

Agenda Date: 9/22/17 Agenda Item: 2F

# 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 www.nj.gov/bpu/

## **ENERGY**

)

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 STIPULATION FOR PROVISIONAL RATES

DOCKET NO. GR17060590

### 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:

On May 31, 2017, Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas ("Elizabethtown" or "Company") filed a petition ("2017 BGSS Petition") with the New Jersey Board of Public Utilities ("Board") seeking approval to modify its Periodic Basic Gas Supply Service ("BGSS"). By this Order, the Board considers a Stipulation for Provisional Rates ("Stipulation") executed by Elizabethtown, the New Jersey Division of Rate Counsel ("Rate Counsel") and Board Staff ("Staff") (collectively, the "Parties") requesting that the Board approve changes in the Periodic BGSS rate on a provisional basis, subject to refund with interest.

### BACKGROUND

Per the generic Order of the New Jersey Board of Public Utilities ("Board") dated January 6, 2003, in Docket No. GX01050304 ("January 2003 BGSS Order"), each of New Jersey's four gas distribution companies ("GDC's"), by June 1, submits to the Board 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 self-implement up to a five percent BGSS rate increase effective December 1, and February 1, after giving the Board and the New Jersey Division of Rate Counsel ("Rate Counsel") one month's advance notice, while BGSS rate decreases may be implemented at any time after five days' notice to the Board and Rate Counsel.

In accordance with the January 2003 BGSS Order, on May 31, 2017, Elizabethtown filed its 2017 BGSS Petition with the Board, seeking approval to increase its Periodic BGSS ("BGSS-P") rate per therm from \$0.3757<sup>1</sup> to \$0.4592 per therm effective October 1, 2017, designed to bring the BGSS balance to approximately zero as of September 30, 2018. Based on the proposed BGSS-P rate at the time of the filing, the monthly bill of a typical residential heating customer using 100 therms would have increased by \$8.35 from \$81.82 to \$90.17, 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 have otherwise been recovered by Elizabethtown under the current BGSS-P rate of \$0.3757 per therm.

The 2017 BGSS Petition further indicated that the Company's current volume forecast, under the BGSS-P rate of \$0.3757 per therm, the Company would collect approximately \$85.5 million before taxes. In contrast, under the proposed BGSS-P rate of \$0.4592 per therm, the Company would collect approximately \$104.6 million before taxes.

Updated data through July 31, 2017 projects an under-recovery balance (including the impact of interest) of \$1,835,872 as of September 30, 2017, compared to the projected under-recovery balance (including the impact of interest) of \$2,770,324 as of September 30, 2017 found in the Company's 2017 BGSS Petition. This update indicates a lower BGSS-P rate per therm than the originally proposed BGSS-P rate which only included actual data through April 2017 and supports a decrease in the provisional BGSS-P rate from the proposed rate of \$0.4592 per therm to a rate of \$0.4551 per therm.

After publication of notices in newspapers of general circulation in the Company's service territory, public hearings were held in Union and Flemington on September 13 and 14, 2017, respectively. One member of the public attended the Flemington public hearing to comment about natural gas supplies and the increase in gas rates.

## **STIPULATION**

Because additional time is needed to complete the review of the proposed rates to ensure that the costs are adequately explained, reconciled and addressed, and the resulting rates are reasonable, on September 18, 2017, the Parties executed the Stipulation. The Stipulation provides the following:<sup>2</sup>

6. The Parties have determined that, pending the conclusion of any further review including at the Office of Administrative Law, if necessary, and discussions among the Parties and a final determination by the Board, and pursuant to <u>N.J.S.A.</u> 48:2-21.1, it would be both reasonable and in the public interest for the Board to authorize Elizabethtown to implement a provisional BGSS-P rate of \$0.4551 per therm to be effective as October 1, 2017, inclusive of all applicable taxes. The BGSS-P rate of \$0.4551 will increase the monthly bill of a typical residential

<sup>&</sup>lt;sup>1</sup> All referenced rates inclusive of all applicable taxes.

<sup>&</sup>lt;sup>2</sup> Although summarized in this Order, the detailed terms of the Stipulation are controlling, subject to the findings and conclusions of this Order.

Agenda Date: 9/22/17 Agenda Item: 2F

heating customer using 100 therms by \$7.94 from \$91.24 to \$98.18, an increase of 8.8%, compared to the Company's rates that will be in effect as of October 1, 2017 pursuant to the Board's July 27, 2017 Order in BPU Docket No. GR16080786. There will be an opportunity for full review of the BGSS-P rate at the Office of Administrative Law, if necessary, and final approval by the Board. In accordance with the Board's January 6, 2003 Order in BPU Docket No. GX01050304, the Company may seek to implement provisional increases in its BGSS-P rate of up to 5% to be effective December 1, 2017 and February 1, 2018, if the Company determines that such increases are necessary to permit it to avoid a BGSS underrecovery balance at September 30, 2018.

- 7. The Company agrees to continue to provide electronically to the Parties in this proceeding, on a monthly basis, the following updated information: 1) the BGSS NYMEX update report (also known as S-E Chart-1, example attached to the Stipulation as Appendix A); and 2) a monthly report showing the calculation of net gas per therm (also known as S-E Chart-2, example attached to the Stipulation as Appendix B). S-E Chart-1 is to be completed using information from the first Friday of the month and submitted to the Parties the following Tuesday. S-E Chart-2 is to be submitted to the Parties on approximately the 15th of the following month.
- 8. The Company will submit tariff sheets in the form attached to the Stipulation as Appendix C within five (5) days of the effective date of the Board's Order approving the Stipulation.

### DISCUSSION AND FINDING

The Board has reviewed the record to date in this proceeding, including the attached Stipulation. The Board <u>FINDS</u> it to be reasonable and in the public interest, and in accordance with the law. Accordingly, the Board <u>HEREBY ADOPTS</u> the Stipulation as its own, as if fully set forth herein.

Accordingly, the Board <u>HEREBY APPROVES</u> on a provisional basis, subject to refund with interest on any over-recovered BGSS balance, Elizabethtown's implementation of an increase in its BGSS-P rate to \$0.4551 per therm for services rendered on and after October 1, 2017.

The Board <u>HEREBY</u> <u>DIRECTS</u> that this matter be transmitted to the OAL for review and evidentiary hearings, if needed.

The Board **<u>FURTHER</u> <u>DIRECTS</u>** the Company to file the appropriate tariff sheets conforming to the terms and conditions of this Order by October 1, 2017.

The Company's costs, including those related to BGSS, remain subject to audit by the Board. This Decision and Order shall not preclude the Board from taking any actions deemed to be appropriate as a result of any such audit.

The effective date of this Order is September 29, 2017.

DATED: 9/22/17

BOARD OF PUBLIC UTILITIES BY:

ARD'S, MRO RIC PRESIDENT

M COMMISSIONER

JOSEPH L. FIORDALISO COMMISSIONER

DIANNE SOLOMON

COMMISSIONER

ATTEST:

IRENE KIM ASB SECRETARY

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

UPENDRA J. CHIVUKULA COMMISSIONER

# IN THE MATTER OF THE PETITION OF PIVOTAL UTILITY HOLDINGS, INC. D/B/A ELIZABETHTOWN GAS TO REVIEW ITS PERIODIC BASIC GAS SUPPLY SERVICE DOCKET NO. GR17060590

## SERVICE LIST

Deborah Franco, Esq. Cullen and Dykman LLP One Riverfront Plaza Newark, NJ 07102 dfranco@cullenanddykman.com

Mary Patricia Keefe, Vice President Regulatory Affairs and Business Support Elizabethtown Gas 520 Green Lane Union, NJ 07083 <u>pkeefe@southernco.com</u>

Stefanie A. Brand, Esq., Director Division of Rate Counsel 140 East Front Street, 4<sup>th</sup> Floor Post Office Box 003 Trenton, NJ 08625-0003 sbrand@rpa.nj.gov

Felicia Thomas-Friel, Esq. Division of Rate Counsel 140 East Front Street, 4<sup>th</sup> Floor Post Office Box 003 Trenton, NJ 08625-0003 fthomas@rpa.nj.gov

Kurt S. Lewandowski, Esq. Division of Rate Counsel 140 East Front Street, 4<sup>th</sup> Floor Post Office Box 003 Trenton, NJ 08625-0003 <u>klewando@rpa.nj.gov</u> Irene Kim Asbury, Esq. Secretary of the Board Board of Public Utilities 44 South Clinton Avenue, 3rd Floor, Suite 314 Post Office Box 350 Trenton, NJ 08625-0350 Irene.asbury@bpu.nj.gov

Thomas Walker, Director Division of Energy Board of Public Utilities 44 South Clinton Avenue, 3rd Floor, Suite 314 Post Office Box 350 Trenton, NJ 08625-0350 thomas.walker@bpu.nj.gov

Stacy Peterson, Assistant Director Division of Energy Board of Public Utilities 44 South Clinton Avenue, 3rd Floor, Suite 314 Post Office Box 350 Trenton, NJ 08625-0350 stacy.peterson@bpu.nj.gov

Beverly Tyndell Division of Energy Board of Public Utilities ~ 44 South Clinton Avenue, 3rd Floor, Suite 314 Post Office Box 350 Trenton, NJ 08625-0350 beverly.tyndell@bpu.nj.gov

Megan Lupo, Esq. Counsel's Office Board of Public Utilities 44 South Clinton Avenue, 3rd Floor, Suite 314 Post Office Box 350 Trenton, NJ 08625-0350 megan.lupo@bpu.nj.gov

Agenda Date: 9/22/17 Agenda Item: 2F

Geoffrey Gersten, DAG Department of Law & Public Safety Division of Law 124 Halsey Street Post Office Box 45029 Newark, NJ 07101-45029 geoffrey.gersten@law.njoag.gov

Alex Moreau, DAG Department of Law & Public Safety Division of Law 124 Halsey Street Post Office Box 45029 Newark, NJ 07101-45029 alex.moreau@law.njoag.gov

Patricia Krogman, DAG Department of Law & Public Safety Division of Law 124 Halsey Street Post Office Box 45029 Newark, NJ 07101-45029 patricia.krogman@law.njoag.gov

BPU DOCKET NO. GR17060590



CULLENandDYKMANLLP

NAME: DEBORAH M. FRANCO, ESQ. Title: Partner Direct Dial: 973.849.9005 DFRANCO@CULLENANDDYMAN.COM One Riverfront Plaza Newark, New Jersey 07102

September 19, 2017

## Via Email and FedEx

Honorable Irene Kim Asbury, Secretary State of New Jersey Board of Public Utilities 44 South Clinton Avenue 3<sup>rd</sup> Floor, Suite 314 P.O. Box 350 Trenton, New Jersey 08625-0350

# 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 Secretary Asbury:

Enclosed for filing in the above proceeding are an original and ten copies of 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. Elizabethtown requests that the Board consider and adopt the Stipulation as expeditiously as possible.

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

#### SERVICE LIST

Mary Patricia Keefe, Esq. Elizabethtown Gas 520 Green Lane Union, NJ 07083 pkeefe@southernco.com

Susan Potanovich Elizabethtown Gas 520 Green Lane Union, NJ 07083 spotanov@southernco.com

Timothy Sherwood Southern Company Gas Ten Peachtree Place Atlanta, GA 30309 tsherwoo@southernco.com

Irene Kim Asbury, Secretary Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton, NJ 08625-0350 Irene.Asbury@bpu.nj.gov

Henry Rich Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton, NJ 08625-0350 Henry.Rich@bpu.nj.gov

Thomas Walker Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton, NJ 08625-0350 Thomas.Walker@bpu.nj.gov

Brian Lipman, Litigation Manager Division of Rate Counsel 140 East Front Street, 4th Floor P.O. Box 003 Trenton, NJ 08625 blipman@rpa.state.nj.us Thomas Kaufmann Elizabethtown Gas 520 Green Lane Union, NJ 07083 tkaufman@southernco.com

Diane Rojek Elizabethtown Gas 520 Green Lane Union, NJ 07083 drojek@southernco.com

Erica McGill, Esq. Southern Company Gas Ten Peachtree Place Atlanta, GA 30309 ermcgill@southernco.com

Oneil Hamilton Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton, NJ 08625-0350 Oneil.Hamilton@bpu.nj.gov

Scott Sumliner Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton, NJ 08625-0350 Scott.Sumliner@bpu.nj.gov

Stefanie A. Brand, Dizector Division of Rate Counsel 140 East Front Street, 4th Floor P.O. Box 003 Trenton, NJ 08625 <u>smassey@rpa.state.nj.us</u>

Felicia Thomas-Friel, Esq. Division of Rate Counsel 140 East Front Street, 4th Floor P.O. Box 003 Trenton, NJ 08625 fthomas@rpa.state.nj.us Leonard J. Willey Elizabethtown Gas 520 Green Lane Union, NJ 07083 Iwilley@southernco.com

David Weaver Southern Company Gas Ten Peachtree Place Atlanta, GA 30309 dweaver@southernco.com

Kenneth Yagelski Southern Company Gas 544 S. Independence Blvd Virginia Beach, VA 23452 kyagelsk@southernco.com

Megan Lupo, Esq. Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton, NJ 08625-0350 Megan.Lupo@bpu.nj.gov

Beverly Tyndell Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton, NJ 08625-0350 Beverly.Tyndell@bpu.nj.gov

Kurt S. Lewandowski, Esq. Division of Rate Counsel 140 East Front Street, 4th Floor P.O. Box 003 Trenton, NJ 08625 klewando@rpa.state.nj.us

Alex Moreau, DAG Department of Law & Public Safety Division of Law 124 Halsey Street P.O. Box 45029 Newark, NJ 07101 Alex.Moreau@law.njoag.gov

### 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

#### SERVICE LIST

Patricia A. Krogman, DAG Department of Law & Public Safety Division of Law 124 Halsey Street P.O. Box 45029 Newark, NJ 07101 Patricia.Krogman@law.njoag.gov

John Rosenkranz North Side Energy 56 Washington Drive Acton, MA 01720 jrosenkranz@verizon.net Deborah Franco, Esq. Cullen and Dykman One Riverfront Plaza Newark, NJ 07102 DFranco@cullenanddykman.com

Robert J. Henkes Henkes Consulting 7 Sunset Road Old Greenwich, CT 06870 rhenkes@optonline.net Kenneth T. Maloney, Esq. Cullen and Dykman 1101 14<sup>th</sup> Street, NW, Suite 750 Washington, DC 20005 <u>kmaloney@cullenanddykman.com</u>

Max Chang Synapse Energy Economics, Inc. 485 Massachusetts Avenue, Suite 2 Cambridge, MA 02139 mchang@synapse-energy.com

# 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 Review Its : Periodic Basic Gas Supply Service Rate :

BPU Docket No. GR17060590

STIPULATION REGARDING PROVISIONAL BGSS RATES

## **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 (Christopher S. Porrino, Attorney General of New Jersey)

1. On May 31, 2017, Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas, ("Elizabethtown" or "Company") filed a Petition ("May 31 Petition") with the New Jersey Board of Public Utilities ("Board" or "BPU") in BPU Docket No. GR17060590 to revise its Periodic Basic Gas Supply Service ("BGSS-P") rate for the period October 1, 2017 through September 30, 2018.

2. In its May 31 Petition, Elizabethtown proposed to increase its current BGSS-P rate from \$0.3757 per therm inclusive of all applicable taxes to \$0.4592 per therm inclusive of all applicable taxes to become effective October 1, 2017. 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 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 Elizabethtown under the current BGSS-P rate of \$0.3757 per therm. The May 31 Petition in Schedule LJW-3 further indicated that, pursuant to 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 \$85.5 million before taxes.

3. Updated data through July 31, 2017 projects an under-recovery balance (including the impact of interest) of \$1,835,872 as of September 30, 2017, compared to the projected under-recovery balance (including the impact of interest) of \$2,770,324 as of September 30, 2017 found in the Company's Petition. This update indicates a lower BGSS-P rate per therm than the originally proposed BGSS-P rate which only included actual data through April 2017 and supports a decrease in the provisional BGSS-P rate from the proposed rate of \$0.4551 per therm.

4. Notices setting forth the requested rate change and 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 within 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.

5. Elizabethtown, the Board's Staff and the New Jersey Division of Rate Counsel ("Rate Counsel") are the only parties to this proceeding (collectively "Parties"). The Parties agree that additional time is needed to complete a comprehensive review of the Company's filing and that permitting a BGSS-P rate to become effective on a provisional basis is reasonable to permit Elizabethtown to timely collect BGSS costs and to mitigate the impact of further potential increases in the underrecovery balance as additional review of the Company's filing takes place.

6. The Parties have determined and hereby STIPULATE AND AGREE that, pending the conclusion of any further review including at the Office of Administrative Law, if necessary, and discussions among the Parties and a final determination by the Board, and pursuant to N.J.S.A. 48:2-21.1, it would be both reasonable and in the public interest for the Board to authorize Elizabethtown to implement a provisional BGSS- P rate of \$0.4551 per therm to be effective as October 1, 2017, inclusive of all applicable taxes. The BGSS-P rate of \$0.4551 will increase 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%, compared to the Company's rates that will be in effect as of October 1, 2017 pursuant to the Board's July 26, 2017 order in BPU Docket No. GR16080786.. There will be an opportunity for full review of the BGSS-P rate at the Office of Administrative Law, if necessary, and final approval by the Board. In accordance with the Board's January 6, 2003 Order in BPU Docket No. GX01050304, the Company may seek to implement provisional increases in its BGSS-P rate of up to 5% to be effective December 1, 2017 and February 1, 2018, if the Company determines that such

increases are necessary to permit it to avoid a BGSS underrecovery balance at September 30, 2018.

7. The Company agrees to continue to provide electronically to the Parties in this proceeding, on a monthly basis, the following updated information: 1) the BGSS NYMEX update report (also known as S-E Chart-1, example attached as Appendix A); and 2) a monthly report showing the calculation of net gas per therm (also known as S-E Chart-2, example attached as Appendix B). S-E Chart-1 is to be completed using information from the first Friday of the month and submitted to the Parties the following Tuesday. S-E Chart-2 is to be submitted to the Parties on approximately the 15<sup>th</sup> of the following month.

8. The Company will submit tariff sheets in the form attached as Appendix C within five (5) days of the effective date of the Board's Order approving this Stipulation.

9. 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.

10. 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.

11. 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.

12. The Parties further acknowledge that a Board Order approving this Stipulation will become effective upon the service of said Board Order, or upon such date after the service thereof as the Board may specify, in accordance with N.J.S.A. 48:2-40.

WHEREFORE, the Parties hereto do respectfully submit this Stipulation to the Board of Public Utilities and request 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: By: Mary Patricia Keefe

Vice President, External Affairs and Business Support STEFANIE A. BRAND DIRECTOR, DIVISION OF RATE COUNSEL

Kurf S. Lewandowski, Esq., Assistant Deputy Rate Counsel.

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

By:

Alex Moreau Deputy Attorney General

Dated: September 18, 2017

## S-ECHART-1 BGSS NYMEX Update Report as of September 01, 2017

		а		b		c = b - a		d	е	f = d - e	g = c x f
·		BGSS		NYMEX		Incr/		Sales	Hedged	Unhedged	Change in
<u>Month</u>		note below)	<u>(9/1</u> /	2017 Close)		<u>(Decr)</u>	<u>% Chg</u>	forecast (dths)	<u>volume (dths)</u>	volume (dths)	value unhedged
Oct-16	\$	2.459	\$	2.952	\$	0.493		1,355,844	671,200	684,644	\$337,529
Nov-16	\$	2.672	\$	2.764	\$	0.092		2,592,122	1,880,648	711,474	\$65,456
Dec-16	\$	2.965	\$	3.232	\$	0.267		4,413,447	2,852,175	1,561,272	\$416,860
Jan-17	\$	3.096	\$	3.930	\$	0.834		5,223,578	3,744,021	1,479,557	\$1,233,950
Feb-17	\$	3.089	\$	3.391	\$	0.302		4,015,189	3,088,265	926,924	\$279,931
Mar-17	\$	3.039	\$	2.627	\$	(0.412)		3,249,406	2,117,209	1,132,197	(\$466,465)
Apr-17	\$	2.850	\$	3.175	\$	0.325		1,644,797	774,100	870,697	\$282,977
May-17	\$	2.835	\$	3.142	\$	0.307		989,275	472,400	516,875	\$158,681
Jun-17	\$	. 2.865	\$	3.236	\$	0.371		688,412	313,100	375,312	\$139,241
Jul-17	\$	2.900	\$	3.067	\$	0.167		530,601	240,900	289,701	\$48,380
Aug-17	\$	2.909	\$	2.969	\$	0.060		530,507	245,300	285,207	\$17,112
<u>Sep-17</u>	\$	2.905	\$	2.961	\$	0.056		559,072	280,600	278,472	\$15,594
	•		-								
Avg Total \$	\$	2.882	\$	3.121	\$	0.239	8.3%	25,792,250	16,679,918	<u>9,112,332</u>	\$2,529,246
Oct-17	¢	0.000	æ	2.070	•	0.407		4 074 070			
Nov-17	\$ ¢	2.933 3.374	\$	3.070	\$	0.137		1,371,052	659,600	711,452	\$97,469
Dec-17	\$		\$	3.136	\$	(0.238)		2,621,145	1,710,648	910,497	(\$216,698)
	\$	3.546	\$	3.270	\$	(0.276)		4,462,786	2,912,175	1,550,611	(\$427,969)
Jan-18	\$	3.681	\$	3.366	\$	(0.315)		5,282,565	3,704,021	1,578,544	(\$497,241)
Feb-18	\$	3.661	\$	3.361	\$	(0.300)		4,060,702	3,008,265	1,052,437	(\$315,731)
Mar-18	\$	3.600	\$	3.318	\$	(0.282)		3,286,305	2,167,209	1,119,096	(\$315,585)
Apr-18	\$	3.300	\$	2.943	\$	(0.357)		1,663,137	795,900	867,237	(\$309,604)
May-18	\$	3.302	\$	2.902	\$	(0.400)		1,000,330	394,300	606,030	(\$242,412)
Jun-18	\$	3.334	\$	2.925	\$	(0.409)		696,131	238,400	457,731	(\$187,212)
Jul-18	\$	3.370	\$	2.949	\$	(0.421)		536,623	244,300	292,323	(\$123,068)
Aug-18	\$	3.381	\$	2.952	\$	(0.429)		536,527	244,200	292,327	(\$125,408)
<u>Sep-18</u>	\$	3.374	\$	2.928	\$	(0.446)		565,393	285,200	280,193	(\$124,966)
Avg Total \$	\$	<u>3.405</u>	\$	3.093	\$	(0.311)	-9.1%	26,082,696	16,364,218	9,718,478	(\$2,788,426)

#### Footnotes:

a : Nymex rate used for annual BGSS periodic rate filing; Oct-2016 to Sept-2018 based on 05/10/2016 Close.

b: Nymex rate as of date of the report

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

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

S-ECHART-1

10.16 1

# S-ECHART-2

# Elizabethtown Gas Calculation of Net Cost of Gas Per Therm

Actual         Actual<															12 Month
1         NYMEX - 05/10/16 - Included in BGSS Filling         50.2459         50.2459         50.2672         50.3096         50.3099         50.3039         50.2850         50.2855         50.2905         50.2905           2         NYMEX - Actual Settlement         50.2952         50.2774         50.3222         50.3097         50.2877         50.3175         50.3175         50.3142         50.3265         50.2905         50.2905           13         Flowing Gas Cost         -50.1868         50.0995         50.1761         50.1300         50.1854         -50.0277         50.0474         50.0298         -50.044         50.0910         50.0775         50.0184         50.0298         50.0494         50.0910         50.0775         50.0182         50.0298         50.0494         50.0910         50.0775         50.0182         50.0298         50.0191         50.0775         50.0182         50.0298         50.0191         50.0775         50.0182         50.0298         50.0191         50.0775         50.0185         50.0205         50.1564         50.0298         50.0191         50.0175         50.0001         50.0000         50.0000         50.0000         50.0000         50.0000         50.0000         50.0000         50.0000         50.0000         50.0000         50.0000			Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	Weighted
2         NYMEX - Actual Settlement         \$0.2952         \$0.2764         \$0.3323         \$0.3930         \$0.3917         \$0.3175         \$0.3162         \$0.3077         \$0.2963         \$0.2961           Breakdown of Gross Cost of Gas Per Therm:         13         Flowing Gas Cost         50.1868         \$0.0509         \$0.2071         \$0.1761         \$0.1001         \$0.0277         \$0.0474         \$0.0289         \$0.00073         \$0.0494         \$0.0910           13         Flowing Gas Cost         \$0.0509         \$0.2119         \$0.0900         \$0.0674         \$0.0289         \$0.0027         \$0.0494         \$0.0918         \$0.0075         \$0.0715           14         Gas Withdrawn From Storage Cost         \$0.0503         \$0.2242         \$0.0116         \$0.0277         \$0.0474         \$0.0289         \$0.0273         \$0.0275         \$0.0305         \$0.0118         \$0.1761         \$0.0715           15         Hedged Volumes Delivered Cost         \$0.0503         \$0.0272         \$0.0118         \$0.0272         \$0.0185         \$0.0273         \$0.0275         \$0.0275         \$0.0275         \$0.0275         \$0.0275         \$0.0275         \$0.0275         \$0.0000         \$0.0000         \$0.0000         \$0.0000         \$0.0000         \$0.00005         \$0.0000         \$0.00			<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>	Sep-17	Average
Breakdown of Gross Cost of Gas Per Therm:         Source State         Source State </td <td></td> <td>5</td> <td>\$0.2459</td> <td>\$0.2672</td> <td>\$0.2965</td> <td>\$0.3096</td> <td>\$0.3089</td> <td>\$0.3039</td> <td>\$0.2850</td> <td>\$0.2835</td> <td>\$0.2865</td> <td>\$0.2900</td> <td>\$0.2909</td> <td>\$0.2905</td> <td></td>		5	\$0.2459	\$0.2672	\$0.2965	\$0.3096	\$0.3089	\$0.3039	\$0.2850	\$0.2835	\$0.2865	\$0.2900	\$0.2909	\$0.2905	
13       Flowing Gas Cost       -\$0.1868       \$0.0509       \$0.2074       \$0.1761       \$0.1300       \$0.1854       -\$0.0277       \$0.0476       -\$0.1164       -\$0.2039       -\$0.0494       \$0.0910         14       Gas Withdrawn From Storage Cost       \$0.0005       \$0.0074       \$0.0274       \$0.0274       \$0.0274       \$0.02076       \$0.0004       \$0.0188       \$0.0075       \$0.0076       \$0.0715         15       Hedged Volumes Delivered Cost       \$0.503       \$0.2242       \$0.1701       \$0.0720       \$0.0725       \$0.0273       \$0.0426       \$0.0423       \$0.4223       \$0.4223       \$0.4223       \$0.4223       \$0.4223       \$0.0273       \$0.0005       \$0.0000	2	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	
14       Gas Withdrawn From Storage Cost       \$0,0095       \$0,00674       \$0,0097       \$0,0274       \$0,0295       \$0,0004       \$0,0175       \$0,0076       \$0,00715         15       Hedged Volumes Delivered Cost       \$0,0995       \$0,0217       \$0,0997       \$0,0274       \$0,0295       \$0,0204       \$0,0175       \$0,0076       \$0,07715         15       Hedged Volumes Delivered Cost       \$0,0995       \$0,0217       \$0,0997       \$0,01790       \$0,01790       \$0,01725       \$0,0229       \$0,0423       \$0,0293       \$0,0293       \$0,0293       \$0,0293       \$0,0293       \$0,01715       \$0,01715       \$0,0175       \$0,01715       \$0,0125       \$0,01725       \$0,01715       \$0,0175       \$0,0179       \$0,0179       \$0,0179       \$0,0175       \$0,0175       \$0,0179       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0175       \$0,0167       \$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       \$0,00000       \$0,0000       \$0,		Breakdown of Gross Cost of Gas Per Therm:													
14       Gas Withdrawn From Storage Cost       \$0,0095       \$0,1064       \$0,1295       \$0,0074       \$0,0289       \$0,00188       \$0,0073       \$0,0075       \$0,0715         15       Hedged Volumes Delivered Cost       \$0,0595       \$0,1164       \$0,0097       \$0,0097       \$0,0199       \$0,0285       \$0,0219       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0220       \$0,0217       \$0,0175       \$0,0274       \$0,0220       \$0,0210       \$0,0220       \$0,0217       \$0,0216       \$0,0220       \$0,0207       \$0,0160       \$0,0000       \$0,0	13	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	-\$0.0494	\$0.0910
15       Hedged Volumes Delivered Cost       \$0.6950       \$0.2147       \$0.1488       \$0.1057       \$0.0790       \$0.1392       \$0.2350       \$0.3331       \$0.4923       \$0.5293       \$0.4279       \$0.1718         16       Pipeline Demand Cost       \$0.503       \$0.2242       \$0.1179       \$0.0840       \$0.0855       \$0.1031       \$0.1156       \$0.2865       \$0.4220       \$0.6079       \$0.152       \$0.7729       \$0.1848       \$0.1718         16       Pipeline Demand Cost       \$0.0001       \$0.0002       \$0.0017       \$0.0855       \$0.0135       \$0.0157       \$0.0097       \$0.1522       \$0.0000	14	Gas Withdrawn From Storage Cost	\$0.0095	\$0.1064	\$0.1219	\$0.0900	\$0.0674	\$0.0997	\$0.0274	\$0.0289		\$0.0188	\$0.0073		• • • • • • • •
16       Pipeline Demand Cost       \$0.5503       \$0.2422       \$0.1179       \$0.0840       \$0.0855       \$0.1031       \$0.1156       \$0.2865       \$0.4220       \$0.6264       \$0.7229       \$0.8184       \$0.1795         17       Storage Demand Cost       \$0.0000       \$0.	15	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	\$0.4279	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	16	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	\$0.8184	\$0.1795
19       Weighted Average Fuel Cost       \$0.0227       \$0.0087       \$0.0110       \$0.0088       \$0.0007       \$0.0100       \$0.0204       \$0.0235       \$0.0235       \$0.0235       \$0.0208       \$0.0009         20       Variable Pipeline Cost       \$0.0000	17	Storage Demand Cost	\$0.1360	\$0.0521	\$0.0272	\$0.0188	\$0.0196	\$0.0240	\$0.0273	\$0.0675	\$0.0997	\$0.1562	\$0.1702	\$0.1699	\$0.0416
20       Variable Pipeline Cost Other Costs       \$0.0000	18	Peaking 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	\$0.0107
21       Other Costs       S0.0000       \$0.0000	19	Weighted Average Fuel Cost	\$0.0227	\$0.0087	\$0.0110	\$0.0088	\$0.0069	\$0.0081	\$0.0070	\$0.0160	\$0.0204	\$0.0235	\$0.0235	\$0.0208	\$0.0104
22       Total Gross Cost of Gas Per Therm $$11226$ $$0.657$ $$0.644$ $$0.503$ $$0.4111$ $$0.5119$ $$0.3049$ $$0.6971$ $$0.7784$ $$1.1355$ $$1.1893$ $$1.5510$ $$0.5794$ 23       NYMEX - Actual Settlement       Actual       Actual </td <td>20</td> <td>Variable Pipeline Cost</td> <td>\$0.0000</td> <td>\$0.1558</td> <td>\$0.0029</td>	20	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	\$0.1558	\$0.0029
Actual	21	Other Costs	\$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
Oct-15         Nov-15         Dec-15         Jan-16         Feb-16         Mar-16         Apr-16         May-16         Jun-16         Jun-16         Aug-16         Sep-16         Aug-16         Sep-16         Sep-16         Average           23         NYMEX - Actual Settlement         \$0.2563         \$0.2033         \$0.2206         \$0.2372         \$0.2189         \$0.1711         \$0.1903         \$0.1963         \$0.2917         \$0.2672         \$0.2853           Ereakdown of Gross Cost of Gas Per Therm:         Flowing Gas Cost         -\$0.0391         -\$0.0110         -\$0.0807         \$0.1699         \$0.1041         \$0.0453         -\$0.0041         -\$0.2244         -\$0.1466         -\$0.3450         -\$0.2988         \$0.0188           25         Gas Withdrawn From Storage Cost         \$0.0287         \$0.1303         \$0.1465         \$0.1228         \$0.0777         \$0.0724         \$0.0114         \$0.0169         \$0.0120         \$0.0147         \$0.0192         \$0.0783           26         Hedged Volumes Delivered Cost         \$0.7608         \$0.2563         \$0.0374         \$0.0250         \$0.0172         \$0.0299         \$0.4504         \$0.6729         \$0.7582         \$0.7153         \$0.0938         \$0.2299         \$0.4504         \$0.6729         \$0.7582         \$0.7158	22	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	\$1.5510	\$0.5794
Oct-15         Nov-15         Dec-15         Jan-16         Feb-16         Mar-16         Apr-16         May-16         Jul-16         Aug-16         Sep-16         Average           23         NYMEX - Actual Settlement         \$0.2563         \$0.2033         \$0.2206         \$0.2372         \$0.2189         \$0.1711         \$0.1903         \$0.1963         \$0.2917         \$0.2672         \$0.2853           Ereakdown of Gross Cost of Gas Per Therm:         Stand Society         \$0.091         -\$0.0110         -\$0.0807         \$0.1699         \$0.1041         \$0.0453         -\$0.0073         \$0.0169         \$0.0120         \$0.0166         -\$0.23450         -\$0.2988         \$0.0188           25         Gas Withdrawn From Storage Cost         \$0.0287         \$0.1465         \$0.1228         \$0.0777         \$0.0724         \$0.0134         \$0.0169         \$0.0147         \$0.0192         \$0.0753           26         Hedged Volumes Delivered Cost         \$0.7608         \$0.2676         \$0.1158         \$0.0287         \$0.0127         \$0.0761         \$0.0998         \$0.1445         \$0.2392         \$0.6502         \$0.6611         \$0.6775         \$0.2335           27         Pipeline Demand Cost         \$0.4815         \$0.2576         \$0.1158         \$0.0250         \$0.0172			-												
Oct-15         Nov-15         Dec-15         Jan-16         Feb-16         Mar-16         Apr-16         May-16         Jul-16         Aug-16         Sep-16         Average           23         NYMEX - Actual Settlement         \$0.2563         \$0.2033         \$0.2206         \$0.2372         \$0.2189         \$0.1711         \$0.1903         \$0.1963         \$0.2917         \$0.2672         \$0.2853           Ereakdown of Gross Cost of Gas Per Therm:         Stand Society         \$0.091         -\$0.0110         -\$0.0807         \$0.1699         \$0.1041         \$0.0453         -\$0.0073         \$0.0169         \$0.0120         \$0.0166         -\$0.23450         -\$0.2988         \$0.0188           25         Gas Withdrawn From Storage Cost         \$0.0287         \$0.1465         \$0.1228         \$0.0777         \$0.0724         \$0.0134         \$0.0169         \$0.0147         \$0.0192         \$0.0753           26         Hedged Volumes Delivered Cost         \$0.7608         \$0.2676         \$0.1158         \$0.0287         \$0.0127         \$0.0761         \$0.0998         \$0.1445         \$0.2392         \$0.6502         \$0.6611         \$0.6775         \$0.2335           27         Pipeline Demand Cost         \$0.4815         \$0.2576         \$0.1158         \$0.0250         \$0.0172															
23 NYMEX - Actual Settlement       \$0.2563       \$0.2033       \$0.2206       \$0.2372       \$0.2189       \$0.1711       \$0.1903       \$0.1953       \$0.2917       \$0.2672       \$0.2853         Breakdown of Gross Cost of Gas Per Therm:         24       Flowing Gas Cost       -\$0.0391       -\$0.0110       -\$0.0807       \$0.1699       \$0.1041       \$0.0453       -\$0.0073       \$0.0041       -\$0.2244       -\$0.1466       -\$0.2988       \$0.0188         25       Gas Withdrawn From Storage Cost       \$0.0287       \$0.1303       \$0.1465       \$0.1228       \$0.0777       \$0.0724       \$0.0134       \$0.0169       \$0.0147       \$0.0192       \$0.0753         26       Hedged Volumes Delivered Cost       \$0.7608       \$0.2576       \$0.1548       \$0.0753       \$0.0071       \$0.0622       \$0.6611       \$0.6745       \$0.2335         27       Pipeline Demand Cost       \$0.4815       \$0.2576       \$0.1548       \$0.1127       \$0.0761       \$0.0998       \$0.1445       \$0.2439       \$0.4504       \$0.6729       \$0.7582       \$0.7415       \$0.1931         28       Storage Demand Cost       \$0.0115       \$0.0563       \$0.0374       \$0.0250       \$0.0172       \$0.0227       \$0.0394       \$0.0579       \$0.1711       \$		· .													
Breakdown of Gross Cost of Gas Per Therm:           24         Flowing Gas Cost         -\$0.0391         -\$0.0110         -\$0.0807         \$0.1699         \$0.1041         \$0.0453         -\$0.0073         \$0.0041         -\$0.2244         -\$0.1466         -\$0.3450         -\$0.2988         \$0.0188           25         Gas Withdrawn From Storage Cost         \$0.0287         \$0.1303         \$0.1465         \$0.1228         \$0.0777         \$0.0724         \$0.0169         \$0.0160         \$0.0147         \$0.0192         \$0.0753           26         Hedged Volumes Delivered Cost         \$0.7608         \$0.3663         \$0.2466         \$0.1758         \$0.0938         \$0.2209         \$0.2632         \$0.4503         \$0.6611         \$0.6745         \$0.2335           27         Pipeline Demand Cost         \$0.4815         \$0.2576         \$0.1548         \$0.1127         \$0.0761         \$0.0998         \$0.1445         \$0.2439         \$0.4504         \$0.6729         \$0.7582         \$0.7415         \$0.1931           28         Storage Demand Cost         \$0.1115         \$0.0563         \$0.0374         \$0.0227         \$0.0394         \$0.0579         \$0.1071         \$0.1576         \$0.1781         \$0.1660         \$0.0451           29         Peaking Cost         \$0.0300		· .						Actual	Actual	Actual	Actual	Actual	Actual	Actual	Weighted
24       Flowing Gas Cost       -\$0.0391       -\$0.0110       -\$0.0807       \$0.1699       \$0.1041       \$0.0453       -\$0.0073       \$0.0041       -\$0.2244       -\$0.1466       -\$0.3450       -\$0.2988       \$0.0188         25       Gas Withdrawn From Storage Cost       \$0.0287       \$0.1303       \$0.1465       \$0.1228       \$0.0777       \$0.0724       \$0.0134       \$0.0169       \$0.0160       \$0.0147       \$0.0192       \$0.0753         26       Hedged Volumes Delivered Cost       \$0.7608       \$0.3663       \$0.2466       \$0.1758       \$0.0938       \$0.2209       \$0.2522       \$0.4503       \$0.6611       \$0.6745       \$0.2335         27       Pipeline Demand Cost       \$0.4815       \$0.2576       \$0.1548       \$0.1127       \$0.0761       \$0.0998       \$0.1445       \$0.2439       \$0.4504       \$0.6729       \$0.7582       \$0.7415       \$0.1931         28       Storage Demand Cost       \$0.1115       \$0.0563       \$0.0374       \$0.0257       \$0.0127       \$0.0277       \$0.0394       \$0.0579       \$0.1071       \$0.1576       \$0.1781       \$0.1660       \$0.0451         29       Peaking Cost       \$0.0000       \$0.0001       \$0.0163       \$0.0043       \$0.0022       \$0.0063       \$0.0004															-
25       Gas Withdrawn From Storage Cost       \$0.0287       \$0.1303       \$0.1465       \$0.1228       \$0.0777       \$0.0124       \$0.0169       \$0.0160       \$0.0167       \$0.0192       \$0.0753         26       Hedged Volumes Delivered Cost       \$0.7608       \$0.3663       \$0.2466       \$0.1758       \$0.0938       \$0.2209       \$0.2632       \$0.4503       \$0.6022       \$0.6611       \$0.6745       \$0.2335         27       Pipeline Demand Cost       \$0.4815       \$0.2576       \$0.1548       \$0.1127       \$0.0761       \$0.0998       \$0.1445       \$0.239       \$0.4504       \$0.6729       \$0.7582       \$0.7415       \$0.1931         28       Storage Demand Cost       \$0.1115       \$0.0563       \$0.0374       \$0.0250       \$0.0127       \$0.0227       \$0.0394       \$0.0579       \$0.1071       \$0.1576       \$0.1781       \$0.1660       \$0.0451         29       Peaking Cost       \$0.0000       \$0.0000       \$0.0001       \$0.0163       \$0.0043       \$0.0092       \$0.0063       \$0.0044       \$0.0000       \$0.0000       \$0.00058         30       Weighted Average Fuel Cost       \$0.0300       \$0.0000       \$0.0000       \$0.0000       \$0.0000       \$0.0000       \$0.0000       \$0.0000       \$0.0000	23	NYMEX - Actual Settlement	<u>Oct-15</u>	<u>Nov-15</u>	Dec-15	<u>Jan-16</u>	Feb-16	<u>Mar-16</u>	<u>Apr-16</u>	<u>May-16</u>	<u>Jun-16</u>	<u>Jul-16</u>	<u>Aug-16</u>	<u>Sep-16</u>	-
26       Hedged Volumes Delivered Cost       \$0.7608       \$0.3663       \$0.2466       \$0.1758       \$0.0858       \$0.0938       \$0.2209       \$0.4503       \$0.6022       \$0.6611       \$0.6745       \$0.2335         27       Pipeline Demand Cost       \$0.4815       \$0.2576       \$0.1548       \$0.1127       \$0.0761       \$0.0998       \$0.1445       \$0.239       \$0.4504       \$0.6729       \$0.7582       \$0.7415       \$0.1931         28       Storage Demand Cost       \$0.1115       \$0.0563       \$0.0374       \$0.0250       \$0.0172       \$0.0227       \$0.0394       \$0.0579       \$0.1071       \$0.1576       \$0.1781       \$0.1660       \$0.0451         29       Peaking Cost       \$0.0000       \$0.0000       \$0.0001       \$0.0163       \$0.0043       \$0.0092       \$0.0063       \$0.0044       \$0.0000       \$0.0000       \$0.00058         30       Weighted Average Fuel Cost       \$0.0340       \$0.0107       \$0.0053       \$0.0005       \$0.0000			<u>Oct-15</u>	<u>Nov-15</u>	Dec-15	<u>Jan-16</u>	Feb-16	<u>Mar-16</u>	<u>Apr-16</u>	<u>May-16</u>	<u>Jun-16</u>	<u>Jul-16</u>	<u>Aug-16</u>	<u>Sep-16</u>	-
27       Pipeline Demand Cost       \$0.4815       \$0.2576       \$0.1548       \$0.1127       \$0.0761       \$0.0998       \$0.1445       \$0.2439       \$0.4504       \$0.6729       \$0.7582       \$0.7415       \$0.1931         28       Storage Demand Cost       \$0.1115       \$0.0563       \$0.0374       \$0.0250       \$0.0172       \$0.0227       \$0.0394       \$0.0579       \$0.1071       \$0.1576       \$0.1781       \$0.1660       \$0.0451         29       Peaking Cost       \$0.0000       \$0.0000       \$0.0001       \$0.0163       \$0.0043       \$0.0092       \$0.0063       \$0.0044       \$0.0000       \$0.0000       \$0.00058         30       Weighted Average Fuel Cost       \$0.0340       \$0.0107       \$0.0053       \$0.0000		Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost	<u>Oct-15</u> \$0.2563	<u>Nov-15</u> \$0.2033	<u>Dec-15</u> \$0.2206	<u>Jan-16</u> \$0.2372	<u>Feb-16</u> \$0.2189	<u>Mar-16</u> \$0.1711	<u>Apr-16</u> \$0.1903	<u>May-16</u> \$0.1995	<u>Jun-16</u> \$0.1963	<u>Jul-16</u> \$0.2917	<u>Aug-16</u> \$0.2672	<u>Sep-16</u> \$0.2853	Average
28       Storage Demand Cost       \$0.1115       \$0.0563       \$0.0374       \$0.0250       \$0.0172       \$0.0394       \$0.0579       \$0.1071       \$0.1576       \$0.1781       \$0.1660       \$0.0451         29       Peaking Cost       \$0.0000       \$0.0000       \$0.0001       \$0.0163       \$0.0043       \$0.0092       \$0.0063       \$0.0044       \$0.0000       \$0.0000       \$0.0000       \$0.0000       \$0.0058         30       Weighted Average Fuel Cost       \$0.0340       \$0.0177       \$0.0533       \$0.0155       \$0.0058       \$0.0042       \$0.0086       \$0.0119       \$0.0144       \$0.0283       \$0.0216       \$0.0097         31       Variable Pipeline Cost       \$0.0000	24	Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost	<u>Oct-15</u> \$0.2563 -\$0.0391	<u>Nov-15</u> \$0.2033 -\$0.0110	<u>Dec-15</u> \$0.2206 -\$0.0807	<u>Jan-16</u> \$0.2372 \$0.1699	<u>Feb-16</u> \$0.2189 \$0.1041	<u>Mar-16</u> \$0.1711 \$0.0453	<u>Apr-16</u> \$0.1903 -\$0.0073	<u>May-16</u> \$0.1995 \$0.0041	<u>Jun-16</u> \$0.1963 -\$0.2244	<u>Jul-16</u> \$0.2917 -\$0.1466	<u>Aug-16</u> \$0.2672 -\$0.3450	<u>Sep-16</u> \$0.2853 -\$0.2988	<u>Average</u> \$0.0188
29       Peaking Cost       \$0.0000       \$0.0000       \$0.0001       \$0.0163       \$0.0043       \$0.0092       \$0.0063       \$0.0044       \$0.0000       \$0.0000       \$0.0000       \$0.0058         30       Weighted Average Fuel Cost       \$0.0340       \$0.0107       \$0.0053       \$0.0155       \$0.0058       \$0.0042       \$0.0086       \$0.0119       \$0.0144       \$0.0283       \$0.0216       \$0.0097         31       Variable Pipeline Cost       \$0.0000 <t< td=""><td>24 25</td><td>Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost Gas Withdrawn From Storage Cost</td><td><u>Oct-15</u> \$0.2563 -\$0.0391 \$0.0287</td><td><u>Nov-15</u> \$0.2033 -\$0.0110 \$0.1303</td><td><u>Dec-15</u> \$0.2206 -\$0.0807 \$0.1465</td><td><u>Jan-16</u> \$0.2372 \$0.1699 \$0.1228</td><td><u>Feb-16</u> \$0.2189 \$0.1041 \$0.0777</td><td><u>Mar-16</u> \$0.1711 \$0.0453 \$0.0724</td><td><u>Apr-16</u> \$0.1903 -\$0.0073 \$0.0134</td><td><u>May-16</u> \$0.1995 \$0.0041 \$0.0169</td><td><u>Jun-16</u> \$0.1963 -\$0.2244 \$0.0120</td><td><u>Jul-16</u> \$0.2917 -\$0.1466 \$0.0160</td><td><u>Aug-16</u> \$0.2672 -\$0.3450 \$0.0147</td><td><u>Sep-16</u> \$0.2853 -\$0.2988 \$0.0192</td><td><u>Average</u> \$0.0188 \$0.0753</td></t<>	24 25	Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost Gas Withdrawn From Storage Cost	<u>Oct-15</u> \$0.2563 -\$0.0391 \$0.0287	<u>Nov-15</u> \$0.2033 -\$0.0110 \$0.1303	<u>Dec-15</u> \$0.2206 -\$0.0807 \$0.1465	<u>Jan-16</u> \$0.2372 \$0.1699 \$0.1228	<u>Feb-16</u> \$0.2189 \$0.1041 \$0.0777	<u>Mar-16</u> \$0.1711 \$0.0453 \$0.0724	<u>Apr-16</u> \$0.1903 -\$0.0073 \$0.0134	<u>May-16</u> \$0.1995 \$0.0041 \$0.0169	<u>Jun-16</u> \$0.1963 -\$0.2244 \$0.0120	<u>Jul-16</u> \$0.2917 -\$0.1466 \$0.0160	<u>Aug-16</u> \$0.2672 -\$0.3450 \$0.0147	<u>Sep-16</u> \$0.2853 -\$0.2988 \$0.0192	<u>Average</u> \$0.0188 \$0.0753
30       Weighted Average Fuel Cost       \$0.0340       \$0.0107       \$0.0053       \$0.0105       \$0.0058       \$0.0042       \$0.0086       \$0.0119       \$0.0144       \$0.0283       \$0.0216       \$0.0097         31       Variable Pipeline Cost       \$0.0000	24 25 26	Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost Gas Withdrawn From Storage Cost Hedged Volumes Delivered Cost	<u>Oct-15</u> \$0.2563 -\$0.0391 \$0.0287 \$0.7608	<u>Nov-15</u> \$0.2033 -\$0.0110 \$0.1303 \$0.3663	Dec-15 \$0.2206 -\$0.0807 \$0.1465 \$0.2466	<u>Jan-16</u> \$0.2372 \$0.1699 \$0.1228 \$0.1758	Feb-16 \$0.2189 \$0.1041 \$0.0777 \$0.0858	Mar-16 \$0.1711 \$0.0453 \$0.0724 \$0.0938	Apr-16 \$0.1903 -\$0.0073 \$0.0134 \$0.2209	May-16 \$0.1995 \$0.0041 \$0.0169 \$0.2632	<u>Jun-16</u> \$0.1963 -\$0.2244 \$0.0120 \$0.4503	<u>Jul-16</u> \$0.2917 -\$0.1466 \$0.0160 \$0.6022	<u>Aug-16</u> \$0.2672 -\$0.3450 \$0.0147 \$0.6611	<u>Sep-16</u> \$0.2853 -\$0.2988 \$0.0192 \$0.6745	Average \$0.0188 \$0.0753 \$0.2335
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	24 25 26 27	Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost Gas Withdrawn From Storage Cost Hedged Volumes Delivered Cost Pipeline Demand Cost	Oct-15 \$0.2563 -\$0.0391 \$0.0287 \$0.7608 \$0.4815	Nov-15 \$0.2033 -\$0.0110 \$0.1303 \$0.3663 \$0.2576	Dec-15 \$0.2206 -\$0.0807 \$0.1465 \$0.2466 \$0.1548	Jan-16 \$0.2372 \$0.1699 \$0.1228 \$0.1758 \$0.1127	Feb-16           \$0.2189           \$0.00777           \$0.0858           \$0.0761	Mar-16 \$0.1711 \$0.0453 \$0.0724 \$0.0938 \$0.0998	Apr-16 \$0.1903 -\$0.0073 \$0.0134 \$0.2209 \$0.1445	May-16 \$0.1995 \$0.0041 \$0.0169 \$0.2632 \$0.2439	<u>Jun-16</u> \$0.1963 -\$0.2244 \$0.0120 \$0.4503 \$0.4504	<u>Jul-16</u> \$0.2917 -\$0.1466 \$0.0160 \$0.6022 \$0.6729	<u>Aug-16</u> \$0.2672 -\$0.3450 \$0.0147 \$0.6611 \$0.7582	<u>Sep-16</u> \$0.2853 -\$0.2988 \$0.0192 \$0.6745 \$0.7415	Average \$0.0188 \$0.0753 \$0.2335 \$0.1931
	24 25 26 27 28	Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost Gas Withdrawn From Storage Cost Hedged Volumes Delivered Cost Pipeline Demand Cost Storage Demand Cost Peaking Cost	Oct-15 \$0.2563 -\$0.0391 \$0.0287 \$0.7608 \$0.4815 \$0.1115	Nov-15 \$0.2033 \$0.303 \$0.1303 \$0.3663 \$0.2576 \$0.0563	Dec-15 \$0.2206 -\$0.0807 \$0.1465 \$0.2466 \$0.1548 \$0.0374	Jan-16 \$0.2372 \$0.1699 \$0.1228 \$0.1758 \$0.1127 \$0.0250	Feb-16           \$0.2189           \$0.1041           \$0.0777           \$0.0858           \$0.0761           \$0.0172	Mar-16 \$0.1711 \$0.0453 \$0.0724 \$0.0938 \$0.0998 \$0.0227	Apr-16 \$0.1903 -\$0.0073 \$0.0134 \$0.2209 \$0.1445 \$0.0394	May-16 \$0.1995 \$0.0041 \$0.0169 \$0.2632 \$0.2439 \$0.0579	Jun-16 \$0.1963 -\$0.2244 \$0.0120 \$0.4503 \$0.4504 \$0.1071	<u>Jul-16</u> \$0.2917 -\$0.1466 \$0.0160 \$0.6022 \$0.6729 \$0.1576	Aug-16 \$0.2672 -\$0.3450 \$0.0147 \$0.6611 \$0.7582 \$0.1781	<u>Sep-16</u> \$0.2853 -\$0.2988 \$0.0192 \$0.6745 \$0.7415 \$0.1660	Average           \$0.0188           \$0.0753           \$0.2335           \$0.1931           \$0.0451
32 Other Costs	24 25 26 27 28 29	Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost Gas Withdrawn From Storage Cost Hedged Volumes Delivered Cost Pipeline Demand Cost Storage Demand Cost Peaking Cost	Oct-15 \$0.2563 -\$0.0391 \$0.0287 \$0.7608 \$0.4815 \$0.1115 \$0.0000	Nov-15 \$0.2033 \$0.303 \$0.3663 \$0.2576 \$0.0563 \$0.0000	Dec-15 \$0.2206 \$0.1465 \$0.2466 \$0.1548 \$0.0374 \$0.0001	Jan-16 \$0.2372 \$0.1699 \$0.1228 \$0.1758 \$0.1127 \$0.0250 \$0.0163	Feb-16           \$0.2189           \$0.1041           \$0.0777           \$0.0858           \$0.0761           \$0.0172           \$0.0043	Mar-16 \$0.1711 \$0.0453 \$0.0724 \$0.0938 \$0.0998 \$0.0227 \$0.0092	Apr-16 \$0.1903 \$0.0134 \$0.2209 \$0.1445 \$0.0394 \$0.0063	May-16 \$0.1995 \$0.0041 \$0.0169 \$0.2632 \$0.2439 \$0.0579 \$0.0044	Jun-16 \$0.1963 -\$0.2244 \$0.0120 \$0.4503 \$0.4504 \$0.1071 \$0.0000	<u>Jul-16</u> \$0.2917 -\$0.1466 \$0.0160 \$0.6022 \$0.6729 \$0.1576 \$0.0000	Aug-16 \$0.2672 -\$0.3450 \$0.0147 \$0.6611 \$0.7582 \$0.1781 \$0.0000	Sep-16           \$0.2853           -\$0.2988           \$0.0192           \$0.6745           \$0.7415           \$0.1660           \$0.0000	Average           \$0.0188           \$0.0753           \$0.2335           \$0.1931           \$0.0451           \$0.0058
	24 25 26 27 28 29 30	Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost Gas Withdrawn From Storage Cost Hedged Volumes Delivered Cost Pipeline Demand Cost Storage Demand Cost Peaking Cost Weighted Average Fuel Cost	Oct-15 \$0.2563 -\$0.0391 \$0.0287 \$0.7608 \$0.4815 \$0.1115 \$0.0000 \$0.0340	Nov-15 \$0.2033 \$0.303 \$0.3663 \$0.2576 \$0.0563 \$0.0000 \$0.0107	Dec-15 \$0.2206 \$0.1465 \$0.2466 \$0.1548 \$0.0374 \$0.0001 \$0.0053	Jan-16 \$0.2372 \$0.1699 \$0.1228 \$0.1758 \$0.1127 \$0.0250 \$0.0163 \$0.0105	Feb-16           \$0.2189           \$0.1041           \$0.0777           \$0.0858           \$0.0761           \$0.0172           \$0.0043           \$0.0058	Mar-16 \$0.1711 \$0.0453 \$0.0724 \$0.0938 \$0.0998 \$0.0227 \$0.0092 \$0.0042	Apr-16 \$0.1903 \$0.0134 \$0.2209 \$0.1445 \$0.0394 \$0.0063 \$0.0086	May-16 \$0.1995 \$0.0041 \$0.0169 \$0.2632 \$0.2439 \$0.0579 \$0.0044 \$0.0119	Jun-16 \$0.1963 -\$0.2244 \$0.0120 \$0.4503 \$0.4504 \$0.1071 \$0.0000 \$0.0144	<u>Jul-16</u> \$0.2917 -\$0.1466 \$0.0160 \$0.6022 \$0.6729 \$0.1576 \$0.0000 \$0.0283	Aug-16 \$0.2672 \$0.3450 \$0.0147 \$0.6611 \$0.7582 \$0.1781 \$0.0000 \$0.0216	Sep-16           \$0.2853           -\$0.2988           \$0.0192           \$0.6745           \$0.7415           \$0.1660           \$0.0000           \$0.0216	Average \$0.0188 \$0.0753 \$0.2335 \$0.1931 \$0.0451 \$0.0058 \$0.0097
33 Total Gross Cost of Gas Per Therm \$1.3774 \$0.8103 \$0.5101 \$0.6330 \$0.3709 \$0.3475 \$0.4258 \$0.6024 \$0.8098 \$1.3303 \$1.2887 \$1.3239 \$0.5814	24 25 26 27 28 29 30 31	Breakdown of Gross Cost of Gas Per Therm: Flowing Gas Cost Gas Withdrawn From Storage Cost Hedged Volumes Delivered Cost Pipeline Demand Cost Storage Demand Cost Peaking Cost Weighted Average Fuel Cost Variable Pipeline Cost Other Costs	Oct-15 \$0.2563 \$0.0287 \$0.7608 \$0.4815 \$0.1115 \$0.0000 \$0.0340 \$0.0000	Nov-15 \$0.2033 \$0.303 \$0.3663 \$0.2576 \$0.0563 \$0.0000 \$0.0107 \$0.0000 \$0.0000	Dec-15 \$0.2206 -\$0.0807 \$0.1465 \$0.2466 \$0.1548 \$0.0374 \$0.0001 \$0.0053 \$0.0000 \$0.0000	Jan-16           \$0.1699           \$0.1228           \$0.1758           \$0.127           \$0.0250           \$0.0163           \$0.0105           \$0.0000	Feb-16           \$0.2189           \$0.1041           \$0.0777           \$0.0858           \$0.0761           \$0.0172           \$0.0043           \$0.0058           \$0.0000	Mar-16 \$0.1711 \$0.0453 \$0.0724 \$0.0938 \$0.0998 \$0.0227 \$0.0092 \$0.0042 \$0.0042 \$0.0000	Apr-16 \$0.1903 \$0.0073 \$0.0134 \$0.2209 \$0.1445 \$0.0394 \$0.0063 \$0.0086 \$0.0000 \$0.0000	May-16 \$0.1995 \$0.0041 \$0.0169 \$0.2632 \$0.2439 \$0.0579 \$0.0044 \$0.0119 \$0.0000	Jun-16 \$0.1963 -\$0.2244 \$0.0120 \$0.4503 \$0.4504 \$0.1071 \$0.0000 \$0.0144 \$0.0000	<u>Jul-16</u> \$0.2917 -\$0.1466 \$0.0160 \$0.6022 \$0.6729 \$0.1576 \$0.0000 \$0.0283 \$0.0000	Aug-16 \$0.2672 -\$0.3450 \$0.0147 \$0.6611 \$0.7582 \$0.1781 \$0.0000 \$0.0216 \$0.0000	Sep-16           \$0.2988           \$0.0192           \$0.6745           \$0.7415           \$0.1660           \$0.0000           \$0.0216           \$0.0000	Average \$0.0188 \$0.0753 \$0.2335 \$0.1931 \$0.0451 \$0.0058 \$0.0097 \$0.0000

#### 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

.

ą

Variable Pipeline Cost = Pipeline Charge per therm shipped

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

## **Appendix B**

# S-ECHART-2

# Elizabethtown Gas Calculation of Net Cost of Gas Per Therm

	·	Actual <u>Oct-16</u>	Actual <u>Nov-16</u>	Actual <u>Dec-16</u>	Actual <u>Jan-17</u>	Actual <u>Feb-17</u>	Actual <u>Mar-17</u>	Actual <u>Apr-17</u>	Actual <u>May-17</u>	Actual Jun-17	Actual <u>Jul-17</u>	Actual <u>Aug-17</u>	Estimate <u>Sep-17</u>	12 Month Weighted <u>Average</u>	
	Credits, Refunds, & Recoveries Per Therm:														
1	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	\$0,4622	\$0.0565	
2	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	
3	Capacity release	\$0.0055	\$0.0023	\$0.0011	\$0.0008	\$0.0009	\$0.0010	\$0.0012	\$0.0030	\$0.0045	\$0.0069	\$0.0076	\$0.0082	\$0.0018	
4	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	\$0.2021	\$0.1530	
5.	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	
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	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0,0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
9	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	\$0.5277	\$0.0247	
10	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	
11	Total Credits, Refunds, & Recoveries per Therm	\$1.1483	\$0.3083	\$0.2923	\$0.1533	\$0.0596	\$0.1630	-\$0.0476	\$0.3496	\$0.4277	\$0.7931	\$0.8414	\$1.2003	\$0,2364	
	· · · ·						•	•	•	••••	•••••		•1.2005	40.2001	
12	<u> Total Net Cost Per Therm(Pg 1 Line 22 - Pg 2 Line 11)</u>	\$0.0784	\$0.3487	\$0.3517	\$0.3499	\$0.3515	\$0.3488	\$0.3524	\$0.3474	\$0.3507	\$0.3504	\$0.3479	\$0.3507	\$0.3430	
											-				
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Weighted	
		<u>Oct-15</u>	<u>Nov-15</u>	<u>Dec-15</u>	<u>Jan-16</u>	<u>Feb-16</u>	<u>Mar-16</u>	<u>Apr-16</u>	<u>May-16</u>	<u>Jun-16</u>	<u>Jul-16</u>	<u>Aug-16</u>	Sep-16	Average	
	Credits, Refunds, & Recoveries Per Therm:														
13	Asset Management Credits	\$0.9129	\$0.0000	\$0.0491	\$0.0000	\$0.0000	\$0.0311	\$0.0000	\$0.6916	\$0.1480	\$0.0000	\$0.0000	<b>00 040</b> 7	£0.0070	
14	Off-system sales	\$0.0000	\$0.0000	\$0.0491	\$0.0000	\$0.0000	\$0.0011	\$0.0000	\$0.0910	\$0.1480 \$0.0000	\$0.0000		\$0.2427	\$0.0970	
15	Capacity release	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000 \$0.0008	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
16	On System Credits to BGSS-P Customers								• • • • • • •			\$0.0076 \$0.2806	\$0.0076 \$0.2518	\$0.0019 \$0.1313	
10				SU 1202	£0 12/Q	EU 1103	<b>EU 1033</b>	EU 1063						3011111	
17	•	\$0.1745 \$0.0000	\$0.1273 \$0.0005	\$0.1202 \$0.0000	\$0.1348 \$0.0008	\$0.1193 \$0.0002	\$0.1022 \$0.0000	\$0.1063 \$0.0000	\$0.1211 \$0.0000	\$0.1758	\$0.2494	-	•		
17 18	Supplier Refunds	\$0.0000	\$0.0005	\$0.0000	\$0.0008	\$0.0002	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0002	
18	Supplier Refunds Gas for Company Use	\$0.0000 \$0.0000	\$0.0005 \$0.0000	\$0.0000 \$0.0000	\$0.0008 \$0.0000	\$0.0002 \$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	\$0.0002 \$0.0000	
18 19	Supplier Refunds Gas for Company Use Line Loss	\$0.0000 \$0.0000 \$0.0000	\$0.0005 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000	\$0.0008 \$0.0000 \$0.0000	\$0.0002 \$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 \$0.0000	\$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000	\$0.0002 \$0.0000 \$0.0000	
18 19 20	Supplier Refunds Gas for Company Use Line Loss Transfer to Non BGSS-P Customers	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0005 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0008 \$0.0000 \$0.0000 \$0.0000	\$0.0002 \$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 \$0.0000 \$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	\$0.0002 \$0.0000 \$0.0000 \$0.0000	
18 19 20 21	Supplier Refunds Gas for Company Use Line Loss Transfer to Non BGSS-P Customers Over / Under Recovery & Interest to Customers	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.1482	\$0.0005 \$0.0000 \$0.0000 \$0.0000 \$0.8998	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.0280	\$0.0008 \$0.0000 \$0.0000 \$0.0000 \$0.2994	\$0.0002 \$0.0000 \$0.0000 \$0.0000 -\$0.1387	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.1801	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.0733	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.6007	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0962	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.6770	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.6171	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.4270	\$0.0002 \$0.0000 \$0.0000 \$0.0000 \$0.0284	
18 19 20 21 22	Supplier Refunds Gas for Company Use Line Loss Transfer to Non BGSS-P Customers Over / Under Recovery & Interest to Customers Other	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.1482 \$0.0000	\$0.0005 \$0.0000 \$0.0000 \$0.0000 \$0.8998 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.0280 \$0.0000	\$0.0008 \$0.0000 \$0.0000 \$0.0000 \$0.2994 \$0.0000	\$0.0002 \$0.0000 \$0.0000 \$0.0000 -\$0.1387 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.1801 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.0733 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.6007 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0962 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.6770 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.6171 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.4270 \$0.0000	\$0.0002 \$0.0000 \$0.0000 \$0.0000 \$0.0284 \$0.0000	
18 19 20 21	Supplier Refunds Gas for Company Use Line Loss Transfer to Non BGSS-P Customers Over / Under Recovery & Interest to Customers	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.1482	\$0.0005 \$0.0000 \$0.0000 \$0.0000 \$0.8998	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.0280	\$0.0008 \$0.0000 \$0.0000 \$0.0000 \$0.2994	\$0.0002 \$0.0000 \$0.0000 \$0.0000 -\$0.1387	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.1801	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.0733	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.6007	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0962	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.6770	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.6171	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.4270	\$0.0002 \$0.0000 \$0.0000 \$0.0000 \$0.0284	
18 19 20 21 22 23	Supplier Refunds Gas for Company Use Line Loss Transfer to Non BGSS-P Customers Over / Under Recovery & Interest to Customers Other	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.1482 \$0.0000	\$0.0005 \$0.0000 \$0.0000 \$0.0000 \$0.8998 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.0280 \$0.0000	\$0.0008 \$0.0000 \$0.0000 \$0.0000 \$0.2994 \$0.0000	\$0.0002 \$0.0000 \$0.0000 \$0.0000 -\$0.1387 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.1801 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.0733 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 -\$0.6007 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0962 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.6770 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.6171 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.4270 \$0.0000	\$0.0002 \$0.0000 \$0.0000 \$0.0000 \$0.0284 \$0.0000	

#### 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.

### RIDER "A"

### BASIC GAS SUPPLY SERVICE CHARGE ("BGSS")

This Rider sets forth the method of determining the BGSS which shall be calculated to four (4) decimal places on a per therm basis established in accordance with the Board Order in Docket No. GX01050304 dated January 6, 2003. The BGSS charge is either BGSS-Monthly ("BGSS-M") or BGSS-Periodic ("BGSS-P") and will be applied to a Customer's Service Classification as follows:

- The BGSS-M shall be applicable to all GDS, NGV, LVD, and EGF customers receiving gas supply from the Company effective on the first of each month as determined below.
- 2. The BGSS-P shall be applicable to all RDS, SGS, and GLS customers receiving gas supply from the Company.

The BGSS Charge, as defined herein, is designed to recover the cost to the Company of purchased gas or fuel used as a substitute for or supplemental to purchased gas including the cost of storing or transporting said gases or fuel, the cost of financial instruments employed to stabilize gas costs, other charges or credits as may result from the operation of other tariff provisions, and taxes and other similar charges in connection with the purchase and sale of gas.

·	BGSS-M	BGSS-P
Effective Date	<u>per therm</u>	Per therm
September 1, 2016	\$0.5125	\$0.4203
October 1, 2016	\$0.5024	\$0.3761
November 1, 2016	\$0.4817	\$0.3761
December 1, 2016	\$0.5333	\$0.3761
January 1, 2017	\$0.6096	\$0.3757
February 1, 2017	\$0.5502	\$0.3757
March 1, 2017	\$0.4660	\$0.3757
April 1, 2017	\$0.5267	\$0.3757
May 1, 2017	\$0.5230	\$0.3757
June 1, 2017	\$0.5333	\$0.3757
July 1, 2017	\$0.5133	\$0.3757
August 1, 2017	\$0.5025	\$0.3757
September 1, 2017	\$0.5017	\$0.3757
October 1, 2017	*	\$0.4551

#### BGSS per therm rates:

\*To be determined

Date of Issue: September 1, 2017

Issued by: Brian MacLean, President 520 Green Lane Union, New Jersey 07083 Effective: Service Rendered on and after September 1, 2017

Filed Pursuant to Order of the Board of Public Utilities Dated January 6, 2003 in Docket No. GX01050304