroleum Institute standards for welder qualification. The rule also would be updated to adopt the latest version of the federal standard 49 C.F.R. Part 192 as it pertains to the regulation of natural gas.

The recommended revisions to paragraph 25-12.040(1)(b), F.A.C., would provide clarification regarding the intervals within which leak detection surveys are required. Additional modifications to Rule 25-12.040, F.A.C., include new subsection (4). Under current Commission rules, gas utilities are required to perform follow-up inspections of leak repairs no later than one month for Grade 1 leaks and no later than six months for Grade 2 leaks. New language included in subsection (4) would require that if residual gas is detected on the follow-up inspection, continued monthly monitoring and inspections shall be done until gas is no longer detected.

The recommended modifications to subsections (1) and (3) of Rule 25-12.085, F.A.C., would incorporate the most recent versions of the appropriate PHMSA forms. Subsection (2) of Rule 25-12.085, F.A.C., is recommended for deletion as redundant.

The attached SERC addresses the considerations required pursuant to Section 120.541, Florida Statutes (F.S.). No workshop was requested in conjunction with the recommended rule revisions. No regulatory alternatives were submitted pursuant to paragraph 120.541(1)(a), F.S. None of the impact/cost criteria established in paragraph 120.541(2)(a), F.S., will be exceeded as a result of the recommended revisions.

cc: (Draper, Daniel, Shafer, Moses, Cibula, SERC file)

**Florida Public Service Commission
Statement of Estimated Regulatory Costs
Rules 25-12.005, .008, .022, .027, .040, .085; and 25-6.0346, F.A.C.**

1. Will the proposed rule have an adverse impact on small business?
[120.541(1)(b), F.S.] (See Section E., below, for definition of small business.)

Yes

No

For clarification, please see comments in Sections A(3) and E(1), below.

2. Is the proposed rule likely to directly or indirectly increase regulatory costs in excess of \$200,000 in the aggregate in this state within 1 year after implementation of the rule? [120.541(1)(b), F.S.]

Yes

No

If the answer to either question above is "yes", a Statement of Estimated Regulatory Costs (SERC) must be prepared. The SERC shall include an economic analysis showing:

A. Whether the rule directly or indirectly:

(1) Is likely to have an adverse impact on any of the following in excess of \$1 million in the aggregate within 5 years after implementation of the rule?
[120.541(2)(a)1, F.S.]

Economic growth Yes No

Private-sector job creation or employment Yes No

Private-sector investment Yes No

(2) Is likely to have an adverse impact on any of the following in excess of \$1 million in the aggregate within 5 years after implementation of the rule?
[120.541(2)(a)2, F.S.]

Business competitiveness (including the ability of persons doing business in the state to compete with persons doing business in other states or domestic markets) Yes No

Productivity Yes No

Innovation Yes No

(3) Is likely to increase regulatory costs, including any transactional costs, in excess of \$1 million in the aggregate within 5 years after the implementation of the rule? [120.541(2)(a)3, F.S.]

Yes

No

Economic Analysis:

A summary of the key rule changes is included in the attached memorandum to counsel. Specific elements of the associated economic analysis are identified below in Sections B through F of this SERC.

49 U.S. Code Section 60105, State pipeline safety program certifications, sets forth the standards that state authorities administering safety standards and practices for intrastate pipeline facilities or intrastate pipeline transportation must comply with in required annual certifications submitted to the federal Secretary of Transportation (Secretary). The Secretary is empowered to monitor states' safety programs to ensure that programs comply with their certification. If the Secretary determines that a state authority is not enforcing applicable safety standards satisfactorily, the Secretary may reject a state's certification and take appropriate action to achieve adequate enforcement, including the assertion of federal jurisdiction.

A certification in effect under Section 60105 does not apply to federal safety standards adopted after the date of certification. Subsection (d) of Section 60105 requires states to adopt the standards and submit the appropriate information in an annual certification as required in Section 60105, subsection (a). In the current rulemaking initiative, the Commission is recommending revisions to Rules 25-12.005, 25-12.008, and 25-12.027, F.A.C., to adopt the latest version of the federal standards 49 C.F.R. Parts 191, 192, and 199 that pertain to the regulation of natural gas. Also, the Commission is recommending modifications to Rule 25-12.085, F.A.C., to incorporate the most recent versions of certain Pipeline and Hazardous Materials Safety Administration (PHMSA) forms. Recommended amendments to these Commission rules are not more restrictive than the changes to the related federal rules. Therefore, any economic impacts that might be incurred by affected entities would be a result of changes to federal rules promulgated under 49 C.F.R. Parts 191, 192, and 199 and not caused by staff's recommended changes to relevant Commission rules.

As discussed in Section D., below, other amendments to Commission rules being recommended at this time are not anticipated to result in significant additional transactional costs. Therefore, none of the rule impact/cost criteria established in paragraph 120.541(2)(a), F.S., will be exceeded as a result of the recommended rule revisions.

B. A good faith estimate of: [120.541(2)(b), F.S.]

(1) The number of individuals and entities likely to be required to comply with the rule.

Potentially affected entities include 51 natural gas utilities and 58 electric utilities. Utilities which come under the jurisdiction of the Commission in the future also would be required to comply.

(2) A general description of the types of individuals likely to be affected by the rule.

Florida's 51 natural gas utilities are comprised of 8 investor-owned utilities, 27 municipally-owned gas utilities, 4 special gas districts, 7 transmission entities, and 5 master meters. Florida's 58 electric utilities are comprised of 5 investor-owned utilities, 34 municipally-owned electric utilities, 16 rural electric cooperatives, and 3 independent wholesale power generation and distribution companies. Florida's 5 investor-owned electric utilities serve approximately 7.57 million customers. Florida's 8 investor-owned natural gas utilities serve approximately 535,000 customers.

[Sources: (1) Master Commission Directory, PSC - June 2016; (2) Facts and Figures of the Florida Utility Industry, PSC - March 2016]

C. A good faith estimate of: [120.541(2)(c), F.S.]

(1) The cost to the Commission to implement and enforce the rule.

- None. To be done with the current workload and existing staff.
- Minimal. Provide a brief explanation.
- Other. Provide an explanation for estimate and methodology used.

(2) The cost to any other state and local government entity to implement and enforce the rule.

- None. The rule will only affect the Commission.
- Minimal. Provide a brief explanation.
- Other. Provide an explanation for estimate and methodology used.

(3) Any anticipated effect on state or local revenues.

- None.
- Minimal. Provide a brief explanation.
- Other. Provide an explanation for estimate and methodology used.

D. A good faith estimate of the transactional costs likely to be incurred by individuals and entities (including local government entities) required to comply with the requirements of the rule. "Transactional costs" include filing fees, the cost of obtaining a license, the cost of equipment required to be installed or used, procedures required to be employed in complying with the rule, additional operating costs incurred, the cost of monitoring or reporting, and any other costs necessary to comply with the rule. [120.541(2)(d), F.S.]

- None. The rule will only affect the Commission.
- Minimal. Provide a brief explanation.
- Other. Provide an explanation for estimate and methodology used.

Any economic impacts that might be incurred by affected entities resulting from changes to federal rules promulgated under 49 C.F.R. Parts 191, 192, and 199 would not be caused by staff's recommended changes to Commission Rules 25-12.005, 25-12.008, and 25-12.027, F.A.C. Staff's recommended clarification and/or streamlining measures pertaining to Rules 25-6.0346, 25-12.022, 25-12.027, 25-12.040, and 25-12.085, F.A.C., are not anticipated to result in additional transactional costs. Other recommended rule changes which potentially might result in additional transactional costs are discussed below.

Additional recommended modifications to Rule 25-12.040, F.A.C., include new subsection (4). Under current Commission rules, gas utilities are required to perform follow-up inspections of leak repairs no later than one month for Grade 1 leaks and no later than six months for Grade 2 leaks. New language included in subsection (4) would require that if residual gas is detected on the follow-up inspection, continued monthly (not to exceed 45 days) monitoring and inspections shall be done until gas is no longer detected.

To identify potential additional transactional costs that might be incurred by gas utilities, staff sent a data request to the eight investor-owned gas utilities under the jurisdiction of the Commission. Utilities were asked to estimate the costs of performing a typical follow-up inspection and the number of additional

inspections that would be required to be performed in a typical year under the new rules. Two responses were received. Information included in respondents' comments is combined in the following discussion.

Respondents' estimates of the cost to perform an additional inspection ranged from approximately \$70 to \$308 on average, depending upon the degree to which there are impediments (e.g., overlying pavement) to accessing the repaired area for inspection. These estimates include labor costs for travel time and performing the residual gas recheck (1.75 – 3.5 hours) as well as the associated vehicle and equipment costs. Based on respondents' comments, staff believes that the large majority of the residual gas rechecks would fall in the lower half of the cost range and that complex re-inspections in areas where wall-to-wall overlying asphalt or concrete exists do not occur frequently. Respondents also indicated that the cost of a complex residual gas recheck can be mitigated if there are existing drill holes through the concrete or asphalt that were drilled during the initial repair and/or follow-up investigation.

Respondents also identified other costs that potentially might be associated with the need to perform additional inspections, such as: (a) updates to compliance tracking systems to trigger the prospective re-inspection interval, and (b) restoration work when a complex re-inspection necessitates drilling through overlying pavement. However, respondents stated that they did not believe these potential additional costs would be significant.

With regard to the possibility of additional re-inspections that might be required under the prospective rules, respondents indicated that based on current standard work practices, leak rechecks are performed whenever residual gas is present following a Grade 1 or Grade 2 leak repair. If upon recheck, residual gas continues to be present, additional rechecks are performed of the area where residual gas was present until such time as gas is no longer detected. One respondent stated that for all Grade 1 leaks repaired during a recent 12-month period, residual gas was detected in or around the area of repair in 1 percent of the cases. Leak rechecks were performed at these sites and in all cases, on the first recheck, no residual gas remained. The other respondent did not expect increased numbers of re-inspections for Grade 1 leaks as rechecks for these leaks currently are being performed on a monthly basis.

For Grade 2 leaks, staff notes that utilities potentially could be affected if conditions warranted performance of the leak rechecks in a more compressed time frame (i.e., monthly – not to exceed 45 days) rather than what currently would occur under normal industry practices pursuant to current Commission rules. In a hypothetical worst-case scenario, five additional follow-up inspections potentially might be necessary during a 12-month period for Grade 2 leaks; however, staff believes that such worst-case scenarios would be rare.

For Grade 2 leaks repaired during a recent 12-month period, respondents indicated that residual gas was detected in or around the area of repair in 7 to 8 percent of the cases. In many instances, it is common for no residual gas to be detected on the first recheck. In most other circumstances, it is anticipated that residual gas problems associated with Grade 2 leaks typically would be resolved

within approximately two leak rechecks after the initial required inspection. Therefore, based on respondents' comments, staff does not anticipate that the recommended changes to this rule would result in a significant increase in the number of follow-up inspections performed after leak repairs.

E. An analysis of the impact on small businesses, and small counties and small cities: [120.541(2)(e), F.S.]

(1) "Small business" is defined by Section 288.703, F.S., as an independently owned and operated business concern that employs 200 or fewer permanent full-time employees and that, together with its affiliates, has a net worth of not more than \$5 million or any firm based in this state which has a Small Business Administration 8(a) certification. As to sole proprietorships, the \$5 million net worth requirement shall include both personal and business investments.

No adverse impact on small business. [See clarification below.]

Minimal. Provide a brief explanation.

Other. Provide an explanation for estimate and methodology used.

Based on a review of investor-owned electric and gas utility annual reports, it is estimated that two investor-owned gas utilities potentially might meet the definition of "small business" as defined in Section 288.703, F.S. However, as noted in Section D above, any economic impacts that might be incurred by affected entities resulting from changes to federal rules promulgated under 49 C.F.R. Parts 191, 192, and 199 would not be caused by staff's recommended changes to relevant Commission rules. Additional transactional costs, if any, that potentially might result from other recommended rule changes are discussed in Section D above.

(2) A "Small City" is defined by Section 120.52, F.S., as any municipality that has an unincarcerated population of 10,000 or less according to the most recent decennial census. A "small county" is defined by Section 120.52, F.S., as any county that has an unincarcerated population of 75,000 or less according to the most recent decennial census.

No impact on small cities or small counties.

Minimal. Provide a brief explanation.

Other. Provide an explanation for estimate and methodology used.

Based on a review of the "Florida Estimates of Population" published by the Bureau of Economic and Business Research (2015), it is estimated that 14

municipally-owned electric utilities and 18 municipally-owned gas utilities potentially might meet the definition of "small city" as defined in Section 120.52, F.S. However, as noted in Section D above, any economic impacts that might be incurred by affected entities resulting from changes to federal rules promulgated under 49 C.F.R. Parts 191, 192, and 199 would not be caused by staff's recommended changes to relevant Commission rules. Additional transactional costs, if any, that potentially might result from other recommended rule changes are discussed in Section D above.

F. Any additional information that the Commission determines may be useful.
[120.541(2)(f), F.S.]

None.

Additional Information:

G. A description of any regulatory alternatives submitted and a statement adopting the alternative or a statement of the reasons for rejecting the alternative in favor of the proposed rule. [120.541(2)(g), F.S.]

No regulatory alternatives were submitted.

A regulatory alternative was received from

Adopted in its entirety.

Rejected. Describe what alternative was rejected and provide a statement of the reason for rejecting that alternative.