

# STATE OF NEW JERSEY Board of Public Utilities 44 South Clinton Avenue, 3<sup>rd</sup> Floor, Suite 314 Post Office Box 350 Trenton, New Jersey 08625-0350 <u>www.ni.gov/bpu/</u>

# <u>ENERGY</u>

IN THE MATTER OF THE PETITION OF PIVOTAL UTILITY HOLDINGS, INC. D/B/A ELIZABETHTOWN GAS TO REVIEW ITS PERIODIC BASIS SUPPLY SERVICE RATE DECISION AND ORDER APPROVING INITIAL DECISION AND STIPULATION FOR FINAL RATES

BPU DOCKET NO. GR17060590 OAL DOCKET NO. PUC 17020-2017

Parties of Record:

**Deborah M. Franco, Esq.**, Cullen and Dykman, LLP, on behalf of Elizabethtown Gas **Stefanie A. Brand, Esq., Director,** New Jersey Division of Rate Counsel

BY THE BOARD:

By this Order, the New Jersey Board of Public Utilities ("Board" or "BPU") considers an Initial Decision executed by the Administrative Law Judge Jacob S. Gertsman ("ALJ") and Stipulation for Final Rates ("Stipulation") executed by Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas ("Elizabethtown" or "Company"), the New Jersey Division of Rate Counsel ("Rate Counsel") and Board Staff ("Staff") (collectively, the "Parties") intended to resolve the Company's requests related to the above docketed matter.

# BACKGROUND

By Order dated January 6, 2003,<sup>1</sup> the Board directed each of New Jersey's four (4) gas distribution companies ("GDC's)", to submit to the Board June 1 its annual Basic Gas Supply Service ("BGSS") gas cost filing for the BGSS year beginning October 1. In addition, the January 2003 BGSS Order authorizes each GDC to: a) self-implement up to a five (5) percent BGSS rate increase effective December 1 of the current year and February 1 of the following year with one (1) month's advance notice to the Board and the New Jersey Division of Rate Counsel ("Rate Counsel"); and b) implement a decrease in its BGSS rate at any time during the year upon five (5) days' notice to the Board and Rate Counsel.

<sup>&</sup>lt;sup>1</sup> In re the Provision of Basic Gas Supply Service Pursuant to the Electric Discount and Energy Act N.J.S.A. 48:3-49- et seq.- Order Approving BGSS Price Structure, BPU Docket No. GX01050304, Order dated January 6, 2003 ("January 2003 BGSS Order").

In accordance with the January 2003 BGSS Order, on May 31, 2017, the Company filed with the Board its annual BGSS petition ("2017 BGSS Petition") seeking approval to increase its current Periodic BGSS ("BGSS-P") rate per therm from \$0.3757<sup>2</sup> to \$0.4592 effective October 1, 2017, through September 30, 2018 ("BGSS Period") anticipated to result in an estimated under recovery balance as of September 30, 2017 of approximately \$2.8 million including interest. The proposed BGSS rate of \$0.4592 per therm was designed to bring the BGSS balance to approximately zero as of September 30, 2018 and at the time of the filing, would have increased the monthly bill of a typical residential heating customer using 100 therms by \$8.35 from \$81.82 to \$90.17, an increase of 10.2%.

The 2017 BGSS Petition further indicated that the projected impact of the BGSS-P rate of \$0.4592 per therm is an increase in gas cost recoveries of approximately \$19 million before taxes in the year ending September 30, 2018 as compared to the amount that would otherwise be recovered by the Company under the current BGSS-P rate of \$0.3737 per therm. The Company's current volume forecast, under the BGSS-P rate of \$0.3757 per therm, would collect approximately \$85.5 million before taxes. Under the proposed BGSS-P rate of \$0.4592 per therm, Elizabethtown would collect approximately \$104.6 million before taxes.

After publication of notices in newspapers of general circulation in the Company's service territory, public hearings in this were conducted on September 13 and 14, 2017, in Union and Flemington, New Jersey respectively. One member of the public attended the Flemington public hearing to comment about natural gas supplies and the increase in gas rates. The Board did not receive any written comments with regard to the 2017 BGSS Petition.

On September 22, 2017, the Board issued an Order ("September 2017 Provisional Order") in this docket approving a stipulation executed by the Parties. The September 2017 Provisional Order authorized Elizabethtown to implement a BGSS rate of \$0.4551 per therm on a provisional basis, subject to refund, effective October 1, 2017. The provisionally approved BGSS-P rate increased the monthly bill of a typical residential heating customer using 100 therms by \$7.94 from \$90.24 to \$98.18, an increase of 8.8%.

On December 19, 2017, in compliance with the Board's Secretary's Letter dated September 26, 2017 and Board Staff's letter dated November 17, 2017 in BPU Docket No. ER17090984, Elizabethtown filed revised tariff sheets to reflect a decrease in Sales and Use Tax ("SUT") to be charged to customers for utility service, which reduced the provisional rate of \$0.4551 per therm to \$0.4540 per therm effective January 1, 2018.

The case was transmitted to the Office of Administrative Law as a contested case and assigned to ALJ Gertsman. A pre-hearing conference was held by telephone on January 19, 2018.

# STIPULATION

Following further review and discussion, the parties reached an agreement and executed the Stipulation on May 8, 2018. Based upon and subject to the terms and conditions set forth in the Stipulation, the Parties stipulate and agree as follows:<sup>3</sup>

<sup>&</sup>lt;sup>2</sup> All referenced rates inclusive of all applicable taxes.

<sup>&</sup>lt;sup>3</sup> Although summarized in this Order, the detailed terms of the Stipulation are controlling, subject to the findings and conclusions of this Order. Each paragraph is lettered to coincide with the paragraphs in the Stipulation.

- A. The Company shall maintain the BGSS-P rate of \$0.4540 per therm, inclusive of all applicable taxes and that rate shall remain in effect on a final basis until revised in accordance with applicable laws and regulations.
- B. The Company's future annual BGSS gas cost filings shall continue to comply with the "Annual BGSS Minimum Filing Requirements" (MFR") adopted by the Board by Order dated June 20, 2003 in Docket No GR02120945, et al., as well as certain additional MFRs in the form attached in Appendix A of the Stipulation he data reflected in these forms are for illustrative purposes.
- C. The Stipulation provides for a final resolution in this proceeding. All issues related to Elizabethtown's BGSS recoverable costs for the BGSS year ending September 30, 2017 are resolved.
- D. The Company agrees to continue to electronically provide Rate Counsel and Board Staff, on a monthly basis, the following updated information: 1) the BGSS NYMEX Update Report (also known as S-ECHART-1), in the form attached to the Stipulation as Appendix B; and 2) the calculation of net gas per therm (also known as S-ECHART-2) in the form attached as Appendix C to the Stipulation, which is to be submitted in the middle of the following month.

On May 14, ALJ Gertsman issued his Initial Decision finding that the Parties voluntarily agreed to the terms of the Stipulation, and that the Stipulation disposed of all matters in controversy and is consistent with the law.

# DISCUSSION AND FINDINGS:

Having reviewed the record in this matter, including ALJ Gertsman's Initial Decision and the Stipulation, the Board <u>FINDS</u> that the Parties have voluntarily entered to the Stipulation, and that the Stipulation fully disposes of all issues in this proceeding and is consistent with the law. The Board <u>FINDS</u> the Initial Decision, which adopts the Stipulation, to be reasonable, in the public interest, and in accordance with the law. Therefore, the Board <u>HEREBY ADOPTS</u> the Initial Decision and the Stipulation, attached hereto as its own, incorporating by reference the terms and conditions of the Stipulation, as if they were fully set forth at length herein.

Accordingly, the Board, having carefully reviewed the BGSS rate at issue and the record to date in this proceeding, <u>HEREBY APPROVES</u> the Company's BGSS-P rate of \$0.4540 per therm on a final basis as more fully described in Paragraph A of the Stipulation.

The Board <u>HEREBY</u> <u>DIRECTS</u> the Company to file tariff sheets consistent with the Board's Order by June 6, 2018.

The Company's costs, including those related to BGSS; remain subject to audit by the Board. This Decision and Order shall not preclude nor prohibit the Board from taking any actions deemed to be appropriate as a result of any such audit.

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The effective date of this Order is June 1, 2018.

DATED: 5/22/18

BOARD OF PUBLIC UTILITIES

BY: JOSEPHIL. FIORDALISO PRESIDENT ·

MARY-ANNA HOLDEN COMMISSIONER

UPENDRA J. CHIVUKULA COMMISSIONER

DIANNE SOLOMON

COMMISSIONER

ROBERT M. GORDON

COMMISSIONER

ATTEST:

1 () AIDA CAMACHO-WELCH SECRETARY

HEREBY CENTRY that the within document is a true copy of the original in the files of the Board of Public Utilities.

# IN THE MATTER OF THE PETITION OF PIVOTAL UTILITYHOLDINGS, INC. D/B/A ELIZABETHTOWN GAS TO REVIEW ITS PERIODIC BASIC GAS SUPPLY SERVICE BPU DOCKET NO. GR17060590 OAL DOCKET NO. PUC 17020-2017

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May 9, 2018

# Via Electronic Mail and Federal Express

Honorable Jacob Gertsman Administrative Law Judge Office of Administrative Law 9 Quaker Bridge Plaza PO Box 049 Trenton, NJ 08625-0049

# Re: I/M/O The Petition Of Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas To Review Its Periodic Basic Gas Supply Service Rate BPU Docket No. GR17060590

Dear Judge Gertsman:

Enclosed for filing in the above proceeding is a Stipulation executed by representatives of Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas ("Elizabethtown"), the Staff of the Board of Public Utilities and the Department of the Public Advocate, Division of Rate Counsel. Hard copies of the Stipulation, including the original signatures of all parties, are being sent this same day via Federal Express for receipt on Thursday, May 10, 2018.

To the extent possible, Elizabethtown respectfully requests that Your Honor consider and approve the Stipulation in time for the Board to consider the matter at its May 22, 2018 agenda meeting. This will allow for a resolution of the Company's 2017 BGSS Annual-True Up Petition prior to the filing of the 2018 BGSS Annual True-Up Petition which is required to be filed by June 1, 2018. We have been informed by Board Staff that consideration of the Stipulation at the Board's May 22 agenda meeting requires the issuance and transmission to the Board of an order by Your Honor, along with an identification number, by Tuesday, May 15, 2018. Elizabethtown respectfully appreciates Your Honor's consideration of this request.

Please contact the undersigned if you have questions or require further information. Thank you.

Respectfully submitted,

/s/ Deborah M. Franco Deborah M. Franco

Of Counsel to Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas

cc: Service List

## IN THE MATTER OF THE PETITION OF PIVOTAL UTILITY HOLDINGS, INC. d/b/a ELIZABETHTOWN GAS TO REVIEW ITS PERIODIC BASIC GAS SUPPLY SERVICE RATE BPU DOCKET NO. GR17060590

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## IN THE MATTER OF THE PETITION OF PIVOTAL UTILITY HOLDINGS, INC. d/b/a ELIZABETHTOWN GAS TO REVIEW ITS PERIODIC BASIC GAS SUPPLY SERVICE RATE BPU DOCKET NO. GR17060590

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Robert J. Henkes Henkes Consulting 7 Sunset Road Old Greenwich, CT 06870 rhenkes@optonline.net

No. 9032 F. 1

# RECEIVED CASE MANAGEMENT

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BOARD OF PUBLIC UTILITIES

MAIL RECEIVED

State of New Jersey OFFICE OF ADMINISTRATIVE LAW BOARD OF PUBLIC UTILITIES TRENTON, NJ

INITIAL DECISION SETTLEMENT OAL DKT. NO. PUC 17020-17 AGENCY DKT. NO. GR17060590

IN THE MATTER OF THE PETITION OF PIVOTAL UTILITY HOLDINGS, INC., d/b/a ELIZABETHTOWN GAS TO REVIEW ITS PERIODIC BASIC GAS SUPPLY SERVICES (BGSS) RATE.

> Deborah M. Franco, Of Counsel to Petitioner Pivotal Utility Holdings, Inc., d/b/a Elizabethtown Gas (Cullen and Dykman, attorneys) (Mary Patricia Keefe, Vice President, External Affairs and Business Support)

> Patricia Krogman and Alex Moreau, Deputy Attorneys General, for Staff of the Board of Public Utilities (Gurbir S. Grewal, Attorney General of New Jersey, attorney)

> Felicia Thomas-Friel and Kurt Lewandowski, Assistant Deputies Rate Counsel, for Division of Rate Counsel (Stefanie A. Brand, Director)

Record Closed: May 10, 2018

Decided: May 14, 2018

# BEFORE JACOB S. GERTSMAN, ALJ t/a:

This proceeding involves a petition filed on May 31, 2017, by Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas (Elizabethtown or Company) requesting that the Board of Public Utilities (Board) approve the Company's request to increase the level of its

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## OAL DKT. NO. PUC 17020-17

periodic Basic Gas Supply Service Clause (BGSS) charges for the period October 1, 2017 through September 30, 2018.

The petition was transmitted to the Office of Administrative Law (OAL) on November 15, 2017, for determination as a contested case, and assigned to the undersigned, who conducted the initial case management conference on January 19, 2018. Duly-noticed public hearings were held prior to the transmittal to the OAL, on September 13, 2017, in Union, New Jersey and on September 14, 2017, in Flemington, New Jersey. One member of the public attended the September 14, 2017 public hearing to comment about natural gas supplies and the increase in gas rates. No written comments were received.

The parties filed on May 10, 2018, a "Final Stipulation" serving as a Stipulation of Settlement (Stipulation) (J-1) which resolves all issues in this proceeding. Said Stipulation has been signed by petitioner, Staff of the Board of Public Utilities, and Division of Rate Counsel. It indicates the terms of settlement, and is attached and fully incorporated herein.

I have reviewed the terms of settlement and I FIND:

- 1. The parties have voluntarily agreed to the settlement as evidenced by their signatures or their representatives' signatures on the attached document.
- The settlement fully disposes of all issues in controversy between the parties and is consistent with the law.

I hereby FILE my initial decision with the BOARD OF PUBLIC UTILITIES for consideration.

This recommended decision may be adopted, modified or rejected by the BOARD OF PUBLIC UTILITIES, which by law is authorized to make a final decision in this matter. If the Board of Public Utilities does not adopt, modify or reject this decision within forty-five

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days and unless such time limit is otherwise extended, this recommended decision shall become a final decision in accordance with N.J.S.A. 52:14B-10.

<u>May 14, 2018</u> DATE

8. GERTSMAN, ALJ t/a ACOB

5/14/18

Date Received at Agency:

Date Mailed to Parties:

JSG/nd

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OAL DKT. NO. PUC 17020-17

# APPENDIX

# **EXHIBITS**

# Jointly Submitted

J-1 "Final Stipulation" serving as a Stipulation of Settlement

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RECEIVER

No. 9332

In The Matter Of The Petition Of Pivotal Utility
Holdings, Inc. d/b/a Elizabethtown Gas To
Revise Its Periodic Basic Gas Supply
Service Rate

OAL DAL, NOAPUOFINDAD SURJEY BFU Docksfing Right Augustal aw FINAL STIPULATION

# **APPEARANCES:**

Kenneth T. Maloney and Deborah M. Franco (Cullen and Dykman LLP), Attorneys for the Petitioner, Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Mary Patricia Keefe, Vice President for Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas

Brian O. Lipman, Esq., Litigation Manager, Felicia Thomas-Friel, Managing Attorney Gas, Division of Rate Counsel, and Kurt S. Lewandowski, Esq., Assistant Deputy Rate Counsel, Division of Rate Counsel (Stefanie A. Brand, Director, Division of Rate Counsel)

Alex Moreau and Patricia Krogman, Deputy Attorneys General, for the Staff of the New Jersey Board of Public Utilities (Gurbir S. Grewal, Attorney General of New Jersey)

To: Honorable Jacob Gertsman, A.L.J.

## BACKGROUND

In accordance with a generic Order of the New Jersey Board of Public Utilities ("Board" or "BPU") dated January 6, 2003, in Docket No. GX01050304 ("Generic BGSS Order"), each of New Jersey's four gas distribution companies ("GDCs"), by June 1, submits to the Board its annual Basic Gas Supply Service ("BGSS") gas cost filing for the BGSS year beginning October. In addition, the Generic BGSS Order authorizes each GDC to self-implement up to a 5% BGSS increase effective December 1 and February 1 upon thirty days advance written notice to the Board and the New Jersey Division of Rate Counsel ("Rate Counsel"). Each GDC may implement a decrease in its BGSS rates at any time, without prior Board approval after notice to the Board and Rate Counsel.

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On May 31, 2017, Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas ("Elizabethtown" or "Company") filed a petition ("May 31 Petition") with the Board, which was assigned BPU Docket No. GR17060590 to increase its then current after-tax per therm BGSS rate of \$0,3757 to \$0,4592 for the BGSS period commencing October 1, 2017 through September 30, 2018 ("BGSS Period"). As set forth in the May 31 Petition, the Company projected that it would have an estimated underrecovery balance as of September 30, 2017 of approximately \$2.8 million including interest. The May 31 Petition indicated that the proposed BGSS-P rate of \$0.4592 per them is designed to bring the BGSS balance to approximately zero as of September 30, 2018, and, at the time of filing, would have increased the monthly bill of a typical residential heating customer using 100 therms by \$8.35 from \$81.82 to \$90.17, an increase of 10.2%. The May 31 Petition further indicated that the projected impact of the BGSS-P rate of \$0.4592 per therm was an increase in gas cost recoveries of approximately \$19 million before taxes in the year ending September 30, 2018 as compared to the amount that would otherwise be recovered by Elizabethtown under the current BGSS-P rate of \$0.3757 per therm. The May 31 Petition further indicated that the Company's current volume forecast, under the BGSS-P rate of \$0.3757 per therm, Elizabethtown would collect approximately \$85.5 million before taxes. In contrast, under the proposed BGSS-P rate of \$0.4592 per therm, Elizabethtown would collect approximately \$104.6 million before taxes.

Notices describing the May 31 Petition and setting forth the dates of the public hearings were placed in newspapers having circulation within Elizabethtown's service territory and served on the county executives and clerks of all municipalities in the Company's service territory. Public hearings concerning the Company's May 31 Petition were held in Union, New Jersey on September 13, 2017 and Flemington, New Jersey on September 14, 2017. One member of the

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public attended the September 14, 2017 public hearing to comment about natural gas supplies and the increase in gas rates. The Board did not receive any written comments with regard to the May 31 Petition.

The Company updated its information to reflect actual data through July 31, 2017. By Order dated September 22, 2017 issued in this proceeding, the Board approved a Stipulation authorizing the Company to implement a BGSS rate of \$0.4551 per therm on a provisional basis effective October 1, 2017 subject to refund with interest on any net over-recovered BGSS balance to reflect the updated information. Based on this change, the provisional BGSS rate of \$0.4551 per therm increased the monthly bill of a typical residential heating customer using 100 therms by \$7.94 from \$90.24 to \$98.18, an increase of 8.8%. By letter dated December 19, 2017, in compliance with the Board's letters dated September 26, 2017 and November 17, 2017 in BPU Docket No. ER17090984, Elizabethtown filed revised tariff sheets to reflect a decrease in the sales and use tax to be charged to customers for utility service, which reduced the provisional rate of \$0.4551 per therm to \$0.4540 per therm effective January 1, 2018. Based on this change, the BGSS rate of \$0.4540 per therm decreased the monthly bill of a typical residential heating customer using 100 therms by \$0.11 from \$97.44 to \$97.33, a decrease of 0,1% as of January 1, 2018.

This matter was transmitted to the Office of Administrative Law as a contested case. A pre-hearing conference was held by telephone on January 19, 2018.

Elizabethtown, Board Staff, and Rate Counsel (collectively, "the Parties") engaged in discovery and discussed certain matters at issue in this docket. As a result of those discussions, the Parties have resolved all remaining issues in this proceeding in accordance with the Stipulation set forth below.

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## **STIPULATION**

Based upon and subject to the terms and conditions set forth herein, the Parties stipulate and agree as follows:

A. The Company shall maintain the BGSS-P rate of \$0.4540 per therm, inclusive of all applicable taxes and that rate shall remain in effect on a final basis until revised in accordance with applicable laws and regulations.

**B**. The Company's future annual BGSS gas cost filings shall continue to comply with the "Annual BGSS Minimum Filing Requirements" ("MFR") adopted by the Board by Order dated June 20, 2003 in Docket No. GR02120945, *et al.* as listed in the index contained in Appendix A, as well as certain additional MFRs in the forms which are also contained in Appendix A. The data reflected in these forms are for illustrative purposes.

C. This Stipulation provides for a final resolution in this proceeding. All issues related to Elizabethtown's BGSS recoverable costs for the BGSS year ending September 30, 2017 are resolved.

**D**. The Company agrees to continue to electronically provide Rate Counsel and Board Staff, on a monthly basis, the following updated information: 1) the BGSS NYMEX Update Report (also known as S-ECHART-1), in the form attached as Appendix B; and 2) the calculation of net gas per therm (also known as S-ECHART 2) in the form attached as Appendix C, which is to be submitted in the middle of the following month. The data reflected in these forms are for illustrative purposes. E. This Stipulation represents a mutual balancing of interests and, therefore, is intended to be accepted and approved in its entirety. In the event that the Board does not adopt this Stipulation in its entirety in an Order, then any Party hereto is free to pursue its thenavailable legal remedies with respect to all issues in this Stipulation as though this Stipulation had not been signed.

F. It is the intent of the Parties that the provisions hereof be approved by the Board, as appropriate, as being in the public interest. The Parties further agree that they consider the Stipulation to be binding on them for all purposes herein.

G. It is specifically understood and agreed that this Stipulation represents a negotiated agreement and has been made exclusively for the purpose of this proceeding. Except as expressly provided herein, Elizabethtown, Board Staff, or Rate Counsel shall not be deemed to have approved, agreed to, or consented to any principle or methodology underlying or supposed to underlie any agreement provided herein. This Stipulation shall not be cited as precedent except for the purpose of enforcing its terms. All rates remain subject to audit by the Board.

WHEREFORE, the Parties hereto do respectfully submit this Stipulation to the Presiding Administrative Law Judge and request (1) the Administrative Law Judge to issue an initial decision approving the Stipulation; and (2) the Board to issue a Decision and Order approving this Stipulation in its entirety in accordance with the terms hereof.

# PIVOTAL UTILITY HOLDINGS, INC. D/B/A ELIZABETHTOWN GAS

# STEFANIE A. BRAND DIRECTOR, DIVISION OF RATE COUNSEL

Bv:∥

Mary Patricia Keefel / Vice President, Regulatory Affairs And Business Support By:

Felicia Thomas-Friel Managing Attorney Gas Division of Rate Counsel

GURBIR S. GREWAL ATTORNEY GENERAL OF NEW JERSEY Attorney for the Staff of the New Jersey Board of Public Utilities

By:

Alex Moreau Deputy Attorney General

Dated: 5/8/18

WHEREFORE, the Parties hereto do respectfully submit this Stipulation to the Presiding Administrative Law Judge and request (1) the Administrative Law Judge to issue an initial decision approving the Stipulation; and (2) the Board to issue a Decision and Order approving this Stipulation in its entirety in accordance with the terms hereof.

# PIVOTAL UTILITY HOLDINGS, INC. D/B/A ELIZABETHTOWN GAS

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By: /

Mary Patricia Keefe/ Vice President, Regulatory Affairs And Business Support STEFANIE A. BRAND DIRECTOR, DIVISION OF RATE COUNSEL

By:\_

Felicia Thomas-Friel Managing Attorney Gas Division of Rate Counsel

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GURBIR S. GREWAL ATTORNEY GENERAL OF NEW JERSEY Attorney for the Staff of the New Jersey Board of Public Utilities

By:

Alex Moreau Deputy Attorney General

Dated: 5/8/18

WHEREFORE, the Parties hereto do respectfully submit this Stipulation to the Presiding Administrative Law Judge and request (1) the Administrative Law Judge to issue an initial decision approving the Stipulation; and (2) the Board to issue a Decision and Order approving this Stipulation in its entirety in accordance with the terms hereof.

# PIVOTAL UTILITY HOLDINGS, INC. D/B/A ELIZABETHTOWN GAS

By:

Mary Patricia Keefe/ / Vice President, Regulatory Affairs And Business Support

STEFANIE A. BRAND DIRECTOR, DIVISION OF RATE COUNSEL

Βv Felicia Thomas-Friel

Felicia Thomas-Friel Managing Attorney Gas Division of Rate Counsel

GURBIR S. GREWAL ATTORNEY GENERAL OF NEW JERSEY Attorney for the Staff of the New Jersey Board of Public Utilities

By Alex Moreau

Deputy Attorney General

Dated:

# Vay, 14, 2010 3-10PM

# No. 9332 E. 13

Appendix A

# Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas 2017 / 2018 BGSS Filing

# MINIMUM FILING REQUIREMENT (MFR) INDEX

•	
Minimum Filing Requirement	Schedule(s)
1. Motion, Supporting Testimony & Tariff Modifications	Pelilion, Testimony, TK-12
2. Computation of Proposed BGSS Rates	LJW-1, LJW-3
3. Public Notice with Proposed Impact on Bills	Petition
4. Actual and Forecasted Refund Amounts	TK-3, LJW-9
5. Cost of Gas Sandout by Component	TK-2, TK-5, TK-7, LJW-2, LJW-4, LJW-6. LJW-7, LJW-10, LJW-11
6. BGSS Contribution and Credit Offsets	TK-3, TK-4, LJW-9, LJW-12
7. Over/Under Recovery Comparisons	ТК-1, ТК-6. LJW-3
8. Wholesale Gas Pricing Assumptions	LJW-7, LJW-10
9. GCUA Recoveries and Balances	not applicable
10. Historical Service Interruptions	Тқ-9
11. Gas Price Hedging Activities	TK-11, LJW-14
12. Storage Gas Volumes, Prices and Utilitization	TK-7, LJW-10
13. Affiliate Gas Supply Transactions	ТК-8
14. Projected Supply and Demand Data with Design Peak Day	LJW-16
15. Actual Peak Day Supply and Demand	ТК-10
16. Capacity Contract Changes	Testimony - L J Witley pgs, 22-23
17. FERC Pipeline Activities	LJW-15
18. Changes to Firm Transportation and Storage Contracts	LJW-17

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# Appendix A

Schedule LJW-16 Page 1 of 3

# Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Illetorical and Ealimated Supply and Demand Requirements All figures in MDIh unless otherwise noted

		2014-2015		-	2015-2016			2016-2017	
		ACTUALS			ACTUALS		ACIU	ALS/ESTIM	ATE
		Non	*	1.1-allan	Non	A	Vaallaa	Non	500441
REQUIREMENTS	Heating	Heating	Agnusi	Heating	Heating	Annuai	Healing	Heating	Annual
FIRM Residential	10,589	5,896	24,486	14,100	5,696	19,786	15,552	5,369	20,921
Commercial	5,962	5,295	24,400	4,292	1,749	5,040	4,940	5,369 1,896	20,921
lndustial	69	68	136	59	67	126	4,540	41	105
Company Uso	155	104	259	124	84	208	133	90	223
Unacol, For 5	545	173	718	409	187	576	455	163	619
Total Firm Requirements (Normal)	28,318	8,056	33,374	18,983	7,782	26,735	21 144	7,559	28,702
DESIGN WINTER INCREMENT	N/A		N/A	N/A		N/A	N/A		N/A
TOTAL FIRM REQUIREMENTS (Design)	N/A	N/A	N/A	N/A	NIA	N/A	NIA	NIA	N/A
AVAILABLE FOR NON-FIRM SERVICE	N/A	N/A	N/A	N/A	N/A	N/A	NIA	N/A	NIA
·									
CAPACITY							9		
Pipeline Deliverability (delivering pipe)	1	•					]		
Transco	21,363	28,538	49,901	21,363	28,528	49,601	21,503	28,558	50,041
Toxas Eastern	4,841	6,860	•	4,841	5,860	11,701	4 873	6,860	11,733
PennEssi			•	1		•			
Columbia Gas	2,463	3,518	6,001	2,403	3,519	6,001	2,499	3,518	6,017
Tennessee	611	966		611	866	1,477	615	866	1,481
Total Pipeline Deliverability	29,298	39,782	69,080	29,298	59,782	68,020	29,490	30,782	69,272
Storage Deliverability									
Storage Capacity	9,244		0	9,244		0	9,244		0
Emorgency Reserve	1 400	400	0	400	400	0	400	400	U
(Injections)/Withdrawais	8,844	(0,844	) 0	6,844	(8,844)	U U	8,844	(8,844)	0
Peaking Deliverability									
Qu-System:									
LNG	135	D	135	135	0	135	135	0	135
Via Pipeline:	ļ								
Cogeneration Receil	761	0		761	0		761	0	761
LGA	165	0			0		155	Û	155
Olher	405	0			0		870	<u> </u>	870
Total Peaking Capacily	1,458	0		· ·	0		1,921	0	1,921
TOTAL AVAILABLE CAPACITY	39,598	30,938	70,636	39,778	30,938	70,716	40,285	30,939	71,183
SUPPLY				ļ					
Long Term Firm Supply				}					
Seasonal or Annual Firm Supply				{					
Other <sup>3</sup>									
TOTAL GAS SUPPLY CONTRACTS									

Hesting Senson - New Librarian Mar 31, Hon-hesting Reason - April 1 Drough Oct 31, Alianal Packed - New Libraryh Ort 31, Based on 10 year normal would or (2006 - 2016)

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<sup>4</sup> Values Ilaied In "Available For Non-firm Service" represent expansion to Elizobethtown VADIn its Firm Contract expectition that can be used to provide biterropBble સંસ્થાદ્રેપક પાસ્ટ પાસ પ્રેમણા જોવારું. Additional sales to idemonate markets could be ભારત to be degree webold weither canada and we wermer than design conditions.

\* Reserve for colder than normal weather in April.

\* Sput porcharas at time from supplies.

<sup>4</sup> Antuals Unrough April 2017.

<sup>5</sup> Second Lost and Unaccounted for values we provided form the annual.

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# Appendix A

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#### Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Historical and Estimated Supply and Demand Requirements All figures in MDIb unless otherwise noted

		2017-2018 ESTIMATE			2018-2019 ESTIMATE			2019-2020 ESTIMATE	
REQUIREMENTS	Heating	Non Heating	Annual	Healing	Non Heatlag	Annyki	Heating	Non Heating	Annusi
REMORAEMENTS FIRM	Tickard	manif	A14(00)	rescing	- HORNAD		1/28///19	1.001.119	741110101
Residential	17,064	5,313	22,377	17,194	5,259	22,453	17,194	6,259	22,453
Commercial	5,208	1,051	7,159	5,368	2,007	7,373	5.366	2.007	7,373
Industrial Operative	45	41 96	86 237	45 143	41 98	80 239	45 143	41 98	90 239
Company Use Unadol. For	494	163	657	600	163	663	500	163	863
Total Firm Requirements (Normal)	22,853	7,563	30,516	23,248	7,585	30,815	23,248	7,566	30,015
DESIGN WINTER INCREMENT	6,728		5,728	5,737	······································	5,737	5,737		5,737
TOTAL FIRM REQUIREMENTS (Design)	28,651	7,563	36,244	28,968	7,686	38,862	28,985	7,566	36,552
AVAILABLE FOR NON-FIRM SERVICE	12,105	27,115	39,220	11,800	27,112	38,912	11,000	27,112	58,912
CAPACITY									
Pipeline Deliverability (delivering pipe)		50 000	<b>F</b> C 010	A4 000	49 404	60 0 10	24.022	39 300	66 9 - 7
Transco Texas Eastern	24,020 4,827	32,298 6,841	56,318 11,888	24,020 4,827	32,296 6,841	56,318 11,568	24,020 4,827	32,299 6,541	55,318 11,668
PennEest	4,04	0,041	11,000	4,027	0,041	11,000	7,000	0,041	11,000
Columble Gas	2,483	3,516	6,001	2,463	3,518	6,001	2,483	3,518	6,001
Tennessee	611	866	1,477	611	E68	1,477	611	866	1,477
Total Pipeline Deliverability	31,941	43,523	75,464	31,941	43,523	75,464	31,941	43,523	75,464
Storage Deliverability				0.046		•	0.044		
Slorage Capacity	9,244	100	Q 0	9,244 400	400	0 0	9,244 400	400	0 0
Emergency Reserva* (injections)/Wilhdrawals	400 8,844	400 (8,844)	0	8,844	(8,844)	0	8,844	(8.844)	ů Č
Peaking Deliverability									
On-System:									
LNG	136	0	135	135	0	135	135	0	135
Via Pipelne Coueneration Recall	330	0	336	536	Q	536	336	o	330
LGA	155	ŏ	155	155	0	155	155	0	150
Qiher	765	ů	705	810	õ	610	a10	e	B10
Total Peaking Capacity	1,391	0	1,391	1,435	0	1,430	1,436	0	1,436
TOTAL AVAILABLE GAPACITY	42,178	34,879	76,856	42,221	34,879	76,900	42,221	34,679	78,900
SUPPLY									
Long Term Firm Supply Seasonal or Annual Firm Supply							ļ		
Othor <sup>3</sup>	14,108	16,405	30,516	14,404	16,411	30,815	14,404	10,411	30,915
TOTAL GAS SUPPLY CONTRACTS	14,108	18,408	30,516	14,404	16,411	30,815	14,404	16,411	30,61
	2017	-2016 ESTIN	ATF	2018	-2019 ESTIN	ATE	2019	2020 ESTIN	ATE
DESIGN PEAK DAY		Dih per Day			Dih per Day		1	Dil) per Day	
DEMAND:									
Firm Sales 🖝		421,924			425,202 B,055			425,202 0,055	
LAUF Interruptible Sales		0,707 0			0,000			0,055	
Transportation Service		152,239			153,276			153,276	
TOTAL THROUGHPUT		582,050			887,333			567,333	
SUPPLY:							}		
Slorage & Seasonal		118,189			115,189		•	118,189	
Fipeline Transport		203,412		1	205,412			203,412	
Peaking Contracted		38,950		1	38,950			35,960	
Mechanical		38,050 25,000		i	25,000			25,000	
3 <sup>rd</sup> Party		51,000			54,000			54,000	
Take-back		18,095			16,095			16,095	
TPS Deliveries		134,295		Į	155,117			135,117	
TOTAL SUPPLY		866,941		4	590,763		1	590,763	

mealing Season - Nav Lithrough Mar 31. Non-healing Season - April 1 Sureigh Oct 31. Annual Pariod - Nov 1 through Oct 31.

Based on 10 year comist weather (2005 - 2016)

<sup>5</sup> Volcavilited in "Aveilable Fer Non-firm Service" represent capacity overlable to Etizabelticov within its Firm Contrast capabilities that our be used to provide interruptible service over bits course of a design whiter. Additional sales to Vaenupible markets courd be

made to the degree actual weather conditions are warmer than design conditions,

<sup>1</sup> Reserve for colder than normal weather in April.

<sup>1</sup> Sput purchases of new from supplies.

\* Sensonst Lord and Unaccounted for values are protected from the wanted.

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# Appendix A

Schedule LJW-16 Page 3 or 3

#### Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Historiest and Estimated Rupply and Demand Regularements All figures in MDth unless otherwise noted

	1	2020-2021 ESTIMATE			2021-2022 ESTIMATE	
		Non		11	Non	6
REQUIREMENTS	Hexting	Hoating	Annual	Reating	Heating	Annual
Residential	17,194	5,259	22,453	17,194	6,259	22,453
Commercial	5,386	2,007	7 373	5,366	2,007	7,373
Industnal	40	41	88	43	41	85
Company Use	143	96	259	143	98	239
Unsect. For 4	500	163	663	500	163	663
fotal Firm Requirements (Normal)	23,248	7,588	30,815	23,248	7,566	30,818
ESIGN WINTER INCREMENT	5,737		5,797	5,737		5,737
TOTAL FIRM REQUIREMENTS (Design)	28,985	7,566	36,552	28,965	7,566	38,652
VAILABLE FOR NON-FIRM SERVICE	11,800	27,112	38,912	11,800	27,112	36,912
<u>CAPACITY</u> Pipeline Deliverability (delivering pipe)						
Transco	24,020	32,295	56,310	24,020	32,298	56,318
Texes Eastern	4,827	6,841	11,666	4,827	8,841	11,666
PennEaal			0			0
Columbia Gao	2,483	3,518	5,001	2,483	3,518	6,001
Tennessee	61 1	865	1.477	611	866	1,477
Total Pipeline Deliverability	31,941	43,523	75,464	31,941	43,523	75,164
Storage Deliverability						-
Storage Cepacity	9,244		0	9,244		Ŭ
Emergency Reserve *	400	400	Ü	400	400	C
(Injections)/Withdrawais	8,844	(6.844)	Û	0.844	(8,844)	0
<sup>p</sup> eaking Deliverability						
On-System:		_				
LNG	135	0	135	135	D	135
Via Pipelina: Cogeneration Recall	336	C	336	336	0	336
LGA	155	õ	155	155	ŏ	155
Olher	B10	ō	610	810	Ű	810
Total Peaking Capacity	1,436	0	1,438	1,438	0	1,436
TOTAL AVAILABLE CAPACITY	42,221	34,678	76,900	42,221	34,679	76,900
				· ·		
<u>SUPPLY</u>						
Long Term Firm Supply						
Seasonal or Annual Firm Supply						
Other*	14,104	16,411	30,815		<u> </u>	30,818
TOTAL GAS SUPPLY CONTRACTS	14,404	16,411	30,815	14,404	16,411	30,81
	2020	-2021 ESTI	MATE	2021	-2022 ESTI	
DESIGN PEAK DAY		Dih per Day	/		Dih per Day	/
DEMAND:		100 000			105 005	
Firm Salits		425,202 8,966			425,202 0,866	
Interruptible Sales	·	0.00			0,000	
Transportation Service		153,276			159,276	
TOTAL THROUGHPUT		587,333			587,333	
SUPPLY:					•	
Storage & Seasonal		118,169			118,189	
Fipeline Transport		203,412			203,412	
Peaking		<b>A</b> · · · · ·		1	A	
Contracted		38,950			38,950 25,000	
Meehanicəl 3 <sup>14</sup> Party	ļ	25,000		l		
3° Party Take-back	1	54,000 16,095		1	54,000 16,095	
TPS Deliverios	Į	135,117			135,117	

Healing Season - Nov I through Mar 31, Non-healing Season - April 1 Brough Oct 31, Annual Ferlod - Nov I through Oct 31.

Eused on 10 year normal weather (2008 - 2016)

<sup>3</sup> Voluer found in "Apailedin Far Normfirm Derivers" represent expensity versions to Excellentions within the Fun Contexet copylicities that carries are to provide interruptible perfect over the cause of a design version. Additional asies to interruptible markets with the second operation.

made fo fee degles actual weather contribute the wirght free design standiture.

\* Reserve for celder then normal weather to April.

\* Spot perchister at new firm supplies.

<sup>4</sup> Gessonal Lost and Unaccounted for values are physical from the annual.

# Appendix A

# Schedule LJW-17

# Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Changes to Firm Transportation and Storage Contracts

	Tariff Service	Contrast No.	FERG	OCQ (dth/day)	MSQ (dih)	Termination Date	Evergteen! Rollövår (YJN)	Recent Action Taken
ARLINGTON STORAGE	FSS-58	EGC_SB5F99	284	5,550	500,000	3/31/2023	Ŷ	Torin avlandod per Evergreen Rokover
COLUMBIA GAS	NTS	39275	284	12,736		10/31/2020	Y	No change
TRANSMISSION	551	76749	264	3,644		5/51//1/0	74	No ensage
inclusion of the second s	F33	76180	284	3,644	230,166	3/31/2020	М	No chengo
	FT\$	92051	284	10,000		10/31/2030	Y	No change
DOMINION ENERGY	FTNN	109115	284	6,444		3/31/2021		No change
TRANSMISSION	FT	200394	76	5,522		Evargrean	Y	Term extended per Evergreen Roll-over
		200335	76					
	FT	200397	264	17,120		Fveiglaan	٧	Yerm extended per Evergreen Roll-over
	GSE	300185	264	10,826	645,244	3/31/2016	Y	No change
	368	300167	264	16,667	1,666,665	3/31/2022	Y	Tom extended
	GSS (TE)	600044	70	23,190	2,367 200	Everpreen	Y	Torm extended per Evergreen Roll-over
OULF SOUTH ,	FSS-P	665	264	10,000	100,000	Evergreen	۲	Yerm extended per Evergreen Rull-over
	FTS	34691	284	15,000		3/31/2019	14	No cherge
NATIONAL FUEL GAS	GFT	E00528	281	11,090		Evorgreen	Y	Term extended per Evergreen Roll-over
SUPPLY	FT-3	F01042	264	15,005		Evergreen	Y	Term adended per Evergreen Rall-over
STAGECOACH	FŜĜ	PUHI00188F\$	284	3,040	304,000	JJ31/2019	н	No charge
PIPELINE & STORAGE COMPANY	100	100000		-,				
TEYAS FASTERN	STS	220Ax7	7e	1.520		Evergreen	¥	Term astanded per Evergenen Rollinver
TRANSMISSION	FT8-8	551013	70	6,469		Evergreen	Y	Term extended per Evargreen Roll-over
I IONNOM DOINN	FTS-6	331001	76	16,668		Evergreen	Ŷ	Term extended per Everpreen Roll-over
	FT5-7	331720	70	14,298		Evergreen	Y	Term extended pår Evergräsn Roll-over
	\$8-1	400195	284	3,646	379,911	Everyowen	Ŷ	Tam extended per Evergreen Roll-over
	06A	630453	284	<b>17/R</b>		Evergrean	¥	Term extended per Evergreen Roll-over
	CDS	B00217	234	20,220		10/31/2021	Ý	No change
	FT-1	800292	204	1.345		£vergraan	Y	Term extended per Evergreen Roll-over
	FT-1	650029	264	20,000		Éverpreen	Y	Term extended per Everyreen Rive-over
	FT 1	910030	284	5,000		3/3*/2021	Y	No change
	FT-1	910061	284	6,000		2/31/2021	Y	Na change
	FT-1	910333	264	5.394		Evéroréen	Ŷ	Term extended per Evergreen Koll-over
TEXAS GAG TRANSMISSION	fí	7478	284	17,927		10/31/2017	¥	Temilateo
TENNESSEE OAS		597	284	3,046		10/21/2019	Y	No слынат
	FT-C	₹03	201	1,014		10/31/2019	Ý	No change
PIPELINE	FT-G	950	204	1,000		4/20/2022	Ý	Term extended
	FT-A FS-MA	6703	201	1,014	100,485	3/31/2025	Ŷ	Term extended
	FT-AOTGP	31.7255	284	3,000	100,100	10/31/2019	н	No shanga
TRANSCONTINENTAL	668	1000730	70	27,604	1,759,955	3/31/2023	Y	Ten'i Entersted
GAS PIPE LINE	LGS	1000740	70	*1,004	n/s	Everureen	Y	"em evlanded per Evergreen Roll-over
	LSS .	1000741	7¢	8,000	600,000	3/51/2023	Ŷ	Yerm extended
COMPANY	5.0 S.0	1000742	75	7,267	653,188	Everareen	Ŷ	Term scienced per Evergreen Rol-over
	FT	1002230	284	1,811		Evergroon	Y	form extended per Evergreen Rol-ove:
	Fi	1003555	284	77,755		Evergreen	Y	Term extended per Evergreen Boll-over
	FT	1003832	204	5,175		Everansea	۲	Temi extended per Evergreen Roll-over
	F	1005014	284	1,967		Evergreen	Y	Temi extended per Evergreen Roll-over
	FT	1010431	254	2,588		Eveloperate	Y	Tem) extended per Evergreen Roll-over
	FT	1010445	264	1,442		Evergreen	Y	Term extended per Evergreen Roll-over
<b>a</b> .	FT	1011995	204	15,000		Evergreen	Y	Tenn extended per Evergreen Roll-over
	FT	1011997	204	17,585		Evargraan	Ý	lerm exanded per Everpreen Roll-over
	Fï	1011988	254	15,615		Evergreen	Y	Tenn extended per Evergreen Roll-over
	LNG	1032229	264	38,950	154,951	6/00/2019	¥	No change
	WSS-OA	1011432	534	35,923	5,412.636	Evergreen	Ŷ	Tem extendéd per Evergreen Rûl-over
	FT	1044821	204	6,975	454	Evenieen	Y	Term extended par Evergroen Roll-over
	EGÔ	1015465	254	29,922	250,075		Y	No change
	FT	3077828	284	10,000		16/21/2020	ŝ	No chúngó
	FT	0000630	284	5,000		11/18/2029	Ŷ	No change Nu chánga
	FT	9152268	264	11,090		8/30/2019 8/30/2019	Y Y	NG Changa NG Changa
	हा	9158800	204	500		8/30/2019	,	n dry Philippi Bry

Appendix B

# S-ECHART-1 BGSS NYMEX Update Report as of March 02, 2018

		a		Ъ		c≖b-a		đ	e	f=d-e	g=cx1
	1	BGSS		NYMEX		Incr/		Sales	Hedged	Unhedged	Change in
Month	isee	note below)	<u>(3/2</u>	(2018 Close)		(Decr)	<u>% Cha</u>	forecast (dths)	<u>volume (dths)</u>	<u>yolume (dths)</u>	value unhedged
Oct-17	\$	3.414	\$	2.974	\$	(0.440)		1,377,737	659,600	718,137	(\$315,980)
Nov-17	\$	3.461	\$	2 752	\$	(0.709)		2,844,023	1,710,648	1,133,375	(\$803,563)
Dec-17	\$	3.580	\$	3.074	Ş	(0.506)		4,308,634	2,937,175	1,371,459	(\$693,958)
Jan-18	\$	3.655	\$	2.738	\$	(0.917)		5,672,858	3,677,662	1,995,196	(\$1,829,595)
Feb-18	\$	3.618	\$	3.505	\$	(0.113)		4,754,979	3,028,265	1,726,714	(\$195,119)
Mar-18	\$	3.520	\$	2.639	\$	(0.881)		3,494,646	2,317,807	1,176,839	(\$1,036,795)
Apr-18	\$	2.955	\$	2.695	\$	(0.260)		1,678,901	794,200	884,701	(\$230,022)
May-18	\$	2.88B	\$	2.727	\$	(0.161)		705,404	286,100	419,304	(\$67,508)
Jun-18	\$	2.912	\$	2.767	\$	(0.145)		397,625	110,400	287,225	(\$41,648)
Jul-18	\$	2.936	\$	2.811	\$	(0.125)		462,264	213,100	249,164	(\$31,146)
Aug-18	\$	2.942	\$	2.819	\$	(0.123)		459,896	212,200	247,696	(\$30,467)
Sep-18	\$	2.918	\$	2.800	\$	(0.118)		517,818	265,200	252,618	(\$29,809)
				-		· .		•	,		
Avg Total \$	\$	3.233	\$	2.858	\$	(0.375)	-11.6%	26,674,785	16,212,356	10,462,429	(\$5,305,609)
Oct-18	\$	2.934	\$	2.814	Ş	(0.120)		1,391,660	695,000	696,660	(\$83,599)
Nov-18	\$	2.984	\$	2.861	\$	(0.123)		2,872,580	1,780,648	1,091,932	(\$134,308)
Dec-18	\$	3.118	Ş	2.980	Ş	(0,138)		4,351,883	2,907,175	1,4 <b>44</b> ,708	(\$199,370)
Jan-19	\$	3.213	\$	3.067	\$	(0.146)		5,729,773	3,847,662	1,882,111	(\$274,788)
Feb-19	\$	3.194	\$	3.037	\$	(0.157)		4,802,789	3,218,265	1,584,524	(\$248,770)
Mar-19	\$	3.121	\$	2.948	\$	(0.173)		3,529,805	2,397,807	1,131,998	(\$195,836)
Apr-19	\$	2.717	\$	2.658	\$	(0.059)		1,695,844	788,000	907.844	(\$53,563)
May-19	\$	2.675	\$	2.626	S	(0.049)	•	712,572	368,200	344,372	(\$16.874)
Jun-19	\$	2.700	\$	2.653	Ş	(0.047)		401,735	262,900	138,835	(\$6,525)
Jul-19	\$	2.731	\$	2.683	\$	(0.048)		467,104	287,300	179,804	(\$8,631)
Aug-19	\$	2.744	\$	2.690	\$	(0.054)		464,697	280,900	183,797	(\$9,925)
<u>Sep-19</u>	\$	2,737	\$	2.679	\$	(0.058)	<u></u>	523,206	287,800	235,406	(\$13,654)
Avg Total \$	\$	2.906	\$	2.808	\$	(0.098)	-3.4%	26,943,648	17.121,656	9,821,992	(\$1,245,842)

#### Footnates:

a: Nymex rate used for annual BGSS periodic rate filing; Oct-2017 to Sept-2019 based on 05/10/2017 Close.

b. Nymex rate as of date of the report

c: Increase/Decrease in the Nymax rate compared to rate used for annual BGSS periodic rate filing

9

d. Sales forecast (includes fuel requirement) at a receipt point/welhead equivalent volume

 Hedged' volume consists of all fixed price contracts (financial or physical), purchased call option positions, and tentative storage withdrawal volumes (reduced by fuel required for delivery to ctygate)

I: 'Unhedged' volume consists of sales volume forecast less 'hedged' volume

g: Not necessarily representative of a change in under/over-recovery value

S-ECHART-1

Appendix C

12 Month

# S-ECHART-2

# Elizabethtown Gas Calculation of Net Cost of Gas Per Therm

	,													i z monut	
	•	Actual	Actual	Áctual	Actual	Acual	Estimate	Estimate	Estimate	Estimate	Estimate	Esrimate	Estimate	Weighted	
		<u>Det-17</u>	<u>Nov-17</u>	Dec-17	<u>Jan-15</u>	Feb-15	Mar-15	<u>Apr-18</u>	May-18	<u>Jun-13</u>	<u>.Jul-18</u>	<u>Aug-18</u>	Sep-18	Average	
E	NYMEX - 05/10/16 - Included in BOSS Filing	30.3414	\$0,3461	\$0,3580	\$0,3655	\$0,3618	\$0.3520	\$0.2955	\$0,2888	\$0.2912	\$9,2936	\$0,2942	\$0,2918		
2	NYMEX - Actual Settlement	30.2974	\$0,2752	\$4,3074	\$0.2738	\$0,3505	\$0.2639								
	Breakdown of Gruss Cost of Gas Per Therm:														
(3	Flowing Gas Cost	-30 2754	\$0,2943	\$9,2021	\$0,3949	-\$0,0280	\$0,1059	\$0,0252	-\$0.0823	-\$0,2794	-\$0,210)	-\$0,1671	\$0.0619	\$0.1245	
14	Gas Withdrawn From Storage Cost	30,0387	\$0,1483	\$0,1.587	\$0,0854	\$0.1364	\$0,0975	\$0.0012	\$0.0027	\$0,0061	\$0.0076	\$0,0088	\$0,0063	\$0.0892	2
15	Hedged Volumes Delivered Cost	\$0.6554	\$0.1725	\$0,1365	\$0.0718	\$0.)722	\$0,0701	S0 (520	\$0,2562	\$0,5099	\$0,5118	\$0,4900	\$0,4386	\$0.1452	
16	Pipeline Demand Cost	50,6001	\$0,2483	\$0,1036	\$0,0582	\$0,0704	\$0.0819	\$0,1235	\$0,2749	\$0,6410	\$0,7851	\$0.8299	60.7772	\$0.1589	Ч/Р/
. 17	Storage Demand Cost	30,1413	\$0.0580	\$0,0253	\$0.0135	20.0168	\$0.0174	\$0.0267	\$0,0591	\$0.1385	\$0,1692	\$0,1786	\$0,1680	50.0356	
18	Peaking Cost	80.0000	\$0.01)4	\$9,0085	\$0,0045	\$0,1324	\$9.0129	50.0000	\$0.0001	\$0,0001	\$0.0002	\$0.0002	\$0,0002	SO 0282	
19	Weighted Average Fuel Cost	R0.0224	\$0.0140	\$9,0105	\$0.0142	\$0,9055	\$0,0023	(V.×I) 02	\$0,0093	\$0,0197	\$0,0210	\$0.0211	\$0,0228	\$0,0096	EL
20	Variable Pipeline Cost	\$0,0000	\$0,0000	\$0,0000	\$0.0000	\$8,0000	\$0,0053	\$0,0278	\$0.0664	\$40,1398	\$0,1870	SO 1814	\$0.1\$31	\$0.0192	IZ -
21	Other Costs	CO00,03	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0.0000	\$0,6000	\$0,0000	\$9,0080	\$0,0000	SOLCOOR	\$0.00.02	\$0.0000	- A E
22	Total Gross Cost of Gas Per Therm	\$1.1824	\$4,9467	\$9,6451	\$0.6425	\$0,4058	\$0,3932	\$0.36.4	\$0,5863	\$1,1758	\$1.4717	\$1,5426	\$1,5343	\$0.6105	bg ⊧
															명망
															- 3 2
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Weighted	H
		<u>Oct-16</u>	Nov-16	Dec-16	<u>Jan-17</u>	<u>Feb-17</u>	<u>Mar-17</u>	Apr-17	May-17	<u>Jun-17</u>	<u>Jul-17</u>	<u>Aug-17</u>	<u>Seo-17</u>	Avecage	o à
23	NYMEX - Actual Settlement	\$0,2952	\$0.2764	\$0.3232	\$0,3930	\$0.3391	\$0,2627	\$0.3175	\$0.3142	\$0,3236	\$0.3057	\$0.2969	\$0_2%1		- <b>3</b> b
	Breakdown of Gross Cost of Gas Per Therm:														WN
24	Plowing Gas Cost	-\$0,1868	\$0.0509	\$9,2074	\$0,1761	\$0,1300	30,1854	\$0.0277	\$0.0476	-\$0.1164	-\$0,2098	50.2639	-60.4052	\$0.0824	ି ର ହି
25	Gas Withfrown From Storage Cost	\$0.0095	\$0,1064	\$0,1219	\$0,0900	\$0,0674	\$0,0997	\$0.0274	\$0 0289	\$0,0004	\$0,01\$8	\$0,0073	\$0,0161	\$0.0715	AS
26	Hedged Volumes Delivered Cost	\$0,6950	\$0.2147	\$0,1488	\$0,1057	\$0,0907	\$0.0790	\$0,1392	\$0,2505	\$0,3531	\$0.4923	SO 5293	\$0.4958	\$0,1743	_ v ⊢
27	Pipeline Demand Cost	\$0,5503	\$0,2242	\$0.1179	\$0,0840	\$0,0855	\$0,1031	\$0,1156	\$0,2865	\$0,4230	\$0,6524	50 7229	\$0.6511	\$0.1783	5
28	Storage Drumand Cost	\$0,1360	\$0.0521	\$0.0272	\$0.0158	\$0,0196	\$0.0240	\$0,0273	\$0.0675	\$2),0997	\$0,1562	SO 1702	\$0.1537	\$0.0418	•
29	Peaking Cost	\$0,0000	\$0,0000	\$0,0098	\$0.0198	\$0,0110	\$0.0126	\$0,0159	\$0,0060	\$0,0000	\$0,0000	\$0,0008	SC 0000	\$0.0106	
30	Weighood Average Fuel Cost	\$0.0227	\$0.0087	\$9.0110	\$0,0088	\$0,0069	\$0,0081	\$0,0070	\$0,0160	\$0,0204	\$0,0235	\$0.0235	\$6.0172	\$0,0104	
31	Variable Fipeline Cost	\$0,0000	0000.02	\$5.0000	\$0.0000	\$0,000	\$0,0200	\$0,0900	\$0,0000	\$0,0010	\$0,0000	\$0,0004	\$0.0000	\$0,0000	
- 32	Other Cests	\$0,0000	10.0000	50,0000	\$0.0000	\$0,0000	\$0,0000	\$0,0600	\$0,0000	\$0.0000	\$0,0000	\$0,0000	\$0.0000	\$0,0000	
33	Total Gross Cost of Gas Per 'Unrin	\$1,2266	\$0,6570	\$0.6440	\$0,5032	\$0.4(1)	\$0,5119	\$0.3\$49	\$0.6971	\$0.7784	\$1,1435	\$1.1893	S0.9287	\$0.5694	

Footnotes:

Flowing Gas Cost = Gas purchased for delivery to city gate during month - not injected into storage

Gas Withdrawn From Storage Cost = Gas withdrawn from storage - includes cost of injection, withdrawl, fees, Inc loss

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Hedged Volumes Delivered Cost = Hedged Volumes delivered in city gate - not injected into storage.

Pipeline Demond Cost = Fixed Pipeline costs

Storage Demand Cost = Fixed Storage related costs

Peaking Cost = Peaking Cost includes peaking services. LNC, Propane, etc....

Weighted Average Fuel Cost = Commodity x fuel % for each pipeline - represents portion of gas shipped that is retained by pipeline

Variable Pipeline Cost = Pipeline Charge per therm shipped

S-ECHART-2

Page 1

Page 1

PIVOTAL UTILITY HOLDINGS, Inc.

Appendix C

12 Month

# S-ECHART-2

# Elizabethtown Gas Calculation of Net Cost of Gas Per Therm

	•													17 IAI/0100	
		Actual	Actual	Actual	Actual	Actual	Estimate	Estingle	Estimate	Estimate	Estimate	Tistimate	Estimate	Weighted	
		<u>Oct-17</u>	Nov-17	Dec-17	Jan-18	Feb-18	<u>Mar-18</u>	Apr-18	<u>Mav-18</u>	<u>Joa-1\$</u>	<u>Jul-18</u>	<u>Ang-18</u>	<u>Sep-18</u>	<u>Average</u>	
	Credits, Refunds, & Recoveries Per Therm:														
,	Asset Management Credits	\$0,0000	\$1,0782	\$3,0352	\$1,6300	\$0,0008	\$0,1343	\$0,000	\$2,000	\$0,2118	\$0,0000	\$6,0999	\$0,5949	\$0,0448	
1		\$9,0000	30,0909	\$2,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0.0000	\$0,0800	\$0.0909	\$0,0000	\$0,0000	
2	Off-systen sales	\$0,00053	\$0,0000 \$0,0026	\$3,0011	\$0,0006	\$0,0007	60000.02	\$0,0013	\$0,0030	\$0.0058	\$0,0085	\$1,0050	\$0,0083	\$0.0G17	
1	Capacity release	\$0.1504	\$0,0028 \$0,1261	\$3,1064	\$0,1086	\$0.1144	\$0,1047	\$0,0987	\$0,1208	50,1691	\$0,1\$40	\$0,2009	\$0.1874	\$40.115.5	Her.
4	On System Credits to BGSS-P Customers	+ + + +	\$0,0060	\$3,0000	\$0,0000	50.0000	\$0,0000	\$0,0000	\$0.0000	\$0,0000	\$0.0000	\$0,0000	\$0,6000	\$0,0000	PIV
5	Supplier Kelunds	\$0,0000 50,0000	\$0.0080	\$3,00000	\$0,0000	\$0,000	\$6,0000	\$9,0600	\$0.0000	\$0,0000	\$0.0000	\$0,0000	\$0,0006	\$9,0000	d X
6	Gas for Company Use	\$0.0000 (m. 0040			\$9,0000	\$000000 \$00000	00000.02	\$0.0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	/OTA d/b/a
7	Line Loss	\$20,00000	\$0,000	\$3,00000 #2.00000	\$0,0000	SOD000	00000.02	\$0.0000	\$0.0000	\$0,8600	\$0,0000	\$0,0000	\$0,0000	\$0.0000	/a
8	Transfer to Non BGSS-P Customers	\$9,0000	\$0.0000	\$1,0000	,	-\$0,1776	-\$0,2725	-\$0,1654	\$0.0367	S0.3623	\$0,8534	\$0.9069	\$0,3179	\$0,0159	병년
9	Over / Under Recovery & Interest to Customers	\$0.6410	\$0,3135	\$1.0758	\$0,10\$7		-50,2725	\$0,0000 \$0,0000	\$0,000	\$0,8000	\$0,0000	0000.04	\$0,0000	\$0,0000	
10		\$9,0000	\$0,0000	\$1.0000	\$0,000	\$0,0000					\$1.0459	\$1.1153	\$1.1084	\$0,1778	лу ТС
11	Total Credits, Refunds, & Recoveries per Therm	\$0,7977	\$0,5124	\$),2185	\$0,2179	-\$0.0625	-\$0,0326	-\$0,0654	\$9,1604	30.7479	PU/H7A	\$1.1173	\$1.1044	20.1770	
		AA 44.19	00.42.02	\$3 4267	\$0.4245	\$0,4683	\$0,4258	\$0,4258	\$0,4258	\$0,4258	\$0,4258	\$0,4254	\$0,4258	\$0.4326	UTILIT JIZABE
12	Total Net Cast Per Therm(Pg 1 Line 22 - Pg 2 Line 11)	\$9,3847	\$0.4343	\$14207	50.4245	20.4063	\$0,42.10	00,42.55	40.4200 	30.420	00.42.70	20, 12 - M	40, 13.54		ET
															82
						المربقين ال	ð ær er er f	A1	Actual	Actual	Actual	Actual	Actual	Weighted	Y HO
		Actual	Actual	Actual	Actual	Actual	Actual	Actual		Jun-17	Jul-17	Aug-17	Sep-17	Average	$\rightarrow \lor$
		<u>0ct-16</u>	<u>Nov-16</u>	<u>Dec-16</u>	<u>Jan-17</u>	Feb-17	<u>Mar-17</u>	<u>Apr-17</u>	<u>Mav-17</u>	<u>100-12</u>	401-17	1402-11		0.10.065	OW
	Credits, Refunds, & Recoveries Per Therm:														LDIN
13		\$0.0000	\$0,0994	\$0.0371	\$0,0000	\$0,0000	\$0,0324	\$0,0000	\$0,5188	\$0.1376	\$0,0000	\$0,0000	\$0,2125	\$0.0525	ର ଶି
J4		\$0,0000	\$0.0000	\$0,0000	\$0,0000	\$0,0020	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	F0.0000	GS, GAS
js		\$0,0055	\$0.0023	\$3,0011	\$0,000\$	\$01009	\$0.0010	\$0,0012	\$0,0030	\$0,0045	\$0,0069	\$0,0076	\$0,0069	\$0,0016	
16		\$0,2035	\$0,1488	\$3,1586	\$0,1572	\$0,1602	\$0,1493	\$0,1243	\$0,1349	\$0,1410	\$0,1725	50,17(3	1672	\$0,1524	Inc
17		\$0.0000	\$0,0000	\$0.0000	\$0.0003	\$0,00000	\$0,0000	\$0.0008	\$0,0005	\$0.0030	\$0,0014	\$0,0000	\$0,0000	\$0,0003	6
18		\$0,0000	\$0,0000	\$3,0000	\$0,0000	\$0.9000	0000.02	\$0,0000	\$0,0000	50.00XX	\$0.0000	\$0.0000	\$0,000 02	\$0.000.02	
19		\$0,0008	\$0,0000	\$3,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	20,080,04	
20		\$0,0000	\$0,0000	\$1,0000	\$0,0009	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0,000	\$0,0000	\$0,0080	\$0,0000	
21		\$0,9393	\$0,0578	\$9,0954	-SC.0049	\$01015	\$0,0[97	-\$0,1739	-\$0.3075	\$0.[413	\$2),6123	\$0,6621	\$0,1903	\$0.0192	
22	·	\$0.000U	\$0,0000	\$9,0000	\$0,0000	\$0,0000	\$9,0000	\$0,000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	PD 0000	\$0,0000	
		\$1.1483	\$0,3083	\$).2973	\$0,1533	\$0.0596	\$0,1630	\$0.0476	\$0,3496	\$0.4277	\$0,7931	\$0.8414	\$0,5769	\$0,2263	
23	Total Credits. Refunds, & Recoveries per Therm	41+1-HOS	490° - 490° - 490	····											
24	Total Net Cust Per Thema (Pr. 1 Line 33 - Pr. 2 Line 23)	\$0,0784	\$0,34\$7	\$9,3517	\$0,3499	\$0.3515	\$0.3488	\$0.3524	\$0.3474	\$0,3507	\$0.3504	\$0,3479	\$0.3517	\$0_3431	

#### Footnotes:

On System Credits to BGSS-P Customers - Interupuble Sales, Cogeneration, Electric Plant Transfers, Sayerville, Forked River, Occur Power, ele

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Line Loss = Gross Cost of Gas per Therm x Line Loss Percentage

indicate that Line 12 equals the projected BGSS-P rate or provide a calculation below fint reconciles the two numbers

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S-ECHART-2 Page 2

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Page 2

# STATE OF NEW JERSEY BOARD OF PUBLIC UTILITIES

In The Matter Of The Petition Of Pivotal Utility : Holdings, Inc. d/b/a Elizabethtown Gas To : Revise Its Periodic Basic Gas Supply : Service Rate :

BPU Docket No. GR17060590 OAL Dkt. No. PUC-17020-2017

FINAL STIPULATION

## **APPEARANCES:**

Kenneth T. Maloney and Deborah M. Franco (Cullen and Dykman LLP), Attorneys for the Petitioner, Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Mary Patricia Keefe, Vice President for Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas

Brian O. Lipman, Esq., Litigation Manager, Felicia Thomas-Friel, Managing Attorney Gas, Division of Rate Counsel, and Kurt S. Lewandowski, Esq., Assistant Deputy Rate Counsel, Division of Rate Counsel (Stefanie A. Brand, Director, Division of Rate Counsel)

Alex Moreau and Patricia Krogman, Deputy Attorneys General, for the Staff of the New Jersey Board of Public Utilities (Gurbir S. Grewal, Attorney General of New Jersey)

To: Honorable Jacob Gertsman, A.L.J.

## BACKGROUND

In accordance with a generic Order of the New Jersey Board of Public Utilities ("Board" or "BPU") dated January 6, 2003, in Docket No. GX01050304 ("Generic BGSS Order"), each of New Jersey's four gas distribution companies ("GDCs"), by June 1, submits to the Board its annual Basic Gas Supply Service ("BGSS") gas cost filing for the BGSS year beginning October. In addition, the Generic BGSS Order authorizes each GDC to self-implement up to a 5% BGSS increase effective December 1 and February 1 upon thirty days advance written notice to the Board and the New Jersey Division of Rate Counsel ("Rate Counsel"). Each GDC may implement a decrease in its BGSS rates at any time, without prior Board approval after notice to the Board and Rate Counsel.

On May 31, 2017, Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas ("Elizabethtown" or "Company") filed a petition ("May 31 Petition") with the Board, which was assigned BPU Docket No. GR17060590 to increase its then current after-tax per therm BGSS rate of \$0.3757 to \$0.4592 for the BGSS period commencing October 1, 2017 through September 30, 2018 ("BGSS Period"). As set forth in the May 31 Petition, the Company projected that it would have an estimated underrecovery balance as of September 30, 2017 of approximately \$2.8 million including interest. The May 31 Petition indicated that the proposed BGSS-P rate of \$0.4592 per therm is designed to bring the BGSS balance to approximately zero as of September 30, 2018, and, at the time of filing, would have increased the monthly bill of a typical residential heating customer using 100 therms by \$8.35 from \$81.82 to \$90.17, an increase of 10.2%. The May 31 Petition further indicated that the projected impact of the BGSS-P rate of \$0.4592 per therm was an increase in gas cost recoveries of approximately \$19 million before taxes in the year ending September 30, 2018 as compared to the amount that would otherwise be recovered by Elizabethtown under the current BGSS-P rate of \$0.3757 per therm. The May 31 Petition further indicated that the Company's current volume forecast, under the BGSS-P rate of \$0.3757 per therm, Elizabethtown would collect approximately \$85.5 million before taxes. In contrast, under the proposed BGSS-P rate of \$0.4592 per therm, Elizabethtown would collect approximately \$104.6 million before taxes.

Notices describing the May 31 Petition and setting forth the dates of the public hearings were placed in newspapers having circulation within Elizabethtown's service territory and served on the county executives and clerks of all municipalities in the Company's service territory. Public hearings concerning the Company's May 31 Petition were held in Union, New Jersey on September 13, 2017 and Flemington, New Jersey on September 14, 2017. One member of the public attended the September 14, 2017 public hearing to comment about natural gas supplies and the increase in gas rates. The Board did not receive any written comments with regard to the May 31 Petition.

The Company updated its information to reflect actual data through July 31, 2017. By Order dated September 22, 2017 issued in this proceeding, the Board approved a Stipulation authorizing the Company to implement a BGSS rate of \$0.4551 per therm on a provisional basis effective October 1, 2017 subject to refund with interest on any net over-recovered BGSS balance to reflect the updated information. Based on this change, the provisional BGSS rate of \$0.4551 per therm increased the monthly bill of a typical residential heating customer using 100 therms by \$7.94 from \$90.24 to \$98.18, an increase of 8.8%. By letter dated December 19, 2017, in compliance with the Board's letters dated September 26, 2017 and November 17, 2017 in BPU Docket No. ER17090984, Elizabethtown filed revised tariff sheets to reflect a decrease in the sales and use tax to be charged to customers for utility service, which reduced the provisional rate of \$0.4551 per therm to \$0.4540 per therm effective January 1, 2018. Based on this change, the BGSS rate of \$0.4540 per therm decreased the monthly bill of a typical residential heating customer using 100 therms by \$0.11 from \$97.44 to \$97.33, a decrease of 0.1% as of January 1, 2018.

This matter was transmitted to the Office of Administrative Law as a contested case. A pre-hearing conference was held by telephone on January 19, 2018.

Elizabethtown, Board Staff, and Rate Counsel (collectively, "the Parties") engaged in discovery and discussed certain matters at issue in this docket. As a result of those discussions, the Parties have resolved all remaining issues in this proceeding in accordance with the Stipulation set forth below.

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# **STIPULATION**

Based upon and subject to the terms and conditions set forth herein, the Parties stipulate and agree as follows:

A. The Company shall maintain the BGSS-P rate of \$0.4540 per therm, inclusive of all applicable taxes and that rate shall remain in effect on a final basis until revised in accordance with applicable laws and regulations.

**B**. The Company's future annual BGSS gas cost filings shall continue to comply with the "Annual BGSS Minimum Filing Requirements" ("MFR") adopted by the Board by Order dated June 20, 2003 in Docket No. GR02120945, *et al.* as listed in the index contained in Appendix A, as well as certain additional MFRs in the forms which are also contained in Appendix A. The data reflected in these forms are for illustrative purposes.

C. This Stipulation provides for a final resolution in this proceeding. All issues related to Elizabethtown's BGSS recoverable costs for the BGSS year ending September 30, 2017 are resolved.

**D.** The Company agrees to continue to electronically provide Rate Counsel and Board Staff, on a monthly basis, the following updated information: 1) the BGSS NYMEX Update Report (also known as S-ECHART-1), in the form attached as Appendix B; and 2) the calculation of net gas per therm (also known as S-ECHART-2) in the form attached as Appendix C, which is to be submitted in the middle of the following month. The data reflected in these forms are for illustrative purposes. E. This Stipulation represents a mutual balancing of interests and, therefore, is intended to be accepted and approved in its entirety. In the event that the Board does not adopt this Stipulation in its entirety in an Order, then any Party hereto is free to pursue its then-available legal remedies with respect to all issues in this Stipulation as though this Stipulation had not been signed.

**F.** It is the intent of the Parties that the provisions hereof be approved by the Board, as appropriate, as being in the public interest. The Parties further agree that they consider the Stipulation to be binding on them for all purposes herein.

**G.** It is specifically understood and agreed that this Stipulation represents a negotiated agreement and has been made exclusively for the purpose of this proceeding. Except as expressly provided herein, Elizabethtown, Board Staff, or Rate Counsel shall not be deemed to have approved, agreed to, or consented to any principle or methodology underlying or supposed to underlie any agreement provided herein. This Stipulation shall not be cited as precedent except for the purpose of enforcing its terms. All rates remain subject to audit by the Board.

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WHEREFORE, the Parties hereto do respectfully submit this Stipulation to the Presiding Administrative Law Judge and request (1) the Administrative Law Judge to issue an initial decision approving the Stipulation; and (2) the Board to issue a Decision and Order approving this Stipulation in its entirety in accordance with the terms hereof.

# PIVOTAL UTILITY HOLDINGS, INC. D/B/A ELIZABETHTOWN GAS

# By: M Catucio Hute /

Mary Patricia Keefe/ / Vice President, Regulatory Affairs And Business Support STEFANIE A. BRAND DIRECTOR, DIVISION OF RATE COUNSEL

By:

Felicia Thomas-Friel Managing Attorney Gas Division of Rate Counsel

GURBIR S. GREWAL ATTORNEY GENERAL OF NEW JERSEY Attorney for the Staff of the New Jersey Board of Public Utilities

By:

Alex Moreau Deputy Attorney General

5/8/18 Dated:

WHEREFORE, the Parties hereto do respectfully submit this Stipulation to the Presiding Administrative Law Judge and request (1) the Administrative Law Judge to issue an initial decision approving the Stipulation; and (2) the Board to issue a Decision and Order approving this Stipulation in its entirety in accordance with the terms hereof.

# PIVOTAL UTILITY HOLDINGS, INC. D/B/A ELIZABETHTOWN GAS

By: /

Mary Patricia Keefe/ / Vice President, Regulatory Affairs And Business Support

STEFANIE A. BRAND DIRECTOR, DIVISION OF RATE COUNSEL

Felicia Thomás-Friel Managing Attorney Gas Division of Rate Counsel

GURBIR S. GREWAL ATTORNEY GENERAL OF NEW JERSEY Attorney for the Staff of the New Jersey Board of Public Utilities

By: Alex Moreau

Deputy Attorney General

Dated:

6

# Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas 2017 / 2018 BGSS Filing

# MINIMUM FILING REQUIREMENT (MFR) INDEX

<u>Minimum F</u>	lling Requirement	<u>Schedule(s)</u>
1. Motion, Su	pporting Testimony & Tariff Modifications	Petition, Testimony, TK-12
2. Computatio	on of Proposed BGSS Rates	LJW-1, LJW-3
3. Public Noti	ce with Proposed Impact on Bills	Petition
4. Actual and	Forecasted Refund Amounts	TK-3, LJW-9
5. Cost of Gas	s Sendout by Component	TK-2, TK-5, TK-7, LJW-2, LJW-4, LJW-6, LJW-7, LJW-10, LJW-11
6. BGSS Conf	ribution and Credit Offsets	TK-3, TK-4, LJW-9, LJW-12
7. Over/Under	Recovery Comparisons	TK-1, TK-6, LJW-3
8. Wholesale	Gas Pricing Assumptions	LJW-7, LJW-13
9. GCUA Rec	overies and Balances	not applicable
10. Historical S	Service Interruptions	ТК-9
11. Gas Price I	ledging Activities	TK-11, LJW-14
12. Storage Ga	s Volumes, Prices and Utilitization	TK-7, LJW-10
13. Affiliate Ga	s Supply Transactions	ТК-8
14. Projected S	Supply and Demand Data with Design Peak Day	LJW-16
15. Actual Pea	k Day Supply and Demand	ТК-10
16. Capacity C	ontract Changes	Testimony - L J Willey pgs. 22-23
17. FERC Pipe	line Activities	LJW-15
18. Changes to	o Firm Transportation and Storage Contracts	LJW-17

# Appendix A

#### Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Historical and Estimated Supply and Demand Requirements All figures in MDth unless otherwise noted

		2014-2015 ACTUALS		A A	015-2016 CTUALS		ACTUA	016-2017 LS/ESTIMA	TE⁴
REQUIREMENTS		Non	esterie	Heating	Non		Heating	Nonste Heating	Annual
IRM	Clear Cliff Sector	S (In a su i gi cos	1111041227/1	1.1 C 41.1 1 9.7 12.4 (1)	in the diam graves		<u></u>		
Residential	18,589	5,898	24,486	14,100	5,686	19,786	15,552	5,369	20,92
Commercial	5,962	1,813	7,774	4,292	1,749	6,040	4,940	1,896	6,830
Industrial	- 68	68	136	59	67	126	64	41	10
Company Use	155	104	259	124	84	208	133	90	22
Unacct. For <sup>5</sup>	545	173	718	409	167	576	455	163	61
otal Firm Requirements (Normal)				18,983	7,752	26 735	21,144	5-7,559	28,70
	N/A		N/A	N/A		N/A	N/A		N/A
TOTAL FIRM REQUIREMENTS (Design)		N/A S	NAK	NA SA	NA SA	*N/A	N/A with	N/AGENC	SIN/AS
VAILABLE FOR NON-FIRM SERVICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CAPACITY		•					i i		
Pipeline Deliverability (delivering pipe)									
Transco	21,363	28,538	49,901	21,363	28,538	49,901	21,503	28,538	50,04
Texas Eastern	4,841	6,860	11,701	4,841	6,860	11,701	4,873	6,860	11,73
PennEast	2,483	3,518	6.001	2,483	3,518	6,001	2,499	3,518	6,01
Columbia Gas	2,483	3,316 866	1,477	611	866	1,477	615	866	1,48
Tennessee Total Pipeline Deliverability	29,298	39,782	69,080	29,298	39,782	69,080	29,490	39,782	69,27
			,	,		•			
Storage Deliverability	0.044		٥	9,244		0	9,244		
Storage Capacity	9,244		-				400	400	
Emergency Reserve <sup>2</sup>	400	400	D		400	0		400	
(Injections)/Withdrawals	8,844	(8,844)	0	8,844	(8,844)	u	8,844	(8,844)	
Peaking Deliverability									
On-System:					_		405	•	
LNG	135	0	135	135	0	135	135	0	13
Via Pipeline:	1					704	761	0	76
Cogeneration Recall	761	0	761		0	761		0	
LGA	155	0	155		0	155		-	15
Other	405	0	405		0	585		0	<u>87</u> 1,92
Total Peaking Capacity	1,456	0	1,456	_	0	1,636			
TOTAL AVAILABLE CAPACITY	39,598	30,938	70,536	39,778	30,938	23170715	40,255	30,938	21:71,11
SUPPLY									
Long Term Firm Supply Seasonal or Annual Firm Supply		•							
				ļ					
Other <sup>3</sup>	Ser Sere and a			3			<b>新闻的资源的</b>	or says and the	N 76 G
TOTAL GAS SUPPLY CONTRACTS	16.5.25. 25.7	<u></u>	1.121.1 20-11	24242,24,248,295	6453.84 <u>544 767</u>	1	12 /2 /2 /2 (10 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2	1	ayay 14 1 ( 44 19
								-	
			•						
			•						

Heating Season - Nov 1 through Mar 31, Non-heating Season - April 1 through Oct 31, Annual Pariod - Nov 1 through Oct 31.

Based on 10 year normal weather (2006 - 2016)

<sup>1</sup> Values listed in "Available For Non-firm Service" represent capacity available to Elizabeth town within its Firm Contract capabilities that can be used to provide interruptible service over the course of a design winter. Additional safes to interruptible markets could be

made to the degree actual weather conditions are warmer than design conditions.

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\* Reserve for colder than normal weather in April.

<sup>a</sup> Spot purchases or new firm supplies.

<sup>4</sup> Actuals through April 2017.

<sup>8</sup> Seasonal Lost and Unaccounted for values are prorated from the annual.

# Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Historical and Estimated Supply and Demand Requirements All figures in MDth unless otherwise noted

		gures in MDth 2017-2018			018-2019		2019-2020				
		ESTIMATE	A MARY SHARE SHARE A REAL		STIMATE	and the residence for	ESTIMATE				
REQUIREMENTS	Heatings	Non See	Annual	Heating	Non C	Annual	Heating	Heating	Annual		
FIRM	Stranen (2)	Wate detting rists	121111111111111111	221.1-94 - 192 - 8574							
Residential	17,064	5,313	22,377	17,194	5,259	22,453	17,194	5,259	22,453		
Commercial	5,208	1,951	7,159	5,366	2,007	7,373	5,366 45	2,007	7,373		
Industrial Company Use	45 141	41 96	86 237	45 143	41 96	86 239	45	41 96	86 239		
Unacct. For <sup>4</sup>	494	163	657	500	163	663	500	163	663		
Total Firm:Requirements (Normal)			30,516	23 248	7,586	30,815	23 248	7.566	30,815)		
DESIGN WINTER INCREMENT	5,728		5,728	5,737		5,737	5,737		5,737		
TOTAL FIRM REQUIREMENTS (Design)	28,681	67,563	36,244	28,985	7,566	36(552	28,985	7,556	36,552		
AVAILABLE FOR NON-FIRM SERVICE	12,105	27,115	39,220	11,800	27,112	38,912	11,800	27,112	38,912		
<u>CAPACITY</u> Pipeline Deliverability (delivering pipe)						I					
Transco	24,020	32,298	56,318	24,020	32,298	56.318	24,020	32.298	56,318		
Texas Easlem	4,827	6,841	11,668	4,827	6,841	11,668	4,827	6,841	11,668		
PennEast			0 00 ·		0 540	0.004	n 400	0 640	0		
Columbia Gas Tennessee	2,483	3,518 866	6,001 1,477	2,483 611	3,518 866	6,001 1,477	2,483 611	3,518 866	6,001 1,477		
Total Pipeline Deliverability	31,941	43,523	75,464	31,941	43,523	75,464	31,941	43,523	75,464		
• •											
Storage Deliverability Storage Capacity	9,244		0	9,244		0	9,244		0		
Emergency Reserve <sup>2</sup>	400	400	0	400	400	õ	400	400	0		
(Injections)/Wilhdrawals	8,844	(8,844)	ő	8,844	(8,844)	Ő	8,844	(8,844)	0		
Peaking Deliverability											
On-System:											
LNG	135	· 0	135	135	0	135	135	0	135		
Via Pipeline:	336	0	336	336	O	336	336	0	336		
Cogeneration Recali LGA	155	0	155	155	ő	155	155	0	155		
Other	765	0	765	810	ō	810	810	0	810		
Total Peaking Capacity	1,391	0	1,391	1,436	0	1,436	1,436	0	1,436		
TOTAL AVAILABLE CAPACITY	42,176	34,679	76,855	42 221	34;679	76,900	42 221	34,679Z	76,900		
SUPPLY Long Term Firm Supply				Į							
Seasonal or Annual Firm Supply											
Other <sup>3</sup>	14,108	16,408	30,516	14,404	16,411	30,815	14,404	16,411	30,815		
TOTAL GAS SUPPLY CONTRACTS	14,108.	34/16:408	30,516	14 404	16 41/1	30,815	404	\$216:411	130,815		
0											
							2019-2020 ESTIMATE Dth per Day				
	2017	-2018 ESTIM	ATE	1 .	2019 ESTIN	ATE		When an Dav			
DESIGN PEAK DAY	2017	-2018 ESTIM Dth per Day	ATE	1 .	2019 ESTIN Oth per Day	ATE		Oth per Day			
DESIGN PEAK DAY DEMAND: Firm Sales	2017		ATE	1 .				<u>Oth per Day</u> 425,202			
DEMAND: Firm Sales LAUF	2017	Dth per Day	ATE	1 .	0th per Day 425,202 = 8,855			425,202 8,855	<u> </u>		
DEMAND: Firm Sales LAUF Interruptible Sales	2017	Dth per Day 421,924 8,787 0	ATE	1 .	0 <u>th per Day</u> 425,202 ⊲ 8,855 0			425,202 8,855 0			
DEMAND: Firm Sales LAUF Interruptible Sales Transportation Service		Dth per Day 421,924 8,787 0 152,239			2th per Day 425,202 = 8,855 0 153,276	•		425,202 8,855 0 153,276			
DEMAND: Firm Sales LAUF Interruptible Sales Transportation Service		Dth per Day 421,924 8,787 0 152,239			2th per Day 425,202 = 8,855 0 153,276	•		425,202 8,855 0 153,276			
DEMAND: Firm Sales LAUF Interruptible Sales Transportation Service TOTAL THROUGHBUT SUPPLY:		Dth per Day 421,924 8,787 0 152,239			20th per Day 425,202 - 8,855 0 153,276 \$\$87,333	•		425,202 8,855 0 153,276			
DEMAND: Firm Sales LAUF Interruptible Sales Transportation Service		Dth per Day 421,924 8,787 0 152,239			2th per Day 425,202 = 8,855 0 153,276	•		425,202 8,855 0 153,276			
DEMAND: Firm Sales LAUF Interruptible Sales Transportation Service <b>SUPPLY:</b> Storage & Seasonal Pipeline Transport Peaking		Dth per Day 421,924 8,737 0 152,239 552,950 552,950 118,189 203,412			20th per Day 425,202 = 8,855 0 153,276 (587,333) 118,189 203,412	•		425,202 8,855 0 153,276 587,333 118,189 203,412			
DEMAND: Firm Sales LAUF Interruptible Sales Transportation Service SUPPLY: Storage & Seasonal Pipeline Transport Peaking Contracted		Dth per Day 421,924 8,787 0 152,238 552,350 118,189 203,412 38,950			20th per Day 425,202 = 8,855 0 153,276 153,276 1587,333 118,189 203,412 38,950	•		425,202 8,855 0 153,276 587,333 118,189 203,412 38,950			
DEMAND: Firm Sales LAUF Interruptible Sales Transportation Service <b>SUPPLY:</b> Storage & Seasonal Pipeline Transport Peaking Contracted Mechanical		Dth per Day 421,924 8,787 0 152,239 552,950 118,189 203,412 38,950 25,000			20th per Day 425,202 = 8,855 0 153,276 3,587,3333 118,189 203,412 38,950 25,000	•		425,202 8,855 0 153,276 587,333 118,189 203,412 38,950 25,000			
DEMAND: Firm Sales LAUF Interruptible Sales Transportation Service <b>SUPPLY:</b> Storage & Seasonal Pipeline Transport Peaking Contracted Mechanical 3 <sup>rd</sup> Party		Dth per Day 421,924 8,787 0 152,239 552,950 118,189 203,412 38,950 25,000 51,000-			2011 per Day 425,202 = 8,855 0 153,276 3587,333 118,189 203,412 38,950 25,000 54,000	•		425,202 8,855 0 153,276 557,333 118,189 203,412 38,950 25,000 54,000			
DEMAND: Firm Sales LAUF Interruptible Sales Transportation Service SUPPLY: Storage & Seasonal Pipeline Transport Peaking Contracted Mechanical		Dth per Day 421,924 8,787 0 152,239 552,950 118,189 203,412 38,950 25,000			20th per Day 425,202 = 8,855 0 153,276 3,587,3333 118,189 203,412 38,950 25,000	•		425,202 8,855 0 153,276 587,333 118,189 203,412 38,950 25,000			

Heating Season - Nov 1 through Mar 31, Non-heating Season - April 1 through Oct 31, Annual Period - Nov 1 through Oct 31,

Based on 10 year normal weather (2006 - 2016) <sup>1</sup>Values listed in "Available For Non-firm Service" represent capacity available to Elizabethtown within its Firm Contract capabilities that can be used to provide interruptible service over the course of a design winter. Additional sales to interruptible markets could be

made to the degree actual weather conditions are warmer than design conditions.

<sup>2</sup> Reserve for colder than normat weather in April.

<sup>3</sup> Spot purchases or new firm supplies.

<sup>4</sup> Seasonal Lost and Unaccounted for values are prorated from the annual.

#### Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Historical and Estimated Supply and Demand Requirements All figures in MDth unless otherwise noted

	E	020-2021 STIMATE		2021-2022 ESTIMATE					
REQUIREMENTS	Heating	Non	Annual	Heating	Non -	Annual			
FIRM	Set reserves a set								
Residential	17,194	5,259	22,453	17,194	5,259	22,453			
Commercial	5,366	2,007	7,373	5,366	2,007	7,373			
Industrial	45	41	86	. 45	41	86			
Company Use	143	96	239	143	96	239			
Unacct. For 1 Fotal Firm Reguirements (Normal)	500	163	663	500	163	663			
					2007 (140 0 0 121)				
	5,737		5,737	5,737		5,737			
TOTAL FIRM REQUIREMENTS (Design)	28,985		14236(552)	28,985					
AVAILABLE FOR NON-FIRM SERVICE	11,800	27,112	38,912	11,800	27,112	38,912			
CAPACITY									
Pipeline Deliverability (delivering pipe)	4								
Transco	24,020	32,298	56,318	24,020	32,298	56,318			
Texas Eastern	4,827	6,841	11,668	4,827	6,841	11,668 0			
PennEast	2,483	3,518	0 6.001	2,483	3,518	6,001			
Columbia Gas Tennessee	611	866	1,477	611	866	1,477			
Total Pipeline Deliverability	31,941	43,523	75,464	31,941	43,523	75,464			
Storage Deliverability									
Storage Capacity	9,244		0	9,244		(			
Emergency Reserve <sup>2</sup>	400	400	0	,400	400	C			
(Injections)/Withdrawals	8,844	(8,844)	0	8,844	(8,844)	(			
Peaking Deliverability									
On-System:									
LNG	135	0	135	135	0	13			
Via Pipeline:	1				0	33			
Cogeneration Recall	336 155	0	336 155	336 155	0	15			
LGA · Other	810	ŏ	810	810	ŏ	81			
Total Peaking Capacity	1,436	0	1,436	1,436	0	1,43			
TOTAL AVAILABLE CAPACITY	¥ \$242,221	34,679	1,176,900	42,221	34 679	76,90			
SUPPLY	1								
Long Term Firm Supply									
Seasonal or Annual Firm Supply									
Other <sup>3</sup> TOTAL GAS SUPPLY CONTRAGTS	14,404	16,411	30,815	14,404	16,411	30,81			
TOTAL GAS SUPPLY CONTRACTS	<u>199</u> 82991 <b>4949</b> 88	staati <b>o</b> t <del>a</del> ta ta saa	2.02.30,6,10						
	2020-	2021 ESTIN	ATE	2021-	2022 ESTIM	ATE			
DESIGN PEAK DAY		Oth per Day		<u> </u>	Oth per Day				
DEMAND:									
Firm Sales		425,202		'	425,202 8,855				
LAUF		8,855 0			0,000 0				
		153,276			153,276				
Interruptible Sales Transportation Service				State Office 19	32587 333	i ne stal			
Transportation Service	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	587,333	是特别的人物	2 1219:36-3 AM 6870					
Transportation Service		587,333	RHAR CAR	9 1919:1969 #44690					
Transportation Service		118,189	<u>RAMANANAN</u>	9 1219:3699 January	118,189				
Transportation Service TOTAL THROUGHPUT SUPPLY: Storage & Seasonal Pipeline Transport		587,333	<u>ZNIKCASC</u>	<u>1 (216) 2679</u> 2342870					
Transportation Service TOTAL THROUGHPUT SUPPLY: Storage & Seasonal Pipeline Transport Peaking		118,189 203,412	<u>PRESERVA</u>		118,189 203,412				
Transportation Service TOTAL THROUGHPUT SUPPLY: Storage & Seasonal Pipeline Transport Peaking Contracted		118,189 203,412 38,950	<u>PRESCO</u>		118,189 203,412 38,950				
Transportation Service TOTAL THROUGHPUT SUPPLY: Storage & Seasonal Pipeline Transport Peaking Contracted Mechanical		118,189 203,412 38,950 25,000	<u></u>	7 1200:3009 America	118,189 203,412 38,950 25,000				
Transportation Service ITOTAL THROUGHPUT SUPPLY: Storage & Seasonal Pipeline Transport Peaking Contracted Mechanical 3 <sup>rd</sup> Party		118,189 203,412 38,950 25,000 54,000	<u>, ann an an</u>	7 1200:300-3 America	118,189 203,412 38,950 25,000 54,000				
Transportation Service TOTAL'THRQUGHPUT SUPPLY: Storage & Seasonal Pipeline Transport Peaking Contracted Mechanical		118,189 203,412 38,950 25,000	<u></u>	7 12.01.2007 America	118,189 203,412 38,950 25,000				

Heating Season - Nov 1 through Mar 31, Non-heating Season - April 1 through Oct 31, Annual Period - Nov 1 through Oct 31.

Based on 10 year normal weather (2005 - 2016)

<sup>4</sup> Values tisted in "Available For Non-firm Service" represent capacity available to Elizabethtown within its Firm Contract capabilities that can be used to provide Interruptible service over the course of a design winter. Additional sales to interruptible markets could be

made to the degree actual weather conditions are warmer than design conditions.

<sup>2</sup> Reserve for colder than normal weather in April.

<sup>3</sup> Spot purchases or new firm supplies.

\* Seasonal Lost and Unaccounted for values are prorated from the annual.

# Schedule LJW-17

# Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Changes to Firm Transportation and Storage Contracts

	Tariff Service	Contract No.	FÉRC Certificate	DCQ (dth/day)	MSQ (dih)	Termination Date	Evergreen/ Rollover (Y/N)	Recent Action Taken
ARLINGTON STORAGE COMPANY	FSS-SB	EGC_SB5FSS	284	5,556	500,000	3/31/2023	Y	Term extended per Evergreen Roll-over
COLUMBIA GAS	NTS	39275	284	12,736		10/31/2020	Y	No change
TRANSMISSION	SST	78749	284	3,644		3/31/2020	Ň	No change
	FSS	78480	284	3,644	230,168	3/31/2020	N	No change
	FTS	92061	284	10,000		10/31/2020	Y	No change
DOMINION ENERGY	FTNN	100115	284	6,444		3/31/2021		No change
TRANSMISSION	FT	200394	7c	5,522		Evergreen	Y	Term extended per Evergreen Roll-over
		200395	7c					
	FT	200397	284	17,120		Evergreen	Y	Term extended per Evergreen Roll-over
•	GSS	300165	284	10,828	645,244	3/31/2018	Y Y	No change
	GSS.	300167	284	16,667	1,666,666	3/31/2022	Ŷ	Term extended
	GSS (TE)	600D44	7c	23,190	2,387,206	Evergreen	Ŧ	Term extended per Evergreen Roll-over
GULF SOUTH	FSS-P	659	284	10,000	100,000	Evergreen	Y	Term extended per Evergreen Roll-over
	FTS	34691	284	15,000		3/31/2019	N	No change
NATIONAL FUEL GAS	EFT	E00526	284	11,090		Evergreen	. Y	Term extended per Evergreen Roll-over
SUPPLY	FT-3	F01642	284	15,805		Evergreen	Y	Term extended per Evergreen Roll-over
STAGECOACH	FSS	PUH100166FS	284	3,040	304,000	3/31/2019	N	No change
PIPELINE & STORAGE COMPANY	F <b>3</b> 5	PORIOTOUPS	204	0,040	004,000			ise energy
TEXAS EASTERN	FTS	330837	7c	1,520		Evergreen	Y	Term extended per Evergreen Roll-over
TRANSMISSION	FTS-8	331013	7¢	8,469		Evergreen	Ý	Term extended per Evergreen Roll-over
	FTS-5	331501	7c	16,666		Evergreen	Y	Term extended per Evergreen Roll-over
	FTS-7	331720	7c	14,298		Evergreen	Y	Term extended per Evergreen Roll-over
	SS-1	400196	284	3,646	379,911	Evergreen	Y	Term extended per Evergreen Roll-over
	OBA	630453	284	n/a		Evergrean	Y	Term extended per Evergreen Roll-over
	CDS	800217	284	20,220		10/31/2021	Y Y	No change Term extended per Evergreen Roll-over
	FT-1 FT-1	800392 830029	284 284	1,348 20,000		Evergreen Evergreen	Ŷ	Term extended per Evergreen Roll-over
	· FT-1	910080	284	5,000		3/31/2021	Ý	No change
	FT-1	910081	284	5,000		3/31/2021	Ý	No change
	FT-1	910333	284	5,394		Evergreen	Y	Term extended per Evergreen Roll-over
TEXAS GAS TRANSMISSION	FT	7474	284	17,927		10/31/2017	Y	Terminaled
TENNESSEE GAS	FT-G	597	284	3,048		10/31/2019	Y	No change
PIPELINE	FT-G	603	284	1,014		10/31/2019	Y Y	No change
	FT-A	959	284	1,000	100 485	4/30/2022 3/31/2023	Y Y	Term extended Term extended
	FS-MA FT-AQTGP	8703 317355	284 284	1,014 3,000	100,485	10/31/2019	N	No change
								-
TRANSCONTINENTAL	GSS	1000739	7c	27,604	1,759,955	3/31/2023	Y	Term extended
GAS PIPE LINE	LG-S	1000740	7¢		n/a	Evergreen	Y Y	Term extended per Evergreen Roll-over
COMPANY	LSS	1000741	7c	8,000	600,000	3/31/2023	Y	Term extended Term extended per Evergreen Roll-over
	S-2 FT	1000742 1002230	7c 284	7,267 1,811	653,186	Evergreen Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1003666	284	77,755		Evergreen	Ý	Term extended per Evergreen Rolf-over
	FT	1003832	284	5,175		Evergreen	Ý	Term extended per Evergreen Roll-over
	मि	1005014	284	1,967		Evergreen	Ŷ	Term extended per Evergreen Roll-over
	FT	1010431	284	2,688		Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1010445	284	1,442	<b>9</b>	Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1011995	284	15,000		Evergreen	Ŷ	Term extended per Evergreen Roll-over
	FT	1011997	284	17,595		Evergreen	Ŷ	Term extended per Evergreen Roli-over
	FT	1011998	284 284	15,615	154.951	Evergreen 6/30/2019	Y Y	Term extended per Evergreen Roli-over No change
	lng WSS-OA	1032229 1041432	284 284	38,950 35,923	3,412,638	6/30/2019 Evergreen	Ŷ	No change Term extended per Evergreen Roll-over
	FT	1041432	284	6,973	5,412,030	Evergreen	Ŷ	Term extended per Evergreen Roll-over
	ESS	1013463	284	29,822	250,075	9/30/2029	Ý	No change
	FT	9077828	284	10,000		10/31/2029	Ý	No change
	FT ·	9090630	284	5,000		11/18/2029	Y	No change
	FT	9158868	284	11,090		6/30/2019	Y	No change
	FT	9159808 .	284	500		6/30/2019	Y	No change

# S-ECHART-1 BGSS NYMEX Update Report as of March 02, 2018

	a		b		c = b - a			đ	е	f=d-e	g=cxf	
	BGSS NYMEX		Incr/			Sales	Hedged	Unhedged	Change in			
<u>Month</u>	<u>(see</u>	note below)	<u>(3//</u>	2/2018 Close)	<u>(Decr)</u>		<u>% Chq</u>	<u>forecast (dths)</u>	volume (dths)	volume (dths)	value unhedged	
Oct-17	\$	3.414	\$	2.974	\$	(0.440)		1,377,737	659,600	718,137	(\$315,980)	
Nov-17	\$	3.461	\$	2.752	\$	(0.709)		2,844,023	1,710,648	1,133,375	(\$803,563)	
Dec-17	\$	3.580	\$	3.074	\$	(0.506)		4,308,634	2,937,175	1,371,459	(\$693,958)	
Jan-18	\$	3.655	\$	2.738	\$	(0.917)		5,672,858	3,677,662	1,995,196	(\$1,829,595)	
Feb-18	\$	3.618	\$	3.505	\$	(0.113)		4,754,979	3,028,265	1,726,714	(\$195,119)	
Mar-18	\$	3.520	\$	2.639	\$	(0.881)		3,494,646	2,317,807	1,176,839	(\$1,036,795)	
Apr-18	\$	2.955	\$	2.695	\$	(0.260)		1,678,901	794,200	884,701	(\$230,022)	
May-18	\$ ·	2.888	\$	2.727	\$	(0.161)		705,404	286,100	419,304	(\$67,508)	
Jun-18	\$	2.912	\$	2.767	\$	(0.145)		397,625	110,400	287,225	(\$41,648)	
Jul-18	\$	2.936	\$	2.811	\$	(0.125)		462,264	213,100	249,164	(\$31,146)	
Aug-18	\$	2,942	\$	2.819	\$	(0.123)		459,896	212,200	247,696	(\$30,467)	
Sep-18	\$	2.918	\$	<u>2.8</u> 00	\$	(0.118)	<u>_</u>	517,818	265,200	252,618	(\$29,809)	
Avg Total \$	\$	3.233	\$	2.858	\$	(0.375)	-11.6%	26,674,785	16,212,356	10,462,429	(\$5,305,609)	
		,		¥							<u></u>	
Oct-18	\$	2.934	\$	2.814	\$	(0.120)		1,391,660	695,000	696,660	(\$83,599)	
Nov-18	\$	2.984	\$	2.861	\$	(0.123)		2,872,580	1,780,648	1,091,932	(\$134,308)	
Dec-18	\$	3.118	\$	2.980	\$	(0.138)		4,351,883	2,907,175	1,444,708	(\$199,370)	
Jan-19	\$	3.213	\$	3.067	\$	(0.146)		5,729,773	3,847,662	1,882,111	(\$274,788)	
Feb-19	\$	3.194	\$	3.037	\$	(0.157)		4,802,789	3,218,265	1,584,524	(\$248,770)	
Mar-19	\$	3.121	\$	2.948	\$	(0.173)		3,529,805	2,397,807	1,131,998	(\$195,836)	
Apr-19	\$	2.717	\$	2.658	\$	(0.059)	•	1,695,844	788,000	907,844	(\$53,563)	
May-19	\$	2.675	\$	2.626	\$	(0.049)		712,572	368,200	344,372	(\$16,874)	
Jun-19	\$	2.700	\$	2.653	\$	(0.047)		401,735	262,900	138,835	(\$6,525)	
Jul-19	\$	2.731	\$	2.683	\$.	(0.048)		467,104	287,300	179,804	(\$8,631)	
Aug-19	\$	2.744	\$	2.690	\$	(0.054)		464,697	280,900	183,797	(\$9,925)	
Sep-19	\$	2.737	\$	2.679	\$	(0.058)		523,206	287,800	235,406	(\$13,654)	
Avg Total \$	\$	2.906	\$	2.808	\$	(0.098)	-3.4%	26,943,648	17,121,656	<u>9,821,992</u>	(\$1,245,842)	

Footnotes:

a : Nymex rate used for annual BGSS periodic rate filing; Oct-2017 to Sept-2019 based on 05/10/2017 Close.

b: Nymex rate as of date of the report

d: Sales forecast (includes fuel requirement) at a receipt point/wellhead equivalent volume

- e: 'Hedged' volume consists of all fixed price contracts (financial or physical), purchased call option positions, and tentative storage withdrawal volumes (reduced by fuel required for delivery to citygate)
- f: 'Unhedged' volume consists of sales volume forecast less 'hedged' volume

g: Not necessarily representative of a change in under/over-recovery value

c: Increase/Decrease in the Nymex rate compared to rate used for annual BGSS periodic rate filing

Appendix C

# S-ECHART-2

# Elizabethtown Gas Calculation of Net Cost of Gas Per Therm

Actual   Actual<						- OI 1.0									
1 NYMEX - 05/10/16 - Included in BGSS Filing 30.3414 \$0.3414 \$0.3461 \$0.3580 \$0.3618 \$0.3520 \$0.2925 \$0.2912 \$0.29412 \$0.2942 \$0.2942															Weighted
2 NYMEX - Actual Stitlement \$0.2974 \$0.2752 \$0.3074 \$0.2738 \$0.2355 \$0.2639   Breakdown of Gross Cost of Gas Per Therm: 13 Flowing Gas Cost -\$0.2754 \$0.2974 \$0.2738 \$0.2030 \$0.1059 \$0.0252 -\$0.0823 -\$0.2794 -\$0.2101 -\$0.1671 -\$0.0619 \$0.0892   13 Flowing Gas Cost \$0.0387 \$0.1483 \$0.1387 \$0.0854 \$0.00718 \$0.0077 \$0.0061 \$0.0061 \$0.0063 \$0.0892   15 Hedged Volumes Delivered Cost \$0.6554 \$0.1255 \$0.1365 \$0.0718 \$0.0275 \$0.0012 \$0.0027 \$0.0061 \$0.0061 \$0.0063 \$0.0892 \$0.1355 \$0.1495 \$0.1435 \$0.1495 \$0.1435 \$0.1495 \$0.0273 \$0.0061 \$0.0001 \$0.0061 \$0.0061 \$0.0061 \$0.0061 \$0.0061 \$0.0061 \$0.0001 \$0.0002 \$0.0002 \$0.0002 \$0.0002 \$0.0022 \$0.0022 \$0.0024 \$0.0025 \$0.0002 \$0.0002 \$0.0002 \$0.0002 \$0.0002 \$0.0002 \$0.0002 \$0.0002 \$0.0002 \$0.0002			<u>Oct-17</u>	<u>Nov-17</u>		·									<u>Average</u>
Breakform of Gross Cost of Cas Per Therm:   -50.2754   50.2943   50.2021   50.3949   -50.0250   50.1059   50.0252   -50.2794   -50.2101   -50.1571   -50.0619   50.1245     13   Flowing Gas Cost   50.0387   50.1387   50.0854   50.012   50.0072   50.061   50.0076   50.0076   50.0071   50.1255   50.2262   50.5099   50.118   50.443   50.1452   50.1452   50.1245   50.440   50.0712   50.0061   50.0480   50.0489   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.1452   50.0001   50.0002   50.0022   50.0022   50.0224   50.0140   50.0055   50.0023   50.0023   50.0001   50.0002   50.0002   50.0002   50.0002   50.0002   50.0002   50.0002   50.0000   50.0000   50.0000   50.0000   50.0000   50.0000   50.0000	1	NYMEX - 05/10/16 - Included in BGSS Filing	\$0,3414	\$0.3461	\$0.3580				\$0,2955	\$0.2888	\$0.2912	\$0.2936	\$0.2942	\$0.2918	
13 Flowing Gas Cost -50.274 50.2943 50.221 50.3949 -50.0250 50.1059 50.0252 -50.2794 50.2011 -50.11671 -50.0163 50.0083 50.0852   14 Gas Withdrawn From Storage Cost 50.0387 50.1483 50.1587 50.0854 50.1364 50.0975 50.0012 50.0279 50.061 50.0076 50.0080 50.0083 50.0852   15 Hedged Volumes Delivered Cost 50.6554 50.1725 50.0718 50.0712 50.0701 50.0252 50.0794 50.6410 50.0829 50.1452 50.1850 50.0359 50.0141 50.0829 50.0772 50.0001 50.0002 50.0022 50.0002 50.0002 50.0022 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0002 50.0000 50.0000 50.0000 50.0000 50.0000 50.0000 50.0000 50.0000 50.0000 50.0000 50.0000 50.0000 50.0000 50.0000 50	2	NYMEX - Actual Settlement	\$0.2974	\$0.2752	\$0.3074	\$0.2738	\$0.3505	\$0,2639							
10 Horms Dot Odd 50.0073 \$0.0075 \$0.0075 \$0.0075 \$0.0075 \$0.0076 \$0.0080 \$0.0080 \$0.0083 \$0.0892   15 Hedged Volumes Delivered Cost \$0.6554 \$0.1725 \$0.1355 \$0.0718 \$0.0075 \$0.0071 \$0.1252 \$0.2552 \$0.5099 \$0.5118 \$0.4900 \$0.4490 \$0.0125 \$0.0274 \$0.0440 \$0.0002		Breakdown of Gross Cost of Gas Per Therm:													
13 Heided Volumes Delivered Cost \$0.6554 \$0.1725 \$0.1365 \$0.0718 \$0.0722 \$0.0701 \$0.1520 \$0.2562 \$0.5099 \$0.5118 \$0.4386 \$0.1452   16 Pipeline Demand Cost \$0.6554 \$0.1725 \$0.1365 \$0.0718 \$0.0722 \$0.0701 \$0.1520 \$0.2562 \$0.5099 \$0.5118 \$0.4386 \$0.1452   17 Storage Demand Cost \$0.0611 \$0.0243 \$0.0135 \$0.0135 \$0.0172 \$0.1395 \$0.0261 \$0.1692 \$0.1772 \$0.1389   17 Storage Demand Cost \$0.0000 \$0.0005 \$0.0045 \$0.0129 \$0.0000 \$0.0001 \$0.0002 <td>13</td> <td>Flowing Gas Cost</td> <td>-\$0.2754</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>	13	Flowing Gas Cost	-\$0.2754	4							-				
15 Provide Demand Cost 50.6001 \$0.2483 \$0.1055 \$0.0704 \$0.0819 \$0.1235 \$0.2729 \$0.6410 \$0.7851 \$0.8299 \$0.7772 \$0.1589   17 Storage Demand Cost \$0.0601 \$0.0283 \$0.0135 \$0.0125 \$0.0274 \$0.0287 \$0.0281 \$0.1355 \$0.1692 \$0.1772 \$0.1589 \$0.0356   18 Peaking Cost \$0.0000 \$0.0001 \$0.0001 \$0.00001 \$0.00001 \$0.00001 \$0.00001 \$0.00001 \$0.00001 \$0.00002 \$0.0022 \$0.0282 \$0.0282 \$0.0210 \$0.0210 \$0.0211 \$0.0228 \$0.0026 \$0.0000 \$0.0001 \$	14	Gas Withdrawn From Storage Cost	\$0.0387	\$0,1483		+		+	• • • • • • •		-			-	• • • • • • •
10 30,080 30,080 50,080 50,014 50,014 50,024 50,014 50,025 50,014 50,024 50,0000 50,0000 50,000 50,000	15	Hedged Volumes Delivered Cost	\$0.6554	\$0.1725		+			-		• • • • • •		4	+	
11 300129 300111 300112 300112 500111 500112 500111 500002 \$00000 \$00000	16	Pipeline Demand Cost	\$0.6001										-		
10 Weighted Average Fuel Cost 30.0224 \$0.0140 \$0.0155 \$0.0123 \$0.0023 \$0.0093 \$0.0197 \$0.0210 \$0.0211 \$0.0228 \$0.0096   20 Variable Pipeline Cost \$0.0000	17	Storage Demand Cost	\$0.1413	\$0.0580	\$0.0253	\$0.0135		• • • • • • •		•		-	-		• • • • • • •
19 Wrighted Average Fuel Cost 30.3224 30.3224 30.000 \$0.0000 \$	18	Peaking Cost	\$0,0000	\$0.0114	\$0.0085	\$0.0045	\$0.1324	4						• • •	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	19	Weighted Average Fuel Cost	\$0.0224	\$0.0140	\$0,0105	\$0.0142	\$0,0055	\$0.0023				+	•		
21 Other Costs 30.00000 30.0000 30.0000	20	Variable Pipeline Cost	\$0.0000 .	\$0.0000	\$0.0000	\$0,0000	\$0.0000	\$0,0053	\$0.0278	++++	• - •				
22 That Gross Cost of Gas Fer Therm: Actual	21	Other Costs	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000								
Oct-16Nov-16Dec-16Jan-17Feb-17Mar-17Apr-17May-17Jul-17Jul-17Aug-17Sep-17Average23NYMEX - Actual Settlement $0.2952$ $$0.2764$ $$0.3232$ $$0.3391$ $$0.2627$ $$0.3175$ $$0.3142$ $$0.3236$ $$0.3067$ $$0.2969$ $$0.2961$ $$0.2961$ 24Flowing Gas Cost-\$0.1868 $$0.0509$ $$0.2074$ $$0.1761$ $$0.1300$ $$0.1854$ $-$0.0277$ $$0.0476$ $-$0.1164$ $-$0.2098$ $-$0.2639$ $-$0.4052$ $$0.0824$ 25Gas Withdrawn From Storage Cost $$0.0995$ $$0.1064$ $$0.1219$ $$0.0900$ $$0.0674$ $$0.0997$ $$0.0274$ $$0.0289$ $-$0.0044$ $$0.0188$ $$0.0073$ $$0.0161$ $$0.0715$ 26Hedged Volumes Delivered Cost $$0.6950$ $$0.2147$ $$0.1488$ $$0.1057$ $$0.0907$ $$0.0790$ $$0.1392$ $$0.2505$ $$0.3531$ $$0.4923$ $$0.5293$ $$0.4958$ $$0.1743$ 27Pipeline Demand Cost $$0.5503$ $$0.2242$ $$0.1179$ $$0.0840$ $$0.0855$ $$0.1031$ $$0.1156$ $$0.2855$ $$0.4220$ $$0.6624$ $$0.7229$ $$0.6511$ $$0.1783$ 28Storage Demand Cost $$0.0000$ $$0.0000$ $$0.0098$ $$0.0198$ $$0.0110$ $$0.0126$ $$0.0159$ $$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$ $$0$	22	Total Gross Cost of Gas Per Therm	\$191824	\$0.9467	\$0.6451	\$0,6425	\$0.4058	\$0,3932	\$0.3604	\$0.5863	<u>\$1.1758</u>	\$1.4717	\$1.5426	\$1.5343	\$0.6105
Oct-16Nov-16Dec-16Jan-17Feb-17Mar-17Apr-17May-17Jul-17Jul-17Aug-17Sep-17Average23NYMEX - Actual Settlement $0.2952$ $$0.2764$ $$0.3232$ $$0.3391$ $$0.2627$ $$0.3175$ $$0.3142$ $$0.3236$ $$0.3067$ $$0.2969$ $$0.2961$ $$0.2961$ 24Flowing Gas Cost-\$0.1868 $$0.0509$ $$0.2074$ $$0.1761$ $$0.1300$ $$0.1854$ $-$0.0277$ $$0.0476$ $-$0.1164$ $-$0.2098$ $-$0.2639$ $-$0.4052$ $$0.0824$ 25Gas Withdrawn From Storage Cost $$0.0995$ $$0.1064$ $$0.1219$ $$0.0900$ $$0.0674$ $$0.0997$ $$0.0274$ $$0.0289$ $-$0.0044$ $$0.0188$ $$0.0073$ $$0.0161$ $$0.0715$ 26Hedged Volumes Delivered Cost $$0.6950$ $$0.2147$ $$0.1488$ $$0.1057$ $$0.0907$ $$0.0790$ $$0.1392$ $$0.2505$ $$0.3531$ $$0.4923$ $$0.5293$ $$0.4958$ $$0.1743$ 27Pipeline Demand Cost $$0.5503$ $$0.2242$ $$0.1179$ $$0.0840$ $$0.0855$ $$0.1031$ $$0.1156$ $$0.2855$ $$0.4220$ $$0.6624$ $$0.7229$ $$0.6511$ $$0.1783$ 28Storage Demand Cost $$0.0000$ $$0.0000$ $$0.0098$ $$0.0198$ $$0.0110$ $$0.0126$ $$0.0159$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0.0000$ $$0$													•		
Oct-16Nov-16Dec-16Jan-17Feb-17Mar-17Apr-17May-17Jul-17Jul-17Aug-17Sep-17Average23NYMEX - Actual Settlement $0.2952$ $$0.2764$ $$0.3232$ $$0.3391$ $$0.2627$ $$0.3175$ $$0.3142$ $$0.3236$ $$0.3067$ $$0.2969$ $$0.2961$ $$0.2961$ 24Flowing Gas Cost-\$0.1868 $$0.0509$ $$0.2074$ $$0.1761$ $$0.1300$ $$0.1854$ $-$0.0277$ $$0.0476$ $-$0.1164$ $-$0.2098$ $-$0.2639$ $-$0.4052$ $$0.0824$ 25Gas Withdrawn From Storage Cost $$0.0995$ $$0.1064$ $$0.1219$ $$0.0900$ $$0.0674$ $$0.0997$ $$0.0274$ $$0.0289$ $-$0.0044$ $$0.0188$ $$0.0073$ $$0.0161$ $$0.0715$ 26Hedged Volumes Delivered Cost $$0.6950$ $$0.2147$ $$0.1488$ $$0.1057$ $$0.0907$ $$0.0790$ $$0.1392$ $$0.2505$ $$0.3531$ $$0.4923$ $$0.5293$ $$0.4958$ $$0.1743$ 27Pipeline Demand Cost $$0.5503$ $$0.2242$ $$0.1179$ $$0.0840$ $$0.0855$ $$0.1031$ $$0.1156$ $$0.2855$ $$0.4220$ $$0.6624$ $$0.7229$ $$0.6511$ $$0.1783$ 28Storage Demand Cost $$0.0000$ $$0.0000$ $$0.0098$ $$0.0198$ $$0.0110$ $$0.0126$ $$0.0159$ $$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$ $$0$															*** * 1 . *
23 NYMEX - Actual Settlement 50.2952 \$0.2764 \$0.3232 \$0.3930 \$0.3391 \$0.2627 \$0.3175 \$0.3142 \$0.3236 \$0.3067 \$0.2969 \$0.2961   Breakdown of Gross Cost of Gas Per Therm:   24 Flowing Gas Cost -\$0.1868 \$0.0509 \$0.2074 \$0.1761 \$0.1300 \$0.1854 -\$0.0277 \$0.0476 -\$0.1164 -\$0.2098 -\$0.2639 -\$0.4052 \$0.0824   25 Gas Withdrawn From Storage Cost \$0.0095 \$0.1064 \$0.1219 \$0.0900 \$0.0674 \$0.0997 \$0.0274 \$0.0289 -\$0.0004 \$0.0188 \$0.0073 \$0.0161 \$0.0715   26 Hedged Volumes Delivered Cost \$0.6950 \$0.2147 \$0.1488 \$0.1057 \$0.0907 \$0.0790 \$0.1392 \$0.2505 \$0.3531 \$0.4923 \$0.5293 \$0.4958 \$0.1743   27 Pipeline Demand Cost \$0.0551 \$0.0272 \$0.188 \$0.0196 \$0.0273 \$0.0675 \$0.0997 \$0.1562 \$0.1702 \$0.1783   28 Storage Demand Cost \$0.0000 \$0.00098 \$0.0198 \$0.0110 \$			Actual	Actual	•		•				+				-
Breakdown of Gross Cost of Gas Per Therm: S0.2532 S0.274 S0.1761 S0.1300 S0.1854 S0.0277 S0.0476 -\$0.1164 -\$0.2098 -\$0.2639 -\$0.4052 \$0.0824   24 Flowing Gas Cost -\$0.1868 \$0.0509 \$0.2074 \$0.1761 \$0.1300 \$0.1854 -\$0.0277 \$0.0476 -\$0.1164 -\$0.2098 -\$0.2639 -\$0.4052 \$0.0824   25 Gas Withdrawn From Storage Cost \$0.0095 \$0.1064 \$0.1219 \$0.0900 \$0.0674 \$0.0997 \$0.0274 \$0.0289 -\$0.004 \$0.0188 \$0.0073 \$0.0161 \$0.0715   26 Hedged Volumes Delivered Cost \$0.6950 \$0.2147 \$0.1488 \$0.1057 \$0.0907 \$0.0790 \$0.1392 \$0.2255 \$0.3531 \$0.4923 \$0.5293 \$0.4958 \$0.1743   27 Pipeline Demand Cost \$0.5503 \$0.2272 \$0.188 \$0.0196 \$0.0273 \$0.0675 \$0.0997 \$0.1562 \$0.1702 \$0.1783   28 Storage Demand Cost \$0.0000 \$0.0008 \$0.0198 \$0.0110 \$0.0126 \$0.0273 \$0.0000 \$0.000			<u>Oct-16</u>	<u>Nov-16</u>	<u>Dec-16</u>	<u>Jan-17</u>	<u>Feb-17</u>					-			Average
24 Flowing Gas Cost -\$0.1868 \$0.0509 \$0.2074 \$0.1761 \$0.1300 \$0.1854 -\$0.0277 \$0.0476 -\$0.1164 -\$0.2098 -\$0.2639 -\$0.4052 \$0.0824   25 Gas Withdrawn From Storage Cost \$0.0095 \$0.1064 \$0.1219 \$0.0900 \$0.0674 \$0.0297 \$0.0274 \$0.0188 \$0.0073 \$0.0161 \$0.0715   26 Hedged Volumes Delivered Cost \$0.6950 \$0.2147 \$0.1488 \$0.1057 \$0.0997 \$0.0790 \$0.1392 \$0.2505 \$0.3531 \$0.4923 \$0.4958 \$0.1743   27 Pipeline Demand Cost \$0.5503 \$0.2242 \$0.1179 \$0.0840 \$0.0855 \$0.1031 \$0.1156 \$0.2865 \$0.4202 \$0.6524 \$0.7229 \$0.6511 \$0.1783   28 Storage Demand Cost \$0.1360 \$0.0521 \$0.0272 \$0.0188 \$0.0196 \$0.0273 \$0.0675 \$0.0997 \$0.1562 \$0.1702 \$0.1537 \$0.0418   29 Peaking Cost \$0.0000 \$0.0008 \$0.0198 \$0.0198 \$0.0159 \$0.0000 \$0.0000 \$0.0000	23	NYMEX - Actual Settlement	\$0.2952	\$0,2764	\$0.3232	\$0,3930	\$0.3391	\$0.2627	\$0.3175	\$0.3142	\$0.3236	\$0.3067	\$0.2969	\$0.2961	
24 Flowing Gas Cost -\$0.1868 \$0.0509 \$0.2074 \$0.1761 \$0.1300 \$0.1854 -\$0.0277 \$0.0476 -\$0.1164 -\$0.2098 -\$0.2639 -\$0.4052 \$0.0824   25 Gas Withdrawn From Storage Cost \$0.0095 \$0.1064 \$0.1219 \$0.0900 \$0.0674 \$0.0297 \$0.0274 \$0.0188 \$0.0073 \$0.0161 \$0.0715   26 Hedged Volumes Delivered Cost \$0.6950 \$0.2147 \$0.1488 \$0.1057 \$0.0997 \$0.0790 \$0.1392 \$0.2505 \$0.3531 \$0.4923 \$0.4958 \$0.1743   27 Pipeline Demand Cost \$0.5503 \$0.2242 \$0.1179 \$0.0840 \$0.0855 \$0.1031 \$0.1156 \$0.2865 \$0.4202 \$0.6524 \$0.7229 \$0.6511 \$0.1783   28 Storage Demand Cost \$0.1360 \$0.0521 \$0.0272 \$0.0188 \$0.0196 \$0.0273 \$0.0675 \$0.0997 \$0.1562 \$0.1702 \$0.1537 \$0.0418   29 Peaking Cost \$0.0000 \$0.0008 \$0.0198 \$0.0198 \$0.0159 \$0.0000 \$0.0000 \$0.0000		Breakdown of Gross Cost of Gas Per Therm:													
25 Gas Withdrawn From Storage Cost \$0,0095 \$0,1064 \$0,1219 \$0,0900 \$0,0674 \$0,0997 \$0,0274 \$0,0289 \$0,0004 \$0,0188 \$0,0073 \$0,0161 \$0,0715   26 Hedged Volumes Delivered Cost \$0,6950 \$0,2147 \$0,1488 \$0,1057 \$0,0907 \$0,0790 \$0,1392 \$0,2505 \$0,3531 \$0,4923 \$0,4958 \$0,1743   27 Pipeline Demand Cost \$0,5503 \$0,2242 \$0,1179 \$0,0840 \$0,0855 \$0,1031 \$0,1156 \$0,2865 \$0,4220 \$0,6524 \$0,7229 \$0,6511 \$0,1783   28 Storage Demand Cost \$0,1360 \$0,0521 \$0,0272 \$0,0188 \$0,0196 \$0,0273 \$0,0675 \$0,0997 \$0,1562 \$0,1702 \$0,1537 \$0,0418   29 Peaking Cost \$0,0000 \$0,0000 \$0,0098 \$0,0198 \$0,0105 \$0,00159 \$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 \$0,0000 \$0,0000 \$0,0000 \$			-\$0,1868	\$0.0509	\$0.2074	\$0,1761	\$0.1300	\$0,1854	-\$0.0277	\$0,0476	-\$0,1164	-\$0.2098	-\$0,2639	-\$0.4052	
26 Hedged Volumes Delivered Cost \$0,6950 \$0,2147 \$0,1488 \$0,1057 \$0,0907 \$0,0790 \$0,1392 \$0,2505 \$0,3531 \$0,4923 \$0,5293 \$0,4958 \$0,1743   27 Pipeline Demand Cost \$0,5503 \$0,2242 \$0,1179 \$0,0840 \$0,0855 \$0,1031 \$0,1156 \$0,2865 \$0,4220 \$0,6624 \$0,7229 \$0,6511 \$0,1783   28 Storage Demand Cost \$0,1360 \$0,0521 \$0,0272 \$0,0188 \$0,0196 \$0,0273 \$0,0675 \$0,0997 \$0,1562 \$0,1702 \$0,1537 \$0,0418   29 Peaking Cost \$0,0000 \$0,0008 \$0,0198 \$0,0110 \$0,0126 \$0,0159 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0106 \$0,0224 \$0,0235 \$0,0235 \$0,0235 \$0,0125 \$0,0106 \$0,0204 \$0,0235 \$0,0235 \$0,0125 \$0,0106 \$0,0204 \$0,0235 \$0,0125 \$0,0106 \$0,0204 \$0,0235 \$0,0125 \$0,0106 \$0,0204 \$0,0235 \$0,0106 \$0,0106 \$0,0205 \$0,0106			\$0.0095	\$0,1064	\$0.1219	\$0,0900	\$0.0674	\$0.0997	\$0.0274	\$0.0289	-\$0,0004	\$0.0188	\$0,0073	\$0.0161	
27 Pipeline Demand Cost \$0.5503 \$0.2242 \$0.1179 \$0.0840 \$0.0855 \$0.1031 \$0.1156 \$0.2865 \$0.4220 \$0.6624 \$0.7229 \$0.6511 \$0.1783   28 Storage Demand Cost \$0.1360 \$0.0521 \$0.0272 \$0.0188 \$0.0196 \$0.0273 \$0.0675 \$0.0997 \$0.1562 \$0.1702 \$0.1537 \$0.0418   29 Peaking Cost \$0.0000 \$0.0008 \$0.0198 \$0.0110 \$0.0126 \$0.0159 \$0.0000			\$0.6950	\$0,2147	\$0.1488	\$0.1057	\$0,0907	\$0.0790	\$0,1392	\$0.2505	\$0.3531	\$0,4923	\$0.5293	\$0,4958	
28   Storage Demand Cost   \$0,1360   \$0,0521   \$0,0272   \$0,0188   \$0,0196   \$0,0273   \$0,0675   \$0,0997   \$0,1562   \$0,1702   \$0,1537   \$0,0418     29   Peaking Cost   \$0,0000   \$0,0000   \$0,0098   \$0,0198   \$0,0110   \$0,0126   \$0,0000   \$0,0000   \$0,0000   \$0,0000   \$0,0000   \$0,0000   \$0,0000   \$0,0000   \$0,0106     30   Weighted Average Fuel Cost   \$0,0227   \$0,0087   \$0,0110   \$0,0081   \$0,0007   \$0,0106   \$0,0225   \$0,0172   \$0,0104		÷	\$0,5503	\$0.2242	\$0.1179	\$0.0840	\$0.0855	\$0.1031	\$0.1156	\$0.2865	\$0,4220	\$0.6624	\$0.7229	\$0.6511	-
29   Peaking Cost   \$0.0000   \$0.0000   \$0.0098   \$0.0198   \$0.0126   \$0.0159   \$0.0000   \$0.0000   \$0.0000   \$0.0000   \$0.0106     30   Weighted Average Fuel Cost   \$0.0227   \$0.0087   \$0.0110   \$0.0069   \$0.0016   \$0.0204   \$0.0235   \$0.0235   \$0.0172   \$0.0104		•	\$0,1360	\$0.0521	\$0.0272	\$0.0188	\$0.0196	\$0,0240	\$0.0273	\$0.0675	\$0.0997	\$0,1562	\$0,1702	\$0.1537	
30   Weighted Average Fuel Cost   \$0.0227   \$0.0087   \$0.0110   \$0.0088   \$0.0069   \$0.0070   \$0.0160   \$0.0235   \$0.0235   \$0.0172   \$0.0104     30   Weighted Average Fuel Cost   \$0.0227   \$0.0087   \$0.0110   \$0.0088   \$0.0069   \$0.0070   \$0.0160   \$0.0235   \$0.0235   \$0.0172   \$0.0104		•		+	\$0,0098	\$0.0198	\$0.0110	\$0.0126	\$0.0159	\$0,0000	\$0.0000	\$0,0000	\$0,0000	\$0.0000	
		•		+			\$0,0069	\$0.0081	\$0,0070	\$0.0160	\$0.0204	\$0.0235	\$0.0235	\$0,0172	
31 Variable Pipeline Cost $30,0000$ $30,0000$ $30,0000$ $30,0000$ $30,0000$ $30,0000$ $30,0000$	31	Variable Pipeline Cost	\$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
32 Other Costs \$0,0000		•	• • • • • • •				\$0,0000	\$0,0000	\$0.0000	\$0,0000	\$0.0000	\$0,0000	\$0.0000	\$0.0000	
33 Total Gross Cost of Gas Per Therm \$1.2266 \$0.6570 \$0.6440 \$0.5032 \$0.4111 \$0.5119 \$0.3049 \$0.6971 \$0.7784 \$1.1435 \$1.1893 \$0.9287 \$0.5694					\$0.6440	\$0,5032	\$0.4111	\$0.5119	\$0.3049	\$0.6971	\$0.7784	\$1,1435	\$1,1893	\$0.9287	\$0.5694

#### Footnotes:

Flowing Gas Cost = Gas purchased for delivery to city gate during month - not injected into storage

Gas Withdrawn From Storage Cost = Gas withdrawn from storage - includes cost of injection, withdrawl, fees, line loss

Hedged Volumes Delivered Cost = Hedged Volumes delivered to city gate - not injected into storage

Pipeline Demand Cost = Fixed Pipeline costs

Storage Demand Cost = Fixed Storage related costs

Peaking Cost = Peaking Cost includes peaking services, LNG, Propane, etc...

Weighted Average Fuel Cost = Commodity x fuel % for each pipeline - represents portion of gas shipped that is retained by pipeline

Variable Pipeline Cost = Pipeline Charge per therm shipped

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PIVOTAL UTILITY HOLDINGS, Inc. d/b/a ELIZABETHTOWN GAS

Appendix C

# S-ECHART-2

# Elizabethtown Gas Calculation of Net Cost of Gas Per Therm

		Actual	Actual	Actual	Actual	Actual	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Tati-ata	12 Month
		Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Estimate Aug-18	Estimate <u>Sep-18</u>	Weighted Average
		<u></u>	<u></u>	<u>10,00,11</u>	<u>oun xo</u>	<u>1 CD 10</u>	11141-10	<u> Apr-10</u>	<u>Mai-10</u>	<u>041-10</u>	001-10	<u>Aug-10</u>	560-10	Avelage
	Credits, Refunds, & Recoveries Per Therm:													
1	Asset Management Credits	\$0.0000	\$0,0702	\$0.0352	\$0.0000	\$0,0000	\$0.1343	\$0.0000	\$0.0000	\$0.2118	\$0,0000	\$0.0000	\$0.5949	\$0.0448
2	Off-system sales	\$0.0000	\$0.0000	\$0,0000	\$0.0000	\$0,0000	\$0,000	\$0.0000	\$0,0000	\$0,0000	\$0.0000	\$0.0000	\$0.0000	\$0.000
3	Capacity release	\$0.0063	\$0.0026	\$0.0011	\$0,0006	\$0.0007	\$0.0009	\$0,0013	\$0.0030	\$0.0068	\$0,0085	\$0.0090	\$0.0083	\$0.0017
4	On System Credits to BGSS-P Customers	\$0,1504	\$0,1261	<b>\$</b> 0,1064	\$0.1086	\$0.1144	\$0.1047	\$0.0987	\$0,1208	\$0,1691	\$0,1840	\$0.2009	\$0,1874	\$0.1155
5	Supplier Refunds	\$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
6	Gas for Company Use	\$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
7	Line Loss	\$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
8	Transfer to Non BGSS-P Customers	\$0,000	\$0.0000	\$0,0000	\$0,0000	\$0.0000	\$0,0000	\$0,0000	\$0,0000	\$0,0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
9	Over / Under Recovery & Interest to Customers	\$0.6410	\$0.3135	\$0.0758	\$0,1087	-\$0,1776	-\$0.2725	-\$0.1654	\$0.0367	\$0,3623	\$0,8534	\$0.9069	\$0.3179	\$0.0159
10	Other	\$0.0000	\$0.00 <u>00</u>	\$0,0000	\$0.0000	\$0.0000	\$0.0000	\$0,0000	\$0,0000	\$0,0000	\$ <u>0.0000</u>	\$0.0000	\$0.0000	\$0.0000
11	Total Credits, Refunds, & Recoveries per Therm	\$0.7977	\$0.5124	\$0.2185	\$0,2179	-\$0,0625	-\$0.0326	-\$0.0654	\$0.1604	\$0.7499	\$1,0459	\$1.1168	\$1.1084	\$0.1778
12	Total Net Cost Per Therm(Pg 1 Line 22 - Pg 2 Line 11)	\$0.3847	\$0.4343	\$0.4267	\$0.4245	\$0.4683	\$0.4258	\$0.4258	\$0.4258	\$0.4258	\$0.4258	\$0,4258	\$0.4258	\$0.4326
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Weighted
		<u>Oct-16</u>	<u>Nov-16</u>	<u>Dec-16</u>	<u>Jan-17</u>	<u>Feb-17</u>	<u>Mar-17</u>	<u>Apr-17</u>	<u>May-17</u>	<u>Jun-17</u>	<u>Jul-17</u>	<u>Aug-17</u>	<u>Sep-17</u>	Average
	Credits, Refunds, & Recoveries Per Therm:													•
13	Asset Management Credits	\$0,0000	\$0.0994	\$0.0371	\$0,0000	\$0.0000	\$0,0324	\$0,0000	\$0,5188	\$0,1378	\$0,0000	\$0,0000	\$0,2125	\$0,0525
14	Off-system sales	\$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
15	Capacity release	\$0.0055	\$0.0023	\$0.0011	\$0.0008	\$0.0009	\$0,0010	\$0,0012	\$0,0030	\$0.0045	\$0,0069	\$0,0076	\$0.0069	\$0.0018
16	On System Credits to BGSS-P Customers	\$0,2035	\$0,1488	\$0,1586	\$0.1572	\$0.1602	\$0.1493	\$0.1243	\$0.1349	\$0,1410	\$0,1725	\$0,1718	\$0.1672	\$0.1524
17	Supplier Refunds	\$0,0000	\$0,0000	\$0,0000	\$0.0003	\$0,0000	\$0,0000	\$0.0008	\$0.0005	\$0,0030	\$0,0014	\$0,0000	\$0.0000	\$0.0003
18	Gas for Company Use	\$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
19	Line Loss	\$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
20	Transfer to Non BGSS-P Customers	\$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
21	Over / Under Recovery & Interest to Customers	\$0,9393	\$0.0578	\$0.0954	-\$0.0049	-\$0,1015	-\$0.0197	-\$0,1739	-\$0,3075	\$0,1413	\$0.6123	\$0.6621	\$0.1903	\$0.0192
22	Other	\$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
23	Total Credits, Refunds, & Recoveries per Therm	\$1.1483	\$0.3083	<u> </u>	\$0.1533	\$0.0596	\$0,1630	-\$0.0476	\$0.3496	\$0.4277	\$0,7931	\$0,8414	\$0.5769	\$0.2263
20	······································	4		4		÷								
24	Total Net Cost Per Therm (Pg 1 Line 33 - Pg 2 Line 23)	\$0.0784	\$0.3487	\$0,3517	\$0,3499	\$0,3515	\$0.3488	\$0.3524	\$0.3474	\$0,3507	\$0.3504	\$0,3479	<u>\$0.</u> 3517	<u>\$0.3431</u>

#### Footnotes:

On System Credits to BGSS-P Customers = Interuptible Sales, Cogeneration, Electric Plant Transfers, Sayerville, Forked River, Ocean Power, etc ...

Line Loss = Gross Cost of Gas per Therm x Line Loss Percentage

Indicate that Line 12 equals the projected BGSS-P rate or provide a calculation below that reconciles the two numbers.

PIVOTAL UTILITY HOLDINGS, Inc. d/b/a ELIZABETHTOWN GAS

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