



17 North Second Street
12th Floor
Harrisburg, PA 17101-1601
717-731-1970 Main
717-731-1985 Main Fax
www.postschell.com

Anthony D. Kanagy

akanagy@postschell.com
717-612-6034 Direct
717-731-1985 Direct Fax
File #: 160511

May 6, 2015

VIA ELECTRONIC FILING

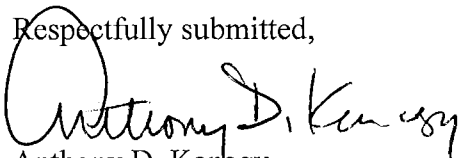
Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: Pennsylvania Public Utility Commission v. National Fuel Gas Distribution Corporation
Docket No. R-2015-2461373, C-2015-2464230 and C-2015-2464408

Dear Secretary Chiavetta:

Enclosed please find the Stipulation in Settlement of the Rate Investigation Pursuant to 66 Pa.C.S. § 1307(f) for the above-referenced proceeding. Copies will be provided as indicated on the Certificate of Service.

Respectfully submitted,



Anthony D. Kanagy

ADK/skr
Enclosures

cc: Certificate of Service
Honorable Mary D. Long

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

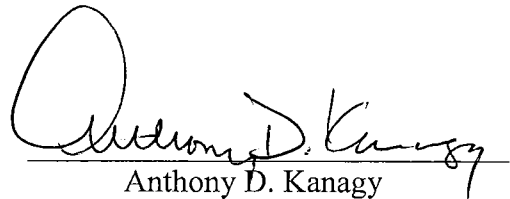
VIA E-MAIL AND FIRST CLASS MAIL

Steven C. Gray, Esquire
Office of Small Business Advocate
300 North Second Street, Suite 202
Harrisburg, PA 17101

Christy M. Appleby, Esquire
Aron J. Beatty, Esquire
Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1923

Carrie B. Wright, Esquire
Bureau of Investigation & Enforcement
Commonwealth Keystone Building
400 North Street, 2nd Floor West
PO Box 3265
Harrisburg, PA 17105-3265

Date: May 6, 2015


Anthony D. Kanagy

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

PENNSYLVANIA PUBLIC UTILITY	:	
COMMISSION	:	
	:	Docket Nos. R-2015-2461373
v.	:	C-2015-2464230
	:	C-2015-2464408
NATIONAL FUEL GAS DISTRIBUTION	:	
CORPORATION	:	

**STIPULATION IN SETTLEMENT
OF THE RATE INVESTIGATION
PURSUANT TO 66 PA.C.S. § 1307(f)**

TO ADMINISTRATIVE LAW JUDGE MARY D. LONG:

I. INTRODUCTION

The Bureau of Investigation and Enforcement (“I&E”) of the Pennsylvania Public Utility Commission (“Commission”), the Office of Consumer Advocate (“OCA”), the Office of Small Business Advocate (“OSBA”), and National Fuel Gas Distribution Corporation (“Distribution”), being all of the parties to the above-captioned proceeding (hereinafter collectively referred to as the “Parties”), hereby join in this “Stipulation in Settlement of the Rate Investigation Pursuant to 66 Pa.C.S. § 1307(f)” (“Settlement”) and respectfully request that Administrative Law Judge Mary D. Long (the “ALJ”) and the Commission approve this Settlement, including the rates to become effective for service furnished on and after August 1, 2015, that are set forth in the form of tariff supplement provided as Appendix “A” hereto and which are calculated in Appendix “B” hereto. The Parties agree that such rates are subject to revision for actual over/under recoveries of purchased gas costs through June 30, 2015, and for updates to the forecast of wellhead prices. In addition, the Parties request that the ALJ and the Commission make the findings required by the Public Utility Code as provided herein.

The terms and conditions of the Settlement are set forth in their entirety hereinafter. Distribution's, I&E's, OCA's and OSBA's Statements in Support of the Settlement are provided as Appendices "C" through "F" hereto.

II. BACKGROUND

In support of this Settlement, the Parties state the following:

1. Distribution provides retail natural gas sales and transportation services to customers in fourteen counties in northwestern Pennsylvania. Distribution is a public utility subject to the Commission's regulatory jurisdiction with regard to its Pennsylvania operations.

2. Distribution also provides natural gas services in western New York, subject to the regulatory jurisdiction of the New York Public Service Commission.

3. Because Distribution's annual operating revenues derived from providing gas services to customers in Pennsylvania exceed \$40 million, Distribution's recovery of purchased gas costs is governed by Section 1307(f) of the Public Utility Code, 66 Pa.C.S. § 1307(f), and the Commission's regulations at 52 Pa. Code §§ 53.61 — 53.65 and 53.68.

4. On December 31, 2014, Distribution submitted to the Commission, as required under 52 Pa. Code §§ 53.64 and 53.65, certain data and information in support of a tariff supplement and a tariff addendum proposing changes in rates for recovery of purchased gas costs.

5. On January 16, 2015, OSBA filed a Notice of Appearance, Complaint and Public Statement.

6. On January 26, 2015, OCA filed a Notice of Appearance, Complaint and Public Statement.

7. On January 30, 2015, Distribution filed with the Commission Supplement No. 155 to Tariff Gas - Pa. P.U.C. No. 9 and a Tariff Addendum. Supplement No. 155 and the

Addendum bear an issue date of January 30, 2015. In accordance with Section 1307(f)(1) of the Public Utility Code, Supplement No. 155 was issued to become effective following six months' notice, on August 1, 2015. Concurrently with the filing of Supplement No. 155 and the Addendum, Distribution filed the remainder of its direct case, consisting of written direct testimony and associated exhibits.

8. On February 3, 2015, I&E filed a Notice of Appearance.

9. On February 3, 2015, the ALJ issued a Prehearing Conference Order.

10. Prehearing conference memoranda were submitted by I&E, OCA, OSBA and Distribution.

11. A prehearing conference was held on February 11, 2015, with Administrative Law Judge Mary D. Long presiding. At the prehearing conference, the Parties and the ALJ established a schedule under which they would be able to complete litigation of the proceeding and allow the ALJ and the Commission to decide any contested issues before the end of the statutory six-month notice period.

12. Numerous discovery requests were propounded to Distribution by I&E, OCA and OSBA. Distribution responded to all of these discovery requests.

13. On March 16, 2015, OCA served its Direct Testimony.

14. On April 8, 2015, Distribution and OSBA served Rebuttal Testimony.

15. On April 15, 2015, Distribution and OCA served Surrebuttal Testimony.

16. On April 17, 2015, Distribution served Rejoinder Testimony.

17. In accordance with Rule 5.231 of the Commission's Rules of Practice and Procedure, 52 Pa. Code § 5.231, the Parties explored the possibility of settlement. As a result of settlement discussions, the Parties achieved a Settlement under which all issues are resolved.

The Settlement is fully set forth herein. The Parties are in full agreement that the Settlement is in the best interests of Distribution's customers and Distribution.

18. On April 20, 2015, the Parties informed the ALJ of the settlement in principle of all issues.

19. On April 21, 2015, a hearing was held in order to admit the Parties' Testimony and exhibits into the record.

20. The terms and conditions of the Settlement are set forth in Sections III - VIII, below.

III. PROPOSED FINDINGS OF FACT

21. Effective on November 1, 2000, Distribution realigned its pipeline and storage capacity in order to identify specific capacity as being held for its New York customers and for its Pennsylvania customers. Generally, delivery points located in Pennsylvania were assigned to the Pennsylvania Division, and delivery points located in New York were assigned to the New York Division. The realignment was approved by the Commission in the Order entered on October 25, 2001, at Docket No. R-00994898.

22. Distribution relies primarily upon gas supplies transported by Tennessee Gas Pipeline, LLC ("Tennessee"), Columbia Gas Transmission, LLC ("Columbia Transmission") and Texas Eastern Transmission, LP ("Texas Eastern" or "TETCO") to meet the requirements of its sales customers in Pennsylvania (PGC Exhibit No. 8, pp. 3-5).

23. Tennessee, Columbia Transmission and Texas Eastern transport Distribution's gas supplies to Distribution's pipeline capacity on National Fuel Gas Supply Corporation ("Supply"). Supply, in turn, either delivers such gas supplies to Distribution for use by Distribution's sales customers or injects such supplies into storage fields for later delivery to Distribution for use by its sales customers (PGC Exhibit No. 4, p. 2, PGC Exhibit No. 8, pp. 4-5).

24. Supply is an affiliate of Distribution and is subject to the regulatory jurisdiction of the Federal Energy Regulatory Commission (“FERC”) (PGC Exhibit No. 4, pp. 2-3). Supply owns and operates a transmission system and storage fields, and Supply charges Distribution for transportation and storage services under Supply’s FERC-approved tariff (PGC Exhibit No. 4, pp. 3-6).

25. Distribution’s capacity on Supply, Tennessee, Columbia Transmission and Texas Eastern is critical for the operation of the system, the provision of reliable service to customers and Distribution’s least cost fuel procurement policy (PGC Exhibit No. 8, pp. 2-3).

26. Locally produced gas delivered directly to Distribution or transported by Supply to Distribution made up 15 percent of gas supplies purchased by Distribution to meet Distribution’s Pennsylvania sales requirements during the 12 months ended November 30, 2014. The remaining 85 percent of gas supplies for Distribution’s sales customers were purchased from sources upstream of Supply (PGC Exhibit No. 1, Schedule 1, Sheet 1 as updated in Appendix B).

27. The availability of storage enhances Distribution’s ability to buy gas and to utilize its firm upstream transportation capacity at high load factors (PGC Exhibit No. 8, pp. 4 and 17-18).

28. At least through July 31, 2016, the end of the application period in this proceeding, Distribution will continue to rely principally upon gas supplies transported through facilities of Tennessee, Columbia Transmission, Texas Eastern and Supply, as well as storage (particularly on Supply), to meet the needs of its Pennsylvania sales customers (PGC Exhibit No. 8, pp. 2-3, PGC Exhibit No. 30).

29. Distribution has fully and vigorously represented the interests of its ratepayers in proceedings before the FERC. (PGC Exhibit No. 6).

30. Distribution maintains capacity on interstate pipelines sufficient to meet the requirements of its firm customers during peak day and peak season periods. Therefore, from time-to-time, it has available pipeline capacity in excess of what is needed to meet customers' current requirements during non-peak periods. During such periods, in order to mitigate the cost to customers of natural gas supplies, Distribution makes sales to off-system customers (PGC Exhibit 8, pp. 18-21).

31. In addition to off-system sales, Distribution is able to achieve revenues, pursuant to programs under FERC Order 636, for release of capacity on Supply and on upstream pipelines that serve Distribution when this capacity is not needed to serve firm customers (PGC Exhibit No. 8, pp. 18-21).

32. Distribution participates in a sharing mechanism under which it retains 25 percent of the net revenues from off-system sales, capacity releases and asset management arrangements, including storage fill contracts (PGC Exhibit No. 8, pp. 19-24).

33. The remainder of Distribution's system supply that is not transported by pipelines upstream of Supply consists of Appalachian supplies directly attached to the systems of Supply or Distribution and a small volume of gas from Peoples TWP LLC (PGC Statement No. 3, pp. 2-3; PGC Exhibit No. 1, Schedule 1, Sheet 1).

34. During the twelve months ended November 30, 2014, Distribution purchased 3,162,009 Mcf of locally-produced gas to serve customers in Pennsylvania (PGC Exhibit No. 1, Schedule 1, Sheet 1).

35. Locally-produced gas continues to be a useful resource in meeting the requirements of Distribution's sales customers, and Distribution expects to continue to purchase

local gas at prices that will not increase the weighted average cost of gas supplies that it sells to its customers (PGC Exhibit No. 8, p. 16).

a. Distribution purchases dedicated, non-firm, life of reserve gas from Appalachian producers that is priced at an Appalachian Index (“AI”). The AI is the simple average of the first of the month spot prices for gas delivered to Dominion Transmission, Inc. and Columbia Transmission as reported by Inside FERC’s Gas Market Report and by Natural Gas Intelligence (PGC Exhibit No. 4, p. 16).

b. Non-dedicated or excess gas, which is available to Distribution on a monthly best-efforts basis, is purchased at 80 percent of the AI rate (PGC Exhibit No. 4, p. 17).

36. Distribution has implemented, with the Commission’s approval, a system-wide “Energy Select” program throughout its Pennsylvania service territory under which all customers, except those served under Distribution’s Low Income Residential Assistance Program, may choose a natural gas supplier other than Distribution (PGC Statement No. 6, pp. 2-3).

37. In order to maintain service to several remote pockets of customers without constructing additional pipeline facilities, Distribution has entered into two exchange agreements – one with UGI Central Penn Gas, Inc. and one with Columbia Gas of Pennsylvania, Inc. Under the agreements, each company takes from the other volumes of gas needed to provide service. The agreements do not contemplate purchases of gas; instead they contemplate that each company will receive approximately the same volumes of gas from the other over time. If needed, additional deliveries are arranged to eliminate any balance that has built up over time. The companies do not charge each other for this service (PGC Exhibit 4, pp. 6-7).

IV. STANDARDS AND FINDINGS

A. Historic Reconciliation Period Standards.

38. With respect to Distribution's gas purchases and gas purchasing practices during the twelve-month historic reconciliation period ended November 30, 2014, it is requested that the ALJ and the Commission find that Distribution has met the standards of Section 1318 of the Public Utility Code, 66 Pa.C.S. § 1318, as required by Section 1307(f)(5) of the Public Utility Code, 66 Pa.C.S. § 1307(f)(5), as to all actual purchased gas costs in the historic period. It is requested that the Commission find that, during the twelve months ended November 30, 2014:

a. Distribution met the requirements of Section 1318(a) of the Public Utility Code by pursuing a least-cost fuel procurement policy, consistent with its obligation to provide safe, adequate and reliable service to its customers; and

b. Distribution met the requirements of Section 1318(b) of the Public Utility Code relating to purchases from and services provided by affiliates.

B. Projected Period Findings.

39. With respect to the eight-month interim period beginning on December 1, 2014, and with respect to the twelve-month period beginning August 1, 2015, when rates established under this Settlement will be in effect, it is requested that the Commission find, based upon information presently available and based upon evidence of record in this proceeding concerning Distribution's projected purchases and purchasing policies, that the rates to be adopted by the Commission result from Distribution's compliance with the provisions of Section 1318 of the Public Utility Code, including Sections 1318(a)(1), 1318(a)(2), 1318(a)(3), 1318(a)(4), 1318(b)(1), 1318(b)(2) and 1318(b)(3), 66 Pa.C.S. §§ 1318(a)(1), 1318(a)(2), 1318(a)(3), 1318(a)(4), 1318(b)(1), 1318(b)(2) and 1318(b)(3).

40. The Parties agree that, based upon evidence of record in this proceeding concerning Distribution's projected gas purchases and gas purchasing policies, Distribution's projected gas purchases and projected gas purchasing policies may comply with the standards of Section 1318 of the Public Utility Code. Nevertheless, it is expressly understood and agreed that this Section of the Settlement, Section IV.B., is made solely for the purpose of setting prospective rates that shall be subject to the standards of Section 1318 of the Public Utility Code, 66 Pa.C.S. § 1318, and further review in an appropriate future proceeding. Section IV.B. of the Settlement is not intended in any way to limit or prevent I&E, OCA and OSBA from reviewing, after such projected gas purchases actually have been made and gas purchasing practices actually have been implemented, whether Distribution's gas purchases and gas purchasing practices complied with Section 1318. If, in an appropriate future proceeding, gas purchases and gas purchasing practices from December 1, 2014, through July 31, 2015, and the twelve-month application period commencing August 1, 2015 and ending on July 31, 2016, were challenged, the Commission's findings based upon Section IV of the Settlement shall not bar the examination of such purchases and practices, including, but not limited to, disallowance of, or reductions to, such costs during the eight-month interim period commencing December 1, 2014, and ending on July 31, 2015, and the twelve-month application period commencing August 1, 2015, and ending on July 31, 2016.

V. OTHER TERMS AND CONDITIONS OF SETTLEMENT

A. PGC Rates.

41. The Parties request that the ALJ and the Commission approve the form of tariff supplement provided as Attachment "A" hereto, including the rates set forth therein. The rates in Attachment "A" have been updated through March 31, 2015, and are subject to further updates for actual over/under recoveries of purchased gas costs through June 30, 2015, and updates for

revisions to the forecasts of wellhead prices. The data and calculations used to produce the rates contained in Attachment “A” are provided in Attachment “B” hereto.

B. Design Day Requirements.

42. Rates established in this proceeding are based on a contracted for level of pipeline and storage capacity of 341,130 Dth/day. The Parties agree to use the throughput and capacity amounts projected by the Company to calculate rates in this proceeding. The acceptance by the Parties of this level of throughput and capacity to calculate rates does not indicate their acceptance of, and the Commission’s approval of the settlement will not indicate its approval of, the procedures or methodologies used to calculate these levels of throughput and capacity.

In Distribution’s 2016 Section 1307(f) proceeding, any party may contend that Distribution should adjust its capacity to a different level. If the Commission makes a determination concerning the appropriate level of capacity for Distribution, Distribution will undertake all reasonable and appropriate actions, after the determination becomes final, to adjust its level of capacity to the level determined to be appropriate.

No party to this Settlement may contend that there should be a disallowance of recovery by Distribution of its cost of capacity for any period prior to Distribution’s first reasonable opportunity to adjust its capacity after the determination of the appropriate level of capacity has become final.

C. TETCO Capacity.

43. Distribution will be permitted to recover costs for increasing its firm transportation (“FT”) capacity on TETCO from 10,000 Dth/day to 20,000 Dth/day effective August 1, 2015. The parties agree that in its next 1307(f) proceeding, Distribution will provide information establishing the necessity of the 10,000 Dth/day TETCO capacity going forward. If

based on this information the parties cannot agree that the capacity is necessary, Distribution will give notice of termination of the capacity on the next notice date.

D. Off-System Sales

44. The Company will abandon its proposal to use a single weighted average cost of commodity (“WACC”) rate, and will continue to use separate production and market area WACC rates for off-system WACC sales.

E. Contract Renewals And Changes.

45. The Parties agree that the Commission should approve the renewals, extensions and changes in pipeline and storage capacity contracts that are explained in PGC Exhibits 4 and 8 and in PGC Statements 1, 3 and 4.

F. Tariff Changes.

46. The Parties request that the Commission approve the tariff changes that are set forth in the form of tariff supplement provided as Attachment A hereto. The tariff changes are identified in the List of Changes that is included at pages 2-3 of Appendix A hereto.

G. Approval Of Filing

47. The Company’s 2015 Section 1307(f) filing is approved except as modified by this Settlement.

VI. PROPOSED CONCLUSIONS OF LAW

48. The Commission has jurisdiction over the parties and subject matter of this proceeding. 66 Pa.C.S. §§ 1307(f), 1317-18.

49. Distribution has met the requirements of Section 1318 of the Public Utility Code by pursuing a least cost fuel procurement policy, consistent with its obligation to provide safe, adequate and reliable service to its customers. 66 Pa.C.S. § 1318.

50. Distribution's rates for purchased gas costs, as the parties have agreed upon in this proceeding, during the relevant time period are just and reasonable and in compliance with 66 Pa.C.S. § 1318.

51. Distribution has fully and vigorously represented the interests of its ratepayers in proceedings before the FERC and other relevant non-PUC proceedings during the relevant time period in compliance with 66 Pa.C.S. § 1318(a)(1).

52. Distribution has taken all prudent steps necessary to negotiate favorable gas supply contracts and to relieve the utility from terms in existing contracts with its gas supplier which are or may be adverse to the interests of the utility's ratepayers in compliance with 66 Pa.C.S. § 1318(a)(2).

53. Distribution has taken all prudent steps necessary to obtain lower cost gas supplies on both short-term and long-term bases both within and outside the Commonwealth, including the use of gas transportation arrangements with pipelines and other distribution companies in compliance with 66 Pa.C.S. § 1318(a)(3).

54. Distribution has not withheld from the market or caused to be withheld from the market any gas supplies which should have been utilized as part of a least cost fuel procurement policy in compliance with 66 Pa.C.S. § 1318(a)(4).

55. Distribution has fully and vigorously attempted to obtain less costly gas supplies on both short-term and long-term bases from nonaffiliated interests in compliance with 66 Pa.C.S. § 1318(b)(1).

56. Neither Distribution nor its affiliated interests have withheld from the market any gas supplies which should have been utilized as part of a least cost fuel procurement policy in compliance with 66 Pa.C.S. § 1318(b)(3).

57. The Joint Settlement Petition is in the public interest.

VII. PROPOSED ORDERING PARAGRAPHS

58. That the Settlement among Distribution, the Pennsylvania Public Utility Commission's Bureau of Investigation and Enforcement, the Office of Consumer Advocate, and the Office of Small Business Advocate in the above-captioned case is hereby approved and adopted without modification.

59. That Distribution shall file a tariff supplement, to become effective on one day's notice of the final Commission order approving the Settlement, containing changes in rates to provide for the recovery of its costs of purchased gas, consistent with the terms and conditions of the Settlement.

60. That Distribution, I&E, OCA and OSBA shall comply with the terms and conditions of the Settlement submitted in this proceeding as though each term and condition stated therein had been subject of an individual ordering paragraph.

61. That upon Distribution's filing of a tariff supplement acceptable to the Commission as conforming with this order and the Settlement and the Commission's approval thereof, the purchased gas rates established therein shall become effective for service rendered on and after August 1, 2015.

62. That the complaints filed by the Office of Small Business Advocate and the Office of Consumer Advocate in these proceedings at Docket No. C-2015-2464230 and C-2015-2464408, respectively, be marked closed.

63. That the investigation at Docket No. R-2015-2461373 be marked closed.

VIII. CONDITIONS OF SETTLEMENT

64. The Parties acknowledge and agree that this Settlement shall have the same force and effect as if the Parties had fully litigated this proceeding with regard to the historic period ended November 30, 2014.

65. This Settlement is conditioned upon the Commission's approval of terms and conditions contained herein without modification. If the Commission modifies the Settlement, any of the Parties may elect to withdraw from this Settlement and may proceed with litigation. In such event, this Settlement shall be void and of no effect. Such election to withdraw must be made in writing, filed with the Secretary of the Commission and served upon all Parties within five (5) business days after the entry of an order modifying the Settlement.

66. This Settlement is proposed by the Parties to settle certain issues in the instant proceeding and is made without any admission against, or prejudice to, any position which any Party to this Settlement may adopt during any subsequent litigation of this or any other proceeding if the Commission disapproves this Settlement or if the Commission modifies the Settlement and one or more of the Parties elect to withdraw from the Settlement and proceed to litigation.

67. If the Commission does not approve the Settlement and the proceedings continue to hearings on the issues that are the subjects of this Settlement, the Parties reserve their respective rights to conduct full cross-examination, briefing and argument on these subjects.

68. The Commission's approval of this Settlement shall not be construed to represent approval of any Party's position on any issue, except to the extent required to effectuate the terms and agreements of this Settlement in this and future proceedings involving Distribution.

69. It is understood and agreed among the Parties that this Settlement is the result of compromises, and does not necessarily represent the position(s) that would be advanced by any Party in this proceeding if it were fully litigated.

70. This Settlement is being presented in this Section 1307(f) proceeding in an effort to resolve outstanding issues in a manner which is fair and reasonable. The Settlement is the product of compromise. This Settlement is presented without prejudice to any position which any of the Parties may have advanced and without prejudice to the position any of the Parties may advance in the future on the merits of the issues in future proceedings. This Settlement does not preclude the Parties from taking other positions in proceedings under Section 1307(f) concerning the recovery of purchased gas costs by other natural gas distribution companies.

71. Distribution's, I&E's, OCA's and OSBA's Statements in Support of the Settlement, setting forth the basis upon which they believe the Settlement is fair, just and reasonable and is, therefore, in the public interest are provided in Appendices "C" through "F".

IX. CONCLUSION

WHEREFORE, the Parties, by their respective counsel, respectfully request that Administrative Law Judge Mary D. Long and the Pennsylvania Public Utility Commission:

- (1) approve this "Stipulation In Settlement Of The Rate Investigation Pursuant To 66 Pa.C.S. § 1307(f)" including all of its terms and conditions, and
- (2) make the findings required by the Public Utility Code as provided herein.

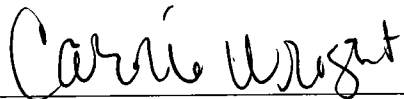
Respectfully submitted,



Michael W. Gang, Esquire
Anthony D. Kanagy, Esquire
Post & Schell P.C.
17 North 2nd Street, 12th Floor
Harrisburg, PA 17101-1601

Date: 5/6/15

*Attorneys for National Fuel Gas
Distribution Corporation*



Carrie B. Wright, Esquire
Bureau of Investigation & Enforcement
Commonwealth Keystone Building
400 North Street, 2nd Floor West
Harrisburg, PA 17105-3265

Date: 5/6/15

*Attorney for Bureau of Investigation &
Enforcement*

Christy M. Appleby

Christy M. Appleby, Esquire
Aron J. Beatty, Esquire
Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1923

Date: 5/6/15

*Attorneys for Office of Consumer
Advocate*

Steven C. Gray

Steven C. Gray, Esquire
Office of Small Business Advocate
Commerce Building
300 North Second Street, Suite 1102
Harrisburg, PA 17101

Date: 5/6/15

*Attorney for Office of Small
Business Advocate*

Appendix A

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
BUFFALO, NEW YORK**

RATES, RULES AND REGULATIONS

GOVERNING THE FURNISHING

OF

NATURAL GAS SERVICE

IN

TERRITORY DESCRIBED HEREIN

Issued:

Effective:

A. M. CELLINO, PRESIDENT
BUFFALO, NEW YORK

This Supplement Increases,
Decreases and Changes Existing Rates
See Page 2

LIST OF CHANGES MADE BY THIS TARIFF

CHANGE:

1. LIRA percentage discounts table changes.
Pages 37A and 37B.
2. The volume of gas delivered to compensate for line losses for DMLMT service changes
Page 146F

DECREASE:

3. The Natural Gas Supply Charge and Gas Adjustment Charge for Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial Service Classes decrease.
Pages 36, 36A, 41, 41A, 42, 53, 55, 65, 66, 76 and 76A.
4. Commodity Charges for Load Balancing Service decrease.
Pages 50, 62, 73, 80 and 82.
5. Components of Natural Gas Vehicle rates decrease.
Pages 82, 83 and 84.
6. The price for purchase of gas by Distribution from a transportation service customer in the event of a curtailment or interruption will decrease to \$4.9092 per Mcf.
Pages 106, 117 and 146G.
7. Purchase gas costs in Rider A decrease.
Page 147.
8. The Merchant Function Charge in Rider G decreases.
Page 168.
9. The Price to Compare shown in Rider H decreases.
Page 169.
10. Priority Standby and Standby rates decrease.
Pages 93, 95 and 147.

LIST OF CHANGES MADE BY THIS TARIFF

DECREASE: (Con't)

11. Demand Transfer Recovery Rate ("DTR") decreases.
Page 127.
12. Weighted average demand cost of upstream capacity decreases.
Page 131.
13. Demand Charges for Load Balancing Service decrease.
Pages 48, 61, 72, 79 and 82.
14. LIRA charge in Rider F decrease.
Pages 164 and 167.

INCREASE:

15. The Distribution Charge for Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial Service Classes increase.
Pages 36, 41, 41A, 42, 53, 55, 65 and 76.
16. SATC rates increase.
Pages 119A, 120, 121 and 147.
17. Commodity Charge for Transportation Services for the recovery of purchased gas increases
Pages 50, 63, 74, 81
18. Monthly Metered Transportation rates increase.
Pages 100, 101
19. The percentage of peak day requirements increases to 41%.
Page 131
20. The State Tax Adjustment surcharge percentage in Rider B increases.
Page 157.

Issued:

Effective:

RESIDENTIAL SERVICE RATE SCHEDULE

RESIDENTIAL CLASSIFICATION

This classification shall include gas supplied for residential purposes such as a private dwelling, apartment house with a single meter supplying four or less dwelling units, separately metered apartments of a multiple dwelling, accessory buildings to dwellings or apartment houses such as garages, except at residences receiving service under Rate Schedule LIRAS for Low Income Residential Assistance Service and other places of residence where gas is used for residential purposes.

Churches and missions (places of worship) shall be entitled to Service under the Residential service rate schedule.

AVAILABILITY OF SERVICE

Gas Service shall be available at one location, except as otherwise provided, for residential customers.

APPLICABILITY

Applicable in all areas served under this tariff.

MONTHLY RATE

Basic Service Charge
\$12.00 per Month

Distribution Charges
35.605¢ per 100 cubic feet for the first 5,000 cubic feet (I)
25.247¢ per 100 cubic feet for all over 5,000 cubic feet (I)

Gas Adjustment Charge
(7.866¢) per 100 cubic feet Purchased Gas Cost Component (D)
(Rider A)
(0.175¢) per 100 cubic feet Merchant Function Charge (D)
(Rider G)
(8.041¢) Per 100 cubic feet Total Gas Adjustment Charge (D)

For a period of 12 months starting when gas supply service hereunder is initiated to a former SATC, MMT or DMT customer by the Company, the rates for service under this rate schedule shall exclude the Gas Adjustment Charge. Former SATC, MMT or DMT customers will be charged during this 12 month period the DEDC factor as defined in Rider A to this tariff and as contained in the Distribution charges set forth above, as amended from time to time.

(I) Indicates Increase
(D) Indicates Decrease

Issued:

Effective:

RESIDENTIAL SERVICE RATE SCHEDULE (cont.)

Natural Gas Supply Charge			
45.933¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
1.024¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
<u>1.050¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
48.007¢	per 100 cubic feet Charge	Total Natural Gas Supply	(D)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 2.2301% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge and Rider F - LIRA Discount Charge as set forth in this tariff.

RULES AND REGULATIONS

The rules and regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(I) Indicates Increase

(C) Indicates Change

(D) Indicates Decrease

Issued:

Effective:

MONTHLY RATE

(C)

After completion of selection of the customers to receive service under this rate schedule, the following percentage discounts shall be applied to the Residential Rate Schedule Basic Service Charge, Distribution Charge, Gas Adjustment Charge and Natural Gas Supply Charge:

Program changes associated with the Order at Docket Nos. R-00072420 and M-00072019 will be implemented the first calendar day of the month following the entry date of the Commission Order if the entry date is at least 5 days prior to the first calendar day of the month. If the entry date is within the 5-day window, program changes will become effective the first day of the subsequent calendar month.

ANNUAL INCOME	HOUSEHOLD SIZE						
	1	2	3	4	5	6	7
\$0 - \$999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$1,000 - \$1,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$2,000 - \$2,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$3,000 - \$3,999	10.0%	10.0%	10.0%	10.0%	20.0%	20.0%	20.0%
\$4,000 - \$4,999	20.0%	20.0%	30.0%	30.0%	30.0%	30.0%	30.0%
\$5,000 - \$5,999	20.0%	20.0%	20.0%	30.0%	30.0%	30.0%	30.0%
\$6,000 - \$6,999	10.0%	20.0%	20.0%	20.0%	30.0%	30.0%	30.0%
\$7,000 - \$7,999	10.0%	10.0%	20.0%	20.0%	20.0%	30.0%	30.0%
\$8,000 - \$8,999	10.0%	10.0%	20.0%	20.0%	20.0%	20.0%	20.0%
\$9,000 - \$9,999	10.0%	10.0%	10.0%	20.0%	20.0%	20.0%	20.0%
\$10,000 - \$10,999	10.0%	10.0%	10.0%	10.0%	10.0%	20.0%	20.0%
\$11,000 - \$11,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$12,000 - \$12,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$13,000 - \$13,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$14,000 - \$14,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$15,000 - \$15,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$16,000 - \$16,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$17,000 - \$17,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$18,000 - \$18,999	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$19,000 - \$19,999	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$20,000 - \$20,999	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$21,000 - \$21,999	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$22,000 - \$22,999	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$23,000 - \$23,999	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$24,000 - \$24,999	0.0%	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$25,000 - \$25,999	0.0%	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$26,000 - \$26,999	0.0%	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$27,000 - \$27,999	0.0%	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$28,000 - \$28,999	0.0%	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$29,000 - \$29,999	0.0%	0.0%	10.0%	10.0%	10.0%	10.0%	10.0%

(C) Indicates Change

Issued:

Effective:

MONTHLY RATE (con't)

(C)

ANNUAL INCOME	HOUSEHOLD SIZE						
	8	9	10	11	12	13	14
\$0 - \$999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$1,000 - \$1,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$2,000 - \$2,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$3,000 - \$3,999	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
\$4,000 - \$4,999	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
\$5,000 - \$5,999	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
\$6,000 - \$6,999	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
\$7,000 - \$7,999	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
\$8,000 - \$8,999	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
\$9,000 - \$9,999	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
\$10,000 - \$10,999	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
\$11,000 - \$11,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$12,000 - \$12,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$13,000 - \$13,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$14,000 - \$14,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$15,000 - \$15,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$16,000 - \$16,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$17,000 - \$17,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$18,000 - \$18,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$19,000 - \$19,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$20,000 - \$20,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$21,000 - \$21,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$22,000 - \$22,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$23,000 - \$23,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$24,000 - \$24,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$25,000 - \$25,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$26,000 - \$26,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$27,000 - \$27,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$28,000 - \$28,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
\$29,000 - \$29,999	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%

(C) Indicates Change

Issued:

Effective:

COMMERCIAL AND PUBLIC AUTHORITY SERVICE RATE SCHEDULE (cont.)

APPLICABILITY

Applicable in all areas served under this tariff.

MONTHLY RATE

For "Small" Commercial/Public Authority Customers using not more than 250,000 cubic feet per year:

Basic Service Charge			
\$19.89	per Month		
Distribution Charges			
29.524¢	per 100 cubic feet for the first 5,000 cubic feet		(I)
26.266¢	per 100 cubic feet for all over 5,000 cubic feet		(I)
Gas Adjustment Charge			
(7.866¢)	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
(0.018¢)	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
(7.884¢)	per 100 cubic feet	Total Gas Adjustment Charge	(D)

For a period of 12 months starting when gas supply service hereunder is initiated to a former SATC, MMT or DMT customer by the Company, the rates for service under this rate schedule shall exclude the Gas Adjustment Charge. Former SATC, MMT or DMT customers will be charged during this 12 month period the DEDC factor as defined in Rider A to this tariff and as contained in the Distribution charges set forth above, as amended from time to time.

Natural Gas Supply Charge			
45.933¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
0.105¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
1.050¢	per 100 cubic feet	Gas Procurement Charge (Rider H)	(D)
47.088¢	per 100 cubic feet	Total Natural Gas Supply Charge	(D)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

(D) Indicates Decrease

(C) Indicates Change

(I) Indicates Increase

Issued:

Effective:

COMMERCIAL AND PUBLIC AUTHORITY SERVICE RATE SCHEDULE (Cont'd)

For "Small" Commercial/Public Authority Customers using greater than 250,000 cubic feet but not more than 1,000,000 cubic feet per year:

Basic Service Charge			
\$27.53	per Month		
Distribution Charges			
22.037¢	per 100 cubic feet for the first 20,000 cubic feet		(I)
20.673¢	per 100 cubic feet for all over 20,000 cubic feet		(I)
Gas Adjustment Charge			
(7.866¢)	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
<u>(0.018¢)</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
(7.884¢)	per 100 cubic feet	Total Gas Adjustment Charge	(D)

For a period of 12 months starting when gas supply service hereunder is initiated to a former SATC, MMT or DMT customer by the Company, the rates for service under this rate schedule shall exclude the Gas Adjustment Charge. Former SATC, MMT or DMT customers will be charged during this 12 month period the DEDC factor as defined in Rider A to this tariff and as contained in the Distribution charges set forth above, as amended from time to time.

Natural Gas Supply Charge			
45.933¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
0.105¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
<u>1.050¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
47.088¢	per 100 cubic feet	Total Natural Gas Supply Charge	(D)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

(D) Indicates Decrease
(I) Indicates Increase

(C) Indicates Change

Issued:

Effective:

Commercial and Public Authority Service Rate Schedule (Cont'd)

For "Large" Commercial/Public Authority Customers:

Basic Service Charge

\$121.01 per Month

Distribution Charges

18.301¢	per 100 cubic feet for the first 300,000 cubic feet	(I)
17.109¢	per 100 cubic feet for the next 1,700,000 cubic feet	(I)
14.925¢	per 100 cubic feet for all over 2,000,000 cubic feet	(I)

Gas Adjustment Charge

(7.866¢)	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
(0.018¢)	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
(7.884¢)	per 100 cubic feet	Total Gas Adjustment Charge	(D)

For a period of 12 months starting when gas supply service hereunder is initiated to a former SATC, MMT or DMT customer by the Company, the rates for service under this rate schedule shall exclude the Gas Adjustment Charge. Former SATC, MMT or DMT customers will be charged during this 12 month period the DEDC factor as defined in Rider A to this tariff and as contained in the Distribution charges set forth above, as amended from time to time.

Natural Gas Supply Charge

45.933¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
0.105¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
1.050¢	per 100 cubic feet	Gas Procurement Charge (Rider H)	(D)
47.088¢	per 100 cubic feet	Total Natural Gas Supply Charge	(D)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

APPLICATION PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

RULES AND REGULATIONS

The Rules and Regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(I) Indicates Increase

(C) Indicates Change

(D) Indicates Decrease

Issued:

Effective:

1. The purchased gas demand costs applicable to the Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial classes, the "DC", shall be obtained from Rider "A" - Section 1307(f) Purchased Gas Costs.
2. The number 12 shall be multiplied by the sum of (a) the volume of gas (expressed in Mcf) purchased from the Company by all Residential, Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial customers, during the Company peak Sales Month and (b) the volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month.
 - (a) "Company Peak Sales Month" is defined as the calendar month within which the Company experienced the System-Wide Peak Sales Day, such month being December, January or February preceding the Section 1307(f) Application Period for which the determination of the rate per Gas BDU is being made.
 - (b) "System-Wide Peak Sales Day" is defined as the day of maximum gas purchased by the Company, including all volumes of gas purchased from the Company throughout its entire system in the states of Pennsylvania and New York.
3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$0.6311BDU	(D)
---------------------------	-------------	-----

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

(I) Indicates Increase
(D) Indicates Decrease

Issued:

Effective:

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.2940 per Mcf, subject to revision as provided below: (D)

The current components of the rate are as follows:

Purchased Gas Commodity Costs, set forth in Rider "A"	\$2.7374/Mcf	(D)
Non Gas Costs	\$0.5566/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus
2. The amount of \$0.5566 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.8466 per Mcf, which includes \$.5566 for recovery of non-gas costs and \$0.2900 for recovery of purchased gas. (I)

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

SVIS
Small Volume Industrial Service Rate Schedule (Cont'd)

MONTHLY RATE

Basic Service Charge			
\$65.60	per Month		
Distribution Charges			
23.941¢	per 100 cubic feet		(I)
Gas Adjustment Charge			
(7.866¢)	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
<u>(0.018¢)</u>	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
(7.884¢)	per 100 cubic feet	Total Gas Adjustment Charge	(D)

For a period of 12 months starting when gas supply service hereunder is initiated to a former SATC, MMT or DMT customer by the Company, the rates for service under this rate schedule shall exclude the Gas Adjustment Charge. Former SATC, MMT or DMT customers will be charged during this 12 month period the DEDC factor as defined in Rider A to this tariff and as contained in the Distribution charges set forth above, as amended from time to time.

Natural Gas Supply Charge			
45.933¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
0.105¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
<u>1.050¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
47.088¢	per 100 cubic feet	Total Natural Gas Supply Charge	(D)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge.

APPLICATION PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

RULES AND REGULATIONS

The Rules and Regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(D) Indicates Decrease
(I) Indicates Increase

(C) Indicates Change

Issued:

Effective:

IVIS
INTERMEDIATE VOLUME INDUSTRIAL SERVICE RATE SCHEDULE (Cont'd)
MONTHLY RATE

Basic Service Charge
\$201.91 per Month

Distribution Charges

18.060¢	per 100 cubic feet	for the first 100,000 cubic feet	(I)
13.979¢	per 100 cubic feet	for the next 1,900,000 cubic feet	(I)
10.785¢	per 100 cubic feet	for all over 2,000,000 cubic feet	(I)

Gas Adjustment Charge

(7.866¢)	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
(0.018¢)	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
(7.884¢)	per 100 cubic feet	Total Gas Adjustment Charge	(D)

For a period of 12 months starting when gas supply service hereunder is initiated to a former SATC, MMT or DMT customer by the Company, the rates for service under this rate schedule shall exclude the Gas Adjustment Charge. Former SATC, MMT or DMT customers will be charged during this 12 month period the DEDC factor as defined in Rider A to this tariff and as contained in the Distribution charges set forth above, as amended from time to time.

Natural Gas Supply Charge

45.933¢	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
0.105¢	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
<u>1.050¢</u>	per 100 cubic feet	Gas Procurement Charge (Rider H)	
47.088¢	per 100 cubic feet	Total Natural Gas Supply Charge	(D)

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with the provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

APPLICATION PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

RULES AND REGULATIONS

The rules and regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(I) Indicates Increase
(D) Indicates Decrease

(C) Indicates Change

Issued:

Effective:

Industrial and Large Industrial customers, during the Company peak Sales Month defined in Rate Schedule CPA-LBS and (b) the volumes of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$0.6311/BDU	(D)
---------------------------	--------------	-----

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(I) Indicates Increase
(D) Indicates Decrease

Issued:

Effective:

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.5122 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$3.1182 per (D) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$2.7374/Mcf	(D)
Non Gas Costs	\$0.3808/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

- 1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

(I) Indicates Increase

(D) Indicates Decrease

Issued:

Effective:

2. The amount of \$0.3808 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.6708 per Mcf, which includes \$.3808 for recovery of non-gas costs and \$0.2900 for recovery of purchased gas.

(I)
(I)

V. SURCHARGE

The Demand Charges and the Commodity Charge for Sales Service and the Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. RULES AND REGULATIONS

The rules and regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

LVIS

Large Volume Industrial Service (Cont'd)

- C. An Industrial Customer, for which the Company estimates that the total volumes of gas purchased from the Company or transported by the Company during the next succeeding twelve months will be not less than 50,000 Mcf, if the Industrial Customer has used total volumes of gas in at least one billing month of not less than 4,167 Mcf, even if the Customer disagrees with the Company's estimate.
- D. An Industrial Customer for which the Company estimates that total volumes of gas to be used by the customer during the next succeeding twelve months will not be less than 50,000 Mcf of gas per year whether the gas is purchased by the Industrial Customer from the Company, delivered by the Company to the Industrial Customer, or obtained by the customer from another source.

An Industrial Customer that meets the above criteria under this rate schedule at the beginning of an Application Period is required to continue to be subject to this rate schedule during all months of such Application Period. An Industrial Customer that meets the above criteria under this rate schedule during an Application Period is required to continue to be subject to this rate schedule during all or remaining months of such Application Period.

MONTHLY RATE

Basic Service Charge			
\$809.00	per Month		
Distribution Charges			
13.580¢	per 100 cubic feet	for the first 100,000 cubic feet	(I)
11.762¢	per 100 cubic feet	for the next 1,900,000 cubic feet	(I)
9.674¢	per 100 cubic feet	for the next 18,000,000 cubic feet	(I)
8.302¢	per 100 cubic feet	for all over 20,000,000 cubic feet	(I)
Gas Adjustment Charge			
(7.866¢)	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
(0.018¢)	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
(7.884¢)	Per 100 cubic feet	Total Gas Adjustment Charge	(D)

For a period of 12 months starting when gas supply service hereunder is initiated to a former SATC, MMT or DMT customer by the Company, the rates for service under this rate schedule shall exclude the Gas Adjustment Charge. Former SATC, MMT or DMT customers will be charged during this 12 month period the DEDC factor as defined in Rider A to this tariff and as contained in the Distribution charges set forth above, as amended from time to time.

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

LVIS
Large Volume Industrial Service (Cont'd)

Natural Gas Supply Charge				
45.933¢	per 100 cubic feet	Purchased Gas Cost Component	(D)	
		(Rider A)		
0.105¢	per 100 cubic feet	Merchant Function Charge	(D)	
		(Rider G)		
<u>1.050¢</u>	per 100 cubic feet	Gas Procurement		
		Charge (Rider H)		
47.088¢	per 100 cubic feet	Total Natural Gas Supply	(D)	
	Charge			

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge.

RULES AND REGULATIONS

The Rules and Regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

APPLICABLE PERIOD

The Application Period shall be the twelve months beginning March 1 of each year.

(D) Indicates Decrease
(I) Indicates Increase

(C) Indicates Change

Issued:

Effective:

Commercial and Public Authority, Small Volume Industrial, Intermediate Volume Industrial, Large Volume Industrial and Large Industrial customers, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS and (b) the volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$0.6311/BDU	(D)
---------------------------	--------------	-----

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered qualifying load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered qualifying load balancing facilities that ended during on of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

2. Margin Demand Charge

- a. The rate per Margin BDU shall be \$.3182 per Margin BDU.
- b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$2.9847 per (D) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$2.7374/Mcf	(D)
Non Gas Costs	\$0.2473/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

- 1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

(D) Indicates Decrease

(I) Indicates Increase

Issued:

Effective:

2. The amount of \$0.2473 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.5373 per Mcf, which includes \$.2473 for recovery of non-gas costs (I) and \$0.2900 for recovery of purchased gas. (I)

V. SURCHARGE

The Demand Charges and the Commodity Charge for Sales Service and the Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. RULES AND REGULATIONS

The rules and regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

LIS

Large Industrial Service (Cont'd)

- C. An Industrial Customer, for which the Company estimates that the total volumes of gas purchased from the Company or transported by the Company during the next succeeding twelve months will be not less than 200,000 Mcf, if the Industrial Customer has used total volumes of gas in at least one billing month of not less than 17,000 Mcf, even if the Customer disagrees with the Company's estimate.

An Industrial Customer that meets the above criteria under this rate schedule at the beginning of an Application Period is required to continue to be subject to this rate schedule during all months of such Application Period. An Industrial Customer that meets the above criteria under this rate schedule during an Application Period is required to continue to be subject to this rate schedule during all or remaining months of such Application Period.

MONTHLY RATE

Basic Service Charge

\$1,029.00 per Month

Distribution Charges

11.271¢	per 100 cubic feet for the first 100,000 cubic feet	(I)
9.471¢	per 100 cubic feet for the next 1,900,000 cubic feet	(I)
7.402¢	per 100 cubic feet for the next 18,000,000 cubic feet	(I)
6.044¢	per 100 cubic feet for all over 20,000,000 cubic feet	(I)

Gas Adjustment Charge

(7.866¢)	per 100 cubic feet	Purchased Gas Cost Component (Rider A)	(D)
(0.018¢)	per 100 cubic feet	Merchant Function Charge (Rider G)	(D)
(7.884¢)	per 100 cubic feet	Total Gas Adjustment Charge	(D)

For a period of 12 months starting when gas supply service hereunder is initiated to a former SATC, MMT or DMT customer by the Company, the rates for service under this rate schedule shall exclude the Gas Adjustment Charge. Former SATC, MMT or DMT customers will be charged during this 12 month period the DEDC factor as defined in Rider A to this tariff and as contained in the Distribution charges set forth above, as amended from time to time.

(I) Indicates Increase
(D) Indicates Decrease

(C) Indicates Change

Issued:

Effective:

LIS
Large Industrial Service (Cont'd)

Natural Gas Supply Charge			
45.933¢ per 100 cubic feet	Purchased Gas Cost Component	(D)	
	(Rider A)		
0.105¢ per 100 cubic feet	Merchant Function Charge	(D)	
	(Rider G)		
<u>1.050¢</u> per 100 cubic feet	Gas Procurement Charge (Rider H)		
47.088¢ per 100 cubic feet	Total Natural Gas Supply Charge	(D)	

The Natural Gas Supply Charge shall include a Merchant Function Charge (Rider G) to recover uncollectible costs associated with purchase gas costs of 0.2285% and the Gas Procurement Charge (Rider H) to recover costs of procuring natural gas pursuant to 52 Pa. Code §62.223.

The above rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge.

GAS SHORTAGE CURTAILMENT

Service under this schedule to an LIS Industrial Customer is subject to curtailment and excess consumption penalty as set forth in Rule 26 of this tariff.

RULES AND REGULATIONS

The rules and regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(D) Indicates Decrease
(I) Indicates Increase

(C) Indicates Change

Issued:

Effective:

LBS and (b) volume of service (expressed in Mcf) to all customers under the "Monthly Volume" provisions of Rate Schedule SB, during the Company Peak Sales Month defined in Rate Schedule CPA-LBS.

3. The amount determined in Item 1 above shall be divided by the amount determined in Item 2 above to determine the amount included in the rate for recovery of purchased gas costs.
4. The rate per Gas BDU shall be the amount for purchased gas demand costs (Item 3).

The current rate per Gas BDU is as follows:

Purchased Gas Demand Cost	\$0.6311/BDU	(D)
---------------------------	--------------	-----

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made, under Items 1, 2 and 3, above, of the component to be included in the rate for purchased gas demand costs and the rate per Gas BDU shall be changed accordingly.

b. Determination of Customer's Gas BDUs

The Customer's Gas BDUs shall be determined as follows: The actual volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Gas BDUs applicable to Customer shall be zero (0).

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

2. Margin Demand Charge

a. The rate per Margin BDU shall be \$.2517 per Margin BDU.

b. Determination of Customer's Margin BDUs

The Customer's Margin BDUs shall be determined as follows: The actual deliveries of gas to the Customer by Company, including not only volumes of gas purchased by the Customer from the Company and used by the Customer in the separately-metered load balancing facilities but also volumes of Customer-owned gas transported to the Customer's load balancing facilities through the Company's facilities, during such Customer's Peak billing Cycle, as defined hereinafter, shall be multiplied by a fraction. The numerator shall be the number 30. The denominator shall be the number of days of service for which such Customer was billed in such Customer's Peak Billing Cycle.

The Customer's Peak Billing Cycle shall be the single billing cycle of maximum delivery to the Customer's separately-metered load balancing facilities that ended during one of the months of December, January, February and March during the period beginning with the most recently-completed billing cycle ended in December and ending with the current billing cycle.

If the customer used no gas under this rate schedule during the most recently concluded billing cycles ended in December, January, February or March, then the level of Margin BDUs applicable to Customer shall be zero (0).

B. COMMODITY CHARGES FOR SALES AND FOR TRANSPORTATION SERVICE

1. Commodity Charge for Sales Service

The monthly Commodity Charge for Sales Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas sold to the Customer by the Company during the applicable billing cycle.

The rate per Mcf shall be determined as follows and shall be \$2.9298 per (D) Mcf, subject to revision as provided below:

The current components of the rate are as follows:

Purchased Gas Commodity		
Costs, set forth in Rider "A"	\$2.7374/Mcf	(D)
Non Gas Costs	\$0.1924/Mcf	

a. Determination of Rate per Mcf

The rate per Mcf shall be the sum of:

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

1. The net amount per Mcf for recovery of the commodity component of purchased gas costs and for recovery or refund of "E" factor amounts, the "PGCC", as determined in Rider "A" - Section 1307(f) Purchased Gas Costs of this tariff; plus

2. The amount of \$.1924 per Mcf for recovery of non-gas costs.

Each time there is a change in the provision for recovery of purchased gas costs pursuant to Rider "A" of this tariff, a recomputation shall be made of the commodity component of purchased gas costs (Item 1, above) and the rate per Mcf shall be changed accordingly. The component included in the rate for recovery of non-gas costs shall remain constant until changed in accordance with a procedure, other than a proceeding pursuant to Section 1307(f) of the Public Utility Code, 66 Pa.C.S. Section 1307(f).

2. Commodity Charge for Transportation Service

The monthly Commodity Charge for Transportation Service shall be the product of multiplying the rate per Mcf, determined as provided below, by the volume of gas transported by the Company to the Customer's load balancing facilities.

The rate per Mcf for transportation of gas under this rate schedule shall be \$0.4824 per Mcf, which includes \$.1924 for recovery of non-gas costs (I) and \$0.2900 for recovery of purchased gas. (I)

V. SURCHARGE

The Demand Charges and the Commodity Charge for Sales Service and the Commodity Charge for Transportation Service shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - Section 1307(f) Purchased Gas Costs.

VII. SPECIAL PROVISIONS

Monthly metered Special Provisions A through J contained in the Company's Rate Schedule for Transportation Service shall apply to transportation service under this rate schedule.

VIII. RULES AND REGULATIONS

The rules and regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(I) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

RATE SCHEDULE - NGV

NATURAL GAS VEHICLE SERVICE

I. APPLICABILITY

Throughout the territory served under this tariff.

II. AVAILABILITY

Sales Service under this rate schedule is available for use of natural gas by a customer directly in a natural gas motor vehicle ("NGV").

III. NATURE OF SERVICE

Service provided in this rate schedule shall be firm service subject to the curtailment priorities of Rule 26. For curtailment purposes, service under this rate schedule shall be defined as curtailment priority number (6), firm large noncritical commercial and industrial requirements other than requirement for boiler fuel use.

IV. RATE

Rates per 100 cu. Ft. shall be established by the Company on the first day of each calendar month for each of the categories set forth below to compete with alternative vehicle fuels. The rates shall not be less than the 100% load factor base cost of gas, plus the take-or-pay surcharge, plus the surcharge for Transition Cost, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any, plus \$0.01 per cu. ft., plus the state tax adjustment surcharge, and not more than the tailblock rate of the Commercial and Public Authority Service Rate Schedule, including all applicable surcharges, plus the incremental operating cost incurred by the Company for operating Company owned NGV compression equipment on a per Ccf basis, if any.

The 100% load factor base cost of gas shall be \$0.33685 per 100 cu. ft. (D)
(as calculated by adding the purchase gas components of the Load Balancing Service Rates).

Purchased Gas 100% Load Factor Demand Cost	\$0.06311/Ccf	(D)
plus		
Purchased Gas Commodity Cost	<u>\$0.27374/Ccf</u>	(D)
Equals		
100% Load Factor Base Cost of Gas	\$0.33685/Ccf	(D)

The incremental operating cost for compression shall be \$0.13436/Ccf.

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

Natural gas vehicle customers are classified into the following categories:

NGV(1) All natural gas vehicle customers utilizing Company owned filling facilities. A uniform rate shall be established each month within the parameters set forth above, for customers utilizing Company-owned filling facilities.

The minimum NGV(1) rate shall be: \$0.47967/Ccf (D)

The current components of the minimum NGV(1) rate are as follows:

100% load factor base cost of gas:	\$0.33685/Ccf	(D)
Incremental operating cost of Company owned NGV compression equipment:	\$0.13436/Ccf	
Transition Cost Surcharge	\$0.00000/Ccf	
State Tax Adjustment Surcharge	(\$0.00154)/Ccf	(I)
Minimum allowable Non-Gas cost	\$0.01000/Ccf	

The maximum NGV(1) rate shall be: \$0.67349/Ccf (D)

The current components of the maximum NGV(1) rate are as follows:

Tailblock rate of the Commercial and Public Authority Service Rate schedule:	\$0.54129/Ccf	(D)
Incremental operating cost of Company owned NGV compression equipment:	\$0.13436/Ccf	
State Tax Adjustment Surcharge	(\$0.00216)/Ccf	(I)

NGV(2) Natural gas vehicle customers utilizing customer owned filling facilities. A uniform rate will be established each month within the parameters set forth above, to customers utilizing customer owned filling facilities.

The minimum NGV(2) rate shall be: \$0.34574/Ccf (D)

The current components of the minimum NGV(2) rate are as follows:

100% load factor base cost of gas:	\$0.33685/Ccf	(D)
Transition Cost Surcharge	\$0.00000/Ccf	
State Tax Adjustment Surcharge	(\$0.00111)/Ccf	(I)
Minimum allowable Non-Gas cost	\$0.01000/Ccf	

The maximum NGV(2) rate shall be: \$0.53956/Ccf (D)

(I) Indicates Increase
(D) Indicates Decrease

The current components of the maximum NGV(2) rate are as follows:

Tailblock rate of the Commercial and Public Authority Service Rate schedule:	\$0.54129/Ccf	(D)
State Tax Adjustment Surcharge	(\$0.00173)/Ccf	(I)

V. SURCHARGE

All charges under this rate schedule will be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge as set forth in this tariff.

VI. AMOUNTS TO BE INCLUDED IN OVER/UNDERCOLLECTION OF GAS COSTS

Purchased gas cost revenues billed under this rate schedule shall be included as revenues for recovery of gas costs for purposes of computing Factor "E" of Company's 1307(f) rate in accordance with procedures set forth in Rider "A" - section 1307(f) Purchased Gas Costs. Purchased gas cost revenues recovered under this rate schedule shall be the 100% load factor base cost of gas as defined above.

VII. RULES AND REGULATIONS

The rules and regulations set forth in this tariff shall govern, where applicable, the supply of gas service under this rate schedule.

(I) Indicates Increase
(D) Indicates Decrease

Issued:

Effective:

RATE SCHEDULE PSB

PRIORITY STANDBY SERVICE

APPLICABILITY

Throughout the territory served under this tariff.

AVAILABILITY OF SERVICE

Service under this rate schedule is available to all customers under the Residential, Commercial and Public Authority, and SVIS Rate Schedules which enter into a contract for service under this Rate Schedule. A customer will be permitted to enter into a contract, prepared by the Company, for service under this rate schedule, however, only if the Company projects that sufficient volumes of gas will be available to the Company during the period of the customer's contract for Priority Standby Service.

Service under this rate schedule is mandatory for all customers categorized as Priority 1 under the curtailment priorities of Rule 26 who enter into contracts with the Company to receive Transportation Service and who do not have dual or alternate fuel equipment on site which is installed and operable with sufficient amounts of alternate fuel available on site during each winter period of each year commencing on December 1 and ending on March 31 of the following year. Service under this rate schedule is voluntary for all other customers.

NATURE OF SERVICE

Priority standby service shall permit the customer to purchase gas on a firm basis subject to curtailment priorities of Rule 26. The Company will take all reasonable steps to obtain or to maintain gas supplies sufficient to enable the Company to provide reasonably continuous service to each Customer receiving Priority Standby Service.

MONTHLY RATE

The monthly rate shall be \$1.2016 per Mcf, which shall be applied to the total monthly volumes transported by the customer during the month. (D)

The rate shall equal the PGDC portion of the commodity rate applicable to the corresponding sales rate classification.

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

MONTHLY RATE

The monthly rate shall be \$0.5690 per Mcf, which shall be applied to the (D) Monthly Volume, as defined below.

MONTHLY VOLUME

The Mcf volume of gas to which the Monthly Rate set forth above shall be applied, shall be determined for each billing cycle, as set forth below;

1. The volume of gas specified in the Service Agreement under this rate schedule shall be adjusted for each billing cycle by, multiplying such volume, expressed in Mcf, by a fraction. The numerator of the fraction shall be the number of days in the billing cycle applicable to the customer and the denominator shall be thirty (30).
2. If the volume determined under item 1, above, is greater than the sum of the Mcf volume of gas purchased by the customer under rate schedules other than load balancing rate schedules during the billing cycle, the Monthly Rate shall be applied to the difference between: (a) the volume determined under item 1, above, and (b) the Mcf volume of gas purchased by the customer under the rate schedules other than load balancing rate schedules during such billing cycle.
3. If the volume determined under item 1, above, is equal to or less than the Mcf volume of gas purchased by the customer under rate schedules other than load balancing rate schedules during the billing cycle, then the Monthly Volume shall be zero (0) Mcf.

(D) Indicates Decrease

(I) Indicates Increase

Issued:

Effective:

RATE SCHEDULE FOR MONTHLY METERED TRANSPORTATION SCHEDULE (cont'd)

MONTHLY RATES

Commodity Rates

The commodity rates set forth below contain a component, presently \$0.2900 (I)
per Mcf, for recovery of purchased gas costs.

For transportation of gas to Residential Customers, the monthly rate for
transportation of gas both within and outside the Commonwealth of
Pennsylvania shall be:

\$3.0698 Mcf (I)

For transportation of gas to Commercial and Public Authority Customers,
the monthly rate for transportation of gas produced within the
Commonwealth of Pennsylvania shall be:

\$2.9272 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year

\$2.2641 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year

\$1.7762 per Mcf for Large Commercial/Public Authority (I)

For transportation of gas to Commercial and Public Authority Customers,
the monthly rate for transportation of gas produced outside the
Commonwealth of Pennsylvania shall be:

\$2.9272 per Mcf for Small Commercial/Public Authority using not more (I)
than 250 Mcf per year

\$2.2641 per Mcf for Small Commercial/Public Authority using greater (I)
than 250 Mcf but not more than 1,000 Mcf per year

\$1.7762 per Mcf for Large Commercial/Public Authority (I)

For transportation of gas to Small Volume Industrial Customers, the
monthly rate for transportation of gas produced within the Commonwealth of
Pennsylvania shall be:

\$2.5397 per Mcf for SVIS Customers (I)

For transportation of gas to Small Volume Industrial Customers, the
monthly rate for transportation of gas produced outside the Commonwealth
of Pennsylvania shall be:

\$2.5397 per Mcf for SVIS Customers (I)

(I) Indicates Increase
(D) Indicates Decrease

(C) Indicates Change

Issued:

Effective:

RATE SCHEDULE FOR MONTHLY METERED TRANSPORTATION SCHEDULE (cont'd)

For transportation of gas to Intermediate Volume Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:
\$1.3960 per Mcf for IVIS Customers (I)

For transportation of gas to Intermediate Volume Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:
\$1.3960 per Mcf for IVIS Customers (I)

For transportation of gas to Large Volume Industrial Customers and any entity that is not a Gas Service Customer, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:
\$1.1329 per Mcf (I)

For transportation of gas to Large Volume Industrial Customers and any entity that is not a Gas Service Customer, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:
\$1.1329 per Mcf (I)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced within the Commonwealth of Pennsylvania shall be:
\$0.7809 per Mcf (I)

For transportation of gas to Large Industrial Customers, the monthly rate for transportation of gas produced outside the Commonwealth of Pennsylvania shall be:
\$0.7809 per Mcf (I)

Provided, however, that the Company, in its sole discretion, may reduce by contract the portion of the above rates applicable to the Customer that are for recovery of gas or the portion of the rate for recovery of non-gas costs of service if it is reasonably necessary to do so to meet competition from another supplier of energy including gas from another supplier of gas that has constructed, or could construct, facilities to deliver supplies of gas to a MMT Customer of the Company without use of the Company's facilities or another transportation of gas. The Company may also reduce or eliminate the compensation for line losses provided for in Special Provisions paragraph B of this rate schedule in order to meet the competitive circumstances for alternate fuels or bypass situations cited above excluding competition from other Pennsylvania local distribution companies. The Company will reduce the applicable rate only if:

- (a) Either (1) the MMT Customer has facilities in place and operable to use an alternative fuel or obtain gas from an alternative supplier or (2) in the Company's judgment, such facilities would be constructed;

(I) Indicates Increase
(D) Indicates Decrease

(C) Indicates Change

Issued:

Effective:

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the MMT Customer must sell to the Company all or a portion of the MMT Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is \$4.9092. (D)

F. If for any reason (including the default of an MMNGS Supplier), the MMNGS Supplier fails to provide sufficient daily deliveries of natural gas supplies to meet the MMT Customers DDQ pursuant to the terms of MMNGS supply service, and/or MMT Customer's MMNGS Supplier does not provide complete compensation to the Company for services provided under Rate Schedule MMNGS, Special Provision D.3, the Company shall charge the MMT Customer for the deficient daily deliveries under the applicable gas sales rate schedule plus applicable surcharge as set forth in Rate Schedule SB Special Provisions.

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMT Service Customer must sell to the Company all or a portion of the DMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate, which is \$4.9092. (D)

F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMT service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally produced gas during the month when excess deliveries were received by the Company. The cost at which the DMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMT Service Customer will be required to furnish to the Company the DMT service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont'd)

RATES AND CHARGES

A. Customer Transportation Service Rates

The Company will provide transportation services to deliver gas supplies to the SATC Customer(s). The Customer shall be billed the charges for the transportation services rendered for it at the appropriate charges provided herein for which service the SATC Customer qualifies.

The SATC Customer shall pay the following transportation charges for the transportation of gas. The commodity rates set forth below contain a component, presently \$0.02614 per Ccf, for the recovery of purchased gas demand costs and shall be adjusted pursuant to Rider A of the tariff. Such purchased gas costs collected though these rates shall be included as revenues for the recovery of purchased gas costs as specified in Rider A of this tariff. (I)

(I) Indicates Increase

(D) Indicates Decrease

Issued:

Effective:

RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont.)

1. Residential Transportation Rates

SATC Customers that meet the qualifications under the Residential Service Rate Schedule classification:

Rates per Residential SATC Customer per Month:

\$12.00	Basic Service Charge	
\$0.35605	per 100 cubic feet for the first 5,000 cubic feet	(I)
\$0.25247	per 100 cubic feet for all over 5,000 cubic feet	(I)

2. Commercial and Public Authority Transportation Rates

SATC Customers that meet the qualifications under the Commercial and Public Authority Service Rate Schedule classification:

a. Rates per Commercial/Public Authority customer per month for "Small" Commercial/Public Customers using not more than 250,000 cubic feet per year:

\$19.89	Basic Service Charge	
\$0.29524	per 100 cubic feet for the first 5,000 cubic feet	(I)
\$0.26266	per 100 cubic feet for all over 5,000 cubic feet	(I)

b. Rates per Commercial/Public Authority customer per month for "Small" Commercial/Public Customers using greater than 250,000 cubic feet but not more than 1,000,000 cubic feet per year:

\$27.53	Basic Service Charge	
\$0.22037	per 100 cubic feet for the first 20,000 cubic feet	(I)
\$0.20673	per 100 cubic feet for all over 20,000 cubic feet	(I)

c. Rates per Commercial/Public Authority customer per month for "Large" Commercial/Public Customers:

\$121.01	Basic Service Charge	
\$0.18301	per 100 cubic feet for the first 300,000 cubic feet	(I)
\$0.17109	per 100 cubic feet for the next 1,700,000 cubic feet	(I)
\$0.14925	per 100 cubic feet for all over 2,000,000 cubic feet	(I)

(I) Indicates Increase

(D) Indicates Decrease

Issued:

Effective:

RATE SCHEDULE SATC
SMALL AGGREGATION TRANSPORTATION CUSTOMER SERVICE (Cont.)

3. Small Volume Industrial Service Transportation Rates

SATC Customers that meet the qualifications under the Small Volume Industrial Service Rate Schedule classification:

Rates per Small Volume Industrial Service SATC Customer per Month:

\$65.60 Basic Service Charge
\$0.23941 per 100 cubic feet (I)

4. Intermediate Volume Industrial Service Transportation Rates

SATC Customers that meet the qualifications under the Intermediate Volume Industrial Service Rate Schedule classification:

Rates per Intermediate Volume Industrial Service SATC Customer per Month:

\$201.91 Basic Service Charge
\$0.18060 per 100 cubic feet for the first 100,000 cubic feet (I)
\$0.13979 per 100 cubic feet for the next 1,900,000 cubic feet (I)
\$0.10785 per 100 cubic feet for all over 2,000,000 cubic feet (I)

B. Miscellaneous Customer Surcharges

1. Gas Adjustment Charges

For a period of 12 months starting when service hereunder is rendered to the SATC Customer by the SATS Suppliers, the rates for transportation services under this service classification shall include an amount per 100 cubic feet equal to the sum of the Gas Adjustment Charge included in the currently applicable Purchased Gas rate as specified in Rider A plus the applicable Merchant Function Charge ("MFC") as specified in Rider G, both of this tariff and as adjusted from time to time.

2. Transition costs associated with FERC Order No. 636.

The rates for service rendered pursuant to the service classification shall be subject to a monthly transition cost surcharge as described in Rider D to this tariff.

3. Residential rates shall be subject to surcharges in accordance with Rider F - LIRA Discount Charge as set forth in this tariff.

4. The above SATC rates shall be subject to surcharges in accordance with provisions of Rider B - State Tax Adjustment Surcharge.

(I) Indicates Increase

(D) Indicates Decrease

Issued:

Effective:

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

c. Additional Assignments of ESS Storage Capacity

Approximately fifteen days prior to the close of nominations for each month, the Company will recalculate the quantity of storage capacity released to match the SATS Supplier's revised winter requirements based on the number of SATC Customers aggregated by the Supplier. If additional SATC Customers join a SATS Supplier's SATC Customer Group, the Company will release additional capacity as required, based on the percentage set forth at C.1.a. above. In addition, the SATS Supplier will be required to pay the Company for storage gas transferred and all taxes and pipeline fees associated with moving or transferring the storage gas to the Supplier. The storage gas transfer rate shall be the sum of (1) the higher of the Company's average cost of gas based upon the Company's Section 1307f rate, or the DMI for the first day of month in which gas is transferred plus all transportation costs to the Company's City Gate, plus (2) the demand Transfer Recovery Rate ("DTR Rate"). The DTR rate shall equal the per Mcf System Average Unrecovered Demand Charge revenue beginning in the month of April through the initial month that storage capacity is released to the Supplier. The System Average Unrecovered demand Charge Revenue shall equal the sum of the differences between the average demand charge revenues and the average fixed demand costs beginning the month of April through the initial month that storage capacity is released to the Supplier.

The DTR by month shall be as follows:

Capacity Transfer Month	DTR \$/Mcf	
April	\$0.00	
May	\$0.00	
June	\$0.00	
July	\$0.00	
August	\$0.00	
September	\$0.00	
October	\$0.00	
November	\$0.13	(D)
December	\$0.31	(D)
January	\$0.20	(D)
February	\$0.00	(D)
March	\$0.00	

(I) Indicates Increase
(D) Indicates Decrease

Issued:

Effective:

RATE SCHEDULE SATS
SMALL AGGREGATION TRANSPORTATION SUPPLIER SERVICE (Cont.)

2. Released Transmission Capacity Not Included in SATC
Transportation Rates

41% of extreme peak day requirements is to be provided by the release of pipeline capacity upstream of NFGSC and the release of associated EFT transportation capacity on NFGSC which is not included in transportation rates. All such capacity shall be released to SATS Suppliers, and SATS Suppliers shall take such released capacity, at the maximum rate under the pipeline's FERC gas tariff. The actual pipeline capacity path upstream of NFGSC to be released to the Supplier by the Company shall be designated by the Company from its available capacity. The Company will attempt to accommodate a Supplier's request for particular capacity on a first-come first-serve basis. (I)

As an alternative to the above, the Company may designate an alternative capacity path(s) from its available capacity. The capacity release rate for the pipeline capacity path released to the Supplier shall be \$10,1388/Dth which equals the weighted average demand cost of upstream capacity, however, capacity released on NFGSC will be released at the maximum rate under NFGSC's FERC gas tariff. The Company will post a listing of the alternative capacity path(s) designated, including the associated quantity of capacity, on its web site. (D)

For capacity termination notices, prior to the termination notice date of any capacity contract in this Section C.2., the Company will issue a request for proposals to qualified Suppliers under this tariff to determine if the Company should terminate, renew, or replace such contract, in whole or in part. The Company will terminate a proportionate share of the capacity contract if: (1) Suppliers demonstrate that they will provide comparable firm capacity to serve the Company's core customers, (2) the Suppliers agree to assign such comparable capacity at the contracted price to the Company upon Company request if such capacity is required to meet supply requirements of SATC Customers due to the termination of the SATS Supplier pursuant to Section H.1. or if the Supplier has reduced the level of delivery requirements from the previous periods requirements, and 3) the Commission approves such comparable capacity. Comparable capacity must have firm rights for at least the seven (7) winter months, and such capacity must have primary delivery rights into available primary receipt rights on NFGSC held by the Company. Comparable capacity must have firm capacity rights sufficient in volume and duration (with renewal rights) to serve the customers to be served by the SATS Supplier. The Company will post a listing of capacity contracts, including the associated quantity of capacity, that it determines to be of critical status on its web site.

(I) Indicates Increase

(D) Indicates Decrease

Issued:

Effective:

SPECIAL PROVISIONS

A. The volume of gas delivered into the Company's distribution system, on any day in behalf of Transportation Service Customers for transportation service pursuant to this Rate Schedule, shall be determined by meters and as provided in B, below, at the delivery points specified in the Service Agreement or to another point or points acceptable to the Company.

If any such point of delivery is also a point at which the Company buys or exchanges gas for the Company's own account through the same meter, the volume of gas delivered into the Company's distribution system, in behalf of Transportation Service Customers for transportation service, shall be deemed to be the volume scheduled by the Company and such Customers to be delivered in behalf of such Customers, at such point on such day, determined after the adjustment provided in B, below, but shall not be more than the total amount actually delivered, determined after the adjustment provided in B below, through such meter into the Company's distribution system at such point on such day.

B. To compensate for line losses, the volume of gas delivered into the Company's distribution system, shall be determined for purposes of this Rate Schedule. To be equal to the lesser of 99.5% or the rate as set forth in (C) Rate Schedule DMT Special Provisions B, Page No. 116, of the amount indicated by a meter at the point of delivery into the Company's distribution system; provided however, that, where the only Company facilities involved in transporting gas to the Gas Service Customer are meters, meter installations, house regulators, house regulator installations and industrial measuring and regulating station equipment, no amount shall be deducted as compensation for line losses.

C. Service under this Rate Schedule may be interrupted during periods of supply shortages but only based upon the schedule of priority of curtailment set forth in section 26 of the Rules and Regulations of this tariff.

D. Transportation service under this Rate Schedule may be interrupted or curtailed whenever, in the event of a sudden and unforeseen supply deficiency, the Company invokes emergency curtailment provisions under Tariff Rule 26.

(C) Indicates Change

Issued:

Effective:

E. In the event of interruption or curtailment of transportation service, pursuant to items C and D, above, and during such period of interruption or curtailment, the DMLMT Service customer must sell to the Company all or a portion of the DMLMT Service Customer's supply of gas at the higher of (1) the Transportation Service Customer's cost of purchased gas at the point of delivery to the Company or (2) the Company's average cost of purchased gas per Mcf, as determined based upon the Company's Section 1307(f) Rate which is \$4.9092.

(D)

F. If a Gas Service Customer receiving gas transported by the Company uses less than the amount of gas delivered into the Company's system for transportation to such Customer ("excess deliveries"), the Gas Service Customer receiving gas transported by the Company may use such gas during the banking/balancing period defined below, following which the Company shall have the right, but not the obligation, to purchase remaining excess deliveries of gas from the DMLMT Service Customer at a rate equal to the lowest of (1) the cost at which it was acquired by the DMLMT Service Customer, including pipeline transportation charges, or (2) the Company's average commodity delivered cost of gas to National Fuel Gas Supply Corporation, or (3) the Company's average commodity cost of locally-produced gas during the month when excess deliveries were received by the Company. The cost at which the DMLMT Service Customer acquired the gas will be determined from such Customer's contract with the supplier or by a sworn affidavit setting forth the Customer's cost of gas, including cost of delivery of such gas to the Company's system. Upon request by the Company, the DMLMT service Customer will be required to furnish to the Company the DMLMT Service Customer's choice of (1) a copy of this contract or (2) an affidavit. The banking/balancing period shall be the three billing months after the billing month in which the Company received excess deliveries in behalf of the Customer.

G. "Underdeliveries" are volumes of gas taken from the Company by a Gas Service Customer in excess of the sum of (1) any excess deliveries of the customer at the beginning of the day and (2) the volume of gas delivered to the Company for the customer's account, after adjustment for line losses less volumes of gas determined to be sales by the Company to the customer. Cumulative underdeliveries, as determined each day, in excess of two percent of the volume of gas delivered by the Company to the customer that day, shall be a sale of gas by the Company to the customer under the applicable rate schedule plus applicable surcharges as set forth in Rate Schedule SB Special Provisions and shall not be recharacterized as transportation service under any circumstances. Cumulative underdeliveries of not more than two percent of the volume of gas delivered to a customer by the Company on any day may be offset by volumes of gas delivered to the Company for the customer's account, after adjustment for line losses, in excess of the volume of gas taken by the customer from the Company on subsequent days within the same billing month.

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

RIDER A
SECTION 1307(F) PURCHASED GAS COSTS
PROVISION FOR RECOVERY OF PURCHASED GAS COSTS

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Low Income Residential Assistance Service, Commercial and Public Authority, Commercial and Public Authority Load Balancing Service ("LBS"), Small Volume Industrial, Intermediate Volume Industrial, Intermediate Volume Industrial LBS, Large Industrial, Large Industrial LBS, Large Volume Industrial, Large Volume Industrial LBS and Natural Gas Vehicle Service rate schedules of this tariff, shall include \$2.7374 per Mcf for recovery of purchased gas commodity costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (D)

Rates for each Mcf (1,000 cubic feet) of gas supplied under Residential, Commercial and Public Authority, Small Volume Industrial Service, Intermediate Volume Industrial, Large Volume Industrial Service, Large Industrial Service and Standby Service rate schedules of this tariff, shall include \$1.0693 per Mcf for recovery of purchased gas demand costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. (D)

Rates for each Mcf (1,000 cubic feet) of gas transported under the Small Aggregation Transportation Customer Rate Schedule shall include \$0.2614 per Mcf for the recovery of purchased gas demand costs. (I)

Such rates for gas service shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of purchased gas costs.

The amounts per Mcf for recovery of purchased gas costs (commodity and demand) included in rates under each rate schedule of the tariff are as follows:

	Distribution		Gas Adjustment	Natural Gas	
	Total	Charges	Charge	Supply Charge	
Residential	\$4.0681	\$0.2614	(\$0.7866)	\$4.5933	(D)
Low Income Residential Assistance Service	\$4.0681	\$0.2614	(\$0.7866)	\$4.5933	(D)
Commercial/Public Authority	\$4.0681	\$0.2614	(\$0.7866)	\$4.5933	(D)
Small Volume Industrial	\$4.0681	\$0.2614	(\$0.7866)	\$4.5933	(D)
Intermediate Volume Industrial	\$4.0681	\$0.2614	(\$0.7866)	\$4.5933	(D)
Large Volume Industrial	\$4.0681	\$0.2614	(\$0.7866)	\$4.5933	(D)
Large Industrial	\$4.0681	\$0.2614	(\$0.7866)	\$4.5933	(D)
Standby	\$0.5690				(D)
Priority Standby	\$1.2016				(D)
Small Aggregation Transportation Customer Rate Schedule	\$0.2614	\$0.2614			(I)

(I) Indicates Increase
(D) Indicates Decrease

Issued:

Effective:

RIDER B

STATE TAX ADJUSTMENT SURCHARGE

In addition to the charges provided in this tariff, a surcharge of (0.32%) will apply to all charges for service rendered on or after August 1, 2015. (I)

The above surcharge will be recomputed using the same elements prescribed by the Commission.

- a. Whenever any of the tax rates used in calculation of the surcharge are changed;
- b. Whenever the utility makes effective any increased or decreased rates, and
- c. On March 31, 1971, and each year thereafter.

The above recalculation will be submitted to the Commission within ten (10) days after the occurrence of the event or date which occasions such recomputation; and, if the recomputed surcharge is less than the one in effect, the Company will, and if the recomputed surcharge is more than the one then in effect, the Company may submit with such recomputation a tariff or supplement to reflect such recomputed surcharge, the effective date of which shall be ten (10) days after filing.

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

RIDER F
LIRA DISCOUNT CHARGE

CURRENT LIRA RATE DISCOUNT

Effective April 1, 2002, a charge will be included in the rates subject to this Rider to provide for recovery of costs of the projected LIRA rate discounts for the upcoming 12 months.

Such charge shall be updated quarterly and effective each February 1, May 1, August 1, and November 1 of the year. The charge will also be updated whenever there is a change to the Residential Sales Service Rate Customer Charge, Distribution Charge, Natural Gas Supply Charge, or Gas Adjustment Charge.

APPLICABILITY

In addition to the charges provided in this tariff, a charge calculated in the manner explained below shall be added to the otherwise applicable charge for each Mcf of sales and transportation volumes delivered by the Company to customers receiving service under the Residential Sales Service Rate Schedule and the Residential rates of the SATC, MMT, and DMT transportation rate schedules.

CALCULATION OF RATE

The charge will be recalculated as specified above.

The charge shall be equal to the total annual projected discounts for LIRA customers for the upcoming 12 month period divided by the annual normalized throughput volumes of the qualified rate classes. The total annual projected discounts for the LIRA customers for the upcoming 12 month period shall equal the sum of the individual monthly total projected discounts for LIRA customers for the upcoming 12 months. The total monthly projected discounts for LIRA customers shall equal the residential bill for the average LIRA customer consumption for the month multiplied by the average discount percentage for LIRA service multiplied by the projected number of LIRA customers for the month.

The currently effective charge for the current LIRA Rate Discount to be included in rates is \$0.0335/Mcf.

(D)

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

RIDER F
LIRA DISCOUNT CHARGE

CAP FUNDING RECONCILIATION CHARGE (con't)
CALCULATION OF RECONCILIATION COMPONENT OF RATE (con't)

The charge associated with the incremental customer credit will contain the following calculation:

Effective February 1, 2009 and thereafter, an annual credit of \$35 per customer will be provided associated with the LIRA incremental customers. The credit will be based on the average number of LIRA customers billed during the previous fiscal period (October - September) less 11,411. The annual credit will continue until new base rates become effective as a result of a general rate proceeding. If the average number of LIRA customers billed during the previous fiscal period is 11,411 or less, the credit will be \$0.

The CAP Funding Reconciliation Charge will be the summation of the charges calculated above divided by the projected February 1 through January 31 volumes.

CAP Funding Reconciliation Charge Calculation			
	LIRA Rate Discount	\$ (116,549)	(I)
+	LIRA Program Costs	\$91,933	(I)
+	LIRA Forgiven Pre-Program Arrearages	\$ (477,562)	(D)
+	LIRA Incremental Customer Credit	\$0	(I)
Equals	Total	\$ (502,178)	(I)
Divided by	Projected Feb - Jan Volumes	16,831,506 Mcf	(I)
	Cap Funding Reconciliation Charge / Mcf	\$ (0.0298) / Mcf	(I)

ADJUSTMENT FOR OVER / UNDER RECOVERY OF PRIOR PERIOD CHARGE

The filing to be effective February 1, 2010 and every February 1 thereafter shall include a levelized rate for over/under collections for the prior (12) month period by comparing projected revenues under this Rider to actual revenue amounts experienced. The annual reconciliation shall be based upon actual revenues through December 31 and estimated revenues for January. Estimates for January shall be included in the following reconciliation period. The rate will be designed to recover or refund the applicable under or over recovery over the twelve (12) month period beginning February.

RIDER F LIRA Discount Charge Component		\$/Mcf	
	Current LIRA Rate Discount	\$0.0574	(D)
	Cap Funding Reconciliation Charge	\$ (0.0298)	
	Adjustment for Over/Under Recovery of Prior Period Charge	\$0.0059	
	Total RIDER F	\$0.0335	(D)

The currently effective charge to be included in rates is \$0.0335/Mcf. (D)

(D) Indicates Decrease
(I) Indicates Increase

Issued:

Effective:

Rider G
Merchant Function Charge (MFC) Rider

Applicability:

The Merchant Function Charge (MFC) shall be added to the Natural Gas Supply Charge and Gas Adjustment Charge of Residential, LIRAS, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

Such charges shall be updated quarterly and effective each February 1, May 1, August 1, and November 1 of the year. The charge will also be updated whenever there is a change to the Sales Service Rate Customer Charge, Distribution Charge, Natural Gas Supply Charge or Gas Adjustment Charge.

Calculation of Rate:

For customers receiving service in the Residential classification, the MFC shall equal 2.2301% times the Natural Gas Supply Charge and the Gas Adjustment Clause as calculated for Rider A.

The current Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.1024	(D)
Gas Adjustment clause (E-Factor) per Mcf	<u>(\$0.0175)</u>	(I)
Total Residential MFC per Mcf	\$0.0849	(D)

For customers receiving service in the Non-Residential classifications, the MFC shall equal 0.2285% times the Natural Gas Supply Charge and Gas Adjustment Clause as calculated for Rider A.

The current Non-Residential MFC Charge is:

Natural Gas Supply Charge per Mcf	\$0.0105	(D)
Gas Adjustment clause (E-Factor) per Mcf	<u>(\$0.0018)</u>	(I)
Total Non-Residential MFC per Mcf	\$0.0087	(D)

(I) Indicates Increase

(D) Indicates Decrease

Issued:

Effective:

Rider H
Gas Procurement Charge (GPC)

APPLICABILITY

Effective June 1, 2013, the Gas Procurement Charge will be included in the Natural Gas Supply Charge of Residential, LIRAS, Commercial and Public Authority, SVIS, IVIS, LVIS and LIS rate schedules.

The charge is designed to recover the costs of procuring natural gas pursuant to 52 Pa. Code §62.223. The natural gas procurement costs included in the GPC charge will only be updated in a base rate case.

The GPC to be included in the Natural Gas Supply Charge shall be \$0.1050 / Mcf and is not reconcilable.

Price To Compare Component	Residential (¢ per 100 cubic feet)	Non Residential (¢ per 100 cubic feet)	
Natural Gas Supply Charge			
Purchased Gas Cost Component (Rider A)	45.933	45.933	
Merchant Function Charge associated with Natural Gas Supply Charge (Rider G)	1.024	0.105	
Gas Procurement Charge (Rider H)	<u>1.050</u>	<u>1.050</u>	
Subtotal Natural Gas Supply Charge	48.007	47.088	
Gas Adjustment Charge			
Purchased Gas Cost Component (Rider A)	(7.866)	(7.866)	
Merchant Function Charge associated with Gas Adjustment Charge (Rider G)	<u>(0.175)</u>	<u>(0.018)</u>	
Subtotal Gas Adjustment Charge	(8.041)	(7.884)	
Total Price To Compare	<u>39.966</u>	<u>39.204</u>	(D)

(D) Indicates Decrease
(I) Indicates Increase

(C) Indicates Change

Issued:

Effective:

Appendix B

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Cost of Gas by Gas Supplier and
 Transmission of Gas by Local Producers
 Twelve Months Ended November 2014

<u>Supplier</u>	<u>Projected Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Demand Cost Natural Gas Supply</u> \$	<u>Demand Cost Distribution Charge</u> \$	<u>Total Projected Cost</u> \$
Upstream Purchases	19,502,958	81,804,310	79,015	0	81,883,325
Storage	(175,517)	(2,491,217)	12,133,090	0	9,641,873
Transportation		721,349	19,937,420	5,367,030	26,025,799
Transportation Credit			(2,608,660)	0	(2,608,660)
Local Production	3,162,009	13,080,907			13,080,907
T. W. Phillips	2,121	21,975			21,975
Exchange Gas	(27,542)	(67,000)			(67,000)
Off-System Sales	(1,012,552)	(4,135,772)			(4,135,772)
Off-System Sales Refund		(398,034)			(398,034)
Subtotal	21,451,477	88,536,518	29,540,865	5,367,030	123,444,413
Credit - Line Hits		(8,430)			(8,430)
Total		<u>88,528,088</u>			<u>123,435,983</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Summary of Cost of Gas by Gas Supplier
Twelve Months Ended November 2014

<u>Supplier</u>	<u>Projected Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Demand Cost</u> \$	<u>Total Projected Cost</u> \$
Upstream				
December 2013	1,875,581	7,694,377	14,781	7,709,158
January 2014	2,134,546	9,767,964	14,781	9,782,745
February	2,330,065	13,702,493	12,705	13,715,198
March	1,820,560	9,348,068	8,495	9,356,563
April	1,799,710	8,508,693	0	8,508,693
May	1,639,625	7,293,193	0	7,293,193
June	1,175,762	4,649,589	0	4,649,589
July	1,132,001	3,911,890	0	3,911,890
August	1,132,218	3,335,663	0	3,335,663
September	1,038,924	2,718,209	0	2,718,209
October	1,449,357	3,653,773	0	3,653,773
November	1,974,609	7,220,399	28,253	7,248,652
Total	19,502,958	81,804,310	79,015	81,883,325

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Summary of Cost of Gas by Gas Supplier
Twelve Months Ended November 2014

<u>Supplier</u>	<u>Total Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Total Projected Cost</u> \$
Local Production			
December 2013	300,792	1,186,924	1,186,924
January 2014	299,912	1,330,775	1,330,775
February	268,232	1,602,011	1,602,011
March	297,067	1,537,140	1,537,140
April	233,130	946,899	946,899
May	345,277	1,449,600	1,449,600
June	236,329	953,842	953,842
July	287,421	1,124,365	1,124,365
August	304,901	952,542	952,542
September	294,439	981,066	981,066
October	277,267	940,784	940,784
November	<u>17,242</u>	<u>74,959</u>	<u>74,959</u>
Total	<u><u>3,162,009</u></u>	<u><u>13,080,907</u></u>	<u><u>13,080,907</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Transportation Credits
 Twelve Months Ended November 2014

	2014												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
MMBT Volume	1,177,278	1,578,111	1,382,070	1,168,916	674,050	682,493	443,688	533,291	460,580	413,590	596,754	966,059	10,128,182
Rate \$/Mcf	0.2600	0.2600	0.2600	0.2600	0.2600	0.2600	0.2600	0.2600	0.2600	0.2600	0.2600	0.2600	0.2600
Transportation Credit - \$	(306,093)	(410,689)	(361,938)	(303,918)	(175,253)	(180,048)	(115,440)	(138,636)	(115,745)	(103,998)	(149,169)	(249,015)	(2,608,660)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Credit Due to Line Hits
 Twelve Months Ended November 2014

	2014												
	December	January	February	March	April	May	June	July	August	September	October	November	Total
Line Hits (Credit) Amount - \$	312	459	1,550	1,301	362	79	1,241	469	1,025	1,037	523	72	8,430

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Exchange Gas
 Twelve Months Ended November 2014

	2014												Total
	January	February	March	April	May	June	July	August	September	October	November		
Exchange Gas - Mcf	8,213	9,930	624	1,890	4,563	3,619	(35,873)	(30,264)	(259)	174	(459)		(27,542)
Commodity - \$	37,891	54,402	35,315	(12,096)	31,887	(49,203)	(142,839)	23,069	(5,565)	(4,080)	(78,484)		(57,000)

Pennsylvania Division
 Summary of Off-System Sales
 Twelve Months Ended November 2014

	2014												Total		
	2013	December	January	February	March	April	May	June	July	August	September	October		November	
Off-System Sales - Mcf		(323,706)	(125,964)	(119,416)	(183,647)	0	0	0	0	0	0	0	0	(259,819)	(1,012,552)
Off-System Sales (Gas Cost) - \$		(1,242,574)	(515,566)	(676,732)	(807,006)	0	0	0	0	0	0	0	0	(893,894)	(4,135,772)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Off-System Sales Refund
 Twelve Months Ended November 2014

	2014												Total	
	December	January	February	March	April	May	June	July	August	September	October	November		
Off-System Sales Margin - \$	(185,853)	(66,691)	(30,675)	(51,938)	0	0	0	0	0	0	0	0	(165,549)	(530,711)
Off-System Sales Refund (75%) - \$	(139,394)	(50,018)	(23,006)	(46,454)	0	0	0	0	0	0	0	0	(139,162)	(398,034)
Prior Period Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Off-System Sales Refund - \$	(139,394)	(50,018)	(23,006)	(46,454)	0	0	0	0	0	0	0	0	(139,162)	(398,034)

Note: Effective August 1, 2001 Sharing 75% / 25% before tax

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Details of Upstream Purchases
 Twelve Months Ended November 2014

	2014												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
Purchase Volume: Mcf													
Spot	1,081,896	721,413	1,307,739	1,006,506	1,777,000	1,727,987	1,145,646	1,157,314	1,158,256	1,061,565	1,456,887	1,034,043	14,636,252
Contracted	822,569	1,472,341	1,061,688	849,367	53,516	(55,906)	56,223	0	0	0	18,583	971,099	5,249,480
Shrinkage	(28,884)	(59,208)	(39,362)	(35,313)	(30,806)	(32,456)	(26,107)	(25,313)	(26,038)	(22,641)	(26,113)	(30,533)	(382,774)
Total (Mcf)	1,875,581	2,134,546	2,330,065	1,820,560	1,799,710	1,639,625	1,175,762	1,132,001	1,132,218	1,038,924	1,449,357	1,974,609	19,502,958
Demand Costs - \$													
Spot	0	0	0	0	0	0	0	0	0	0	0	0	0
Contracted	14,781	14,781	12,705	8,495	0	0	0	0	0	0	0	28,253	79,015
Total Demand Costs - \$	14,781	14,781	12,705	8,495	0	0	0	0	0	0	0	28,253	79,015
Commodity Costs - \$													
Spot	4,495,376	3,437,910	8,053,054	5,340,942	8,282,416	7,519,470	4,423,312	3,911,890	3,335,663	2,718,209	3,590,244	3,730,999	58,839,485
Contracted	3,199,001	6,330,054	5,649,439	4,007,126	226,277	(226,277)	226,277	0	0	0	63,529	3,489,400	22,964,526
Total Commodity Costs - \$	7,694,377	9,767,964	13,702,493	9,348,068	8,508,693	7,293,193	4,649,589	3,911,890	3,335,663	2,718,209	3,653,773	7,220,399	81,804,310
Total Cost - \$	7,709,158	9,782,745	13,715,198	9,356,563	8,508,693	7,293,193	4,649,589	3,911,890	3,335,663	2,718,209	3,653,773	7,248,652	81,883,325

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Details of Storage
 Twelve Months Ended November 2014

	2014												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
Rental													
Demand - \$	863,664	863,079	860,646	860,203	858,873	779,045	824,785	826,046	826,497	827,908	828,159	830,309	10,050,215
Commodity - \$	34,221	62,154	79,705	62,002	60,287	95,143	57,693	42,179	45,561	46,406	40,650	32,575	598,575
Total	897,885	925,233	940,352	922,205	919,160	874,188	882,478	868,225	872,058	874,314	868,808	862,883	10,648,790
Gas Costs													
Injection - Mcf	(185,202)	(66,822)	(85,100)	(18,012)	(726,648)	(1,342,523)	(1,004,520)	(1,033,559)	(1,103,280)	(960,236)	(781,789)	(114,974)	(7,362,666)
Withdrawal - Mcf	1,408,140	2,016,575	1,205,688	1,577,693	130,618	2,937	609	43,500	558	1,131	15,665	784,057	7,187,148
Net (Injection)/Withdrawal	1,252,938	1,949,753	1,150,588	1,559,681	(596,031)	(1,339,586)	(1,003,911)	(990,059)	(1,102,724)	(959,105)	(766,124)	669,083	(175,517)
Demand - \$													
Commodity - \$	2,908,570	4,154,534	2,451,630	3,323,368	(1,089,187)	(2,447,959)	(1,834,547)	(1,691,813)	(1,894,335)	(1,575,138)	(1,853,565)	1,601,316	2,082,875
Total Storage Costs	5,333,882	8,576,222	5,082,519	6,899,735	(2,206,357)	(6,478,298)	(4,854,914)	(5,907,945)	(4,893,338)	(4,302,622)	(2,595,322)	2,266,586	(3,089,792)
Demand - \$	8,242,453	12,730,756	7,534,149	10,213,103	(3,295,545)	(8,926,197)	(6,689,461)	(7,599,759)	(6,177,673)	(5,877,760)	(4,428,886)	3,867,902	(1,006,917)
Total Storage Costs													
Demand - \$	3,772,285	5,017,619	3,312,276	4,183,571	(230,314)	(1,668,914)	(1,009,762)	(865,766)	(1,057,838)	(747,230)	(1,004,406)	2,431,625	12,133,090
Commodity - \$	5,388,103	8,639,376	5,162,225	6,951,737	(2,146,071)	(6,443,095)	(4,797,221)	(5,865,767)	(4,847,177)	(4,256,216)	(2,554,672)	2,299,160	(2,491,217)
Total	9,140,337	13,655,989	8,474,501	11,135,308	(2,376,384)	(8,112,009)	(5,806,983)	(6,731,533)	(5,905,614)	(5,003,446)	(3,559,078)	4,730,785	9,641,873

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Costs Related to T. W. Phillips
 Twelve Months Ended November 2014

	2014												<u>Total</u>
	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	
Mcf	315	318	754	226	247	(4)	44	31	62	49	(33)	112	2,121
Amount - \$	3,353	3,353	7,747	2,702	2,728	(1,083)	445	314	618	346	379	1,073	21,975

PGC Exhibit 1
 Schedule 3
 Settlement 3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Transportation Charges
 Twelve Months Ended November 2014

	2014												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
Pennsylvania Division	2,066,418	2,217,556	2,203,120	2,073,148	2,176,459	1,877,718	2,037,564	2,061,749	2,066,464	2,281,141	2,014,383	2,228,729	25,304,450
Demand - Distribution Charge - \$	56,945	227,690	122,360	95,193	33,402	21,748	17,928	12,960	16,401	45,333	23,278	78,113	721,349
Demand - Natural Gas Supply - \$	<u>2,123,363</u>	<u>2,445,246</u>	<u>2,325,480</u>	<u>2,168,341</u>	<u>2,209,861</u>	<u>1,899,466</u>	<u>2,055,492</u>	<u>2,074,709</u>	<u>2,082,865</u>	<u>2,296,474</u>	<u>2,037,661</u>	<u>2,306,842</u>	<u>26,025,799</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Temperature Swing/ Peaking Capacity Costs
 Twelve Months Ended November 2014

	2014												Total
	December	January	February	March	April	May	June	July	August	September	October	November	
NFGSC EFT Capacity (Dth)	55,093	55,093	55,093	55,093	55,093	55,093	55,093	55,093	53,395	53,395	53,395	53,395	
Rate (\$/Dth)	3,9652	3,9652	3,9652	3,9652	3,9652	3,9652	3,9652	3,9652	3,9652	3,9652	3,9652	3,9652	
Amount (\$)	218,289	218,455	218,455	218,455	218,455	218,455	218,455	218,455	211,722	211,722	211,722	211,722	2,594,362
NFGSC ESS Delivery (Dth)	44,427	44,427	44,427	44,427	44,427	44,427	44,427	44,427	42,729	42,729	42,729	42,729	
Rate (\$/Dth)	2,5959	2,5959	2,5959	2,5959	2,5959	2,5959	2,5959	2,5959	2,5959	2,5959	2,5959	2,5959	
Amount (\$)	115,328	115,328	115,328	115,328	115,328	115,328	115,328	115,328	110,920	110,920	110,920	110,920	1,366,304
NFGSC ESS Capacity (Dth)	2,088,069	2,088,069	2,088,069	2,088,069	2,088,069	2,088,069	2,088,069	2,088,069	1,994,504	1,994,504	1,994,504	1,994,504	
Rate (\$/Dth)	0,0404	0,0404	0,0404	0,0404	0,0404	0,0404	0,0404	0,0404	0,0404	0,0404	0,0404	0,0404	
Amount (\$)	84,358	84,358	84,358	84,358	84,358	84,358	84,358	84,358	80,578	80,578	80,578	80,578	997,176
NFGSC FSS Capacity (Dth)	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	
Rate (\$/Dth)	2,4826	2,4826	2,4826	2,4826	2,4826	2,4826	2,4826	2,4826	2,4826	2,4826	2,4826	2,4826	
Amount (\$)	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	317,748
NFGSC FSS Capacity (Dth)	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	
Rate (\$/Dth)	0,0381	0,0381	0,0381	0,0381	0,0381	0,0381	0,0381	0,0381	0,0381	0,0381	0,0381	0,0381	
Amount (\$)	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	91,440
Grand Total Cost - Distribution Charge (\$)	452,074	452,240	452,240	452,240	452,240	452,240	452,240	452,240	437,319	437,319	437,319	437,319	5,367,030

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Cost of Gas by Gas Supplier and
 Transmission of Gas by Local Producers
 Eight Months Ended July 2015

<u>Supplier</u>	<u>Projected Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Demand Cost Natural Gas Supply</u> \$	<u>Demand Cost Distribution Charge</u> \$	<u>Total Projected Cost</u> \$
Upstream Purchases	8,172,428	37,047,435	7,273,460	1,749,276	46,070,171
Storage		368,005	9,661,451	0	10,029,456
Transportation		555,675	7,679,004	1,749,276	9,983,955
Transportation Credit			(1,770,514)	0	(1,770,514)
Capacity Release			(1,758,584)	0	(1,758,584)
Local Production	4,299,768	11,730,477			11,730,477
Exchange Gas	16,549	31,178			31,178
T. W. Phillips	2,287	19,116			19,116
Off-System Sales	833,405	(2,085,491)			(2,085,491)
Off-System Sales Refund		(369,824)			(369,824)
Subtotal	13,324,437	47,296,571	21,084,817	3,498,552	71,879,940
Credit - Line Hits		(11,212)			(11,212)
Total		<u>47,285,359</u>			<u>71,868,728</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Cost of Gas by Gas Supplier
 Eight Months Ended July 2015

<u>Supplier</u>	<u>Projected Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Demand Cost Natural Gas Supply</u> \$	<u>Demand Cost Distribution Charge</u> \$	<u>Total Projected Cost</u> \$
Upstream					
December 2014	1,932,003	6,166,898	29,195	0	6,196,093
January 2015	2,517,977	6,851,493	29,194	0	6,880,687
February	2,910,973	8,638,702	26,369	0	8,665,071
March	2,286,102	5,929,185	29,194	0	5,958,379
April	233,370	2,213,707	1,789,877	437,319	4,440,903
May	(491,391)	2,532,231	1,789,877	437,319	4,759,427
June	(601,649)	2,232,357	1,789,877	437,319	4,459,553
July	(614,957)	2,482,862	1,789,877	437,319	4,710,058
Total	8,172,428	37,047,435	7,273,460	1,749,276	46,070,171

See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Summary of Cost of Gas by Gas Supplier
Eight Months Ended July 2015

<u>Supplier</u>	<u>Projected Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Total Projected Cost</u> \$
Local Production			
December 2014	24,853	67,095	67,095
January 2015	17,436	31,678	31,678
February	9,463	17,613	17,613
March	7,006	14,489	14,489
April	1,120,212	3,045,449	3,045,449
May	1,157,551	3,093,164	3,093,164
June	996,658	2,753,743	2,753,743
July	966,589	2,707,246	2,707,246
Total	4,299,768	11,730,477	11,730,477

See Exhibit 23, Schedule 2

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Transportation Credits
 Eight Months Ended July 2015

	2015								
	December	January	February	March	April	May	June	July	Total
MMT Volume	1,298,716	1,659,776	1,347,177	1,163,521	739,706	373,255	241,550	258,355	7,082,056
Rate \$/Mcf	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	
Transportation Credit - \$	(324,679)	(414,944)	(336,794)	(290,880)	(184,927)	(93,314)	(60,368)	(64,569)	(1,770,514)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Credit Due to Line Hits
 Eight Months Ended July 2015

	2015							<u>Total</u>	
	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>		<u>July</u>
Line Hits (Credit) Amount - \$	2,924	310	5,392	435	362	79	1,241	469	11,212

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Off-System Sales
 Eight Months Ended July 2015

	2015								
	December	January	February	March	April	May	June	July	Total
Off-System Sales - Mcf	253,395	246,147	95,245	238,618	0	0	0	0	833,405
Off-System Sales (Gas Cost) - \$	(645,024)	(651,001)	(240,552)	(548,914)	0	0	0	0	(2,085,491)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Off-System Sales Refund
 Eight Months Ended July 2015

	2015								
	December	January	February	March	April	May	June	July	Total
Off-System Sales Margin - \$	(242,514)	(106,723)	(15,294)	(128,568)	0	0	0	0	(493,099)
Off-System Sales Refund (75%) - \$	(181,885)	(80,042)	(11,471)	(96,426)	0	0	0	0	(369,824)
Prior Period Adjustment	0	0	0	0	0	0	0	0	0
Net Off-System Sales Refund - \$	(181,885)	(80,042)	(11,471)	(96,426)	0	0	0	0	(369,824)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Details of Upstream Purchases (Including Transportation)¹
 Eight Months Ended July 2015

	2015								Total
	December	January	February	March	April	May	June	July	
Purchase Volume - Dth	0	0	0	0	854,160	975,081	854,161	926,389	3,609,791
Storage Volume - Dth	0	0	0	0	(504,687)	(1,500,378)	(1,497,324)	(1,583,776)	(5,186,167)
Total Volume - Dth	0	0	0	0	249,473	(525,297)	(643,163)	(657,389)	(1,576,376)
Conversion Factor	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	
Total Volume - Mcf	0	0	0	0	233,370	(491,391)	(601,649)	(614,957)	(1,474,627)
Net Purchases - Mcf	0	0	0	0	233,370	(491,391)	(601,649)	(614,957)	(1,474,627)
Demand - Natural Gas Supply - \$	0	0	0	0	1,789,877	1,789,877	1,789,877	1,789,877	7,159,508
Demand - Distribution Charge - \$	0	0	0	0	437,319	437,319	437,319	437,319	1,749,276
Total Demand - \$	0	0	0	0	2,227,196	2,227,196	2,227,196	2,227,196	8,908,784
Commodity - \$ - PA	0	0	0	0	2,213,707	2,532,231	2,232,357	2,482,862	9,461,157
Net Commodity - \$	0	0	0	0	2,213,707	2,532,231	2,232,357	2,482,862	9,461,157
Total Cost - \$	0	0	0	0	4,440,903	4,759,427	4,459,553	4,710,058	18,369,941

¹ See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Details of Upstream Purchases
 Eight Months Ended July 2015

	2015								Total	
	2014 December	January	February	March	April	May	June	July		
Purchase Volume - Mcf										
Spot	864,810	743,601	489,855	892,262	0	0	0	0	0	2,990,528
Contracted	1,099,631	1,823,272	2,486,804	1,435,086	0	0	0	0	0	6,844,793
Shrinkage	(32,438)	(48,896)	(65,686)	(41,246)	0	0	0	0	0	(188,266)
Total (Mcf)	1,932,003	2,517,977	2,910,973	2,286,102	0	0	0	0	0	9,647,055
Demand Costs - \$										
Spot	0	0	0	0	0	0	0	0	0	0
Contracted	29,195	29,194	26,369	29,194	0	0	0	0	0	113,952
Total Demand Costs - \$	29,195	29,194	26,369	29,194	0	0	0	0	0	113,952
Commodity Costs - \$										
Spot	2,300,810	1,763,803	1,037,902	1,743,436	0	0	0	0	0	6,845,951
Contracted	3,866,088	5,087,690	7,600,800	4,185,749	0	0	0	0	0	20,740,327
Total Commodity Costs - \$	6,166,898	6,851,493	8,638,702	5,929,185	0	0	0	0	0	27,586,278
Total Cost - \$	6,196,093	6,880,687	8,665,071	5,958,379	0	0	0	0	0	27,700,230

* This schedule does not include Transportation Charges. See PGC Exhibit 2, Schedule 6, for all updated Transportation Charges.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Details of Storage
 Eight Months Ended July 2015

	2014		2015								Total
	December	January	February	March	April	May	June	July			
Rental Cost*											
Demand	830,525	830,772	830,669	831,068	961,072	961,072	961,072	961,072	961,072	7,167,322	
Commodity	41,334	57,940	75,998	68,925	24,828	59,749	61,804	64,185		454,763	
Transportation Cost											
Demand	0	0	0	0	52,408	52,408	52,408	52,408	52,408	209,632	
Commodity	0	0	0	0	407	2,143	731	1,510		4,791	
Gas Cost											
Demand	2,352,087	4,182,011	3,540,946	2,346,658	(1,181,990)	(2,932,592)	(2,926,883)	(3,095,740)		2,284,497	
Commodity	3,329,266	4,447,296	4,401,308	2,916,839	(1,770,705)	(4,393,232)	(4,384,660)	(4,637,641)		(91,549)	
TOTAL COSTS											
Demand	3,182,612	5,012,783	4,371,615	3,177,726	(168,510)	(1,919,112)	(1,913,403)	(2,082,260)		9,661,451	
Commodity	3,370,600	4,505,236	4,477,306	2,985,764	(1,745,470)	(4,331,340)	(4,322,145)	(4,571,946)		388,005	
TOTAL	6,553,212	9,518,019	8,848,921	6,163,490	(1,913,980)	(6,250,452)	(6,235,548)	(6,654,206)		10,029,456	

See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Costs Related to T. W. Phillips
 Eight Months Ended July 2015

	2015								
	2014 December	January	February	March	April	May	June	July	Total
Mcf	323	579	632	435	247	(4)	44	31	2,287
Amount - \$	2,939	5,243	5,061	3,469	2,728	(1,083)	445	314	19,116

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Capacity Release
 Eight Months Ended July 2015

	2015								Total
	December	January	February	March	April	May	June	July	
PA Capacity Release	0	0	0	0	98,587	48,259	57,179	65,411	269,436
PA Customer Wide Choice Capacity Release	0	0	0	0	372,287	372,287	372,287	372,287	1,489,148
PA Capacity Release - \$	0	0	0	0	470,874	420,546	429,466	437,698	1,758,584

PGC Exhibit 2
 Schedule 4
 Settlement 3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Temperature Swing/ Peaking Capacity Costs
 Eight Months Ended July 2015

	2015							<u>Total</u>
	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	
NFGSC EFT Capacity (Dth)	53,395	53,395	53,395	53,395	53,395	53,395	53,395	
Rate (\$/Dth)	3.9652	3.9652	3.9652	3.9652	3.9652	3.9652	3.9652	
Amount (\$)	211,722	211,722	211,722	211,722	211,722	211,722	211,722	1,693,776
NFGSC ESS Delivery (Dth)	42,729	42,729	42,729	42,729	42,729	42,729	42,729	
Rate (\$/Dth)	2.5959	2.5959	2.5959	2.5959	2.5959	2.5959	2.5959	
Amount (\$)	110,920	110,920	110,920	110,920	110,920	110,920	110,920	887,360
NFGSC ESS Capacity (Dth)	1,994,504	1,994,504	1,994,504	1,994,504	1,994,504	1,994,504	1,994,504	
Rate (\$/Dth)	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	
Amount (\$)	80,578	80,578	80,578	80,578	80,578	80,578	80,578	644,624
NFGSC FSS Capacity (Dth)	10,666	10,666	10,666	10,666	10,666	10,666	10,666	
Rate (\$/Dth)	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	
Amount (\$)	26,479	26,479	26,479	26,479	26,479	26,479	26,479	211,832
NFGSC FSS Capacity (Dth)	200,000	200,000	200,000	200,000	200,000	200,000	200,000	
Rate (\$/Dth)	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	
Amount (\$)	7,620	7,620	7,620	7,620	7,620	7,620	7,620	60,960
Grand Total Cost - Distribution Charge (\$)	437,319	437,319	437,319	437,319	437,319	437,319	437,319	3,498,552

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Transportation Charges
 Eight Months Ended July 2015

	2015								Total
	2014 December	January	February	March	April	May	June	July	
Demand - Distribution Charge - \$	437,319	437,319	437,319	437,319	0	0	0	0	1,749,276
Demand - Natural Gas Supply - \$	1,900,944	1,820,121	1,906,075	2,051,864	0	0	0	0	7,679,004
Total Demand - \$	2,338,263	2,257,440	2,343,394	2,489,183	0	0	0	0	9,428,280
Commodity - \$	76,961	131,338	221,069	126,287	0	0	0	0	555,675
Total Costs - \$	2,415,224	2,388,778	2,564,463	2,615,470	0	0	0	0	9,983,955

PGC Exhibit 2
 Schedule 6
 Settlement 3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Cost of Gas by Gas Supplier and
 Transmission of Gas by Local Producers
 Twelve Months Ended July 2016

<u>Supplier</u>	<u>Projected Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Demand Cost Natural Gas Supply</u> \$	<u>Demand Cost Distribution Charge</u> \$	<u>Total Projected Cost</u> \$
Upstream Purchases	9,834,411	31,852,279	21,042,189	6,471,281	59,365,749
Storage		983,477	13,223,477	0	14,206,954
Transportation Credit			(2,673,387)	0	(2,673,387)
Capacity Release Credit			(7,481,992)	0	(7,481,992)
Local Production	7,536,493	22,993,664			22,993,664
T. W. Phillips	2,121	21,975			21,975
Subtotal	17,373,025	55,851,395	24,110,287	6,471,281	86,432,963
Credit - Line Hits		(8,430)			(8,430)
Total		<u>55,842,965</u>			<u>86,424,533</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Summary of Cost of Gas by Gas Supplier
Twelve Months Ended July 2016

<u>Supplier</u>	<u>Projected Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Demand Cost Natural Gas Supply</u> \$	<u>Demand Cost Distribution Charge</u> \$	<u>Total Projected Cost</u> \$
Upstream					
August 2015	(115,092)	2,338,467	1,757,769	539,273	4,635,509
September	(120,518)	2,266,629	1,757,769	539,273	4,563,671
October	497,032	2,476,531	1,749,618	539,273	4,765,422
November	1,233,230	2,509,229	1,767,583	539,273	4,816,085
December	2,025,792	3,073,070	1,760,374	539,273	5,372,717
January 2016	3,329,028	3,146,843	1,760,374	539,273	5,446,490
February	2,705,385	2,921,258	1,762,862	539,273	5,223,393
March	1,728,640	3,036,462	1,760,373	539,274	5,336,109
April	213,182	2,491,162	1,747,480	539,274	4,777,916
May	(498,099)	2,607,496	1,739,329	539,274	4,886,099
June	(597,826)	2,407,985	1,739,329	539,274	4,686,588
July	(566,343)	2,577,147	1,739,329	539,274	4,855,750
Total	9,834,411	31,852,279	21,042,189	6,471,281	59,365,749

See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Summary of Cost of Gas by Gas Supplier
Twelve Months Ended July 2016

<u>Supplier</u>	<u>Projected Quantity Purchased</u> Mcf	<u>Commodity Cost</u> \$	<u>Total Projected Cost</u> \$
Local Production			
August 2015	435,755	1,221,543	1,221,543
September	487,929	1,369,348	1,369,348
October	609,814	1,781,228	1,781,228
November	552,871	1,701,023	1,701,023
December	583,950	2,120,949	2,120,949
January 2016	10,349	34,168	34,168
February	86,974	317,064	317,064
March	583,950	2,098,857	2,098,857
April	1,120,212	3,237,966	3,237,966
May	1,157,551	3,377,178	3,377,178
June	990,634	2,953,390	2,953,390
July	916,504	2,780,950	2,780,950
Total	7,536,493	22,993,664	22,993,664

See Exhibit 23, Schedule 2

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Transportation Credits
 Twelve Months Ended July 2016

	2016												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
MMT Volume	236,992	265,018	614,641	909,764	1,311,164	1,675,712	1,404,881	1,174,555	746,059	376,383	243,401	260,005	9,218,575
Rate \$/Mcf	0.2900	0.2900	0.2900	0.2900	0.2900	0.2900	0.2900	0.2900	0.2900	0.2900	0.2900	0.2900	
Transportation Credit - \$	(58,728)	(76,855)	(176,246)	(263,832)	(380,238)	(485,956)	(407,415)	(340,621)	(216,357)	(109,151)	(70,586)	(75,401)	(2,673,387)

Exhibit 24, Appendix 1

Settlement 3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Summary of Credit Due to Line Hits
 Twelve Months Ended July 2016

2015	2016												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
1,025	1,037	523	72	312	459	1,550	1,301	362	79	1,241	469	8,430	
Line Hits (Credit) Amount - \$													

Settlement 3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Details of Upstream Purchases (Including Transportation) ¹
Twelve Months Ended July 2016

	2016												Total
	2015 August	September	October	November	December	January	February	March	April	May	June	July	
Purchase Volume - Dth	882,633	854,160	890,316	854,606	883,687	883,687	826,675	883,687	895,176	931,483	854,161	895,550	10,535,823
Storage Volume - Dth	(1,005,665)	(982,934)	(358,989)	463,717	1,281,885	2,675,044	2,065,382	984,229	(657,284)	(1,463,951)	(1,493,237)	(1,500,971)	(22,835)
Total Volume - Dth	(123,033)	(128,834)	531,327	1,318,323	2,165,572	3,558,731	2,892,057	1,847,916	227,892	(532,468)	(639,076)	(605,421)	10,512,988
Conversion Factor	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690	1.0690
Total Volume - Mcf	(115,092)	(120,518)	497,032	1,233,230	2,025,792	3,329,028	2,705,385	1,728,640	213,182	(498,099)	(597,826)	(566,343)	9,834,411
Net Purchases - Mcf	(115,092)	(120,518)	497,032	1,233,230	2,025,792	3,329,028	2,705,385	1,728,640	213,182	(498,099)	(597,826)	(566,343)	9,834,411
Demand - Natural Gas Supply - \$	1,757,769	1,757,769	1,749,618	1,767,583	1,760,374	1,760,374	1,762,862	1,760,373	1,747,480	1,739,329	1,739,329	1,739,329	21,042,169
Demand - Distribution Charge - \$	539,273	539,273	539,273	539,273	539,273	539,273	539,273	539,274	539,274	539,274	539,274	539,274	6,471,281
Total Demand - \$	2,297,042	2,297,042	2,288,891	2,306,856	2,299,647	2,299,647	2,302,135	2,299,647	2,286,754	2,278,603	2,278,603	2,278,603	27,513,470
Commodity - \$ - PA	2,338,467	2,266,629	2,476,531	2,509,229	3,073,070	3,146,843	2,921,258	3,036,462	2,491,162	2,607,496	2,407,985	2,577,147	31,852,279
Net Commodity - \$	2,338,467	2,266,629	2,476,531	2,509,229	3,073,070	3,146,843	2,921,258	3,036,462	2,491,162	2,607,496	2,407,985	2,577,147	31,852,279
Total Cost - \$	4,535,509	4,563,671	4,765,422	4,816,085	5,372,717	5,446,490	5,223,393	5,336,109	4,777,916	4,886,099	4,686,588	4,855,750	59,365,749

¹ See Exhibit 23, Schedule 1

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Details of Storage
Twelve Months Ended July 2016

	2016												Total
	2015 August	September	October	November	December	January	February	March	April	May	June	July	
Rental Cost													
Demand	961,072	961,072	961,072	961,072	961,072	961,072	961,072	961,072	961,072	961,072	961,072	961,072	961,072
Commodity	41,232	40,412	13,953	19,865	53,574	110,515	84,817	36,723	26,377	59,577	61,823	61,815	612,883
Transportation Cost													
Demand	52,408	52,408	104,811	104,811	104,811	104,811	104,811	104,811	104,811	104,811	104,811	104,811	1,152,926
Commodity	782	708	750	0	686	2,229	2,058	1,457	1,125	1,425	731	1,002	12,953
Gas Cost													
Demand	(1,971,745)	(1,927,303)	(771,122)	1,009,138	2,790,226	5,823,357	4,496,462	2,099,619	(1,433,410)	(3,144,952)	(3,208,011)	(3,224,572)	537,687
Commodity	(2,953,816)	(2,887,238)	(1,077,392)	1,409,942	3,896,435	8,136,246	6,282,344	2,933,534	(2,002,724)	(4,394,048)	(4,482,151)	(4,505,291)	357,841
TOTAL COSTS													
Demand	(958,265)	(913,823)	294,761	2,075,021	3,856,109	6,889,240	5,562,345	3,165,502	(967,527)	(2,079,069)	(2,142,128)	(2,158,689)	13,223,477
Commodity	(2,911,802)	(2,846,118)	(1,052,689)	1,429,807	3,952,695	8,248,990	6,389,219	2,973,714	(1,975,222)	(4,333,046)	(4,419,597)	(4,442,474)	963,477
TOTAL	(3,870,067)	(3,759,941)	(757,928)	3,504,828	7,808,804	15,138,230	11,951,564	6,139,216	(2,942,749)	(6,412,115)	(6,561,725)	(6,601,163)	14,206,954

Settlement 3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Costs Related to T. W. Phillips
 Twelve Months Ended July 2016

	2016												Total
	2015 August	September	October	November	December	January	February	March	April	May	June	July	
Mcf	62	49	(33)	112	315	318	754	226	247	(4)	44	31	2,121
Amount - \$	518	346	379	1,073	3,353	3,353	7,747	2,702	2,728	(1,083)	445	314	21,975

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Detail of Capacity Release Credits
 Twelve Months Ended July 2016

	2016												Total
	2015 August	September	October	November	December	January	February	March	April	May	June	July	
PA Capacity Release	78,117	41,162	52,228	41,048	221,293	76,604	25,674	74,476	98,587	48,259	57,179	65,411	880,038
PA Customer Wide Choice Capacity Release	550,163	550,163	550,163	550,163	550,163	550,163	550,163	550,163	550,163	550,163	550,163	550,163	6,601,954
Capacity Release Credit - \$	628,280	591,325	602,391	591,211	771,456	826,767	575,837	624,639	648,750	598,422	607,342	615,574	7,481,992

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Computation of Purchased Gas Commodity Cost Per Mcf
On and After August 1, 2015

Computation Year: Twelve Months Ended July 2016

<u>Line No.</u>	<u>Description</u>	
1	Purchased Gas Commodity Costs = (CC - E) + S	
2	CC = Commodity Cost of Gas (Exhibit 3)	55,842,965
3	S = Projected Sales for the Computation Year (See Exhibit 22)	<u>17,316,884</u>
4	Unit Commodity Cost (Line 2/ Line 3)	3.2248
5	Storage Interest (Exhibit 21B, Sheet 2)	<u>(0.0238)</u>
6	Total Commodity Cost (Line 4 + Line 5)	3.2010
7	E = Experienced Net Overcollection to be Refunded (See Schedule 5 - COMMODITY)	8,027,599
8	S = Projected Sales for the Computation Year (See Exhibit 22)	17,316,884
9	Projected SATC Volumes for Computation Year	<u>0</u>
10	Total Volumes for Recovery of Commodity E - Factor (Line 8 + Line 9)	17,316,884
11	Unit Commodity E-Factor Rate (Line 7/ Line 10)	<u>0.4636</u>
12	Projected Sales Commodity Cost per Mcf (Line 6 - Line 11)	<u><u>2.7374</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Computation of Purchased Gas Demand Cost Per Mcf
 On and After August 1, 2015

Computation Year: Twelve Months Ended July 2016

<u>Line No.</u>	<u>Description</u>	
1	Purchased Gas Demand Costs = DC ÷ S	
2	DC = Demand Cost of Gas - Natural Gas Supply (Exhibit 3)	24,110,287
3	Projected Sales for Computation Year (Exhibit 22)	<u>17,316,884</u>
4	Unit Demand Cost (Line 2/ Line 3)	<u>1.3923</u>
5	E = Experienced Net Overcollection to be Refunded (See Schedule 2 - DEMAND - NGS)	5,593,595
6	S = Projected Sales for the Computation Year (Exhibit 22)	<u>17,316,884</u>
7	Unit Demand E-Factor Rate (Line 5/ Line 6)	<u>0.3230</u>
8	Projected Sales Demand Cost per Mcf (Line 4 - Line 7)	<u><u>1.0693</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Computation of Purchased Gas Demand Cost Per Mcf
On and After August 1, 2015

Computation Year: Twelve Months Ended July 2016

<u>Line No.</u>	<u>Description</u>	
1	Purchased Gas Demand Costs = DC + S	
2	DC = Demand Cost of Gas - Distribution Charge (Exhibit 3)	6,471,281
3	Projected Sales for Computation Year (Exhibit 22)	17,316,884
4	Projected SATC Volumes for Computation Year	<u>4,837,433</u>
5	Total Volumes for Recovery of Demand Costs - Distribution Charge	22,154,317
6	Unit Demand Cost (Line 2/ Line 5)	<u>0.2921</u>
7	E = Experienced Net Overcollection to be Refunded (See Schedule 2 - DEMAND - DC)	681,206
8	Total Volumes for Recovery of Demand Costs - Distribution Charge	22,154,317
9	Unit Demand E-Factor Rate	<u>0.0307</u>
10	Projected Sales Demand Cost per Mcf (Line 6 - Line 9)	<u><u>0.2614</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division
 Recovery of Gas Costs Under 2015 1307(f)

	(1)	(2)	(3)	(4)
	Natural Gas Supply <u>Charge</u>	Gas Adjustment <u>Charge</u>	Distribution <u>Charge</u>	Total <u>Gas Costs</u>
	\$	\$	\$	\$
Projected Gas Costs				
Demand	1.3923	(0.3230)	0.2614	1.3307
Commodity	<u>3.2010</u>	<u>(0.4636)</u>	<u>0.0000</u>	<u>2.7374</u>
Total Projected Gas Costs	4.5933	(0.7866)	0.2614	4.0681
Current Gas Costs (11/14)	<u>4.6972</u>	<u>(0.1765)</u>	<u>0.2003</u>	<u>4.7210</u>
Increase (Decrease)	<u>(0.1039)</u>	<u>(0.6101)</u>	<u>0.0611</u>	<u>(0.6529)</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Statement Showing the Development of Experienced Net
Over or (Under) Collections

<u>Line No.</u>	<u>Description</u>	<u>Amount</u> \$
1	Estimated Overcollection of gas cost for the twelve month period	
2	August 2014 through July 2015 to be Refunded (Schedule 3)	7,799,215
3	Reconciliation of estimated Overcollection of gas cost for the	
4	twelve month period August 2013 through July 2014 (Schedule 7)	0
5	Reconciliation of Overcollection of gas cost balances for the	
6	twelve month period August 2012 through July 2013	
7	to be Recovered (Schedule 8, Sheet 1)	(24)
8	Estimated Overcollection of gas cost for the	
9	twelve month period August 2013 through July 2014	
10	to be Recovered for the twelve months ended July 2015 (Schedule 8, Sheet 2)	(2,201,547)
11	Reconciliation of refund balances for the twelve month period	(1)
12	August 2013 - July 2014 (Schedule 9, Sheet 1)	
13	Estimated balance of refunds/surcharges for the twelve month period	(4,048)
14	August 2014 - July 2015 (Schedule 9, Sheet 2)	
15	Refunds Received and included in PGC 2015 (Schedule 4)	<u>0</u>
16	Total Amount to be Refunded	<u><u>5,593,595</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Statement Showing the Development of Experienced Net
Over or (Under) Collections

<u>Line No.</u>	<u>Description</u>	<u>Amount</u> \$
1	Estimated Overcollection of gas cost for the twelve month period	
2	August 2014 through July 2015 to be Refunded (Schedule 3)	888,735
3	Reconciliation of estimated Overcollection of gas cost for the	
4	twelve month period August 2013 through July 2014 (Schedule 7)	0
5	Reconciliation of estimated Overcollection of gas cost balances for the	
6	twelve month period August 2012 through July 2013	
7	for the twelve months ended July 2014 (Schedule 8, Sheet 1)	0
8	Estimated Overcollection of gas cost for the	
9	twelve month period August 2013 through July 2014	
10	to be Recovered for the twelve months ended July 2015 (Schedule 8, Sheet 2)	(208,462)
11	Reconciliation of refund balances for the twelve month period	
12	August 2013 - July 2014 (Schedule 9, Sheet 1)	0
13	Estimated balance of refunds/surcharges for the twelve month period	
14	August 2014 - July 2015 (Schedule 9, Sheet 2)	933
15	Total Amount to be Refunded	<u>681,206</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 PENNSYLVANIA DIVISION
 STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
 TWELVE MONTHS ENDED JULY 2015

Settlement 3/2015
 DEMAND - NGS

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
2014 August								
Standby/Priority	161,408	1.1771	189,993					
Standby Overruns	160,977	1.5783	254,070					
LBS - Demand			41,818					
Overdelivery/Upstream Cap. Surcharge	97	0.6444	17					
	322,385		44,963	486,162	74,762	8.00%	18	8,971
			530,924					
September								
Standby/Priority	385,871	1.5783	609,020					
Standby Overruns			53,122					
LBS - Demand	97	0.8684	78					
Overdelivery/Upstream Cap. Surcharge	385,871		84	993,195	(277,891)	8.00%	17	(31,494)
			53,000					
			715,304					
October								
Standby/Priority	652,728	1.5783	1,030,201					
Standby Overruns			86,732					
LBS - Demand	97	0.8684	1,506					
Overdelivery/Upstream Cap. Surcharge	652,728		84	423,469	738,232	8.00%	16	78,745
			43,178					
			1,161,701					
November								
Standby/Priority	726,062	1.5783	1,145,944					
Standby Overruns	686,979	1.5926	1,094,083					
LBS - Demand			151,199					
Overdelivery/Upstream Cap. Surcharge	97	0.8684	60	4,002,273	(1,571,814)	8.00%	15	(157,181)
	1,413,041		84					
			39,089					
			2,430,459					

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 PENNSYLVANIA DIVISION
 STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
 TWELVE MONTHS ENDED JULY 2015

Settlement 3/2015
 DEMAND - NGS

Expense/(Income)
 Interest
 Amount
 \$ (8=5x6x7)

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Expense/(Income) Interest Amount \$ (8=5x6x7)
December								
	7,059	1.5783	11,141					
	1,461,268	1.5926	2,327,215					
	1,244,595	1.5926	1,982,142					
			191,265					
			1,782					
	97	0.8756	85					
Overdelivery/Upstream Cap. Surcharge			56,825	4,788,072	(217,617)	8.00%	14 / 12	(20,311)
	<u>2,712,922</u>		<u>4,570,455</u>					
2015 January								
	3,450	1.5926	5,494					
	1,805,470	1.5926	2,566,872					
	1,902,565	1.5926	3,030,025					
			243,683					
			845					
	0	0.8756	0					
Overdelivery/Upstream Cap. Surcharge			69,171	6,447,154	(541,064)	8.00%	13 / 12	(46,892)
	<u>3,511,485</u>		<u>5,906,090</u>					
February								
	1,903,412	1.5926	3,031,374					
	2,151,658	1.4478	3,115,170					
	12,071	1.4478	17,476					
			254,627					
			2,706					
	0	0.8756	0					
Overdelivery/Upstream Cap. Surcharge			56,034	5,967,265	510,123	8.00%	12 / 12	40,810
	<u>4,067,141</u>		<u>6,477,388</u>					
March								
	1,773,314	1.5926	2,824,180					
	1,983,854	1.4478	2,872,224					
			212,016					
			170					
	0	0.8000	0					
Overdelivery/Upstream Cap. Surcharge			48,610	4,967,904	989,296	8.00%	11 / 12	72,546
	<u>3,757,168</u>		<u>5,957,200</u>					

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2015

Settlement 3/2015
DEMAND - NGS

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Expense/(Income) Interest Amount \$ (8=5x6x7)
April								
Standby/Priority	1,944,735	1.5926	3,097,185					
Standby Overruns			113,556					
LBS - Demand	0	0.8000	1,427					
Overdelivery/Upstream Cap. Surcharge	1,944,735		44,907	965,567	2,291,509	8.00%	10 / 12	152,767
			<u>3,257,075</u>					
May								
Standby/Priority	1,072,861	1.5926	1,708,638					
Standby Overruns			64,196					
LBS - Demand	0	0.8000	17					
Overdelivery/Upstream Cap. Surcharge	1,072,861		46,373	(643,095)	2,462,319	8.00%	9 / 12	147,739
			<u>1,819,224</u>					
June								
Standby/Priority	537,732	1.5926	856,392					
Standby Overruns			37,731					
LBS - Demand	0	0.8000	252					
Overdelivery/Upstream Cap. Surcharge	537,732		42,838	(613,380)	1,550,593	8.00%	8 / 12	82,698
			<u>937,213</u>					
July								
Standby/Priority	329,892	1.5926	525,386					
Standby Overruns			34,197					
LBS - Demand	0	0.8000	12					
Overdelivery/Upstream Cap. Surcharge	329,892		42,903	(794,670)	1,397,168	8.00%	7 / 12	65,201
			<u>602,498</u>					
Total	20,707,961		34,365,531	26,969,917	7,405,614			393,601

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2015

Settlement 3/2015
DEMAND - DC

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Expense/(Income) Interest Amount \$ (8=5x6x7)
2014 August	161,408	0.1892	30,538					
SATC	160,977	0.2541	40,904					
SATC	31,018	0.1892	5,869					
	384,545	0.2541	7,913	437,319	(352,095)	8.00%	18 / 12	(42,251)
September	365,871	0.2541	98,050					
SATC	72,968	0.2541	18,541	437,319	(320,728)	8.00%	17 / 12	(36,349)
	458,839		116,591					
October	652,728	0.2541	165,858					
SATC	119,705	0.2541	30,417	437,319	(241,044)	8.00%	16 / 12	(25,711)
	772,433		196,275					
November	726,062	0.2541	184,492					
SATC	686,979	0.2551	175,248					
SATC	131,006	0.2541	33,289					
	1,666,673	0.2551	31,282	437,319	(13,008)	8.00%	15 / 12	(1,301)
			424,311					
December	7,059	0.2541	1,794					
SATC	1,461,268	0.2551	372,769					
SATC	1,244,595	0.2551	317,496					
	1,117	0.2541	284					
SATC	261,319	0.2551	66,662					
SATC	221,975	0.2551	56,626	437,319	255,024	8.00%	14 / 12	23,802
	2,714,039		692,343					
2015 January	3,450	0.2551	880					
SATC	1,605,470	0.2551	409,555					
SATC	1,902,565	0.2551	485,344					
	472	0.2551	120					
SATC	286,051	0.2551	72,972					
SATC	337,730	0.2551	86,155	437,319	617,707	8.00%	13 / 12	53,595
	4,135,738		1,055,026					

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 PENNSYLVANIA DIVISION
 STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
 TWELVE MONTHS ENDED JULY 2015

Settlement 3/2015
 DEMAND - DC

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Expense/(Income) Interest Amount \$ (8=5x6x7)
February	1,903,412	0.2551	485,560					
	2,151,658	0.2402	516,828					
	12,071	0.2402	2,899					
SATC	333,869	0.2551	85,170					
SATC	375,523	0.2402	90,201					
SATC	2,199	0.2402	528					
	<u>4,778,732</u>		<u>1,181,186</u>	437,319	743,867	8.00%	12 / 12	59,509
March	1,773,314	0.2551	452,372					
	1,983,854	0.2402	476,522					
	307,891	0.2402	73,955					
SATC	343,641	0.2402	82,543					
	<u>4,408,700</u>		<u>1,085,392</u>	437,319	648,073	8.00%	11 / 12	47,525
April	1,944,735	0.2551	496,102					
	526,097	0.2402	126,368					
	<u>2,470,832</u>		<u>622,470</u>	437,319	185,151	8.00%	10 / 12	12,343
May	1,072,861	0.2551	273,687					
	290,540	0.2402	69,788					
	<u>1,363,401</u>		<u>343,475</u>	437,319	(93,844)	8.00%	9 / 12	(5,631)
June	537,732	0.2551	137,175					
	146,723	0.2402	35,243					
	<u>684,455</u>		<u>172,418</u>	437,319	(264,901)	8.00%	8 / 12	(14,128)
July	329,892	0.2551	84,155					
	90,825	0.2402	21,816					
	<u>420,717</u>		<u>105,971</u>	437,319	(331,348)	8.00%	7 / 12	(15,463)
Total	24,259,104		6,080,682	5,247,828	832,854			55,881

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division**

Refunds From and Payments to Gas Suppliers

<u>Refund From</u>	<u>Date Received</u>	<u>Refund Amount</u> \$	<u>INTEREST</u>			<u>Total Refund Plus Interest</u> \$
			<u>Rate</u>	<u>Weight</u>	<u>Amount</u> \$	
A.		<u>0</u>	6.00%	0 / 12	<u>0</u>	<u>0</u>
	TOTAL	<u><u>0</u></u>			<u><u>0</u></u>	<u><u>0</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Statement Showing the Development of Experienced Net
Over or (Under) Collections

<u>Line No.</u>	<u>Description</u>	<u>Amount</u> \$
1	Estimated Overcollection of gas cost for the twelve month period	
2	August 2014 through July 2015 to be Refunded (Schedule 6)	6,658,083
3	Reconciliation of estimated Undercollection of gas cost for the	
4	twelve month period August 2013 through July 2014 (Schedule 7)	0
5	Reconciliation of Overcollection of gas cost for the	
6	twelve month period August 2012 through July 2013	
7	to be Refunded (Schedule 8, Sheet 1)	3
8	Reconciliation of estimated Undercollection of gas cost for the	
9	twelve month period August 2013 through July 2014	
10	to be Refunded for the twelve months ended July 2015 (Schedule 8, Sheet 2)	1,397,528
11	Reconciliation of refunds for the twelve month period	
12	August 2013 - July 2014 (Schedule 9, Sheet 1)	0
13	Estimated balance of refunds for the twelve month period	
14	August 2014 - July 2015 (Schedule 9, Sheet 2)	(425)
15	Refunds Received and included in PGC 2015 (Schedule 10)	0
16	Reconciliation of C-Factor Storage Interest Expense/(Income) originating in	
17	PGC 2013 for the twelve months ended July 2014 (Schedule 11, Sheet 1)	(1)
18	Actual C-Factor Storage Interest Expense/(Income) originating in	
19	PGC 2014 for the twelve months ended July 2015 (Schedule 11, Sheet 2)	0
20	Reconciliation of Storage Interest refund balance for the period August 2013 - July 2014	
21	(recovered)/passed back August 2014 - July 2015 (Schedule 11, Sheet 3)	59,679
22	Estimated C-Factor interest expense/(income) originating in PGC 2015	
23	for the 12 month period ended July 2015 (Schedule 11, Sheet 4)	<u>(87,268)</u>
24	Total Amount to be Refunded	<u><u>8,027,599</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2015

Settlement 3/2015
COMMODITY

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
2014 August	161,408	4.9918	805,716					
Storage Inventory Recovery	160,977	3.8711	623,158					
Reimbursement of NFGSC Transfer Fee			6,371					
Market Rate Differential			0					
City Gate Imbalance			7,294					
Sales Cashout	3,615	5.6862	20,375					
NGV	579	4.9918	2,890					
LBS - Commodity	326,579		1,465,823	(\$20,509)	1,986,332	8.00%	18 / 12	238,360
September	385,871	3.8711	1,493,745					
Storage Inventory Recovery			24,348					
Reimbursement of NFGSC Transfer Fee			15					
Market Rate Differential			0					
City Gate Imbalance			0					
Sales Cashout	3,884	4.7395	18,408					
NGV	1,951	3.8711	7,553					
LBS - Commodity	391,706		1,609,074	(\$47,864)	2,156,938	8.00%	17 / 12	244,453
October	652,728	3.8711	2,526,775					
Storage Inventory Recovery			42,392					
Reimbursement of NFGSC Transfer Fee			31					
Market Rate Differential			0					
City Gate Imbalance			245					
Sales Cashout	3,721	4.7395	17,636					
NGV	1,282	3.8711	4,963					
LBS - Commodity	657,731		2,597,415	2,056,938	538,477	8.00%	16 / 12	57,438
November	726,062	3.8711	2,810,659					
Storage Inventory Recovery	686,979	3.1009	2,130,253					
Reimbursement of NFGSC Transfer Fee			20,463					
Market Rate Differential			23					
City Gate Imbalance			3					
Sales Cashout	1,431	4.7395	15,176					
NGV	1,253	3.8711	6,782					
LBS - Commodity	1,415,725		4,988,209	8,562,092	(3,573,883)	8.00%	15 / 12	(357,388)

PGC Exhibit 21
Schedule 6
Sheet 1
COMMODITY
Settlement
3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 PENNSYLVANIA DIVISION
 STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
 TWELVE MONTHS ENDED JULY 2015

Settlement 3/2015
 COMMODITY

Excess(Increase)
 Interest
 Amount
 \$
 (8-5x6x7)

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Excess(Increase) Interest Amount \$ (8-5x6x7)
December								
Storage Inventory Recovery	7,059	3.8711	27,326					
Reimbursement of NFGSC Transfer Fee	1,461,268	3.1009	4,531,246					
Market Rate Differential	1,244,595	3.1009	3,869,365					
City Gate Imbalance			19,701					
Sales Cashout			31					
NGV	4,462	3.9765	17,743					
LBS - Commodity	0	3.1009	8,706,133	8,627,345	(121,212)	8.00%	14 / 12	(11,313)
2015 January								
Storage Inventory Recovery	3,450	3.1009	10,698					
Reimbursement of NFGSC Transfer Fee	1,605,470	3.1009	4,978,402					
Market Rate Differential	1,902,565	3.1009	5,898,664					
City Gate Imbalance			2,184					
Sales Cashout			12					
NGV	4,127	3.9765	16,411					
LBS - Commodity	0	3.1009	10,914,551	10,815,080	99,501	8.00%	13 / 12	8,623
February								
Storage Inventory Recovery	1,903,412	3.1009	5,902,290					
Reimbursement of NFGSC Transfer Fee	2,151,658	2.1373	4,598,739					
Market Rate Differential	12,071	2.1373	25,799					
City Gate Imbalance			1,582					
Sales Cashout			27					
NGV	4,499	3.9765	17,890					
LBS - Commodity	0	3.1009	10,598,573	13,124,742	(2,525,764)	8.00%	12 / 12	(202,061)
March								
Storage Inventory Recovery	1,773,314	3.1009	5,498,669					
Reimbursement of NFGSC Transfer Fee	1,963,654	2.1373	4,240,091					
Market Rate Differential			0					
City Gate Imbalance			7,042					
Sales Cashout	4,800	3	14,099					
NGV	0	2	10,105,001	8,428,081	1,676,920	8.00%	11 / 12	122,974
LBS - Commodity	0							

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 PENNSYLVANIA DIVISION
 STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
 TWELVE MONTHS ENDED JULY 2015

Settlement 3/2015
 COMMODITY

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Expense(Income) Interest Amount \$ (8=5x6x7)
April								
NGV	1,944,735	3.1009	6,080,429					
LBS - Commodity	0	3.1009	0					
	<u>1,944,735</u>		<u>6,080,429</u>	<u>3,516,052</u>	<u>2,514,377</u>	<u>8.00%</u>	<u>10 / 12</u>	<u>167,625</u>
May								
NGV	1,072,861	3.1009	3,326,835					
LBS - Commodity	0	3.1009	0					
	<u>1,072,861</u>		<u>3,326,835</u>	<u>1,292,893</u>	<u>2,033,942</u>	<u>8.00%</u>	<u>9 / 12</u>	<u>122,037</u>
June								
NGV	537,732	3.1009	1,667,453					
LBS - Commodity	0	3.1009	0					
	<u>537,732</u>		<u>1,667,453</u>	<u>663,159</u>	<u>1,004,294</u>	<u>8.00%</u>	<u>8 / 12</u>	<u>59,562</u>
July								
NGV	329,892	3.1009	1,022,962					
LBS - Commodity	0	3.1009	0					
	<u>329,892</u>		<u>1,022,962</u>	<u>618,007</u>	<u>404,955</u>	<u>8.00%</u>	<u>7 / 12</u>	<u>18,898</u>
Total	<u>20,745,565</u>		<u>63,032,893</u>	<u>56,838,017</u>	<u>6,194,876</u>			<u>463,207</u>

PGC Exhibit 21
 Schedule 8
 Sheet 3
 COMMODITY
 Settlement
 3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Reconciliation of Interest on Over(Under) Collections
Twelve Months Ended July 2014

	<u>Amount</u>
	\$
Estimated Undercollection of gas cost for the twelve month period August 2013 through July 2014 calculated in PGC 2013 (Schedule 7, Sheets 2 - 4)	(3,740,752)
Net Interest Expense (Income) to be refunded (Schedule 7, Sheets 2 - 4)	<u>(426,662)</u>
Total Estimate For the Twelve Months Ended July 2014	<u>(4,167,414)</u>
Actual Undercollection of gas cost for the twelve month period August 2013 through July 2014 (Schedule 7, Sheets 5 - 7)	(3,740,752)
Net Interest Expense (Income) to be refunded (Schedule 7, Pages 5 - 7)	<u>(426,662)</u>
Total Actual For the Twelve Months Ended July 2014	<u>(4,167,414)</u>
Amount to be Refunded	<u><u>0</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 PENNSYLVANIA DIVISION
 STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
 TWELVE MONTHS ENDED JULY 2014 (ESTIMATE)

Settlement 3/2015
 COMMODITY

	Sales Mcf	PGC Rate \$/Mcf	PGC Revenue \$	Cost of Fuel \$	Over(Under) Collections \$	Interest Rate %	Interest Weight	Interest Amount \$
	(1)	(2)	(3=1x2)	(4)	(5=3-4)	(6)	(7)	(8=5x6x7)
2013 August								
Storage Inventory Recovery	164,645	4.0707	670,220					
Reimbursement of NFGSC Transfer Fee	156,383	4.2138	658,967					
Market Rate Differential			48,755					
City Gate Imbalance			19					
Sales Cashout			4					
NGV	391	5.0012	1,955					
LBS - Commodity	1,321	4.0707	5,377					
	<u>322,740</u>		<u>1,385,455</u>	160,549	1,224,906	8.00%	18 / 12	146,989
September								
	0	0.0000	0					
	392,929	4.2138	1,655,724					
Storage Inventory Recovery			72,451					
Reimbursement of NFGSC Transfer Fee			15					
Market Rate Differential			3					
City Gate Imbalance			107					
Sales Cashout			81					
NGV	369	5.1250	1,891					
LBS - Commodity	2,135	4.2138	8,996					
	<u>395,433</u>		<u>1,739,268</u>	(4,457,203)	6,196,471	8.00%	17 / 12	702,267
October								
Storage Inventory Recovery	554,961	4.2138	2,338,495					
Reimbursement of NFGSC Transfer Fee			97,528					
Market Rate Differential			8					
City Gate Imbalance			5					
Sales Cashout			8,220					
NGV	390	5.1250	3,590					
LBS - Commodity	1,603	4.2138	6,755					
	<u>556,954</u>		<u>2,456,600</u>	3,519,628	(1,063,028)	8.00%	16 / 12	(113,390)
November								
Storage Inventory Recovery	738,496	4.2138	3,111,874					
Reimbursement of NFGSC Transfer Fee	630,902	3.7234	2,349,101					
Market Rate Differential			99,320					
City Gate Imbalance			8					
Sales Cashout			(64)					
NGV	408	5.1250	11,731					
LBS - Commodity	1,026	4.2138	4,323					
	<u>1,370,832</u>		<u>5,578,928</u>	9,924,661	(4,345,733)	8.00%	15 / 12	(434,573)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 PENNSYLVANIA DIVISION
 STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
 TWELVE MONTHS ENDED JULY 2014 (ESTIMATE)

COMMODITY

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
December								
Storage Inventory Recovery	6,320	4.2138	26,631					
Reimbursement of NFGSC Transfer Fee	2,792,027	3.7234	10,395,833					
Market Rate Differential			85,577					
City Gate Imbalance			23					
Sales Cashout			174					
NGV	389	4.6370	283,786					
LBS - Commodity	91	3.7234	1,804					
	<u>2,798,827</u>		<u>10,794,167</u>	12,970,124	(2,175,957)	8.00%	14 / 12	(203,089)
2014								
Storage Inventory Recovery	3,685,458	3.7234	13,722,434					
Reimbursement of NFGSC Transfer Fee			30,181					
Market Rate Differential			23					
City Gate Imbalance			5					
Sales Cashout			3,479					
NGV	329	4.6370	135,735					
LBS - Commodity	0	3.7234	1,526					
	<u>3,685,787</u>		<u>13,893,383</u>	19,440,006	(5,546,623)	8.00%	13 / 12	(480,707)
February								
Storage Inventory Recovery	3,973,434	3.7234	14,794,684					
Reimbursement of NFGSC Transfer Fee	0	3.7234	33,307					
Market Rate Differential			19					
City Gate Imbalance			648					
Sales Cashout			566					
NGV	393	4.6370	638,825					
LBS - Commodity	0	3.7234	1,822					
	<u>3,973,827</u>		<u>15,469,871</u>	19,949,949	(4,480,078)	8.00%	12 / 12	(358,406)
March								
Storage Inventory Recovery	3,587,072	3.7234	13,356,104					
Reimbursement of NFGSC Transfer Fee			0					
Market Rate Differential			2,115					
City Gate Imbalance			0					
Sales Cashout			654,141					
NGV	575	4.6370	2,666					
LBS - Commodity	0	3.7234	0					
	<u>3,587,647</u>		<u>14,015,026</u>	17,115,396	(3,100,370)	8.00%	11 / 12	(227,360)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ESTIMATE)

COMMODITY

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
April								
Storage Inventory Recovery	2,426,952	3.7234	9,036,513					
Reimbursement of NFGSC Transfer Fee			0					
Market Rate Differential			1,688					
City Gate Imbalance			594					
Sales Cashout	861	4.6370	3,992					
NGV	103	3.7234	384					
LBS - Commodity	2,427,916		9,426,018	7,333,194	2,092,824	8.00%	10 / 12	139,522
May								
Storage Inventory Recovery	686,327	3.7234	2,555,470					
Reimbursement of NFGSC Transfer Fee	593,985	4.9918	2,965,054					
Market Rate Differential			3,853					
City Gate Imbalance			15					
Sales Cashout	879	4.6370	4,076					
NGV	0	3.7234	0					
LBS - Commodity	1,281,191		5,537,767	2,352,171	3,185,596	8.00%	9 / 12	191,136
June								
Storage Inventory Recovery	501,179	4.9918	2,501,785					
Reimbursement of NFGSC Transfer Fee			8,234					
Market Rate Differential			23					
City Gate Imbalance			984					
Sales Cashout	973	5.6362	5,484					
NGV	0	4.9918	0					
LBS - Commodity	502,152		2,518,192	774,139	1,744,053	8.00%	8 / 12	93,016
July								
Storage Inventory Recovery	297,281	4.9918	1,483,967					
Reimbursement of NFGSC Transfer Fee			2,903					
Market Rate Differential			12					
City Gate Imbalance			0					
Sales Cashout	10,722	5.6362	60,431					
NGV	483	4.9918	2,411					
LBS - Commodity	308,486		1,567,641	(959,546)	2,527,187	8.00%	7 / 12	117,935
Total	21,211,792		84,392,316	88,123,068	(3,740,752)			(426,662)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 PENNSYLVANIA DIVISION
 STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
 TWELVE MONTHS ENDED JULY 2014 (ACTUAL)

Settlement 3/2015
 COMMODITY

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
2013 August	164,645	4.0707	670,220					
Storage Inventory Recovery	156,963	4.2138	658,967					
Reimbursement of NFGSC Transfer Fee			48,755					
Market Rate Differential			19					
City Gate Imbalance			4					
Sales Cashout			0					
NGV	391	5.0012	1,955					
LBS - Commodity	1,321	4.0707	5,377	160,549	1,224,906	8.00%	18 / 12	146,989
	<u>322,740</u>		<u>1,385,455</u>					
September	0	0.0000	0					
Storage Inventory Recovery	392,929	4.2138	1,655,724					
Reimbursement of NFGSC Transfer Fee			72,451					
Market Rate Differential			15					
City Gate Imbalance			3					
Sales Cashout			107					
NGV	369	5.1250	1,891					
LBS - Commodity	2,135	4.2138	8,996	(4,457,203)	6,196,471	8.00%	17 / 12	702,267
	<u>395,433</u>		<u>1,739,268</u>					
October	554,961	4.2138	2,338,495					
Storage Inventory Recovery			97,528					
Reimbursement of NFGSC Transfer Fee			8					
Market Rate Differential			5					
City Gate Imbalance			8,220					
Sales Cashout			3,590					
NGV	390	5.1250	1,999					
LBS - Commodity	1,603	4.2138	6,755	3,519,629	(1,063,029)	8.00%	16 / 12	(113,390)
	<u>556,354</u>		<u>2,456,600</u>					
November	738,496	4.2138	3,111,874					
Storage Inventory Recovery	630,902	3.7234	2,349,101					
Reimbursement of NFGSC Transfer Fee			99,320					
Market Rate Differential			8					
City Gate Imbalance			(64)					
Sales Cashout			544					
NGV	408	5.1250	11,731					
LBS - Commodity	1,026	4.2138	4,323	9,924,661	(4,345,733)	8.00%	15 / 12	(434,573)
	<u>1,370,632</u>		<u>5,578,928</u>					

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ACTUAL)

COMMODITY

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
December								
Storage Inventory Recovery	6,320	4.2138	26,631					
Reimbursement of NFGSC Transfer Fee	2,792,027	3.7234	10,395,833					
Market Rate Differential			85,577					
City Gate Imbalance			23					
Sales Cashout			174					
NGV	389	4.6370	283,786					
LBS - Commodity	91	3.7234	1,804					
	<u>2,798,827</u>		<u>10,794,167</u>	12,970,124	(2,175,957)	8.00%	14 / 12	(203,089)
2014								
Storage Inventory Recovery	3,685,458	3.7234	13,722,434					
Reimbursement of NFGSC Transfer Fee			30,181					
Market Rate Differential			23					
City Gate Imbalance			5					
Sales Cashout			3,479					
NGV	329	4.6370	135,735					
LBS - Commodity	0	3.7234	1,526					
	<u>3,685,787</u>		<u>13,893,383</u>	19,440,006	(5,546,623)	8.00%	13 / 12	(480,707)
February								
Storage Inventory Recovery	3,973,434	3.7234	14,794,684					
Reimbursement of NFGSC Transfer Fee	0	3.7234	33,307					
Market Rate Differential			19					
City Gate Imbalance			648					
Sales Cashout			566					
NGV	393	4.6370	638,825					
LBS - Commodity	0	3.7234	1,822					
	<u>3,973,827</u>		<u>15,469,871</u>	19,949,951	(4,480,079)	8.00%	12 / 12	(358,406)
March								
Storage Inventory Recovery	3,587,072	3.7234	13,356,104					
Reimbursement of NFGSC Transfer Fee	0		0					
Market Rate Differential			2,115					
City Gate Imbalance			0					
Sales Cashout			654,141					
NGV	575	4.6370	2,666					
LBS - Commodity	0	3.7234	0					
	<u>3,587,647</u>		<u>14,015,026</u>	17,115,394	(3,100,368)	8.00%	11 / 12	(227,360)

PGC Exhibit 21
Schedule 7
Sheet 6 of 7
COMMODITY
Settlement
3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 PENNSYLVANIA DIVISION
 STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
 TWELVE MONTHS ENDED JULY 2014 (ACTUAL)

Settlement 3/2015
 COMMODITY

	Sales M/cf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
April								
Storage Inventory Recovery	2,426,952	3.7234	9,036,513					
Reimbursement of NFGSC Transfer Fee			0					
Market Rate Differential			1,688					
City Gate Imbalance			594					
Sales Cashout			382,847					
NGV	861	4.6370	3,992					
LBS - Commodity	103	3.7234	384					
	<u>2,427,916</u>		<u>9,426,018</u>	<u>7,333,194</u>	<u>2,092,824</u>	<u>8.00%</u>	<u>10 / 12</u>	<u>139,522</u>
May								
Storage Inventory Recovery	686,327	3.7234	2,555,470					
Reimbursement of NFGSC Transfer Fee	593,985	4.9918	2,965,054					
Market Rate Differential			3,853					
City Gate Imbalance			15					
Sales Cashout			0					
NGV	879	4.6370	4,076					
LBS - Commodity	0	3.7234	0					
	<u>1,281,191</u>		<u>5,537,767</u>	<u>2,352,171</u>	<u>3,185,596</u>	<u>8.00%</u>	<u>9 / 12</u>	<u>191,136</u>
June								
Storage Inventory Recovery	501,179	4.9918	2,501,785					
Reimbursement of NFGSC Transfer Fee			8,234					
Market Rate Differential			23					
City Gate Imbalance			0					
Sales Cashout			984					
NGV	973	5.6362	5,484					
LBS - Commodity	0	4.9918	0					
	<u>502,152</u>		<u>2,518,192</u>	<u>774,139</u>	<u>1,744,053</u>	<u>8.00%</u>	<u>8 / 12</u>	<u>93,016</u>
July								
Storage Inventory Recovery	297,261	4.9918	1,483,967					
Reimbursement of NFGSC Transfer Fee			2,903					
Market Rate Differential			12					
City Gate Imbalance			0					
Sales cashout			1,201					
NGV	10,722	5.6362	60,431					
LBS - Commodity	483	4.9918	2,411					
	<u>308,486</u>		<u>1,567,641</u>	<u>(959,546)</u>	<u>2,527,187</u>	<u>8.00%</u>	<u>7 / 12</u>	<u>117,935</u>
Total			<u>84,382,316</u>	<u>88,123,069</u>	<u>(3,740,752)</u>			<u>(426,662)</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Reconciliation of Interest on Over(Under) Collections
Twelve Months Ended July 2014

	<u>Amount</u>
	\$
Estimated Overcollection of gas cost for the twelve month period August 2013 through July 2014 calculated in PGC 2014 (Schedule 7, Sheets 2 - 3)	1,071,434
Net Interest Expense (Income) to be refunded (Schedule 7, Sheets 2 - 3)	<u>78,523</u>
Total Estimate For the Twelve Months Ended July 2014	<u>1,149,957</u>
Actual Overcollection of gas cost for the twelve month period August 2013 through July 2014 (Schedule 7, Sheets 4 - 5)	1,071,434
Net Interest Expense (Income) to be refunded (Schedule 7, Sheets 4 - 5)	<u>78,523</u>
Total Actual For the Twelve Months Ended July 2014	<u>1,149,957</u>
Amount to be Refunded	<u><u>0</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ESTIMATE)

Settlement 3/2015
DEMAND - DC

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
2013 August	164,645	0.2850	46,924					
SATC	156,383	0.2618	40,941					
SATC	31,174	0.2850	8,885					
	30,008	0.2618	7,856					
	<u>382,210</u>		<u>104,606</u>	452,074	(347,468)	8.00%	18 / 12	(41,696)
September	0	0.2850	0					
SATC	392,929	0.2618	102,869					
SATC	0	0.2850	0					
	75,601	0.2618	19,792					
	<u>468,530</u>		<u>122,661</u>	452,074	(329,413)	8.00%	17 / 12	(37,333)
October	554,961	0.2618	145,289					
SATC	108,378	0.2618	28,373					
	663,339		173,662	452,074	(278,412)	8.00%	16 / 12	(29,697)
November	738,496	0.2618	193,338					
SATC	630,902	0.2607	164,476					
SATC	143,797	0.2618	37,646					
	119,652	0.2607	31,193					
	<u>1,632,847</u>		<u>426,653</u>	452,074	(25,421)	8.00%	15 / 12	(2,542)
December	6,320	0.2618	1,655					
SATC	2,792,027	0.2607	727,861					
SATC	1,172	0.2618	307					
	542,570	0.2607	141,448					
	<u>3,342,089</u>		<u>871,291</u>	452,074	419,217	8.00%	14 / 12	39,127
2014 January	3,685,458	0.2607	960,799					
SATC	723,281	0.2607	188,559					
	4,408,739		1,149,358	452,240	697,118	8.00%	13 / 12	60,417

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ESTIMATE)

Settlement 3/2015
DEMAND - DC

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
February	0	0.2607	0					
SATC	3,973,434	0.2607	1,035,874					
SATC	0	0.2607	0					
	781,660	0.2607	203,779	452,240	787,413	8.00%	12 / 12	62,993
	<u>4,755,094</u>		<u>1,239,653</u>					
March	3,587,072	0.2607	935,150					
SATC	713,249	0.2607	185,944					
	<u>4,300,321</u>		<u>1,121,094</u>	452,240	668,854	8.00%	11 / 12	49,049
April	2,426,952	0.2607	632,706					
SATC	483,544	0.2607	126,060					
	<u>2,910,496</u>		<u>758,766</u>	452,240	306,526	8.00%	10 / 12	20,435
May	686,327	0.2607	178,925					
SATC	593,985	0.1892	112,382					
SATC	137,460	0.2607	35,836					
	113,883	0.1892	21,547					
	<u>1,531,655</u>		<u>348,690</u>	452,240	(103,550)	8.00%	9 / 12	(6,213)
June	501,179	0.1892	94,823					
SATC	100,246	0.1892	18,967					
	<u>601,425</u>		<u>113,790</u>	452,240	(338,450)	8.00%	8 / 12	(18,051)
July	297,281	0.1892	56,246					
SATC	58,214	0.1892	11,014					
	<u>355,495</u>		<u>67,260</u>	452,240	(384,960)	8.00%	7 / 12	(17,966)
Total	25,352,240		6,497,484	5,426,050	1,071,434			78,523

PGC Exhibit 21
Schedule 7
Sheet 3 of 5
DEMAND - DC
Settlement 3/2015

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ACTUAL)**

Settlement 3/2015
DEMAND - DC

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
2013 August	164,645	0.2850	46,924					
SATC	156,383	0.2618	40,941					
SATC	31,174	0.2850	8,885					
	30,008	0.2618	7,856					
	<u>382,210</u>		<u>104,606</u>	452,074	(347,468)	8.00%	18 / 12	(41,696)
September	0	0.2850	0					
SATC	392,929	0.2618	102,869					
SATC	0	0.2850	0					
	75,601	0.2618	19,792					
	<u>468,530</u>		<u>122,661</u>	452,074	(329,413)	8.00%	17 / 12	(37,333)
October	554,961	0.2618	145,289					
SATC	108,378	0.2618	28,373					
	<u>663,339</u>		<u>173,662</u>	452,074	(278,412)	8.00%	16 / 12	(29,697)
November	738,496	0.2618	193,338					
SATC	630,902	0.2607	164,476					
SATC	143,797	0.2618	37,646					
	119,652	0.2607	31,193					
	<u>1,632,847</u>		<u>426,653</u>	452,074	(25,421)	8.00%	15 / 12	(2,542)
December	6,320	0.2618	1,655					
SATC	2,792,027	0.2607	727,881					
SATC	1,172	0.2618	307					
	542,570	0.2607	141,448					
	<u>3,342,089</u>		<u>871,291</u>	452,074	419,217	8.00%	14 / 12	39,127
2014 January	3,685,458	0.2607	960,799					
SATC	723,281	0.2607	188,559					
	<u>4,408,739</u>		<u>1,149,358</u>	452,240	697,118	8.00%	13 / 12	60,417

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ACTUAL)

Settlement 3/2015
DEMAND - DC

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
February								
	0	0.2607	0					
SATC	3,973,434	0.2607	1,035,874					
SATC	0	0.2607	0					
	781,660	0.2607	203,779					
	<u>4,755,094</u>		<u>1,239,653</u>	452,240	787,413	8.00%	12 / 12	62,993
March								
	3,587,072	0.2607	935,150					
SATC	713,249	0.2607	185,944					
	<u>4,300,321</u>		<u>1,121,094</u>	452,240	668,854	8.00%	11 / 12	49,049
April								
	2,426,952	0.2607	632,706					
SATC	483,544	0.2607	126,060					
	<u>2,910,496</u>		<u>758,766</u>	452,240	306,526	8.00%	10 / 12	20,435
May								
	686,327	0.2607	178,925					
	593,985	0.1892	112,382					
	137,460	0.2607	35,836					
SATC	113,883	0.1892	21,547					
	<u>1,531,655</u>		<u>348,690</u>	452,240	(103,550)	8.00%	9 / 12	(6,213)
June								
	501,179	0.1892	94,823					
SATC	100,246	0.1892	18,967					
	<u>601,425</u>		<u>113,790</u>	452,240	(338,450)	8.00%	8 / 12	(18,051)
July								
	297,281	0.1892	56,246					
SATC	58,214	0.1892	11,014					
	<u>355,495</u>		<u>67,260</u>	452,240	(384,980)	8.00%	7 / 12	(17,966)
Total	25,352,240		6,497,484	5,426,050	1,071,434			78,523

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Reconciliation of Interest on Over(Under) Collections
Twelve Months Ended July 2014

	<u>Amount</u>
	\$
Estimated Overcollection of gas cost for the twelve month period August 2013 through July 2014 calculated in PGC-2014 (Schedule 7, Sheets 2 - 4)	7,243,963
Net Interest Expense (Income) to be collected (Schedule 7, Sheets 2 - 4)	<u>475,208</u>
Total Estimate For the Twelve Months Ended July 2014	<u>7,719,171</u>
Actual Overcollection of gas cost for the twelve month period August 2013 through July 2014 (Schedule 7, Sheets 5 - 7)	7,243,963
Net Interest Expense (Income) to be collected (Schedule 7, Sheets 5 - 7)	<u>475,208</u>
Total Actual For the Twelve Months Ended July 2014	<u>7,719,171</u>
Amount to be Refunded	<u><u>0</u></u>

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ESTIMATE)**

Settlement 3/2015
DEMAND - NGS

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
2013 August								
Standby/Priority	154,645	1.6914	278,481					
Standby Overruns	156,383	1.6703	261,207					
LBS - Demand			33,899					
Overdelivery/Upstream Cap. Surcharge	93	0.9305	39					
			87					
	321,028		52,794	482,274	144,233	8.00%	18	17,308
			626,507					
September								
Standby/Priority			0					
Standby Overruns	392,929	1.6703	656,309					
LBS - Demand			40,431					
Overdelivery/Upstream Cap. Surcharge	93	0.9112	31					
			85					
	392,929		47,336	525,919	218,273	8.00%	17	24,738
			744,192					
October								
Standby/Priority	554,961	1.6703	926,951					
Standby Overruns			67,221					
LBS - Demand			66					
Overdelivery/Upstream Cap. Surcharge	93	0.9112	85					
			35,047					
	554,961		1,029,370	993,219	36,151	8.00%	16	3,856
November								
Standby/Priority	738,496	1.6703	1,233,510					
Standby Overruns	630,902	1.6765	1,057,707					
LBS - Demand			118,470					
Overdelivery/Upstream Cap. Surcharge	93	0.9112	205					
			85					
	1,369,398		37,217	3,703,199	(1,256,005)	8.00%	15	(125,600)
			2,447,194					

PGC Exhibit 21
Schedule 7
Sheet 2 of 7
DEMAND - NGS
Settlement 3/2015

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ESTIMATE)**

Settlement 3/2015
DEMAND - NGS

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
December								
Standby/Priority	6,320	1.6703	10,556					
Standby Overruns	2,792,027	1.6765	4,680,833					
LBS - Demand			171,595					
Overdelivery/Upstream Cap. Surcharge	93	0.9136	85					
	<u>2,798,347</u>		<u>4,901,046</u>	5,095,267	(194,221)	8.00%	14 / 12	(18,127)
2014								
Standby/Priority	3,685,458	1.6765	6,178,670					
Standby Overruns			205,922					
LBS - Demand	0	0.9136	0					
Overdelivery/Upstream Cap. Surcharge			58,240	6,387,141	58,424	8.00%	13 / 12	5,063
	<u>3,685,458</u>		<u>6,445,565</u>					
February								
Standby/Priority	3,973,434	1.6765	6,661,462					
Standby Overruns		1.6765	0					
LBS - Demand			192,547					
Overdelivery/Upstream Cap. Surcharge	0	0.9136	1,080					
	<u>3,973,434</u>		<u>44,508</u>	4,713,923	2,185,674	8.00%	12 / 12	174,854
			<u>6,899,597</u>					
March								
Standby/Priority	3,587,072	1.6765	6,013,726					
Standby Overruns			175,844					
LBS - Demand			899					
Overdelivery/Upstream Cap. Surcharge	0	0.9136	0					
	<u>3,587,072</u>		<u>43,224</u>	5,509,056	724,637	8.00%	11 / 12	53,140
			<u>6,233,693</u>					

PGC Exhibit 21
Schedule 7
Sheet 3 of 7
DEMAND - NGS
Settlement 3/2015

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ESTIMATE)**

Settlement 3/2015
DEMAND - NGS

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
April								
Standby/Priority	2,426,952	1.6765	4,068,785					
Standby Overruns			113,556					
LBS - Demand	97	0.9136	89					
Overdelivery/Upstream Cap. Surcharge	<u>2,426,952</u>		<u>44,907</u>	1,318,652	2,910,112	8.00%	10 / 12	194,007
			<u>4,228,764</u>					
May								
Standby/Priority	686,327	1.6765	1,150,627					
Standby Overruns	593,985	1.1771	699,180					
LBS - Demand	97	0.9136	89					
Overdelivery/Upstream Cap. Surcharge	<u>1,280,312</u>		<u>46,373</u>	(423,485)	2,383,967	8.00%	9 / 12	143,038
			<u>1,960,482</u>					
June								
Standby/Priority	501,179	1.1771	589,938					
Standby Overruns			37,731					
LBS - Demand	97	0.6444	63					
Overdelivery/Upstream Cap. Surcharge	<u>501,179</u>		<u>42,838</u>	480,122	210,700	8.00%	8 / 12	11,237
			<u>670,822</u>					
July								
Standby/Priority	297,281	1.1771	349,929					
Standby Overruns			34,197					
LBS - Demand	97	0.6444	63					
Overdelivery/Upstream Cap. Surcharge	<u>297,281</u>		<u>42,903</u>	605,086	(177,982)	8.00%	7 / 12	(8,306)
			<u>427,104</u>					
Total	21,188,351		36,614,336	29,370,373	7,243,963			475,208

PGC Exhibit 21
Schedule 7
Sheet 4 of 7
DEMAND - NGS
Settlement 3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ACTUAL)

Settlement 3/2015
DEMAND - NGS

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
2013 August								
Standby/Priority	164,645	1.6914	278,481					
Standby Overruns	196,383	1.6703	261,207					
LBS - Demand	93	0.9305	33,899					
Overdelivery/Upstream Cap. Surcharge	321,028		52,794	482,274	144,233	8.00%	18	17,308
			<u>626,507</u>					
September								
Standby/Priority	0	-	0					
Standby Overruns	392,929	1.6703	656,309					
LBS - Demand	93	0.9112	40,431					
Overdelivery/Upstream Cap. Surcharge	392,929		31	525,919	218,273	8.00%	17	24,738
			<u>744,192</u>					
October								
Standby/Priority	554,961	1.6703	926,951					
Standby Overruns			67,221					
LBS - Demand	93	0.9112	66					
Overdelivery/Upstream Cap. Surcharge	554,961		85	993,219	36,151	8.00%	16	3,856
			<u>1,029,370</u>					
November								
Standby/Priority	738,496	1.6703	1,233,510					
Standby Overruns	630,902	1.6765	1,057,707					
LBS - Demand	93	0.9112	118,470					
Overdelivery/Upstream Cap. Surcharge	1,369,398		205	3,703,200	(1,256,006)	8.00%	15	(125,601)
			<u>37,217</u>					
			<u>2,447,194</u>					

PGC Exhibit 21
Schedule 7
Sheet 5 of 7
DEMAND - NGS
Settlement 3/2015

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ACTUAL)

Settlement 3/2015
DEMAND - NGS

	Sales Mcf (1)	PGC Rate \$/Mcf (2)	PGC Revenue \$ (3=1x2)	Cost of Fuel \$ (4)	Over(Under) Collections \$ (5=3-4)	Interest Rate % (6)	Interest Weight (7)	Interest Amount \$ (8=5x6x7)
December								
Standby/Priority	6,320	1.6703	10,556					
Standby Overruns	2,792,027	1.6765	4,680,833					
LBS - Demand			171,595					
Overdelivery/Upstream Cap. Surcharge	93	0.9136	85					
	<u>2,798,347</u>		<u>4,901,046</u>	5,095,267	(194,221)	8.00%	14 / 12	(18,127)
2014								
Standby/Priority	3,685,458	1.6765	6,178,670					
Standby Overruns			205,922					
LBS - Demand	0	0.9136	0					
Overdelivery/Upstream Cap. Surcharge	3,685,458		58,240	6,387,141	58,424	8.00%	13 / 12	5,063
	<u>3,973,434</u>		<u>6,445,565</u>	4,713,922	2,185,675	8.00%	12 / 12	174,854
February								
Standby/Priority	3,973,434	1.6765	6,661,462					
Standby Overruns	0	1.6765	0					
LBS - Demand			192,547					
Overdelivery/Upstream Cap. Surcharge	0	0.9136	1,080					
	<u>3,973,434</u>		<u>44,508</u>	6,899,597	4,713,922	8.00%	12 / 12	174,854
March								
Standby/Priority	3,587,072	1.6765	6,013,726					
Standby Overruns			175,844					
LBS - Demand			899					
Overdelivery/Upstream Cap. Surcharge	0	0.9136	0					
	<u>3,587,072</u>		<u>43,224</u>	5,509,056	724,637	8.00%	11 / 12	53,140

**NATIONAL FUEL GAS DISTRIBUTION CORPORATION
PENNSYLVANIA DIVISION
STATEMENT OF TOTAL OVER(UNDER) COLLECTIONS
TWELVE MONTHS ENDED JULY 2014 (ACTUAL)**

Settlement 3/2015
DEMAND - NGS

	Mcf	Sales \$ /Mcf	PGC Rate \$/Mcf	PGC Revenue \$	Cost of Fuel \$	Over(Under) Collections \$	Interest Rate %	Interest Weight	Interest Amount \$
	(1)	(2)	(3=1x2)	(4)	(5=3-4)	(6)	(7)	(8=5x6x7)	
April									
Standby/Priority		2,426,952	1.6765	4,068,785					
Standby Overruns				113,556					
LBS - Demand		97	0.9136	89					
Overdelivery/Upstream Cap. Surcharge		<u>2,426,952</u>		<u>4,228,764</u>	1,318,653	2,910,111	8.00%	10 / 12	194,007
May									
Standby/Priority		686,327	1.6765	1,150,627					
Standby Overruns		593,985	1.1771	699,180					
LBS - Demand				64,196					
Overdelivery/Upstream Cap. Surcharge		97	0.9136	89					
		<u>1,280,312</u>		<u>1,960,482</u>	(423,484)	2,383,966	8.00%	9 / 12	143,038
June									
Standby/Priority		501,179	1.1771	589,938					
Standby Overruns				37,731					
LBS - Demand				252					
Overdelivery/Upstream Cap. Surcharge		97	0.6444	63					
		<u>501,179</u>		<u>670,822</u>	460,123	210,699	8.00%	8 / 12	11,237
July									
Standby/Priority		297,281	1.1771	349,929					
Standby Overruns				34,197					
LBS - Demand		97	0.6444	63					
Overdelivery/Upstream Cap. Surcharge		<u>297,281</u>		<u>42,903</u>	605,086	(177,982)	8.00%	7 / 12	(8,306)
Total		21,188,351		36,614,336	29,370,374	7,243,963			475,208

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over(Under) Collection Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u> \$	<u>Amount</u> \$
Reconciliation of over/(under)collection of gas cost for the twelve month period August 2012 through July 2013 originating in PGC 2013		
Estimated amount refunded/(recovered) during the period August 2013 through July 2014		1,547,077
Actual amount refunded/(recovered) during the period August 2013 through July 2014		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2013	0.5169	345,219
September 2013	(0.0308)	421,920
October 2013	(0.0308)	595,190
November 2013	0.0156	1,463,084
December 2013	0.0698	2,971,069
January - July 2014	0.0700	16,500,868
		<u>22,297,350</u>
		<u>1,532,383</u>
MIGRATION		
August 2013	0.8040	2,453
September 2013	(0.0308)	6,173
October 2013	(0.0308)	6,999
November 2013	(0.0089)	13,094
December 2013	0.0669	21,849
January - July 2014	0.0700	168,272
		<u>218,840</u>
		<u>14,691</u>
		<u>1,547,074</u>
Amount to be Refunded		<u><u>3</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over(Under) Collection Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u> \$	<u>Amount</u> \$		
Estimated balance of over/(under)collection of gas cost for the twelve month period August 2013 through July 2014 originating in PGC 2014				
Estimated over/(under)collections of gas cost for the twelve month period August 2014 through July 2015		(4,569,052)		
Estimated amount refunded/(recovered) during the period August 2014 through July 2015				
SALES	<u>Rate</u>	<u>Mcf</u>	<u>Refund/(Surcharge)</u>	
August 2014 - July rate	0.0700	159,243	11,147	
August 2014 - August rate	(0.4187)	163,012	(68,253)	
September 2014	(0.4187)	385,133	(161,255)	
October 2014	(0.4187)	645,910	(270,443)	
November 2014 - October rate	(0.4187)	714,692	(299,241)	
November 2014 - November rate	(0.2716)	678,905	(184,391)	
December 2014 - October rate	(0.4187)	6,938	(2,905)	
December 2014 - November rate	(0.2716)	2,663,891	(723,513)	
January 2015 - July 2015	(0.2716)	15,027,197	(4,081,387)	
		<u>20,444,922</u>	<u>(5,780,241)</u>	
MIGRATION		<u>MMNGS Mcf</u>	<u>SATC Mcf</u>	
August 2014 - July rate	0.0700	8,752	5,685	1,011
August 2014 - August rate	(0.4187)	1,434	5,707	(2,990)
September 2014	(0.4187)	11,801	12,345	(10,110)
October 2014	(0.4187)	10,415	19,378	(12,474)
November 2014 - October rate	(0.4187)	14,408	20,125	(14,459)
November 2014 - November rate	(0.2716)	4,469	18,838	(6,330)
December 2014 - October rate	(0.4187)	1,303	163	(614)
December 2014 - November rate	(0.2716)	34,492	70,412	(28,492)
January - July 2015	(0.2716)	142,577	269,355	(111,881)
		<u>229,652</u>	<u>422,008</u>	<u>(186,340)</u>
				<u>(5,966,580)</u>
Amount to be Refunded		In PGC 2015		<u>1,397,528</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over(Under) Collection Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u> \$	<u>Amount</u> \$
Reconciliation of over/(under)collection of gas cost for the twelve month period August 2012 through July 2013 originating in PGC 2013		
Estimated amount refunded/(recovered) during the period August 2013 through July 2014		1,830,612
Actual amount refunded/(surcharged) during the period August 2013 through July 2014		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2013	(0.0827)	343,507
September 2013	0.1476	419,416
October 2013	0.1476	593,197
November 2013	0.1157	1,461,650
December 2013	0.0783	2,970,589
January - July 2014	0.0782	16,485,550
		<u>22,273,908</u>
		<u>1,811,934</u>
LBS & NGV		
August 2013	(0.1408)	484
September - November 2013	0.0696	1,446
December 2013 - July 2014	0.0368	15,601
		<u>17,531</u>
		<u>607</u>
MIGRATION		
August 2013	(0.2035)	2,453
September 2013	0.1476	6,173
October 2013	0.1476	6,999
November 2013	0.1325	13,094
December 2013	0.0804	21,849
January - July 2014	0.0782	168,272
		<u>218,840</u>
		<u>18,095</u>
Amount to be Recovered		<u>1,830,636</u> <u>(24)</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over(Under) Collection Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u>	<u>Amount</u>		
	\$	\$		
Estimated balance of over/(under)collection of gas cost for the twelve month period August 2013 through July 2014 originating in PGC 2014				
 Estimated over/(under)collection of gas cost for the twelve month period August 2014 through July 2015		7,417,775		
 Estimated amount refunded/(recovered) during the period August 2014 through July 2015				
SALES	<u>Rate</u>	<u>Mcf</u>	<u>Refund</u>	
August 2014 - July rate	0.0782	159,243	12,453	
August 2014 - August rate	0.4660	158,818	74,009	
September 2014	0.4660	379,298	176,753	
October 2014	0.4660	640,907	298,663	
November 2014 - October rate	0.4660	714,692	333,046	
November 2014 - November rate	0.4591	676,221	310,453	
December 2014 - October rate	0.4660	6,938	3,233	
December 2014 - November rate	0.4591	2,659,429	1,220,944	
January - July 2015	0.4591	15,013,771	6,892,822	
		<u>20,409,318</u>	<u>9,322,376</u>	
LBS & NGV				
August 2014	0.2210	3,712	820	
September 2014	0.2210	3,981	880	
October 2014	0.2210	3,818	844	
November 2014	0.2210	1,528	338	
December 2014	0.2177	4,559	992	
January - July 2015	0.2177	4,127	898	
		<u>21,725</u>	<u>2,598</u>	
MIGRATION		<u>MMNGS Mcf</u>	<u>SATC Mcf</u>	
August 2014 - July rate	0.0782	8,752	5,685	1,129
August 2014 - August rate	0.4660	1,434	5,707	3,328
September 2014	0.4660	11,801	12,345	11,252
October 2014	0.4660	10,415	19,378	13,884
November 2014 - October rate	0.4660	14,408	20,125	16,092
November 2014 - November rate	0.4591	4,469	18,838	10,700
December 2014 - October rate	0.4660	1,303	163	683
December 2014 - November rate	0.4591	34,492	70,412	48,162
January - July 2014	0.4591	142,577	269,355	189,118
		<u>229,652</u>	<u>422,008</u>	<u>294,348</u>
Amount to be Recovered		In PGC 2015		<u><u>(2,201,547)</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over(Under) Collection Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u>	<u>Amount</u>
	\$	\$
Reconciliation of over/(undercollection) of gas cost for the twelve month period August 2012 through July 2013 originating in PGC 2013		
Estimated amount refunded/(recovered) during the period August 2013 through July 2014		389,117
Actual amount refunded/(recovered) during the period August 2013 through July 2014		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2013	(0.0165)	382,210
September - October 2013	0.0162	1,131,869
November 2013	0.0160	1,632,847
December 2013 - July 2014	0.0158	22,205,314
		<u>25,352,240</u>
		388,999
LBS & NGV		
August 2013	(0.0223)	484
September - November 2013	0.0077	1,446
December 2013 - July 2014	0.0075	15,601
		<u>17,531</u>
		117
		<u>389,117</u>
		<u><u>0</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Over(Under) Collection Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u> \$	<u>Amount</u> \$
Estimated balance of over/(under)collection of gas cost for the twelve month period August 2013 through July 2014 originating in PGC 2014		
Estimated over/(under)collections of gas cost for the twelve month period August 2014 through July 2015		1,087,595
Estimated amount refunded(recovered) during the period August 2014 through July 2015		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2014 - July rate	0.0158	161,408
August 2014 - August rate	0.0530	160,977
September 2014	0.0530	385,871
October 2014	0.0530	652,728
November 2014 - October rate	0.0530	726,062
November 2014 - November rate	0.0526	686,979
December 2014 - October rate	0.0530	7,059
December 2014 - November rate	0.0526	2,705,863
January 2015 - July 2015	0.0526	15,221,014
		<u>20,707,961</u>
		<u>1,084,072</u>
LBS & NGV		
August 2014	0.0250	3,712
September 2014	0.0250	3,981
October 2014	0.0250	3,818
November 2014	0.0250	1,528
December 2014	0.0249	4,559
January - July 2015	0.0249	13,426
		<u>31,024</u>
		<u>774</u>
MIGRATION	<u>SATC Mcf</u>	
August 2014 - July rate	0.0158	31,018
August 2014 - August rate	0.0530	31,142
September 2014	0.0530	72,968
October 2014	0.0530	119,705
November 2014 - October rate	0.0530	131,006
November 2014 - November rate	0.0526	122,626
December 2014 - October rate	0.0530	1,117
December 2014 - November rate	0.0526	483,294
January - July 2014	0.0526	3,041,561
		<u>4,034,437</u>
		<u>211,211</u>
		<u>1,296,057</u>
Amount to be Recovered	in PGC 2015	<u>(208,462)</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Refund or (Surcharge) Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u>	<u>Amount</u>
	\$	\$
Reconciliation of refund/(surcharge) established in PGC 2014		
Estimated amount refunded/(recovered) during the period August 2013 through July 2014		(10,282)
Actual amount refunded/(recovered) during the period August 2013 through July 2014		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2013	0.0023	345,219
September 2013	(0.0005)	421,920
October 2013	(0.0005)	595,190
November 2013	(0.0005)	1,463,084
December 2013	(0.0005)	2,971,069
January-July 2014	(0.0005)	16,500,868
		<u>22,297,350</u>
		(10,183)
MIGRATION		
August 2013	0.0038	2,453
September 2013	(0.0005)	6,173
October 2013	(0.0005)	6,999
November 2013	(0.0005)	13,094
December 2013	(0.0005)	21,849
January - July 2014	(0.0005)	168,272
		<u>218,840</u>
		(99)
		<u>(10,282)</u>
		<u><u>0</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division
Calculation of Refund or (Surcharge) Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u>	<u>Amount</u>		
	\$	\$		
Reconciliation of refund/(surcharge) established in PGC 2014				
Estimated amount refunded/(recovered) during the period August 2014 through July 2015		1,581		
Estimated amount refunded/(recovered) during the period August 2013 through July 2014				
SALES				
	<u>Rate</u>	<u>Mcf</u>	<u>Refund/(Surcharge)</u>	
August 2014 - July rate	(0.0005)	159,243	(80)	
August 2014 - August rate	0.0001	163,012	16	
September 2014	0.0001	385,133	39	
October 2014	0.0001	645,910	65	
November 2014 - October rate	0.0001	714,692	71	
November 2014 - November rate	0.0001	678,905	68	
December 2014 - October rate	0.0001	6,938	1	
December 2014 - November rate	0.0001	2,663,891	266	
January - July 2015	0.0001	15,027,197	1,503	
		<u>20,444,922</u>	<u>1,949</u>	
MIGRATION				
		<u>MMNGS Mcf</u>	<u>SATC Mcf</u>	
August 2014 - July rate	(0.0005)	8,752	5,685	(7)
August 2014 - August rate	0.0001	1,434	5,707	1
September 2014	0.0001	11,801	12,345	2
October 2014	0.0001	10,415	19,378	3
November 2014 - October rate	0.0001	14,408	20,125	3
November 2014 - November rate	0.0001	4,469	18,838	2
December 2014 - October rate	0.0001	1,303	163	0
December 2014 - November rate	0.0001	34,492	70,412	10
January - July 2015	0.0001	142,577	269,355	41
		<u>229,652</u>	<u>422,008</u>	<u>67</u>
				<u>2,006</u>
Amount to be Recovered				<u><u>(425)</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Refund or Surcharge Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u>	<u>Amount</u>
	\$	\$
Reconciliation of refund or (surcharge) established in PGC 2013		
Estimated amount refunded/(recovered) during the period August 2013 through July 2014		(85,992)
Actual amount refunded/(recovered) during the period August 2013 through July 2014		
SALES		
	<u>Rate</u>	<u>Mcf</u>
August 2013	0.0155	343,507
September 2013	(0.0033)	419,416
October 2013	(0.0033)	593,197
November 2013	(0.0037)	1,461,650
December 2013	(0.0042)	2,970,589
January - July 2014	(0.0042)	16,485,550
		<u>22,273,908</u>
		(85,141)
LBS & NGV		
August 2013	0.0157	484
September - November 2013	(0.0016)	1,446
December 2013 - July 2014	(0.0020)	15,601
		<u>17,531</u>
		(26)
MIGRATION		
August 2013	0.0254	2,453
September 2013	(0.0033)	6,173
October 2013	(0.0033)	6,999
November 2013	(0.0035)	13,094
December 2013	(0.0042)	21,849
January - July 2014	(0.0042)	168,272
		<u>218,840</u>
		(825)
		<u>(85,993)</u>
Amount to be Recovered		<u><u>(1)</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division

PGC Exhibit 21
 Schedule 9
 Sheet 2
DEMAND - NGS
 Settlement 3/2015

Calculation of Refund or Surcharge Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u>	<u>Amount</u>		
	\$	\$		
Reconciliation of refund or (surcharge) established in PGC 2014				
Estimated amount refunded/(recovered) during the period August 2014 through July 2015		9,792		
Estimated amount refunded/(recovered) during the period August 2014 through July 2015				
SALES				
	<u>Rate</u>	<u>Mcf</u>	<u>Refund/(Surcharge)</u>	
August 2014 - July rate	(0.0042)	159,243	(669)	
August 2014 - August rate	0.0007	158,818	111	
September 2014	0.0007	379,298	266	
October 2014	0.0007	640,907	449	
November 2014 - October rate	0.0007	714,692	500	
November 2014 - November rate	0.0007	676,221	473	
December 2014 - October rate	0.0007	6,938	5	
December 2014 - November rate	0.0007	2,659,429	1,862	
January - July 2015	0.0007	15,013,771	10,510	
		<u>20,409,318</u>	<u>13,506</u>	
LBS & NGV				
August 2014	(0.0020)	3,712	(7)	
September 2014	0.0003	3,981	1	
October 2014	0.0003	3,818	1	
November 2014	0.0003	1,528	0	
December 2014	0.0003	4,559	1	
January - July 2015	0.0003	4,127	1	
		<u>21,725</u>	<u>(2)</u>	
MIGRATION				
		<u>MMNGS Mcf</u>	<u>SATC Mcf</u>	<u></u>
August 2014 - July rate	(0.0042)	8,752	5,685	(61)
August 2014 - August rate	0.0007	1,434	5,707	5
September 2014	0.0007	11,801	12,345	17
October 2014	0.0007	10,415	19,378	21
November 2014 - October rate	0.0007	14,408	20,125	24
November 2014 - November rate	0.0007	4,469	18,838	16
December 2014 - October rate	0.0007	1,303	163	1
December 2014 - November rate	0.0007	34,492	163	24
January - July 2015	0.0007	142,577	269,355	288
		<u>229,652</u>	<u>351,758</u>	<u>336</u>
				<u>13,840</u>
Amount to be Recovered				<u><u>(4,048)</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Refund or Surcharge Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u>	<u>Amount</u>
	\$	\$
Reconciliation of refund or (surcharge) established in PGC 2014		
Estimated amount refunded/(recovered) during the period August 2013 through July 2014		206,517
Actual amount refunded/(recovered) during the period August 2013 through July 2014		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2013	0.0378	382,210
September - October 2013	0.0076	1,131,869
November 2013	0.0076	1,632,847
December - July 2014	0.0077	22,205,314
		<u>25,352,240</u>
		206,440
LBS & NGV		
August 2013	0.0313	484
September - November 2013	0.0036	1,446
December 2013 - July 2014	0.0036	15,601
		<u>17,531</u>
		77
		<u>206,517</u>
		<u><u>0</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division

Calculation of Refund or Surcharge Balances Included in the PGC 2015

<u>Description</u>	<u>Amount</u>	<u>Amount</u>
	\$	\$
Reconciliation of refund or (surcharge) established in PGC 2015		
Estimated amount refunded/(recovered) during the period August 2014 through July 2015		45,553
Estimated amount refunded/(recovered) during the period August 2014 through July 2015		
SALES	<u>Rate</u>	<u>Mcf</u>
August 2014 - July rate	0.0077	161,408
August 2014 - August rate	0.0022	160,977
September 2014	0.0022	385,871
October 2014	0.0022	652,728
November 2014 - October rate	0.0022	726,062
November 2014 - November rate	0.0022	886,979
December 2014 - October rate	0.0022	7,059
December 2014 - November rate	0.0022	2,705,863
January - July 2015	0.0022	15,221,014
	<u>20,707,961</u>	<u>46,445</u>
LBS & NGV		
August 2014	0.0036	3,712
September 2014	0.0010	3,981
October 2014	0.0010	3,818
November 2014	0.0010	1,528
December 2014	0.0010	4,559
January - July 2015	0.0010	13,426
	<u>31,024</u>	<u>41</u>
Amount to be Refunded	in PGC 2015	<u><u>933</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division

Refunds From and Payments to Gas Suppliers

<u>Refund From</u>	<u>Date Received</u>	<u>Refund Amount</u> \$	<u>INTEREST</u>			<u>Total Refund Plus Interest</u>
			<u>Rate</u>	<u>Weight</u>	<u>Amount</u>	
A.		<u>0</u>	6.00%	0 / 12	<u>0</u>	<u>0</u>
B.			6.00%	/ 12	0	0
TOTAL		<u>0</u>			<u>0</u>	<u>0</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Reconciliation of Interest on Storage Injections/Withdrawals

<u>Description</u>				<u>Amount</u>
				\$
Reconciliation of interest expense/(income) due to/(from) customers for the twelve month period August 2013 through July 2014 originating in PGC 2014 (PGC 2012 - Rec. E-factor)				
Estimated amount passed back/(recovered) during the period August 2013 through July 2014 in E Factor				145,383
Actual amount passed back/(recovered) during the period August 2013 through July 2014 in E-Factor				
SALES	<u>Rate</u>	<u>Mcf</u>		<u>Refund/(Surcharge)</u>
August 2013	(0.0065)	345,219		(2,244)
September 2013	0.0051	421,920		2,152
October 2013	0.0051	595,190		3,035
November 2013	0.0059	1,463,084		8,632
December 2013	0.0068	2,971,069		20,203
January - July 2014	0.0068	<u>16,500,868</u>		<u>112,206</u>
		22,297,350		143,986
MIGRATION				
August 2013	(0.0126)	2,453		(31)
September 2013	0.0051	6,173		31
October 2013	0.0051	6,999		36
November 2013	0.0055	13,094		72
December 2013	0.0067	21,849		146
January - July 2014	0.0068	<u>168,272</u>		<u>1,144</u>
		218,840		1,399
				145,384
Amount to be Recovered in PGC 2015				<u>(1)</u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Reconciliation of Interest on Storage Injections/Withdrawals

<u>Description</u>	<u>Amount</u>
	\$
Estimated interest expense/(Income) due to/(from) customers for the twelve month period August 2013 through July 2014 in C-Factor (PGC 2013 - C Factor)	296,226

Actual amount passed back/(recovered) during the period August 2013 through July 2014 in C Factor

SALES	<u>Rate</u>	<u>Mcf</u>	<u>Refund/(Surcharge)</u>
August 2013	0.0178	322,740	5,745
September 2013	0.0050	395,433	1,977
October 2013	0.0050	556,954	2,785
November 2013	0.0098	1,370,832	13,434
December 2013	0.0154	2,798,827	43,102
January 2014	0.0154	3,685,787	56,761
February 2014	0.0154	3,973,827	61,197
March 2014	0.0154	3,587,647	55,250
April 2014	0.0154	2,427,916	37,390
May 2014	0.0109	1,281,191	13,965
June - July 2014	0.0057	810,638	4,621
		<u>21,211,792</u>	<u>296,226</u>
			<u>296,226</u>
Amount to be Recovered	in PGC 2015		<u><u>(0)</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Reconciliation of Interest on Storage Injections/Withdrawals

<u>Description</u>				<u>Amount</u>
				\$
Estimated balance of interest expense/(income) due to/(from) customer for the twelve month period August 2013 through July 2014 originating in PGC 2014 (PGC 2013- Rec. E-factor)				
Estimated interest expense/(income) due to/(from) customers for the twelve month period August 2013 through July 2014 in C/E Factor				(197,704)
Estimated amount passed back/(recovered) during the period August 2014 through July 2015 in E Factor				
SALES	<u>Rate</u>	<u>Mcf</u>	<u>Refund/(Surcharge)</u>	
August 2014 - July rate	0.0068	159,243	1,083	
August 2014 - August rate	(0.0176)	163,012	(2,869)	
September 2014	(0.0176)	385,133	(6,778)	
October 2014	(0.0176)	645,910	(11,368)	
November 2014 - October rate	(0.0176)	714,692	(12,579)	
November 2014 - November rate	(0.0118)	678,905	(8,011)	
December 2014 - October rate	(0.0176)	6,938	(122)	
December 2014 - November rate	(0.0118)	2,663,891	(31,434)	
January - July 2015	(0.0118)	<u>15,027,197</u>	<u>(177,321)</u>	
		20,444,922	(249,399)	
MIGRATION		<u>MMNGS Mcf</u>	<u>SATC Mcf</u>	
August 2014 - July rate	0.0068	8,752	5,685	98
August 2014 - August rate	(0.0176)	1,434	5,707	(126)
September 2014	(0.0176)	11,801	12,345	(425)
October 2014	(0.0176)	10,415	19,378	(524)
November 2014 - October rate	(0.0176)	14,408	20,125	(608)
November 2014 - November rate	(0.0118)	4,469	18,838	(275)
December 2014 - October rate	(0.0176)	1,303	163	(26)
December 2014 - November rate	(0.0118)	34,492	70,412	(1,238)
January - July 2015	(0.0118)	<u>142,577</u>	<u>269,355</u>	<u>(4,861)</u>
		229,652	422,008	(7,984)
Amount to be Refunded		in PGC 2015		<u><u>59,679</u></u>

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
Pennsylvania Division

Calculation of Reconciliation of Interest on Storage Injections/Withdrawals

<u>Description</u>			<u>Amount</u>
			\$
Estimated Interest expense/(income) due to/(from) customers for the twelve month period August 2014 through July 2015 in C-Factor (PGC 2014 - C factor)			(100,623)
Estimated amount passed back/(recovered) during the period August 2014 through July 2014 in C Factor			
SALES	<u>Rate</u>	<u>Mof</u>	<u>Refund/(Surcharge)</u>
August 2014 - July rate	0.0057	161,408	920
August 2014 - August rate	0.0129	165,171	2,131
September 2014	0.0129	391,706	5,053
October 2014	0.0129	657,731	8,485
November 2014 - October rate	0.0129	726,062	9,366
November 2014 - November rate	(0.0037)	689,663	(2,552)
December 2014 - October rate	0.0129	7,059	91
December 2014 - November rate	(0.0037)	2,710,325	(10,028)
January 2015	(0.0037)	7,577	(28)
February 2015	(0.0037)	1,907,911	(7,059)
March 2015	(0.0037)	1,778,114	(6,579)
April 2015	(0.0037)	1,944,735	(7,196)
May 2015	(0.0037)	1,072,861	(3,970)
June - July 2015	(0.0037)	537,732	(1,990)
		12,758,055	(13,355)
Amount to be Recovered		in PGC 2015	(87,268)

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division

Calculation of Interest on Storage Injections/Withdrawals (C Factor Recovery/(Passback))
 Twelve Months Ended July 2015

Month	Open/ Closed Period	Injections Mcf (1)	Withdrawals Mcf (2)	Differential \$/Mcf (3)	Cost Charged Through PGC But Not Paid By Distribution \$ (4=2x3)	Cost Paid By Distribution But Not Charged Through PGC \$ (5=1x3)	Storage (Net Paid) / Net Charged \$ (6=4+5)	Interest Weight (7)	Interest Rate ¹ % (8)	Gross Storage Interest Expense/(Revenue) \$ (9=7x(8))
August 2014	Closed	1,103,280	556	5.1313	2,853	(5,661,261)	(5,658,408)	12 / 12	6.00%	(339,504)
September	Closed	960,235	1,131	5.1313	5,804	(4,927,254)	(4,921,450)	11 / 12	6.00%	(270,680)
October	Closed	781,790	15,665	4.2872	67,159	(3,351,702)	(3,284,543)	10 / 12	6.00%	(164,227)
November	Closed	114,974	784,058	4.2872	3,361,425	(492,918)	2,868,507	9 / 12	6.00%	129,083
December	Closed	172,461	1,155,242	4.2872	4,952,771	(739,377)	4,213,394	8 / 12	6.00%	168,536
January 2015	Closed	(16,923)	1,884,510	4.2872	8,079,299	72,553	8,151,852	7 / 12	6.00%	285,315
February	Closed	49,201	1,659,161	4.2872	7,113,180	(210,935)	6,902,245	6 / 12	6.00%	207,067
March	Closed	21,733	1,088,687	4.2872	4,667,435	(93,174)	4,574,261	5 / 12	6.00%	114,357
April	Open	565,657	0	4.2872	0	(2,425,092)	(2,425,092)	4 / 12	6.00%	(48,502)
May	Open	1,403,534	0	4.2872	0	(6,017,252)	(6,017,252)	3 / 12	6.00%	(90,259)
June	Open	1,400,677	0	4.2872	0	(6,005,004)	(6,005,004)	2 / 12	6.00%	(60,050)
July	Open	1,481,551	0	4.2872	0	(6,351,727)	(6,351,727)	1 / 12	6.00%	(31,759)
TOTAL		8,038,170	6,589,010		28,249,926	(36,203,143)	(7,953,217)			(100,623)
										<u>Estimated Storage Interest Income Due From PGC Customers \$ (100,623)</u>

¹ The storage over/(under) interest rate was calculated on a stand-alone basis using the TME July as the determination period.

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
 Pennsylvania Division

Calculation of Interest on Storage Injections/Withdrawals (C Factor Recovery/(Passback))
 Twelve Months Ended July 2016

Month	Open/ Closed Period	Injections Mcf (1)	Withdrawals Mcf (2)	Rate Differential \$/Mcf (3)	Cost Charged Through PGC But Not Paid By Distribution \$/ (4=2x3)	Cost Paid By Distribution But Not Charged Through PGC \$/ (5=1x3)	Storage (Net Paid) / Net Charged \$/ (6=4+5)	Interest Weight (7)	Interest Rate ¹ %/ (8)	Gross Storage Interest Expense/(Revenue) \$/ (9=6x(7x8))
August 2015	Open	940,754	0	4.2872	0	(4,033,214)	(4,033,214)	12 / 12	8.00%	(322,657)
September	Open	919,545	0	4.2872	0	(3,942,289)	(3,942,289)	11 / 12	8.00%	(289,101)
October	Open	335,818	0	4.6574	0	(1,564,040)	(1,564,040)	10 / 12	8.00%	(104,269)
November	Open	0	433,786	4.6574	2,020,318	0	2,020,318	9 / 12	8.00%	121,219
December	Open	0	1,199,144	4.6574	5,584,905	0	5,584,905	8 / 12	8.00%	287,862
January 2016	Open	0	2,502,380	4.6574	11,654,607	0	11,654,607	7 / 12	8.00%	543,882
February	Open	0	1,932,069	4.6574	8,998,438	0	8,998,438	6 / 12	8.00%	359,938
March	Open	0	901,992	4.6574	4,200,944	0	4,200,944	5 / 12	8.00%	140,031
April	Open	624,213	0	4.6574	0	(2,907,217)	(2,907,217)	4 / 12	8.00%	(77,526)
May	Open	1,369,458	0	4.6574	0	(6,378,128)	(6,378,128)	3 / 12	8.00%	(127,563)
June	Open	1,396,854	0	4.6574	0	(6,505,721)	(6,505,721)	2 / 12	8.00%	(86,743)
July	Open	1,404,089	0	4.6574	0	(6,539,417)	(6,539,417)	1 / 12	8.00%	(43,596)
TOTAL		6,990,732	6,969,370		32,459,212	(31,870,026)	589,186			411,476
										PGC Volumes (Exhibit 22) 17,316,884
										PGC (Passback)/Recovery Rate \$/Mcf \$ (0.0238)
										Estimated Storage Interest Expense Due to PGC Customers \$ 411,476

¹ The storage over/(under) interest rate was calculated on a stand-alone basis using the TME July as the determination period.

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2015
 Upstream Purchase & Delivered Volume (D1)
 For the Eight Months Ending July 2015

Exhibit 23
 Schedule 1
 Page 1
 Settlement 3/15

Company	Component	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Total
Columbia	Demand (D1)	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	13,984
	Demand (D2)	0	0	0	0	0	0	0	0	0
	Receipt Vol.	0	0	0	0	0	93,477	0	44,244	137,721
	Delivered Vol.	0	0	0	0	(1,021)	91,394	(1,020)	42,702	132,055
Texas Eastern	Demand (D1)	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	80,000
	Demand (D2)	775	775	700	775	0	0	0	0	3,025
	Receipt Vol.	310,000	0	280,000	310,000	0	0	0	0	900,000
	Delivered Vol.	306,590	0	276,920	306,590	0	0	0	0	890,100
Tennessee	Demand (D1)	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	592,000
	Demand (D2)	0	0	0	0	0	0	0	0	0
	Receipt Vol.	432,171	432,171	390,348	1,485,779	870,000	899,000	870,000	899,000	6,278,469
	Delivered Vol.	418,470	418,470	377,973	1,454,132	855,181	883,687	855,181	883,687	6,148,781
Total Upstream Purchase Volumes		725,060	418,470	654,893	1,760,722	854,160	975,081	854,161	926,389	7,168,936
Total City Gate Appalachian Volumes		362,113	382,113	327,070	417,222	1,186,800	1,226,360	1,054,721	1,022,221	5,958,620
Total Storage Volumes		1,738,015	2,837,842	1,944,972	324,467	(604,687)	(1,500,378)	(1,497,324)	(1,583,778)	1,659,129
Total for NFGDC PAD		2,825,188	3,618,425	2,926,935	2,502,411	1,436,273	701,063	411,558	364,832	14,786,685

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 130710 2015
 Upstream Purchase & Delivered Volume (D1)
 For the Twelve Months Ending July 2016

Company	Component	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Total
Columbia	Demand (D1)	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	20,976
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Receipt Vol. Delivered Vol.	0 (1,054)	0 (1,021)	7,768 6,629	0 (575)	0 0	0 0	0 0	0 0	0 0	41,472 39,965	49,394 47,796	0 (1,020)	13,062 11,863
Texas Eastern	Demand (D1)	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	240,000
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Receipt Vol. Delivered Vol.	0 0	0 0	0 0	750 0	775 0	775 0	10,781 0	775 0	0 0	0 0	0 0	0 0	0 0
Tennessee	Demand (D1)	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	74,000	888,000
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Receipt Vol. Delivered Vol.	899,000 883,687	870,000 855,181	899,000 883,687	870,000 855,181	899,000 883,687	899,000 883,687	841,000 826,675	899,000 883,687	899,000 883,687	870,000 855,181	899,000 883,687	870,000 855,181	899,000 883,687
Total Upstream Purchase Volumes		882,633	854,160	890,316	854,806	883,687	883,687	826,675	883,687	895,176	931,483	854,161	895,550	10,535,823
Total City Gate Appalachian Volumes		454,760	510,891	640,828	590,314	613,180	0	82,627	613,180	1,186,800	1,226,360	1,046,282	968,660	7,925,902
Total Storage Volumes		(1,005,666)	(982,994)	(359,989)	463,717	1,281,885	2,675,044	2,065,382	964,229	(667,284)	(1,463,951)	(1,493,237)	(1,500,971)	(22,835)
Total for NFGDC PAD		331,727	382,057	1,172,155	1,898,637	2,778,752	3,558,731	2,974,684	2,461,096	1,414,692	693,892	409,206	363,259	18,438,890

Company	Schedule	Component	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-16
NFGSC	EFT	Demand	\$3.9852	\$3.9853	\$3.9853	\$3.9853	\$3.9853	\$3.9853	\$3.9853	\$3.9853
		Commodity	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162
	FG	Demand	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		Commodity	23.7426	22.2198	22.2198	23.7426	25.2656	25.2656	25.2656	25.2656
Columbia	FTS	Demand	5.8610	5.8610	6.1310	6.1310	6.1090	6.1310	6.1310	6.1310
		Commodity	0.0168	0.0168	0.0168	0.0168	0.0194	0.0194	0.0194	0.0194
Columbia	SST	Demand	5.8910	5.8910	5.9610	5.9610	5.9390	5.9610	5.9610	5.9610
		Commodity	0.0166	0.0166	0.0166	0.0166	0.0192	0.0192	0.0192	0.0192
Texas Eastern	FT-1	Demand	8.6741	8.6741	8.9424	8.9424	8.9424	8.9424	8.9424	8.9424
	CDS	Demand	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	STX-M2	Commodity	0.0761	0.0761	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919
	ETX-M2	Commodity	0.0688	0.0688	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844
	ELA-M2	Commodity	0.0686	0.0686	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844
	WLA-M2	Commodity	0.0709	0.0709	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867
M1-M2	Commodity		0.0505	0.0505	0.0662	0.0662	0.0662	0.0662	0.0662	0.0662
Tennessee	FTA-4 (0-4)	Demand	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965
		Commodity	0.2943	0.2943	0.2943	0.2943	0.3219	0.3219	0.3219	0.3219
	FTA-4 (1-4)	Demand	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455
		Commodity	0.2505	0.2505	0.2505	0.2505	0.2736	0.2736	0.2736	0.2736
FTA-4 (5-4)	Demand	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	
	Commodity	0.0717	0.0717	0.0717	0.0717	0.0766	0.0766	0.0766	0.0766	
FTA-4 (4-4)	Demand	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	
	Commodity	0.0514	0.0514	0.0514	0.0514	0.0542	0.0542	0.0542	0.0542	

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2015
 Upstream Pipeline Rates (\$/Dth)
 For the Twelve Months Ending July 2016

Company	Schedule	Component	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	
NFGSC	EFT	Demand	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	
		Commodity	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162
	FG	Demand	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		Commodity	25.2656	25.2656	23.7426	23.7426	22.2196	20.6966	22.2196	20.6966	22.2196	25.2656	23.7426	23.7426	23.7426
Columbia	FTS	Demand	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	6.1310	
		Commodity	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194
Columbia	SST	Demand	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	
		Commodity	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192
Texas Eastern	FT-1	Demand	8.9424	8.9424	8.9424	8.4279	8.4279	8.4279	8.4279	8.4279	8.4279	8.4279	8.4279	8.4279	
		Commodity	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
	SIX-M2	Demand	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	
		Commodity	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	
	ELA-M2	Demand	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	
		Commodity	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	
	WLA-M2	Demand	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	0.0867	
		Commodity	0.0662	0.0662	0.0662	0.0662	0.0662	0.0662	0.0662	0.0662	0.0662	0.0662	0.0662	0.0662	
Tennessee	FTA-4 (0-4)	Demand	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965	17.9965	
		Commodity	0.3219	0.3219	0.3219	0.3219	0.3219	0.3219	0.3219	0.3219	0.3219	0.3219	0.3219	0.3219	
	FTA-4 (1-4)	Demand	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455	15.3455	
		Commodity	0.2736	0.2736	0.2736	0.2736	0.2736	0.2736	0.2736	0.2736	0.2736	0.2736	0.2736	0.2736	
	FTA-4 (5-4)	Demand	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	6.0642	
		Commodity	0.0766	0.0766	0.0766	0.0766	0.0766	0.0766	0.0766	0.0766	0.0766	0.0766	0.0766	0.0766	
	FTA-4 (4-4)	Demand	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	5.4628	
		Commodity	0.0542	0.0542	0.0542	0.0542	0.0542	0.0542	0.0542	0.0542	0.0542	0.0542	0.0542	0.0542	

Company	Component	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Total
Columbia	Demand (D1)	10,245	10,245	10,717	10,717	10,679	10,717	10,717	10,717	84,754
	Demand (D2)	0	0	0	0	0	0	0	0	0
	Gas Cost	0	0	0	0	0	296,509	0	145,607	442,116
	Transp. Cost	0	0	0	0	959	318	153	118	1,548
Tennessee	Demand (D1)	809,240	809,240	809,240	809,240	809,240	809,240	809,240	809,240	6,473,920
	Demand (D2)	11,525	11,525	10,409	11,525	0	0	0	0	44,984
	Gas Cost	1,693,019	1,724,820	1,543,655	4,869,277	2,144,550	2,177,378	2,180,220	2,284,359	18,616,278
	Transp. Cost	73,774	73,774	66,636	127,600	46,866	48,429	46,866	48,429	532,374
Texas Eastern	Demand (D1)	86,741	86,741	89,424	89,424	89,424	89,424	89,424	89,424	710,026
	Demand (D2)	775	775	700	775	0	0	0	0	3,025
	Gas Cost	941,160	0	858,520	872,030	0	0	0	0	2,669,710
	Transp. Cost	0	0	0	0	0	0	0	0	0
NFGDC	Demand (D1)	1,458,497	1,450,380	1,450,380	1,450,531	1,466,682	1,466,682	1,466,682	1,466,682	11,884,516
	Demand (D2)	16,895	16,895	16,895	16,895	16,895	16,895	16,895	16,895	135,160
	Gas Cost	45,910	58,761	47,545	40,681	23,405	11,500	6,805	6,053	240,660
	Transp. Cost									
Total Purchase	Demand	\$2,393,918	\$2,385,801	\$2,387,765	\$2,397,107	\$2,392,920	\$2,392,958	\$2,392,958	\$2,392,958	\$19,136,305
	Commodity	\$2,753,883	\$1,857,355	\$2,514,356	\$5,908,588	\$2,216,200	\$2,534,776	\$2,234,798	\$2,485,380	\$22,505,315
PAD Storage Rental and Transp. Storage Gas	Demand	1,041,393	1,041,393	1,048,163	1,048,163	991,071	991,274	991,274	991,274	8,140,005
	Commodity	73,652	119,525	81,372	13,230	25,299	62,227	62,649	65,931	504,085
PAD Storage Gas	Demand	2,871,688	4,689,419	3,214,163	636,358	(983,252)	(2,439,510)	(2,434,761)	(2,575,228)	2,878,973
	Commodity	4,839,169	7,902,291	5,416,290	903,831	(1,656,910)	(4,110,897)	(4,102,898)	(4,339,599)	4,851,279
Total NFGDC PAD	Demand	6,306,997	8,116,813	6,648,091	3,979,626	2,400,739	944,722	949,471	809,004	30,155,263
	Commodity	7,666,884	9,879,171	8,012,018	6,825,649	584,589	(1,513,895)	(1,805,449)	(1,788,288)	27,860,679
	Total	\$13,973,881	\$17,995,784	\$14,660,109	\$10,805,275	\$2,985,328	(\$569,173)	(\$855,976)	(\$979,284)	\$58,015,942

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f), 2015
 Upstream Purchase and Storage Cost
 For the Twelve Months Ending July 2016

Company	Component	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Total	
Columbia	Demand (D1)	10,717	10,717	10,717	10,717	10,717	10,717	10,717	10,717	10,717	10,717	10,717	10,717	128,604	
	Demand (D2)	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gas Cost	0	0	26,427	0	0	0	0	0	139,927	0	157,890	0	45,808	390,052
Tennessee	Transp. Cost	126	181	315	576	0	0	0	0	488	318	183	118	2,275	
	Demand (D1)	809,240	809,240	809,240	809,240	809,240	809,240	809,240	809,240	809,240	809,240	809,240	809,240	9,710,980	
	Demand (D2)	0	0	0	11,523	11,523	11,523	12,523	0	0	0	0	0	0	38,251
Texas Eastern	Gas Cost	2,286,157	2,215,020	2,384,148	2,433,390	2,981,983	3,043,115	2,829,366	2,950,518	2,282,880	2,381,451	2,385,960	2,478,543	2,478,543	30,623,130
	Transp. Cost	48,429	46,866	48,429	46,866	48,429	48,429	43,304	48,429	46,866	48,429	46,866	48,429	48,429	571,771
	Demand (D1)	178,848	178,848	178,848	168,558	168,558	168,558	168,558	168,558	168,558	168,558	168,558	168,558	168,558	2,053,566
NF-GSC	Demand (D2)	0	0	0	750	775	775	10,781	0	0	0	0	0	0	13,556
	Gas Cost	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Transp. Cost	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Purchase	Demand (D1)	1,466,662	1,466,662	1,458,531	1,458,531	1,450,380	1,450,380	1,442,229	1,450,380	1,456,662	1,458,531	1,458,531	1,458,531	17,486,070	
	Demand (D2)	0	0	0	16,350	16,895	16,895	725	0	0	0	0	0	0	67,760
	Transp. Cost	5,467	6,278	19,113	30,895	45,160	57,801	48,329	40,017	23,023	11,311	5,653	5,953	5,953	300,040
PAD Storage Rental and Transp. Storage Gas	Demand	\$2,465,487	\$2,465,487	\$2,457,335	\$2,475,299	\$2,468,090	\$2,468,090	\$2,470,578	\$2,468,090	\$2,455,197	\$2,447,046	\$2,447,046	\$2,447,046	\$29,534,792	
	Commodity	\$2,340,896	\$2,269,075	\$2,479,075	\$2,511,727	\$3,075,572	\$3,149,345	\$2,923,598	\$3,038,964	\$2,493,649	\$2,610,040	\$2,410,426	\$2,579,665	\$31,882,171	
	Demand	991,274	991,274	1,046,163	1,046,163	1,046,163	1,046,163	1,046,163	1,046,163	1,046,163	1,046,163	1,046,163	1,046,163	12,444,178	
PAD Storage Gas	Transp. Storage Gas	42,157	41,231	14,820	19,865	54,377	113,125	87,227	40,430	27,678	61,225	62,868	62,974	627,757	
	Demand	(1,640,220)	(1,603,249)	(805,302)	1,053,869	2,913,907	6,081,482	4,635,774	2,192,887	(1,496,947)	(3,294,356)	(3,350,210)	(3,367,505)	1,389,930	
	Commodity	(2,763,996)	(2,701,668)	(1,077,996)	1,410,737	3,900,631	8,140,831	6,285,884	2,935,187	(2,003,853)	(4,396,525)	(4,494,677)	(4,507,829)	796,714	
Total NFGDC PAD	Demand	1,816,541	1,853,512	2,698,197	4,575,331	6,428,160	9,595,735	8,212,515	5,706,940	2,004,413	208,853	142,999	125,704	43,988,900	
	Commodity	(380,853)	(391,382)	1,415,897	3,942,329	7,030,580	11,403,301	9,236,709	6,014,581	517,473	(1,725,260)	(2,011,583)	(1,865,180)	33,248,592	
	Total	\$1,435,678	\$1,462,130	\$4,114,094	\$8,517,660	\$13,458,740	\$20,999,036	\$17,519,224	\$11,721,521	\$2,691,858	(\$1,708,887)	(\$1,868,584)	(\$1,739,476)	\$76,819,692	

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 130710 2015
 Summary of Storage Volume (D)

Storage Volume (D)	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Total
Col. - FSS													
Demand	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	221,004
Capacity	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	6,768,372
Injection	47,114	42,646	45,177	0	0	0	0	0	0	0	0	0	392,948
Withdrawal	0	0	0	0	45,122	146,648	135,967	95,885	0	0	0	0	423,022
Storage Transp.													
Demand	9,209	9,209	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	202,988
Capacity	47,114	42,646	45,177	0	0	0	0	0	0	0	0	0	392,948
Injection	0	0	0	0	45,122	146,648	135,967	95,885	0	0	0	0	423,022
Withdrawal	(47,057)	(42,595)	(45,123)	0	0	0	0	0	(67,594)	(65,745)	(43,981)	(60,290)	(392,475)
Gas Cost:													
Demand	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	2,250,756
Capacity	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	110,345,544
Injection	944,850	935,533	312,043	0	0	0	0	0	596,239	1,370,926	1,375,758	1,421,617	6,955,966
Withdrawal	0	0	0	467,410	1,185,248	2,485,709	1,940,183	876,611	0	0	0	0	6,955,161
Gas Cost	(944,850)	(935,533)	(312,043)	0	0	0	0	0	(596,239)	(1,370,926)	(1,375,758)	(1,421,617)	(6,955,161)
NFGSC - ESS													
Demand	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	127,992
Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,400,000
Injection	8,776	0	0	0	0	0	0	0	0	0	0	0	86,557
Withdrawal	0	0	0	0	62,000	64,890	7,110	0	0	0	0	0	134,000
Gas Cost	(8,776)	0	0	0	0	0	0	0	0	0	0	(11,642)	(86,557)
NFGSC - FSS													
Demand	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	127,992
Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,400,000
Injection	0	0	0	0	0	0	0	0	0	0	0	0	0
Withdrawal	0	0	0	0	62,000	64,890	7,110	0	0	0	0	0	134,000
Gas Cost	0	0	0	0	0	0	0	0	0	0	0	(11,642)	(86,557)
Total													
Demand	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	221,004
Capacity	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	6,768,372
Injection	47,114	42,646	45,177	0	0	0	0	0	0	0	0	0	392,948
Withdrawal	0	0	0	0	45,122	146,648	135,967	95,885	0	0	0	0	423,022
Demand	9,209	9,209	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	202,988
Capacity	47,114	42,646	45,177	0	0	0	0	0	0	0	0	0	392,948
Injection	0	0	0	0	45,122	146,648	135,967	95,885	0	0	0	0	423,022
Withdrawal	(47,057)	(42,595)	(45,123)	0	0	0	0	0	(67,594)	(65,745)	(43,981)	(60,290)	(392,475)
Demand	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	2,250,756
Capacity	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	110,345,544
Injection	944,850	935,533	312,043	0	0	0	0	0	596,239	1,370,926	1,375,758	1,421,617	6,955,966
Withdrawal	0	0	0	467,410	1,185,248	2,485,709	1,940,183	876,611	0	0	0	0	6,955,161
Demand	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	127,992
Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,400,000
Injection	8,776	0	0	0	0	0	0	0	0	0	0	0	86,557
Withdrawal	0	0	0	0	62,000	64,890	7,110	0	0	0	0	0	134,000
Demand	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	127,992
Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,400,000
Injection	0	0	0	0	0	0	0	0	0	0	0	0	0
Withdrawal	0	0	0	0	62,000	64,890	7,110	0	0	0	0	0	134,000

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2015
 Summary of Storage Unit Cost

Storage Unit Cost (\$/D)	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16
Col. - FSS	Demand	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010	1.5010
	Capacity	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288	0.0288
	Injection	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153
	Withdrawal	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153
	Demand	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610	5.9610
	Injection	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192
	Withdrawal	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178
	Demand	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391
	Commodity	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621
	Storage Rental	2.5959	2.5959	2.5959	2.5959	2.5959	2.5959	2.5959	2.5959	2.5959	2.5959	2.5959
NFGSC - ESS	Demand	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404
	Capacity	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425
	Injection	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425
	Withdrawal	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425	0.0425
	Demand	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391
	Commodity	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621
	Storage Rental	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826
	Capacity	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381
	Injection	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405
	Withdrawal	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405
NFGSC - FSS	Demand	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391
	Commodity	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621
	Storage Rental	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826
	Capacity	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381
	Injection	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405
	Withdrawal	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405
	Demand	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391	1.6391
	Commodity	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621	2.7621
	Storage Rental	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826	2.4826
	Gas Cost	2.2547	2.2547	2.2547	2.2547	2.2547	2.2547	2.2547	2.2547	2.2547	2.2547	2.2547

Storage Cost (\$)			Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Total	
Col. - FSS	Storage Rental	Demand	27,791	27,791	27,644	27,644	27,644	27,644	27,644	27,644	221,448	
		Capacity	16,300	16,300	16,244	16,244	16,244	16,244	16,244	16,244	130,064	
		Injection	0	0	0	0	375	1,975	674	1,391	4,415	
	Storage Transp.	Withdrawal	860	2,608	2,311	863	0	0	0	0	0	6,442
		Demand	104,811	104,811	109,764	109,764	54,692	54,895	54,895	54,895	54,895	648,567
		Injection	0	0	0	0	471	2,478	845	1,748	0	5,540
	Injection	Withdrawal	656	2,591	2,296	867	0	0	0	0	0	6,400
		Demand	0	0	0	0	(40,156)	(211,331)	(72,089)	(148,891)	(472,487)	(796,170)
		Commodity	0	0	0	0	(67,669)	(356,120)	(121,480)	(250,901)	0	690,108
	Withdrawal	Demand	70,693	279,388	247,579	92,460	0	0	0	0	0	690,108
		Commodity	119,127	470,803	417,204	155,791	0	0	0	0	0	1,162,925
	NFGSC - ESS	Storage Rental	Demand	486,895	486,895	486,895	486,895	486,895	486,895	486,895	486,895	3,895,160
Capacity			371,497	371,497	371,497	371,497	371,497	371,497	371,497	371,497	2,971,876	
Injection			0	0	0	0	24,453	57,774	58,451	60,401	0	201,079
Injection		Withdrawal	70,690	113,888	73,622	11,510	0	0	0	0	0	269,710
		Demand	0	0	0	0	(943,098)	(2,228,179)	(2,254,264)	(2,329,492)	(7,755,031)	(13,068,263)
		Commodity	0	0	0	0	(1,589,241)	(3,764,777)	(3,798,733)	(3,925,502)	0	10,401,901
Withdrawal		Demand	2,728,299	4,392,306	2,839,390	443,806	0	0	0	0	0	17,528,576
		Commodity	4,694,173	7,401,616	4,784,747	746,040	0	0	0	0	0	17,528,576
NFGSC - FSS		Storage Rental	Demand	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	211,832
			Capacity	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	60,960
			Injection	0	0	0	0	0	0	2,879	2,393	6,072
		Injection	Withdrawal	1,846	438	3,143	0	0	0	0	0	0
	Demand		0	0	0	0	0	0	(108,408)	(96,845)	(205,253)	
	Commodity		0	0	0	0	0	0	(182,683)	(163,196)	(345,879)	
	Withdrawal	Demand	74,694	17,727	127,194	0	0	0	0	0	0	219,615
		Commodity	125,869	29,872	214,339	0	0	0	0	0	0	370,080
	Total Cost			\$8,826,100	\$13,752,828	\$9,767,988	\$2,499,580	(\$1,623,792)	(\$5,496,906)	(\$5,483,734)	(\$5,857,622)	\$16,374,242
	Summary	Storage Rental	Demand	\$936,582	\$936,582	\$936,379	\$936,379	\$936,379	\$936,379	\$936,379	\$936,379	\$7,401,438
			Commodity	\$73,198	\$116,934	\$79,076	\$12,373	\$24,828	\$59,749	\$61,804	\$64,185	\$492,145
		Storage Transp.	Demand	\$104,811	\$104,811	\$109,764	\$109,764	\$54,692	\$54,895	\$54,895	\$54,895	\$948,567
Commodity			\$656	\$2,591	\$2,296	\$857	\$471	\$2,478	\$845	\$1,748	\$11,940	
Gas Cost		Demand	\$2,871,688	\$4,689,419	\$3,214,163	\$536,356	(\$993,252)	(\$2,439,510)	(\$2,434,761)	(\$2,575,228)	\$2,878,873	
		Commodity	\$4,839,169	\$7,902,291	\$5,416,290	\$803,831	(\$1,666,910)	(\$4,110,897)	(\$4,102,886)	(\$4,339,598)	\$4,851,279	
Total Cost			\$8,826,100	\$13,752,828	\$9,767,988	\$2,499,580	(\$1,623,792)	(\$5,496,906)	(\$5,483,734)	(\$5,857,622)	\$16,374,242	

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 12/31/15
 Summary of Storage Cost

Storage Cost (\$)	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Total
Ccl. - FSS													
Demand	27,644	27,644	27,644	27,644	27,644	27,644	27,644	27,644	27,644	27,644	27,644	27,644	331,728
Capacity	16,244	16,244	16,244	16,244	16,244	16,244	16,244	16,244	16,244	16,244	16,244	16,244	194,928
Injection	0	652	691	0	0	0	0	0	1,037	1,313	674	924	6,012
Withdrawal	0	0	0	0	690	2,244	2,071	1,467	0	0	0	0	6,472
Storage Transp.													
Demand	54,895	54,895	109,784	109,784	109,784	109,784	109,784	109,784	109,784	109,784	109,784	109,784	1,207,630
Capacity	905	819	867	0	0	0	0	0	1,301	1,648	845	1,159	7,644
Injection	0	0	0	0	803	2,610	2,410	1,707	0	0	0	0	7,530
Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0
Commodity													
Demand	(77,151)	(69,817)	(101,739)	0	0	0	0	0	(152,607)	(193,329)	(96,164)	(829,723)	(1,661,605)
Capacity	(129,976)	(117,652)	(136,190)	0	0	0	0	0	(204,284)	(258,796)	(132,743)	(181,967)	(1,161,605)
Injection	0	0	0	0	101,737	300,647	305,212	216,192	0	0	0	0	(1,563,788)
Withdrawal	0	0	0	0	136,187	442,613	408,565	289,400	0	0	0	0	1,276,765
Storage Rental													
Demand	486,895	486,895	486,895	486,895	486,895	486,895	486,895	486,895	486,895	486,895	486,895	486,895	5,842,740
Capacity	371,497	371,497	371,497	371,497	371,497	371,497	371,497	371,497	371,497	371,497	371,497	371,497	4,457,964
Injection	40,156	39,760	13,262	0	0	0	0	0	25,340	58,264	58,470	60,479	235,571
Withdrawal	0	0	0	19,865	50,373	105,643	82,455	37,256	0	0	0	0	235,555
Commodity													
Demand	(1,548,704)	(1,533,432)	(703,563)	0	0	0	0	0	(1,344,340)	(3,091,027)	(3,101,602)	(3,205,320)	(14,326,306)
Capacity	(2,609,770)	(2,584,036)	(941,806)	0	0	0	0	0	(1,759,569)	(4,137,733)	(4,152,316)	(4,256,174)	(20,515,949)
Injection	0	0	0	1,053,869	2,672,379	5,604,523	4,374,531	1,978,495	0	0	0	0	15,681,602
Withdrawal	0	0	0	1,410,737	3,577,316	7,502,367	5,855,860	2,645,787	0	0	0	0	20,952,067
Storage Rental													
Demand	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	26,479	317,748
Capacity	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	7,620	91,440
Injection	355	0	0	0	0	0	0	0	0	0	0	472	3,006
Withdrawal	0	0	0	0	2,511	2,628	288	0	0	0	0	0	5,427
Commodity													
Demand	(14,285)	0	0	0	0	0	0	0	0	0	(148,124)	(26,249)	(189,759)
Capacity	(24,240)	0	0	0	0	0	0	0	0	0	(199,621)	(35,138)	(258,999)
Injection	0	0	0	0	139,791	146,307	16,081	0	0	0	0	0	302,129
Withdrawal	0	0	0	0	187,128	196,851	21,459	0	0	0	0	0	404,438
Total Cost	(3,370,795)	(3,272,432)	(822,317)	3,530,634	7,915,078	15,381,601	12,115,048	6,214,467	(2,426,969)	(6,573,693)	(6,726,056)	(6,766,197)	15,198,579
Summary													
Storage Rental	996,379	996,379	996,379	996,379	996,379	996,379	996,379	996,379	996,379	996,379	996,379	996,379	11,236,548
Storage Transp.	\$4,895	\$4,895	\$109,784	\$109,784	\$109,784	\$109,784	\$109,784	\$109,784	\$109,784	\$109,784	\$109,784	\$109,784	\$612,663
Gas Cost	(\$1,640,220)	(\$1,603,249)	(\$805,302)	\$1,053,869	\$2,913,907	\$6,081,482	\$4,695,774	\$2,192,687	(\$1,466,947)	(\$3,284,356)	(\$3,350,210)	(\$3,387,505)	\$1,399,930
Total Cost	(3,370,795)	(3,272,432)	(822,317)	3,530,634	7,915,078	15,381,601	12,115,048	6,214,467	(2,426,969)	(6,573,693)	(6,726,056)	(6,766,197)	15,198,579

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1207(f) 2015
 Unit Storage Gas Cost (\$/D) For the Twelve Months Ending September 2015

	Oct-14*	Nov-14*	Dec-14*	Jan-15*	Feb-15*	Mar-15*	Apr-15*	May-15*	Jun-15*	Jul-15*	Aug-15*	Sep-15*	Total
Unit Storage Demand Gas Cost (\$/D)	\$2,014,383	\$2,256,982	\$2,367,458	\$2,286,634	\$2,369,763	\$2,518,377	\$2,392,920	\$2,392,958	\$2,392,958	\$2,392,958	\$2,465,487	\$2,465,487	\$28,316,366
Upstream Purchased Gas Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Appalachian Gas Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local Production Gas Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Storage Rental & Transp. Cost	\$528,159	\$830,309	\$630,525	\$630,772	\$630,669	\$631,068	\$691,071	\$691,274	\$691,274	\$691,274	\$691,274	\$691,274	\$10,929,944
Total Demand Cost	\$2,843,542	\$3,087,291	\$3,197,983	\$3,117,408	\$3,200,433	\$3,349,445	\$3,383,991	\$3,384,232	\$3,384,232	\$3,384,232	\$3,456,761	\$3,456,761	\$39,246,309
Less: Offsystem Sales Purchase	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Demand Cost	\$2,843,542	\$3,087,291	\$3,197,983	\$3,117,408	\$3,200,433	\$3,349,445	\$3,383,991	\$3,384,232	\$3,384,232	\$3,384,232	\$3,456,761	\$3,456,761	\$39,246,309
Total Receipt Volume (D)	1,873,109	2,166,020	2,092,079	2,754,073	3,153,617	2,457,090	2,090,800	2,243,637	1,947,252	1,987,995	1,369,978	1,397,373	25,523,023
Less: Total Shrinkage (D)	27,907	32,700	34,108	50,070	63,366	43,382	23,337	32,208	28,061	29,075	21,915	21,971	422,058
Less: Offsystem Sales Purchase	0	275,408	269,359	260,670	100,579	251,681	0	0	0	0	0	0	1,157,697
Net Volume (D)	1,845,202	1,857,912	1,788,611	2,441,333	2,983,669	2,162,047	2,051,463	2,211,429	1,919,221	1,958,916	1,348,063	1,375,402	23,943,268
Unit Storage Demand Gas Cost													\$1,6391

Unit Storage Commodity Gas Cost (\$/D)	\$3,673,349	\$7,221,101	\$6,219,493	\$7,009,720	\$8,887,237	\$6,073,603	\$2,216,200	\$2,534,775	\$2,234,798	\$2,485,980	\$2,340,986	\$2,269,075	\$53,165,707
Upstream Purchased Gas Cost	\$935,137	\$68,155	\$60,653	\$24,780	\$11,715	\$10,710	\$3,039,483	\$3,087,098	\$2,747,686	\$2,700,907	\$1,215,199	\$1,363,202	\$15,264,724
Appalachian Gas Cost	\$5,647	\$6,904	\$6,442	\$6,699	\$5,898	\$3,779	\$5,998	\$6,096	\$6,057	\$6,339	\$6,344	\$6,146	\$72,196
Local Production Gas Cost	\$40,650	\$32,675	\$41,334	\$57,940	\$75,998	\$68,525	\$25,239	\$62,227	\$62,649	\$65,931	\$42,137	\$41,231	\$616,896
Storage Rental & Transp. Cost	\$4,654,783	\$7,328,635	\$6,327,912	\$7,069,138	\$8,980,849	\$6,157,016	\$5,296,948	\$5,690,166	\$5,051,190	\$5,258,557	\$3,604,666	\$3,679,654	\$69,119,513
Total Commodity Cost	\$0	\$894,421	\$645,074	\$651,001	\$740,552	\$548,914	\$0	\$0	\$0	\$0	\$0	\$0	\$2,979,912
Less: Offsystem Sales Purchase	\$4,654,783	\$6,434,214	\$5,682,968	\$6,448,137	\$8,740,297	\$5,608,102	\$5,286,948	\$5,690,166	\$5,051,190	\$5,258,557	\$3,604,666	\$3,679,654	\$69,119,513
Net Commodity Cost	1,873,109	2,166,020	2,092,079	2,754,073	3,153,617	2,457,090	2,090,800	2,243,637	1,947,252	1,987,995	1,369,978	1,397,373	25,523,023
Less: Total Shrinkage (D)	27,907	32,700	34,108	50,070	63,366	43,382	23,337	32,208	28,061	29,075	21,915	21,971	422,058
Less: Offsystem Sales Purchase	0	275,408	269,359	260,670	100,579	251,681	0	0	0	0	0	0	1,157,697
Net Volume (D)	1,845,202	1,857,912	1,788,611	2,441,333	2,983,669	2,162,047	2,051,463	2,211,429	1,919,221	1,958,916	1,348,063	1,375,402	23,943,268
Unit Storage Commodity Gas Cost (\$/D)													\$2,7621

* per Books.

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f), 2015
 Summary of Appalachian & Local Production Cost

Revenue Month	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15
NEGSC												
Appalachian - PA (Dt)	375,007	375,007	338,716	430,728	1,208,560	1,248,866	1,075,032	1,042,457	468,664	525,153	656,822	595,348
Appalachian - PA (Mcf)	350,802	350,802	316,853	402,926	1,130,571	1,168,256	1,005,643	975,170	438,432	491,256	614,427	556,820
Amount (\$)	\$1,236,151	\$1,266,527	\$1,124,315	\$1,337,211	\$3,039,483	\$3,087,098	\$2,747,686	\$2,700,907	\$1,215,199	\$1,363,202	\$1,774,634	\$1,694,431
EFT Shrinkage (Dt)	4,125	4,125	3,726	4,738	13,294	13,738	11,825	11,467	5,156	5,777	7,225	6,549
EFT Shrinkage (Mcf)	3,859	3,859	3,485	4,432	12,436	12,851	11,062	10,727	4,823	5,404	6,759	6,126
NEGDC												
Appalachian - PA (Dt)	370,882	370,882	334,990	425,990	1,195,286	1,235,128	1,063,207	1,030,990	463,528	519,376	649,597	588,799
Appalachian - PA (Mcf)	346,943	346,943	313,368	389,494	1,118,135	1,155,405	994,581	964,443	433,609	485,852	607,668	550,794
Amount (\$)	\$1,236,151	\$1,266,527	\$1,124,315	\$1,337,211	\$3,039,483	\$3,087,098	\$2,747,686	\$2,700,907	\$1,215,199	\$1,363,202	\$1,774,634	\$1,694,431
NEGDC												
Local Production - PA (Dt)	2,294	2,294	2,072	2,294	2,220	2,294	2,220	2,294	2,294	2,220	2,294	2,220
Local Production - PA (Mcf)	2,146	2,146	1,938	2,146	2,077	2,146	2,077	2,146	2,146	2,077	2,146	2,077
Amount (\$)	\$7,131	\$7,316	\$6,488	\$6,619	\$5,966	\$6,066	\$6,057	\$6,339	\$6,344	\$6,146	\$6,594	\$6,592
NEGDC												
Total PA (Dt)	373,176	373,176	337,062	428,284	1,197,506	1,237,422	1,065,427	1,033,284	465,822	521,596	651,891	591,019
Total PA (Mcf)	349,089	349,089	315,306	400,640	1,120,212	1,157,551	995,658	966,589	435,755	487,929	609,814	552,871
Total Amount (\$)	\$1,243,282	\$1,273,843	\$1,130,803	\$1,343,830	\$3,045,449	\$3,093,164	\$2,753,743	\$2,707,246	\$1,221,543	\$1,369,348	\$1,781,228	\$1,701,023

Summary of Appalachian & Local Production Cost

Revenue Month	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16
NEGSC												
Appalachian - PA (Dt)	628,866	8,866	81,840	628,866	1,208,660	1,248,866	1,068,521	988,320	201,539	828,377	638,443	638,443
Appalachian - PA (Mcf)	588,275	8,294	85,912	588,275	1,130,571	1,169,256	999,552	924,528	188,530	774,908	597,234	597,234
Amount (\$)	\$2,113,747	\$26,810	\$310,224	\$2,091,736	\$3,231,647	\$3,370,591	\$2,946,885	\$2,774,115	\$568,644	\$2,311,077	\$1,811,803	\$1,681,763
EFT Shrinkage (Dt)	6,918	98	1,010	6,918	13,234	13,728	11,754	10,872	2,217	9,112	7,023	7,023
EFT Shrinkage (Mcf)	6,471	91	945	6,471	12,436	12,851	10,995	10,170	2,074	8,524	6,570	6,570
NEGDC												
Appalachian - PA (Dt)	621,948	8,768	90,830	621,948	1,195,285	1,235,128	1,056,767	977,448	199,322	819,265	631,420	631,420
Appalachian - PA (Mcf)	581,804	8,203	84,967	581,804	1,118,135	1,155,405	988,557	914,358	186,456	766,384	590,664	590,664
Amount (\$)	\$2,113,747	\$26,810	\$310,224	\$2,091,736	\$3,231,647	\$3,370,591	\$2,946,885	\$2,774,115	\$568,644	\$2,311,077	\$1,811,803	\$1,681,763
NEGDC												
Local Production - PA (Dt)	2,294	2,294	2,146	2,294	2,220	2,294	2,220	2,294	2,294	2,220	2,294	2,294
Local Production - PA (Mcf)	2,146	2,146	2,007	2,146	2,077	2,146	2,077	2,146	2,146	2,077	2,146	2,146
Amount (\$)	\$7,202	\$7,358	\$6,840	\$7,421	\$6,319	\$6,587	\$6,505	\$6,835	\$6,869	\$6,576	\$6,906	\$6,874
NEGDC												
Total PA (Dt)	624,242	11,062	92,976	624,242	1,197,506	1,237,422	1,068,987	979,742	201,616	821,485	633,714	633,714
Total PA (Mcf)	583,960	10,349	86,974	583,960	1,120,212	1,157,551	990,634	916,504	188,602	768,461	592,810	592,810
Total Amount (\$)	\$2,120,949	\$34,168	\$317,064	\$2,098,657	\$3,237,966	\$3,377,178	\$2,953,390	\$2,780,950	\$575,513	\$2,317,653	\$1,818,709	\$1,688,637

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2015
 Pricing of Appalachian & Local Production - Dt

Revenue Month	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15
Appalachian - PA (Dt)	375,007	375,007	338,716	430,728	1,208,580	1,248,866	1,075,032	1,042,457	468,684	525,153	656,822	595,348
Vol. @ Production Rate 1	8,866	8,866	8,008	8,866	8,580	8,866	8,580	8,866	8,866	8,580	8,866	8,580
Vol. @ Production Rate 2	0	0	0	421,862	1,200,000	1,240,000	1,066,452	1,033,591	459,818	516,573	647,956	586,768
Vol. @ Production Rate 3	335,141	335,141	302,708	0	0	0	0	0	0	0	0	0
Vol. @ Production Rate 4	31,000	31,000	28,000	0	0	0	0	0	0	0	0	0
Production Rate 1	\$2,9249	\$3,0059	\$2,9479	\$2,7019	\$2,5039	\$2,4609	\$2,5449	\$2,5799	\$2,5819	\$2,5849	\$2,6909	\$2,7859
Production Rate 2	\$3,3360	\$3,4170	\$3,3590	\$3,1130	\$2,5150	\$2,4720	\$2,5560	\$2,5910	\$2,5930	\$2,5960	\$2,7020	\$2,8470
Production Rate 3	\$3,3210	\$3,4020	\$3,3440	\$3,0980	\$2,5000	\$2,4570	\$2,5410	\$2,5760	\$2,5780	\$2,5810	\$2,6870	\$2,8320
Production Rate 4	\$3,1360	\$3,2170	\$3,1590	\$2,9130	\$2,3150	\$2,2720	\$2,3560	\$2,3910	\$2,3990	\$2,3960	\$2,5020	\$2,8970
Amount	\$25,932	\$26,650	\$23,607	\$23,955	\$21,483	\$21,818	\$21,835	\$22,873	\$22,891	\$22,178	\$23,857	\$23,903
@ Production Rate 1	\$0	\$0	\$0	\$1,313,256	\$3,018,000	\$3,065,280	\$2,725,851	\$2,678,034	\$1,192,308	\$1,341,024	\$1,750,777	\$1,670,528
@ Production Rate 2	\$1,113,003	\$1,140,150	\$1,012,256	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
@ Production Rate 3	\$97,216	\$99,727	\$88,452	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
@ Production Rate 4	\$1,236,151	\$1,266,527	\$1,124,315	\$1,337,211	\$3,039,483	\$3,087,098	\$2,747,686	\$2,700,907	\$1,215,199	\$1,363,202	\$1,774,634	\$1,694,431
Total Appalachian												

Revenue Month	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15
Local Production - PA (Dt)	2,294	2,294	2,072	2,294	2,220	2,294	2,220	2,294	2,294	2,220	2,294	2,220
Vol. @ Production Rate 1	2,294	2,294	2,072	2,294	2,220	2,294	2,220	2,294	2,294	2,220	2,294	2,220
Vol. @ Production Rate 2	-	-	-	-	-	-	-	-	-	-	-	-
Distribution Production Rate 1	\$3,108	\$3,189	\$3,131	\$2,885	\$2,687	\$2,644	\$2,728	\$2,763	\$2,765	\$2,768	\$2,874	\$2,969
Distribution Production Rate 2												
Amount	\$7,131	\$7,316	\$6,488	\$6,619	\$5,966	\$6,066	\$6,057	\$6,339	\$6,344	\$6,146	\$6,594	\$6,592
@ Production Rate 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
@ Production Rate 2	\$7,131	\$7,316	\$6,488	\$6,619	\$5,966	\$6,066	\$6,057	\$6,339	\$6,344	\$6,146	\$6,594	\$6,592
Total												

National Fuel Gas Distribution Corporation
 Pennsylvania Division - 1307(f) 2015
 Pricing of Appalachian & Local Production

Revenue Month	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16
Appalachian - PA (Dt)	628,866	8,866	91,840	628,866	1,208,580	1,248,866	1,068,521	988,320	201,539	828,377	638,443	638,443
Vol. @ Production Rate 1	8,866	8,866	8,294	8,866	8,580	8,866	8,580	8,866	8,866	8,580	8,866	8,580
Vol. @ Production Rate 2	620,000	0	83,546	620,000	1,200,000	1,240,000	1,059,341	979,454	192,873	819,797	629,577	557,085
Vol. @ Production Rate 3	0	0	0	0	0	0	0	0	0	0	0	0
Vol. @ Production Rate 4	0	0	0	0	0	0	0	0	0	0	0	0
Production Rate 1	\$2,9559	\$3,0239	\$3,0039	\$2,9209	\$2,6629	\$2,6879	\$2,7469	\$2,7959	\$2,8109	\$2,7789	\$2,8289	\$2,9129
Production Rate 2	\$3,3670	\$3,4350	\$3,4150	\$3,3320	\$2,6740	\$2,6990	\$2,7580	\$2,8070	\$2,8220	\$2,7900	\$2,8380	\$2,9740
Production Rate 3	\$3,3520	\$3,4200	\$3,4000	\$3,3170	\$2,6590	\$2,6840	\$2,7430	\$2,7920	\$2,8070	\$2,7750	\$2,8230	\$2,9590
Production Rate 4	\$3,1670	\$3,2350	\$3,2150	\$3,1320	\$2,4740	\$2,4990	\$2,5580	\$2,6070	\$2,6220	\$2,5900	\$2,6380	\$3,0240
Amount	\$26,207	\$26,810	\$24,914	\$25,896	\$22,847	\$23,831	\$23,568	\$24,788	\$24,921	\$23,843	\$25,063	\$24,992
@ Production Rate 1	\$2,087,540	\$0	\$285,310	\$2,066,840	\$3,208,800	\$3,346,760	\$2,923,317	\$2,749,327	\$543,723	\$2,287,234	\$1,786,740	\$1,656,771
@ Production Rate 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
@ Production Rate 3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
@ Production Rate 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Appalachian	\$2,113,747	\$26,810	\$310,224	\$2,091,736	\$3,231,647	\$3,370,591	\$2,946,885	\$2,774,115	\$568,644	\$2,311,077	\$1,811,803	\$1,681,763

Revenue Month	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16
Local Production - PA (Dt)	2,294	2,294	2,146	2,294	2,220	2,294	2,220	2,294	2,294	2,220	2,294	2,220
Vol. @ Production Rate 1	2,294	2,294	2,146	2,294	2,220	2,294	2,220	2,294	2,294	2,220	2,294	2,220
Vol. @ Production Rate 2	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Production Rate 1	\$3,1393	\$3,2073	\$3,1873	\$3,1043	\$2,8463	\$2,8713	\$2,9303	\$2,9793	\$2,9943	\$2,9623	\$3,0103	\$3,0963
Distribution Production Rate 2	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000
Amount	\$7,202	\$7,358	\$6,840	\$7,121	\$6,319	\$6,587	\$6,505	\$6,835	\$6,869	\$6,576	\$6,906	\$6,874
@ Production Rate 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
@ Production Rate 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$7,202	\$7,358	\$6,840	\$7,121	\$6,319	\$6,587	\$6,505	\$6,835	\$6,869	\$6,576	\$6,906	\$6,874

National Fuel Gas Distribution Corporation
 1307(f) 2015 Filing
 Upstream Pipeline Rates

Pipeline	Service	Component	12/1/2014	1/1/2015	2/1/2015	3/1/2015	4/1/2015	5/1/2015	6/1/2015	7/1/2015	8/1/2015	9/1/2015	10/1/2015	
Columbia	FTS	Reservation Rate	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	
		Commodity - Base	\$5,8610	\$5,8610	\$6,1310	\$6,1090	\$6,1310	\$6,1310	\$6,1310	\$6,1310	\$6,1310	\$6,1310	\$6,1310	\$6,1310
		Commodity - ACA	\$0,0154	\$0,0154	\$0,0154	\$0,0154	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014
		Commodity - Total	\$0,0168	\$0,0168	\$0,0168	\$0,0168	\$0,0194	\$0,0194	\$0,0194	\$0,0194	\$0,0194	\$0,0194	\$0,0194	\$0,0194
		Fuel Retention	1.917%	1.917%	1.917%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	
SST	Reservation	Reservation Rate	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	
		Inj. Commodity-base	\$5,6910	\$5,6910	\$5,9610	\$5,9390	\$5,9610	\$5,9610	\$5,9610	\$5,9610	\$5,9610	\$5,9610	\$5,9610	\$5,9610
		Inj. Commodity-ACA	\$0,0152	\$0,0152	\$0,0152	\$0,0178	\$0,0178	\$0,0178	\$0,0178	\$0,0178	\$0,0178	\$0,0178	\$0,0178	\$0,0178
		Inj. Commodity-Total	\$0,0166	\$0,0166	\$0,0166	\$0,0166	\$0,0192	\$0,0192	\$0,0192	\$0,0192	\$0,0192	\$0,0192	\$0,0192	\$0,0192
		Withdr. Commodity	\$0,0152	\$0,0152	\$0,0152	\$0,0178	\$0,0178	\$0,0178	\$0,0178	\$0,0178	\$0,0178	\$0,0178	\$0,0178	
		Fuel Retention	1.917%	1.917%	1.917%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	
FSS	Reservation	Reservation Rate	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	
		Capacity	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	
		Capacity Rate	\$1,5090	\$1,5090	\$1,5010	\$1,5010	\$1,5010	\$1,5010	\$1,5010	\$1,5010	\$1,5010	\$1,5010	\$1,5010	\$1,5010
		Injection Rate	\$0,0289	\$0,0289	\$0,0288	\$0,0288	\$0,0288	\$0,0288	\$0,0288	\$0,0288	\$0,0288	\$0,0288	\$0,0288	\$0,0288
		Withdrawal Rate	\$0,0153	\$0,0153	\$0,0153	\$0,0153	\$0,0153	\$0,0153	\$0,0153	\$0,0153	\$0,0153	\$0,0153	\$0,0153	
		Fuel Retention	0.12%	0.12%	0.12%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	

Notes: (latest rates)

1. V1 - FTS Rates - Version 31.0.0
2. V8 - SST Rates - Version 31.0.0
3. V9 - FSS Rates - Version 4.0.0
4. V17 - Retainage Rates - Version 5.0.0

National Fuel Gas Distribution Corporation
 1307(f) 2015 Filing
 Upstream Pipeline Rates

Pipeline	Service	Component	11/1/2015	12/1/2015	1/1/2016	2/1/2016	3/1/2016	4/1/2016	5/1/2016	6/1/2016	7/1/2016	8/1/2016	9/1/2016	10/1/2016	
Columbia	FTS	Reservation	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	1,748	
		Reservation Rate	\$6.1310	\$6.1310	\$6.1310	\$6.1310	\$6.1310	\$6.1310	\$6.1310	\$6.1310	\$6.1310	\$6.1310	\$6.1310	\$6.1310	\$6.1310
		Commodity - base	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180	\$0.0180
		Commodity - ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
		Commodity - Total	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194
		Fuel Retention	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	
SST	SST	Reservation	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	
		Reservation Rate	\$5.9610	\$5.9610	\$5.9610	\$5.9610	\$5.9610	\$5.9610	\$5.9610	\$5.9610	\$5.9610	\$5.9610	\$5.9610	\$5.9610	
		Inj. Commodity-base	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	
		Inj. Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
		Inj. Commodity-Total	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	
		Withdr. Commodity	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178	\$0.0178		
		Fuel Retention	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	1.885%	
FSS	FSS	Reservation	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	18,417	
		Capacity	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	564,031	
		Reservation Rate	\$1.5010	\$1.5010	\$1.5010	\$1.5010	\$1.5010	\$1.5010	\$1.5010	\$1.5010	\$1.5010	\$1.5010	\$1.5010	\$1.5010	
		Capacity Rate	\$0.0288	\$0.0288	\$0.0288	\$0.0288	\$0.0288	\$0.0288	\$0.0288	\$0.0288	\$0.0288	\$0.0288	\$0.0288	\$0.0288	
		Injection Rate	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	
		Withdrawal Rate	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153		
		Fuel Retention	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	

Notes: (latest rates)

1. V1 - FTS Rates - Version 31.0.0
2. V8 - SST Rates - Version 31.0.0
3. V9 - FSS Rates - Version 4.0.0
4. V17 - Retainage Rates - Version 5.0.0

National Fuel Gas Distribution Corporation
 1307(f) 2015 Filing
 Upstream Pipeline Rates

Pipeline	Service	Component	12/1/2014	1/1/2015	2/1/2015	3/1/2015	4/1/2015	5/1/2015	6/1/2015	7/1/2015	8/1/2015	9/1/2015	10/1/2015
Texas Eastern	FT-1 Reservation Volumes	Demand (STX)	680	680	680	680	680	680	680	680	680	680	680
		Demand (WLA)	771	771	771	771	771	771	771	771	771	771	771
		Demand (ELA)	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409
		Demand (ETX)	392	392	392	392	392	392	392	392	392	392	392
		Average	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
FT-1 Reservation Rates	Demand (STX)	\$6,5800	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810
	Demand (WLA)	\$2,6010	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020
	Demand (ELA)	\$2,1510	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520
	Demand (ETX)	\$1,9650	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660
	Average	\$7,6460	\$7,6470	\$7,6470	\$7,6470	\$7,6470	\$7,6470	\$7,6470	\$7,6470	\$7,6470	\$7,6470	\$7,6470	\$7,6470
FT-1	Average	\$8,6741	\$8,6741	\$8,6741	\$8,6741	\$8,6741	\$8,6741	\$8,6741	\$8,6741	\$8,6741	\$8,6741	\$8,6741	\$8,6741
Commodity Base	STX-M2		\$0,0747	\$0,0747	\$0,0747	\$0,0747	\$0,0747	\$0,0747	\$0,0747	\$0,0747	\$0,0747	\$0,0747	\$0,0747
	WLA-M2		\$0,0695	\$0,0695	\$0,0695	\$0,0695	\$0,0695	\$0,0695	\$0,0695	\$0,0695	\$0,0695	\$0,0695	\$0,0695
	ELA-M2		\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672
	ETX-M2		\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672	\$0,0672
	M1-M2		\$0,0491	\$0,0491	\$0,0491	\$0,0491	\$0,0491	\$0,0491	\$0,0491	\$0,0491	\$0,0491	\$0,0491	\$0,0491
ACA		\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	
Commodity Total	STX-M2		\$0,0761	\$0,0761	\$0,0761	\$0,0761	\$0,0761	\$0,0761	\$0,0761	\$0,0761	\$0,0761	\$0,0761	\$0,0761
	WLA-M2		\$0,0709	\$0,0709	\$0,0709	\$0,0709	\$0,0709	\$0,0709	\$0,0709	\$0,0709	\$0,0709	\$0,0709	\$0,0709
	ELA-M2		\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686
	ETX-M2		\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686	\$0,0686
	M1-M2		\$0,0505	\$0,0505	\$0,0505	\$0,0505	\$0,0505	\$0,0505	\$0,0505	\$0,0505	\$0,0505	\$0,0505	\$0,0505
Shrinkage	STX-M2		5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%
	WLA-M2		5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%
	ELA-M2		4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%
	ETX-M2		4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%
	M1-M2		3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%

Notes: (latest rates)

1. Part 4 Statements of Rates - 2. Rate Sch. FT-1 - Version 33.0 Page 1
2. Part 4 Statements of Rates - 2. Rate Sch. FT-1 - Version 33.0 Page 2
3. Part 4 Statements of Rates - 16. Percentages for Applicable Shrinkage - Version 6.0 Page 1
4. Part 4 Statements of Rates - 16. Percentages for Applicable Shrinkage - Version 6.0 Page 2

National Fuel Gas Distribution Corporation
 130710 2015 Filing
 Upstream Pipeline Rates

Pipeline	Services	Component	11/1/2015	12/1/2015	1/1/2016	2/1/2016	3/1/2016	4/1/2016	5/1/2016	5/1/2016	7/1/2016	8/1/2016	9/1/2016	10/1/2016	
Texas Eastern	FT-1 Reservation Volumes	Demand (STX)	679	679	679	679	679	679	679	679	679	679	679	679	
		Demand (WLA)	771	771	771	771	771	771	771	771	771	771	771	771	771
		Demand (ELA)	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409	1,409
		Demand (ETX)	392	392	392	392	392	392	392	392	392	392	392	392	392
		Demand (M2)	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Average															
FT-1 Reservation Rates	Demand (STX)	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	\$6,5810	
	Demand (WLA)	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	\$2,6020	
	Demand (ELA)	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	\$2,1520	
	Demand (ETX)	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	\$1,9660	
	Demand (M2)	\$7,9140	\$7,9140	\$7,9140	\$7,9140	\$7,9140	\$7,9140	\$7,9140	\$7,9140	\$7,9140	\$7,9140	\$7,9140	\$7,9140	\$7,9140	
Average															
Commodity Base	STX-M2	WLA-M2	\$0.0905	\$0.0905	\$0.0905	\$0.0905	\$0.0905	\$0.0905	\$0.0905	\$0.0905	\$0.0905	\$0.0905	\$0.0905	\$0.0905	\$0.0905
		ELA-M2	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853
		ETX-M2	\$0.0830	\$0.0830	\$0.0830	\$0.0830	\$0.0830	\$0.0830	\$0.0830	\$0.0830	\$0.0830	\$0.0830	\$0.0830	\$0.0830	\$0.0830
		M1-M2	\$0.0648	\$0.0648	\$0.0648	\$0.0648	\$0.0648	\$0.0648	\$0.0648	\$0.0648	\$0.0648	\$0.0648	\$0.0648	\$0.0648	\$0.0648
		ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
Commodity Total	STX-M2	WLA-M2	\$0.0919	\$0.0919	\$0.0919	\$0.0919	\$0.0919	\$0.0919	\$0.0919	\$0.0919	\$0.0919	\$0.0919	\$0.0919	\$0.0919	\$0.0919
		ELA-M2	\$0.0867	\$0.0867	\$0.0867	\$0.0867	\$0.0867	\$0.0867	\$0.0867	\$0.0867	\$0.0867	\$0.0867	\$0.0867	\$0.0867	\$0.0867
		ETX-M2	\$0.0844	\$0.0844	\$0.0844	\$0.0844	\$0.0844	\$0.0844	\$0.0844	\$0.0844	\$0.0844	\$0.0844	\$0.0844	\$0.0844	\$0.0844
		M1-M2	\$0.0662	\$0.0662	\$0.0662	\$0.0662	\$0.0662	\$0.0662	\$0.0662	\$0.0662	\$0.0662	\$0.0662	\$0.0662	\$0.0662	\$0.0662
		Average	\$8.4279	\$8.4279	\$8.4279	\$8.4279	\$8.4279	\$8.4279	\$8.4279	\$8.4279	\$8.4279	\$8.4279	\$8.4279	\$8.4279	\$8.4279
Shrinkage	STX-M2	WLA-M2	4.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%
		ELA-M2	3.95%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%	5.08%
		ETX-M2	3.96%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%
		M1-M2	2.84%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%	3.37%
		Average	4.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%	5.14%

Notes: (latest rates)
 1. Part 4 Statements of Rates - 2. Rate Sch. FT-1
 2. Part 4 Statements of Rates - 2. Rate Sch. FT-1
 3. Part 4 Statements of Rates - 16. Percentages f
 4. Part 4 Statements of Rates - 16. Percentages f

National Fuel Gas Distribution Corporation
 1307(f) 2015 Filing
 Upstream Pipeline Rates

Pipeline	Service	Component	12/1/2014	1/1/2015	2/1/2015	3/1/2015	4/1/2015	5/1/2015	6/1/2015	7/1/2015	8/1/2015	9/1/2015	10/1/2015	
Tennessee	FTA-4 (0-4)	Reservation Rate	22,293	22,293	22,293	22,293	22,293	22,293	22,293	22,293	22,293	22,293	22,293	
		Commodity-base	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965
		Commodity-ACA	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766
		Commodity-EPCR	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
		Commodity-Total	\$0.0163	\$0.0163	\$0.0163	\$0.0163	\$0.0163	\$0.0163	\$0.0163	\$0.0163	\$0.0163	\$0.0163	\$0.0163	\$0.0163
		Fuel Retention	\$0.2943	\$0.2943	\$0.2943	\$0.2943	\$0.2943	\$0.2943	\$0.2943	\$0.2943	\$0.2943	\$0.2943	\$0.2943	\$0.2943
	FTA-4 (1-4)	Reservation Rate	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707
		Commodity-base	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455
		Commodity-ACA	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354
		Commodity-EPCR	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
		Commodity-Total	\$0.0137	\$0.0137	\$0.0137	\$0.0137	\$0.0137	\$0.0137	\$0.0137	\$0.0137	\$0.0137	\$0.0137	\$0.0137	\$0.0137
		Fuel Retention	\$0.2505	\$0.2505	\$0.2505	\$0.2505	\$0.2505	\$0.2505	\$0.2505	\$0.2505	\$0.2505	\$0.2505	\$0.2505	\$0.2505
	FTA-4 (4-4)	Reservation Rate	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000
Commodity-base		\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	
Commodity-ACA		\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	
Commodity-EPCR		\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
Commodity-Total		\$0.0017	\$0.0017	\$0.0017	\$0.0017	\$0.0017	\$0.0017	\$0.0017	\$0.0017	\$0.0017	\$0.0017	\$0.0017	\$0.0017	
Fuel Retention		\$0.0514	\$0.0514	\$0.0514	\$0.0514	\$0.0514	\$0.0514	\$0.0514	\$0.0514	\$0.0514	\$0.0514	\$0.0514	\$0.0514	
FTA-4 (5-4)	Reservation Rate	0	0	0	0	0	0	0	0	0	0	0	0	
	Commodity-base	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	
	Commodity-ACA	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	
	Commodity-EPCR	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
	Commodity-Total	\$0.0029	\$0.0029	\$0.0029	\$0.0029	\$0.0029	\$0.0029	\$0.0029	\$0.0029	\$0.0029	\$0.0029	\$0.0029	\$0.0029	
	Fuel Retention	\$0.0717	\$0.0717	\$0.0717	\$0.0717	\$0.0717	\$0.0717	\$0.0717	\$0.0717	\$0.0717	\$0.0717	\$0.0717	\$0.0717	

Notes:
 1. Seventh Revised Sheet No. 14
 2. Tenth Revised Sheet No. 15
 3. Ninth Revised Sheet No. 32

National Fuel Gas Distribution Corporation
 1907(f) 2015 Filing
 Upstream Pipeline Rates

Pipeline	Service	Component	11/1/2015	12/1/2015	1/1/2016	2/1/2016	3/1/2016	4/1/2016	5/1/2016	6/1/2016	7/1/2016	8/1/2016	9/1/2016	10/1/2016	
Tennessee	FTA-4 (0-4)	Reservation	22,293	22,293	22,293	22,293	22,293	22,293	22,293	22,293	22,293	22,293	22,293	22,293	
		Reservation Rate	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965	\$17,9965
		Commodity-base	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766	\$0.2766
		Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014
		Commodity-EPCR	\$0.0439	\$0.0439	\$0.0439	\$0.0439	\$0.0439	\$0.0439	\$0.0439	\$0.0439	\$0.0439	\$0.0439	\$0.0439	\$0.0439	\$0.0439
	Commodity-Total	\$0.3219	\$0.3219	\$0.3219	\$0.3219	\$0.3219	\$0.3219	\$0.3219	\$0.3219	\$0.3219	\$0.3219	\$0.3219	\$0.3219	\$0.3219	
	Fuel Retention	2.05%	2.05%	2.05%	2.05%	2.05%	2.05%	2.05%	2.05%	2.05%	2.05%	2.05%	2.05%	2.05%	
	FTA-4 (1-4)	Reservation	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707	12,707
		Reservation Rate	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455	\$15.3455
		Commodity-base	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354	\$0.2354
Commodity-ACA		\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
Commodity-EPCR		\$0.0368	\$0.0368	\$0.0368	\$0.0368	\$0.0368	\$0.0368	\$0.0368	\$0.0368	\$0.0368	\$0.0368	\$0.0368	\$0.0368	\$0.0368	
Commodity-Total	\$0.2736	\$0.2736	\$0.2736	\$0.2736	\$0.2736	\$0.2736	\$0.2736	\$0.2736	\$0.2736	\$0.2736	\$0.2736	\$0.2736	\$0.2736		
Fuel Retention	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%		
FTA-4 (4-4)	Reservation	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	39,000	
	Reservation Rate	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	\$5.4628	
	Commodity-base	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	\$0.0483	
	Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
	Commodity-EPCR	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	\$0.0045	
Commodity-Total	\$0.0542	\$0.0542	\$0.0542	\$0.0542	\$0.0542	\$0.0542	\$0.0542	\$0.0542	\$0.0542	\$0.0542	\$0.0542	\$0.0542	\$0.0542		
Fuel Retention	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%		
FTA-4 (5-4)	Reservation	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Reservation Rate	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	\$6.0642	
	Commodity-base	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	\$0.0674	
	Commodity-ACA	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	\$0.0014	
	Commodity-EPCR	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	\$0.0078	
Commodity-Total	\$0.0766	\$0.0766	\$0.0766	\$0.0766	\$0.0766	\$0.0766	\$0.0766	\$0.0766	\$0.0766	\$0.0766	\$0.0766	\$0.0766	\$0.0766		
Fuel Retention	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%		

- Notes:
 1. Seventh Revised Sheet No.14
 2. Tenth Revised Sheet No. 15
 3. Ninth Revised Sheet No. 32

National Fuel Gas Distribution Corporation
 1307(f) 2015 Filing
 Upstream Pipeline Rates exclusive of GSR & Stranded Cost

Pipeline	Service	Component	12/1/2014	1/1/2015	2/1/2015	3/1/2015	4/1/2015	5/1/2015	6/1/2015	7/1/2015	8/1/2015	9/1/2015	10/1/2015
NFQSC	EFT	Reservation	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778
		Reservation Rate	\$3,9652	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653
		Capacity-base	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148
		Commodity-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014
		Commodity-Total	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162
		Fuel Retention-base	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
		Fuel Retention-LAUF	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%
		Fuel Retention-total	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%
		Reservation	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352
		Reservation Rate	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148
FG	EFT	Capacity-base	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014
		Commodity-ACA	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162
		Commodity-Total	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
		Fuel Retention-base	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%
		Fuel Retention-LAUF	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%
		Fuel Retention-total	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%
		Reservation	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563
		Capacity	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462
		Reservation Rate	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959
		Capacity Rate	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404
ESS	EFT	Injection Rate-base	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411
		Injection Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014
		Injection Rate-Total	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425
		Withdrawal Rate-base	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411
		Withdrawal Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014
		Withdrawal Rate-Total	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425
		Fuel Retention-LAUF	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%
		Reservation	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563
		Capacity	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462
		Reservation Rate	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959
Capacity Rate	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404		
FSS	EFT	Injection Rate-base	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411
		Injection Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014
		Injection Rate-Total	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425
		Withdrawal Rate-base	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411
		Withdrawal Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014
		Withdrawal Rate-Total	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425
		Fuel Retention-LAUF	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%
		Reservation	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666
		Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
		Reservation Rate	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826
Capacity Rate	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381		
FSS	EFT	Injection Rate-base	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391
		Injection Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014
		Injection Rate-Total	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405
		Withdrawal Rate-base	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391
		Withdrawal Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014
		Withdrawal Rate-Total	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405
		Fuel Retention-LAUF	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%
		Reservation	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666
		Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
		Reservation Rate	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826
Capacity Rate	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381		

Notes:
 1. Part 4 - Applicable Rates, Section 4.010 Transportation Rates - Version 12.0.0
 2. Part 4 - Applicable Rates, Section 4.020 Storage Rates - Version 8.0
 3. Part 4 - Applicable Rates, Section 4.040 Gathering Rates - Version 19.0

National Fuel Gas Distribution Corporation
 1307(f) 2015 Filing
 Upstream Pipeline Rates exclusive of GSR & Stranded Cost

Pipeline	Service	Component	11/1/2015	12/1/2015	1/1/2016	2/1/2016	3/1/2016	4/1/2016	5/1/2016	6/1/2016	7/1/2016	8/1/2016	9/1/2016	10/1/2016		
NFQSC	EFT	Reservation	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778	335,778	
		Reservation Rate	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	\$3,9653	
		Commodity-base	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	
		Commodity-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	
		Commodity-Total	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	
		Fuel Retention-base	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	
		Fuel Retention-LAUF	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	
		Fuel Retention-total	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	
		FG	Reservation	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352	5,352
		Reservation Rate	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148	\$0,0148
Commodity-base	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014		
Commodity-ACA	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162	\$0,0162		
Commodity-Total	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%			
Fuel Retention-base	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%			
Fuel Retention-LAUF	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%			
Fuel Retention-total	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%			
ESS	ESS	Reservation	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	187,563	
		Capacity	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	9,195,462	
		Reservation Rate	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	\$2,5959	
		Capacity Rate	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	\$0,0404	
		Injection Rate-base	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	
		Injection Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	
		Injection Rate-Total	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	
		Withdrawal Rate-base	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	\$0,0411	
		Withdrawal Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	
		Withdrawal Rate-Total	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	\$0,0425	
Fuel Retention-LAUF	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%			
FSS	FSS	Reservation	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	10,666	
		Capacity	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	
		Reservation Rate	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	\$2,4826	
		Capacity Rate	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	\$0,0381	
		Injection Rate-base	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	
		Injection Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	
		Injection Rate-Total	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	
		Withdrawal Rate-base	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	\$0,0391	
		Withdrawal Rate-ACA	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	\$0,0014	
		Withdrawal Rate-Total	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	\$0,0405	
Fuel Retention-LAUF	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%			

Notes:
 1. Part 4 - Applicable Rates, Section 4.010 Transportation
 2. Part 4 - Applicable Rates, Section 4.020 Storage Rate
 3. Part 4 - Applicable Rates, Section 4.040 Gathering Ra

National Fuel Gas Distribution Corporation
 Pennsylvania Division
 Calculation of Firm Gathering Rate
 \$/Dth
 1307(f) 2015 Filing

Exhibit 23
 Schedule 3
 Sheet 9
 Settlement 3/15

Historical	Actual NYMEX ^(A) (1)	Columbia Apalachian (2)	Difference (3 = 2 - 1)	% (4 = 3 / 1)
December 2013	\$3.8180	\$3.7500	(0.068)	0.9822
January 2014	\$4.4070	\$4.2300	(0.177)	0.9598
February	\$5.5570	\$5.6100	0.053	1.0095
March	\$4.8550	\$4.9200	0.065	1.0134
April	\$4.5840	\$4.4900	(0.094)	0.9795
May	\$4.7950	\$4.7200	(0.075)	0.9844
June	\$4.6190	\$4.5800	(0.039)	0.9916
July	\$4.4000	\$4.3300	(0.070)	0.9841
August	\$3.8080	\$3.7600	(0.048)	0.9874
September	\$3.9570	\$3.9400	(0.017)	0.9957
October	\$3.9840	\$3.9600	(0.024)	0.9940
November	\$3.7280	\$3.6300	(0.098)	0.9737

Forecast	Projected NYMEX ^(B) (5)	Forecasted Index Price (6 = 4 x 5)	FG rate ^(C) (7)
December 2014			\$23.7426
January 2015	4.0170	3.86	22.2196
February	3.9590	4.00	22.2196
March	3.7130	3.76	23.7426
April	3.5150	3.44	25.2656
May	3.4720	3.42	25.2656
June	3.5560	3.53	25.2656
July	3.5910	3.53	25.2656
August	3.5930	3.55	25.2656
September	3.5960	3.58	25.2656
October	3.7020	3.68	23.7426
November	3.7970	3.70	23.7426
December	3.9670	3.90	22.2196
January 2016	4.0350	3.87	22.2196
February	4.0150	4.05	20.6966
March	3.9320	3.98	22.2196
April	3.6740	3.60	25.2656
May	3.6990	3.64	23.7426
June	3.7580	3.73	23.7426
July	3.8070	3.75	23.7426
August	3.8220	3.77	23.7426
September	3.7900	3.77	23.7426
October	3.8380	3.81	22.2196
November	3.9240	3.82	22.2196

(A) NYMEX Actual

(B) PGC Exhibit 25

(C) From FG Index Price table Part 4 - Applicable Rates, Section 4.040 Gathering Rates - Version 19.

National Fuel Gas Distribution Corporation
2015 1307(f) Filing
Wellhead Price Projection

Projected Month		Note 1	Note 2	Note 3	Projected NFG Receipt Price (\$/Dth)
		EIA Henry Hub Spot Natural Gas Price (\$/Dth)	NYMEX Settle/Average (\$/Dth)	Long-term BENTEK Henry Hub (\$/Dth)	
		(A)	(B)	(C)	(D)
November	2014				\$ 3.6230
December	2014	Deleted for	\$3.788	Deleted for	\$3.936
January	2015	Settlement	\$3.871	Settlement	\$4.017
February	2015		\$3.866		\$3.959
March	2015		\$3.799		\$3.713
April	2015		\$3.614		\$3.515
May	2015		\$3.595		\$3.472
June	2015		\$3.629		\$3.556
July	2015		\$3.663		\$3.591
August	2015		\$3.678		\$3.593
September	2015		\$3.669		\$3.596
October	2015		\$3.696		\$3.702
November	2015		\$3.802		\$3.797
December	2015		\$3.961		\$3.967
January	2016		\$4.069		\$4.035
February	2016		\$4.049		\$4.015
March	2016		\$3.984		\$3.932
April	2016		\$3.798		\$3.674
May	2016		\$3.798		\$3.699
June	2016		\$3.825		\$3.758
July	2016		\$3.853		\$3.807
August	2016		\$3.863		\$3.822
September	2016		\$3.849		\$3.790
October	2016		\$3.875		\$3.838
November	2016		\$3.947		\$3.924
December	2016		\$4.108		\$4.104
Average			\$3.826		\$3.792
August 2015-July 2016			\$3.849		\$3.798

Footnote:

1. EIA Short-Term Energy Outlook for Henry Hub Spot Natural Gas Price as of October 7, 2014
2. NYMEX Settle as of October 29, 2014
3. Long-term projection at Henry Hub from BENTEK as of October 27, 2014

Appendix C

Distribution, its customers, and the other Joint Petitioners and is otherwise in the public interest. It should accordingly be approved without modification.

The Settlement was achieved only after a comprehensive investigation of Distribution's natural gas procurement policies and operations. In addition to informal discovery, Distribution responded to numerous formal discovery requests. The parties served testimony and accompanying exhibits supporting their respective positions. The parties participated in settlement discussions which ultimately led to the Settlement.

For these reasons and the reasons set forth below, the Settlement is just and reasonable and Distribution's 2015 1307(f) Filing, as modified by the Settlement, should be approved.

II. COMMISSION POLICY FAVORS SETTLEMENT

Commission policy promotes settlements. *See* 52 Pa. Code § 5.231. Settlements reduce the time and expense that the parties must expend litigating a case and, at the same time, conserve precious administrative resources. The Commission has stated that settlement results are often preferable to those achieved at the conclusion of a fully-litigated proceeding. *See* 52 Pa. Code § 69.401. In order to accept a settlement, the Commission must first determine that the proposed terms and conditions are in the public interest. *Pa. Pub. Util. Comm'n v. York Water Co.*, Docket No. R-00049165 (Order entered Oct. 4, 2004); *Pa. Pub. Util. Comm'n v. C.S. Water and Sewer Assocs.*, 74 Pa. P.U.C. 767 (1991).

III. THE SETTLEMENT IS IN THE PUBLIC INTEREST

The Settlement reflects a carefully-balanced compromise of the interests of all of the Joint Petitioners.

A. PGC RATES

The rates that Distribution proposed to place into effect on August 1, 2015 are supported by record evidence. Distribution explained in detail the development of its natural gas supply rates utilizing cost projections, sales projections, and the reconciliation process. Distribution's testimony and exhibits provided full support for the rates and their underlying calculations. See Distribution PGC St. Nos. 6, 7; PGC Exhibit No. 21.

Accordingly, under the terms of the Settlement, the Joint Petitioners agreed that, on August 1, 2015, Distribution may place into effect the natural gas rates set forth in **Appendix A** of the Settlement, subject to updates through June 30, 2015. Settlement ¶ 41.

B. DESIGN DAY REQUIREMENTS

In this proceeding, no party disputed Distribution's overall design day requirements. The rates set in this proceeding will be based on a contracted-for level of pipeline and storage capacity of 341,130 Dth/day for the 2014-15 winter. The Settlement provides that approval of the Settlement and the rates set forth therein will not constitute approval of the specific methodologies used by Distribution to calculate design peak day requirements.

C. TETCO CAPACITY

As explained in PGC Exhibit No. 4, most gas supplies acquired for Distribution's customers are transported to interstate facilities owned by National Fuel Gas Supply Corporation ("Supply") by other pipelines and are redelivered to Distribution for its customers.² Supply owns and operates extensive pipeline and storage facilities in Pennsylvania and New York. PGC Exh. No. 4, pp. 2-3.

² Supply is subject to regulation by the Federal Energy Regulatory Commission ("FERC") and is an affiliate of Distribution.

Following the colder than normal winter of 2013-2014, Distribution determined that it needed to increase its design day capacity on Supply by 41,000 Dth/day to provide reliable gas supplies in the event of a design peak day. Distribution PGC St. No. 4, pp. 6-7. Further, Distribution proposed to increase its Firm Transportation (“FT”) capacity on Texas Eastern Transmission, LP (“TETCO”) from 10,000 Dth/day to 20,000 Dth/day to diversify Distribution’s pipeline capacity that flows into Supply to better ensure availability of gas supplies on peak days. Distribution PGC St. No. 4, p. 11.

The OCA opposed Distribution’s proposed acquisition of additional TETCO capacity. OCA St. No. 1, pp. 12-16. The OCA argued that the additional TETCO capacity was not necessary to ensure adequate gas supplies to Distribution’s customers.

The Company responded that the additional TETCO capacity would enhance reliability and enhance Distribution’s ability to meet customers’ requirements on design days for cold days throughout the year. Distribution PGC St. No. 4-R, p. 3. The Company also explained that the ability to continue to purchase gas into Supply without firm upstream capacity was not guaranteed and demand for gas supplies from the Marcellus and Utica Shale areas was likely to increase, which may limit Distribution’s access to these gas supplies in the future. Distribution PGC St. No. 4-RJ, pp. 3-4.

The Settlement reflects a compromise of Distribution’s and OCA’s positions. Under the Settlement, Distribution will be permitted to recover costs for increasing its FT capacity on TETCO from 10,000 Dth/day to 20,000 Dth/day effective August 1, 2015. The parties agree that in its next 1307(f) proceeding, National Fuel will provide information establishing the necessity of the additional 10,000 Dth/day TETCO capacity going forward. If based on this information the parties cannot agree that the capacity is necessary, National Fuel will give notice of

termination of the capacity on the next notice date. The next notice date would be October 2016 for the contract to be terminated in October 2017.

Distribution believes that this is a reasonable compromise of the parties' positions. It allows Distribution to acquire the TETCO capacity for a minimum two-year period and further allows parties to require Distribution to terminate this TETCO capacity if they do not believe it is necessary going forward.

D. OFF-SYSTEM SALES

In this proceeding, Distribution proposed to revise its methodology for determining the margin associated with weighted average cost of commodity ("WACC") off-system sales. Traditionally, the Company developed separate WACC sales rates based on the geographic location of the WACC sale. Distribution PGC St. No. 1, pp. 9-10. Because of the increase in Marcellus production, the Company did not believe that it was necessary to develop separate WACC rates and did not believe that it was necessary to include pipeline charges in determining the market area WACC sales rates. Distribution PGC St. No. 1, p. 10.

OCA disagreed with the Company's proposal to use a single WACC sales rate and argued that the Company should continue to use separate production area and market area WACC sales rates. OCA St. No. 1-S, p. 3.

Under the Settlement, the Company agreed to drop its proposal to use a single WACC sales rate for all off-system WACC sales. While the Company disagreed with the OCA's position, the Company was willing to drop its WACC proposal in order to compromise and reach a settlement.

E. CONTRACT RENEWALS AND CHANGES

The Settlement requests that the Commission approve the renewals, extensions and changes in pipeline and storage capacity contracts that are explained in Distribution's PGC

Statement Nos. 1, 3 and 4 and in Distribution's PGC Exhibits 4 and 8. Settlement ¶ 45. These contracts are in the public interest for the reasons explained in the Company's testimony and exhibits, and these contracts should be approved.

F. APPROVAL OF FILING

Under the Settlement, the Parties have agreed that Distribution's 2015 Section 1307(f) filing is approved except as modified by the Settlement. Settlement ¶ 47. The Parties have thoroughly investigated Distribution's PGC filing through discovery and submission of testimony. Distribution has addressed the contested issues through the specific provisions of the Settlement and requests that the ALJ and the Commission approve the Company's 2015 PGC filing as modified by the Settlement.

G. FINDINGS THAT DISTRIBUTION HAS FOLLOWED A LEAST COST GAS PROCUREMENT POLICY

Under the Settlement, the Parties recommend that the ALJ and the Commission make specific findings on certain matters which the Commission is required to address in order to determine whether Distribution is following a "least cost" gas procurement program, consistent with its obligation to provide safe, adequate and reliable service, as required under Section 1318(a) of the Public Utility Code, 66 Pa.C.S. § 1318(a). After investigation of Distribution's filing including substantial discovery, all Parties agree that Distribution is meeting its statutory obligations.

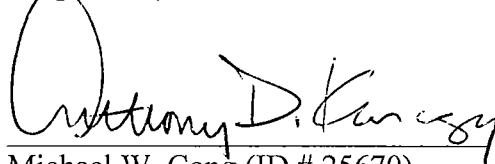
IV. CONCLUSION

Through cooperative efforts and the open exchange of information, the Joint Petitioners have arrived at a Settlement that resolves all issues in the proceeding in a fair and equitable manner. The Settlement is the result of detailed examination of Distribution's natural gas procurement policies through numerous discovery responses, testimony and accompanying

exhibits, and settlement negotiations. A fair and reasonable compromise has been achieved in this case, as is evident by the fact that all parties, including Distribution, I&E, OCA, and OSBA have agreed to the resolution of the issues in this proceeding.

WHEREFORE, National Fuel Gas Distribution Corporation respectfully requests that Honorable Administrative Law Judge Mary D. Long recommend approval of, and the Pennsylvania Public Utility Commission approve by final order, the Settlement, including all terms, conditions and findings set forth therein without modification, and that the Pennsylvania Public Utility Commission's final order also terminate the proceeding and close the above-captioned docket.

Respectfully submitted,



Michael W. Gang (ID # 25670)
Anthony D. Kanagy (ID #85522)
Post & Schell, P.C.
17 North Second Street
12th Floor
Harrisburg, PA 17101-1601
Phone: 717-731-1970
Fax: 717-731-1985
E-mail: mgang@postschell.com
E-mail: akanagy@postschell.com

Of Counsel:

Post & Schell, P.C.

Date: May 6, 2015

Attorneys for National Fuel Gas
Distribution Corporation

Appendix D

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Pennsylvania Public Utility Commission :

v.

Docket No. R-2015-2461373

National Fuel Gas Distribution
Corporation

**BUREAU OF INVESTIGATION AND ENFORCEMENT
STATEMENT IN SUPPORT OF
JOINT PETITION FOR SETTLEMENT**

TO ADMINISTRATIVE LAW JUDGE MARY LONG:

The Bureau of Investigation and Enforcement (“I&E”) of the Pennsylvania Public Utility Commission (“Commission”), through its Prosecutor, Carrie B. Wright, hereby respectfully submits that the terms and conditions of the foregoing Joint Petition for Settlement (“Joint Petition” or “Settlement”) are in the public interest and represent a fair, just and reasonable balance of the interests of National Fuel Gas Distribution Corporation (“NFG” or “Company”) and its customers. The parties to this Settlement (“Joint Petitioners”) conducted discovery and extensive settlement discussions. This request is based upon I&E’s conclusion that the Settlement is in the public interest as supported by the following factors:

1. I&E is charged with the representation of the public interest in proceedings relating to rates, rate-related services and application proceedings affecting the public interest held before the Commission. Consequently, in negotiated settlements, it is incumbent upon I&E to ensure that the public interest is served and to quantify to what

extent amicable resolution of any such proceeding will benefit the public interest. Based upon I&E's analysis of the Company's 1307(f) filing, acceptance of this proposed Settlement is in the public interest and recommends that Administrative Law Jeffrey Watson and the Commission approve the Settlement in its entirety.

2. On December 31, 2014, the Company submitted its prefiling information, as required by 52 Pa. Code §§ 53.64 and 53.65. Thereafter, on January 30, 2015, the Company filed its Supplement to Tariff Gas- PA PUC No. 9 and accompanying Direct Testimony.

3. I&E entered its Notice of Appearance in this proceeding on February 3, 2015. Formal Complaints were filed by the Office of Consumer Advocate on January 26, 2015 and the Office of Small Business Advocate on January 16, 2015.

4. A Prehearing Conference was held on February 11, 2015, which resulted in the establishment of a procedural schedule.

5. Discovery was undertaken by the parties during the proceeding.

6. In accordance with the Commission's policy favoring settlements over costly and time consuming litigation, 52 Pa. Code § 5.231, the Joint Petitioners were successful in achieving a full and complete settlement of all issues utilizing the discovery and settlement negotiation process.

7. I&E submits that the proposed Settlement is in the public interest and should be approved by the ALJ and the Commission for the following reasons:

a. PGC Rates (Joint Petition ¶ 41): Although I&E did not file testimony on this topic, I&E fully supports the Settlement and believes that this issue has been satisfactorily resolved through discovery and discussions with the Company.

I&E represents that the purchased gas costs that NFG incurred during the historic period adhered to a least cost fuel procurement policy. Adhering to a least cost procurement policy benefits ratepayers because least cost gas directly impacts customer gas bills and obligates the Company to provide safe, adequate and reliable service to its customers. After review of the filing and extensive discovery and settlement discussions, I&E maintains that the Company's gas purchasing practices have satisfied its least cost procurement obligation.

I&E analyzed the Company's E-factor and found that it was calculated in accordance with established Commission practices. This review is critical because the proper calculation of the E-factor ensures that rates are adjusted appropriately. I&E is satisfied that the Company's E-factor calculation is appropriate and accurate.

Additionally, I&E reviewed the Company's projected gas costs and determined that it appears those costs are consistent with a least cost fuel procurement policy. Therefore, the rates set forth in the tariff supplement provided as Attachment A to the Settlement document are reasonable and in the public interest.

b. Design Day Requirements (Joint Petition ¶ 42): Although I&E did not file testimony on this topic, I&E fully supports the Settlement and believes that this issue has

been satisfactorily resolved through discovery and discussions with the Company. I&E represents that the settlement maintains the proper balance of the interests of all parties.

c. TETCO Capacity (Joint Petition ¶ 43): Although I&E did not file testimony on this topic, I&E fully supports the Settlement and believes that this issue has been satisfactorily resolved through discovery and discussions with the Company and are incorporated in the settlement. I&E represents that the settlement maintains the proper balance of the interests of all parties.

d. Off System Sales (Joint Petition ¶ 44): Although I&E did not file testimony on this topic, I&E fully supports the Settlement and believes that this issue has been satisfactorily resolved through discovery and discussions with the Company. I&E represents that the settlement maintains the proper balance of the interests of all parties.

e. Contract Renewals and Changes (Joint Petition ¶ 45): Although I&E did not file testimony on this topic, I&E fully supports the Settlement and believes that this issue has been satisfactorily resolved through discovery and discussions with the Company. I&E represents that the settlement maintains the proper balance of the interests of all parties. Had I&E been opposed to NFG's proposals explained in PGC exhibits 4 and 8 and in PGC Statements 1, 3, and 4, I&E would have filed responsive testimony on this issue.

f. Tariff Changes (Joint Petition ¶ 46): Although I&E did not file testimony on this topic, I&E fully supports the Settlement and believes that this issue has been satisfactorily resolved through discovery and discussions with the Company. I&E represents that the settlement maintains the proper balance of the interests of all parties.

The tariff changes identified in the List of Changes that are included in pages 2-3 of Appendix A reflect the agreements the parties have come to in an effort to settle this PGC filing. Therefore, approval of these changes is in the public interest.

8. Based upon I&E's analysis of the filing, acceptance of this proposed Settlement is in the public interest because resolution of this case by settlement rather than litigation will avoid the substantial time and effort involved in continuing to formally pursue all issues in this proceeding at the risk of accumulating excessive expense.

9. I&E further submits that the acceptance of the foregoing settlement will negate the need for any direct and cross-examination of witnesses, the preparation of Main Briefs, Reply Briefs, Exceptions and Reply Exceptions, and the filing of possible appeals.

10. The Settlement is conditioned upon the Commission's approval of all terms and conditions contained therein and should the Commission fail to grant such approval or otherwise modify the terms and conditions of the Settlement, it may be withdrawn by the Company or I&E as provided therein.

11. I&E's agreement to settle this case is made without any admission or prejudice to any position that I&E might adopt during subsequent litigation in the event that the Settlement is rejected by the Commission or otherwise properly withdrawn by any of the Joint Petitioners.

12. If the ALJ recommends that the Commission adopt the Settlement as proposed, I&E has agreed to waive the filing of Exceptions. However, I&E has not

waived its rights to file Reply Exceptions with respect to any modifications to the terms and conditions of the Settlement, or any additional matters, that may be proposed by the ALJ in the Recommended Decision. I&E has also reserved the right to file Reply Exceptions to any Exceptions that may be filed by the Company.

WHEREFORE, the Commission's Bureau of Investigation and Enforcement represents that it supports the Settlement as being in the public interest and respectfully requests that Administrative Law Judge Mary Long recommend, and the Commission subsequently approve, the foregoing Joint Petition for Settlement, including all terms and conditions contained therein.

Respectfully submitted,



Carrie B. Wright
Prosecutor

Pennsylvania Public Utility Commission
Bureau of Investigation and Enforcement
Post Office Box 3265
Harrisburg, Pennsylvania 17105-3265
(717) 787-1976

Dated: May 6, 2015

Appendix E

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Pennsylvania Public Utility Commission,	:	
	:	
v.	:	Docket Nos. R-2015-2461373
	:	C-2015-2464230
	:	C-2015-2464408
National Fuel Gas Distribution Corporation	:	

STATEMENT OF THE
OFFICE OF CONSUMER ADVOCATE
IN SUPPORT OF SETTLEMENT

The Office of Consumer Advocate (OCA), one of the signatory parties to the Stipulation in Settlement of the Rate Investigation Pursuant to 66 Pa. C.S. § 1307(f) (Settlement), finds the terms and conditions of the Settlement to be in the public interest for the following reasons:

I. INTRODUCTION

On December 31, 2014, National Fuel Gas Distribution Corporation (NFGD or the Company) submitted its purchased gas cost (PGC) pre-filing pursuant to the Commission’s Rules and Regulations at 52 Pa. Code §§ 53.64, 53.65. The Company’s pre-filing projected a purchased gas cost rate of \$4.5291/Mcf. On January 30, 2015, NFGD submitted its definitive filing pursuant to Section 1307(f) of the Public Utility Code, 66 Pa. C.S. § 1307(f).

The Company’s filing was assigned to the Office of Administrative Law Judge and further assigned to Administrative Law Judge Mary D. Long for investigation and the scheduling of hearings to determine whether NFGD’s purchased gas costs comply with the standards set forth in the Public Utility Code.

On January 26, 2015, the OCA filed a Formal Complaint and Public Statement against NFGD's proposed PGC rates. The OCA also filed its Notice of Appearance. On January 16, 2015, the Office of Small Business Advocate (OSBA) filed its Formal Complaint, Public Statement, and Notice of Appearance. On February 3, 2015, the Bureau of Investigation and Enforcement (I&E) filed its Notice of Appearance.

On February 3, 2015, a Prehearing Conference was held, at which time a procedural schedule was established and other preliminary matters were addressed. On March 16, 2015, the OCA submitted the Direct Testimony of Jerome D. Mierzwa (OCA St. No. 1). On April 8, 2015, NFGD and OSBA submitted Rebuttal Testimony. On April 15, 2015, NFGD and OCA submitted Surrebuttal Testimony. On April 17, 2015, NFGD submitted Rejoinder Testimony.

In accordance with the Commission's Rules and Regulations at 52 Pa. Code § 5.231, the parties undertook discussions in an attempt to reach a settlement. On April 20, 2015, the parties informed ALJ Long that a settlement in principle had been reached on all issues. A hearing was held on April 21, 2015 for the purposes of admitting testimony into the record.

The OCA submits that the terms and conditions of the Settlement are in the public interest and should be approved. The OCA addresses the key provisions of the Settlement as set forth below.

II. SETTLEMENT

A. PGC Rates

The OCA supports the PGC rates presented in Attachments A and B of the Settlement which establish a reasonable resolution of this proceeding. Settlement at ¶ 41, Attach. A, B. The OCA submits that the PGC rates in Attachments A and B accurately represent the implementation of the terms of the Settlement.

B. Design Day Requirements

The OCA does not object to the design day requirements as presented in the Company's filing.

C. TETCO Capacity

The Settlement provides that the Company will be permitted to recover the costs for increasing its firm transportation contract with Texas Eastern Transmission, LP (TETCO) from 10,000 Dth/day to 20,000 Dth/day, effective August 1, 2015. Settlement at ¶ 43. Pursuant to the Settlement, in the next 1307(f) proceeding, the Company will provide additional information supporting the continued necessity for the additional 10,000 Dth/day. Id. If the parties cannot agree that this additional capacity is necessary in the next 1307(f) proceeding, NFGD will give notice of termination on the additional TETCO capacity. Id.

The OCA submits that this is a reasonable resolution to the issue. OCA witness Mierzwa identified concerns in his testimony regarding whether the additional TETCO capacity was necessary based upon the Company's demonstrated historic needs, and Mr. Mierzwa recommended that the additional TETCO capacity be discontinued. OCA St. No. at 12-16; OCA St. No. 1-S at 6-8. Company witness Michalski claimed that the additional capacity was reasonably priced and was necessary for supply diversity. PGC St. No. 4-R at 1-6; PGC St. No. 4-RJ at 1-5; see also, OCA St. 1-S at 7. The Settlement provides that the Company will provide further information supporting the need for this capacity in its 2016 1307(f) proceeding. Settlement at ¶ 43. The additional information will help the Commission and the parties determine whether the additional TETCO capacity is necessary on a going-forward basis. The parties will have the benefit of an additional year of data to evaluate whether the additional

10,000 Dth of TETCO capacity is necessary and will provide the opportunity to discontinue the contract if the parties cannot agree that it is necessary.

D. Off-System Sales

The Settlement provides that the Company will not implement its proposal to use a single weighted average cost of commodity rate (WACC) and will continue to use its existing separate production and market area WACC rates for off-system WACC sales. Settlement at ¶ 44. In his Direct Testimony, OCA witness Mierzwa presented concerns with the Company's proposal to change its methodology for calculating the WACC rates for off-system sales. OCA St. 1 at 8-12; OCA St. 1-S at 1-4.

OCA witness Mierzwa recommended that NFGD maintain its existing methodology for calculation of the WACC. OCA witness Mierzwa explained in his Surrebuttal Testimony why it is more reasonable to use the current approach:

Under the current approach, the margin evaluation for a production area WACC off-system sale would be based on production area prices. Under NFGD's proposal, since most of the Company's gas is now purchased in the market area, the margin evaluation for a production area WACC off-system sale would be based largely on market area prices. This would be unreasonable. As indicated in the response to OCA-II-3 which is attached to Mr. Cej's testimony, use of the Company's proposed WACC rate methodology would have increased the Company's margin on the January 22nd and 23rd WACC off-system sales previously discussed. I see no reason to adopt a new approach that would increase the Company's margin share when the reason the WACC off-system sales occurred (i.e., unintentionally undelivered supplies) was not within the Company's control.

OCA St. 1-S at 3-4. The Settlement addresses the OCA's identified concern with the Company's proposed alternative calculation methodology and maintains the current methodology.

E. Contract Renewals and Changes

The Settlement provides that the parties agree that the Commission should approve the renewals, extensions and changes in pipeline and storage capacity contracts as set forth in the

Company's filing. Settlement at ¶ 45. The only issue in the proceeding regarding the Company's contract renewals and changes related to the expansion of the TETCO contract discussed in Section C above. The Settlement addresses the OCA's concerns with respect to the increase to the TETCO contract through the requirement that all parties must agree that the additional capacity is needed in order to avoid termination. Settlement at ¶ 43.

F. Tariff Changes

The OCA does not have any comment regarding the Company's proposed tariff changes.

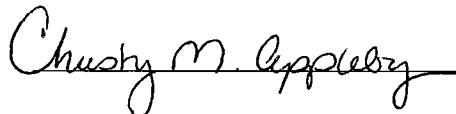
G. Approval of Filing

For the reasons set forth above in Sections C, D, and E, the OCA submits that the terms of the Settlement are in the public interest and in the interest of NFGD's ratepayers. The proposed filing should be approved, subject to the modifications identified in the Settlement.

III. CONCLUSION

The OCA submits that the terms of the Settlement are in the public interest and in the interest of NFGD's ratepayers. Based on the above reasons, the Office of Consumer Advocate submits that the proposed Settlement should be approved.

Respectfully Submitted,



Christy M. Appleby
Assistant Consumer Advocate
PA Attorney I.D. # 85824
E-Mail: CAppleby@paoca.org

Aron J. Beatty
Senior Assistant Consumer Advocate
PA Attorney I.D. # 86625
E-Mail: ABeatty@paoca.org

Counsel for:
Tanya J. McCloskey
Acting Consumer Advocate

Office of Consumer Advocate
5th Floor, Forum Place
555 Walnut Street
Harrisburg, PA 17101-1923
Phone: (717) 783-5048
Fax: (717) 783-7152

DATE: May 6, 2015
206342

Appendix F

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

PENNSYLVANIA PUBLIC UTILITY COMMISSION	:	
	:	
	:	
v.	:	Docket No. R-2015-2461373
	:	
NATIONAL FUEL GAS DISTRIBUTION CORPORATION	:	

**STATEMENT OF
THE OFFICE OF SMALL BUSINESS ADVOCATE
IN SUPPORT OF THE
STIPULATION IN SETTLEMENT OF THE RATE INVESTIGATION
PURSUANT TO 66 PA.C.S. § 1307(f)**

Introduction

The Small Business Advocate is authorized and directed to represent the interests of the small business consumers of utility services in the Commonwealth of Pennsylvania under the provisions of the Small Business Advocate Act, Act 181 of 1988, 73 P.S. §§ 399.41 - 399.50. Pursuant to that statutory authority, the Office of Small Business Advocate (“OSBA”) filed a complaint in the above-captioned proceeding, which was initiated by National Fuel Gas Distribution Corporation (“NFG” or the “Company”), on January 30, 2015.

The OSBA actively participated in the negotiations that led to the proposed settlement and is a signatory to the Stipulation in Settlement of the Rate Investigation Pursuant to 66 PA.C.S. § 1307(f) (“*Stipulation*”). The OSBA submits this statement in support of the *Stipulation*.

The Stipulation

The *Stipulation* sets forth a comprehensive list of issues that were resolved through the negotiation process. The following issue was of particular significance to the OSBA when it concluded that the *Stipulation* was in the best interests of NFG's small business customers.

V. OTHER TERMS AND CONDITIONS OF SETTLEMENT

A. PGC Rates.

In his rebuttal testimony OSBA witness Robert D. Knecht summarized NFG's Monthly Metered Transportation ("MMT") service load balancing rates, as follows:

The Pennsylvania Division of National Fuel Gas Distribution Corporation ("NFGD" or "the Company") offers the MMT transportation service option to customers who are metered on a monthly basis. Because of the limitations of the metering technology, the Company cannot balance these customers on a daily basis, and must therefore provide some intra-month balancing services. To derive the load balancing requirements for this service, the Company calculates the difference between the design day load for the MMT customers at 74 heating degree days ('HDD') and the expected supply from MMT gas suppliers at 52 HDDs. This load balancing requirement is then increased for certain local production balancing needs and for a share of the Company's contingency capacity. The Company derives the cost of this load balancing capacity requirement as shown in Exhibit 24-A, generally based on the cost of National Fuel Gas Supply EFT and ESS service.

In the current proceeding, the Company proposes to increase the charge by 16 percent, from 25 to 29 cents per mcf. The Company indicates that this increase is due, in part, to the extreme weather conditions experienced in the winter of 2013-2014, and an adjustment to the Company's calculation mechanism.

OSBA Statement No. 1, at 1-2 (footnote omitted).

Office of Consumer Advocate ("OCA") witness Jerome D. Mierzwa proposed a significant change to the MMT rate. Mr. Knecht summarized Mr. Mierzwa's proposal, as follows:

Mr. Mierzwa proposes that the MMT load balancing charge be set at 34 cents per mcf, an increase of 36 percent over current rates. Mr. Mierzwa indicates that, beginning in November 2014, the Company incurred costs associated with incremental EFT capacity from NFG Supply that were not anticipated when the MMT load balancing rate was set in the Company's 2014 Section 1307(f) proceeding. Mr. Mierzwa concludes that MMT customers should bear a proportionate responsibility for that cost overrun. In effect, Mr. Mierzwa proposes that a partial reconciliation mechanism be applied to that particular historical cost item in setting the MMT load balancing charge in this proceeding.

OSBA Statement No. 1, at 2.

Mr. Knecht noted two objections to the OCA proposal:

First, Mr. Mierzwa appears to be applying the reconciliation mechanism retroactively. I am advised by counsel that OSBA is evaluating whether the *ex post* imposition of a variance mechanism violates the regulatory prohibition against retroactive ratemaking, and that OSBA will present its findings in its briefs in this matter.

Second, Mr. Mierzwa's proposal would appear to apply to only one cost item. If a reconciliation mechanism is to be applied to transportation service rates, it should reasonably encompass all variances.

OSBA Statement No. 1, at 3.

Mr. Knecht continued with a third objection to the OCA proposal, as follows:

Third, imposing Mr. Mierzwa's proposed reconciliation mechanism on a retroactive basis at this time is inherently biased against transportation customers, as it is being proposed at a time when there was a prior-year cost overrun. In this case, the MMT rate was set too low, and MMT customers under-contributed to costs.

However, in the past, variances between charges imposed on transportation customers and actual costs incurred have likely varied in both directions. In particular, for NFGD, I note that the Company has a long history of imposing a retainage rate that is well in excess of its actual CU plus UFG rate, as shown in Figure IEc-1 below.

In effect, NFGD was charging transportation customers far more

for CU gas and UFG than the costs it was incurring. Had a full cost reconciliation mechanism been in place with respect to all costs during this period, transportation customers would have received significant credits at the expense of sales customers.

With this long history of over-charging transportation customers for gas supply costs, it appears inequitable to impose a partial retroactive reconciliation mechanism following an under-recovery of one category of gas supply costs.

OSBA Statement No. 1, at 3-4 (formatting added). Mr. Knecht's Figure IEc-1 is set forth on page 4 of his rebuttal testimony.

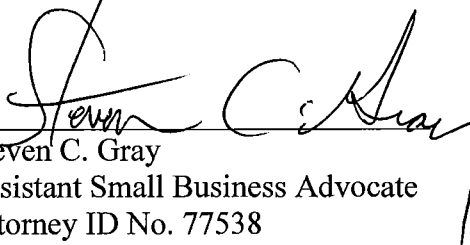
Mr. Knecht ultimately concluded that the OCA proposal should be rejected. *Id.*

The *Stipulation* resolves this issue by not adopting the OCA proposal. Therefore, the OSBA submits that the MMT rate methodology, as originally proposed by NFG, and adopted by the *Stipulation*, is a reasonable resolution to this issue and is consistent with the testimony of Mr. Knecht.

Conclusion

For the reasons set forth in the *Stipulation*, as well as the additional factors that are enumerated in this statement, the OSBA supports the proposed *Stipulation* and respectfully requests that the ALJ and the Commission approve the *Stipulation* in its entirety.

Respectfully submitted,



Steven C. Gray
Assistant Small Business Advocate
Attorney ID No. 77538

Office of Small Business Advocate
300 North Second Street, Suite 202
Harrisburg, PA 17101

Dated: May 6, 2015