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Deborah M. Franco, Esq.
VP, Clean Energy and Sustainability

June 1, 2020

Electronic Filing

Aida Camacho-Welch
Office of the Secretary
NJ Board of Public Utilities
44 South Clinton Avenue, 3rd Floor
P. O. Box 350
Trenton, NJ 08625-0350

**Re: In the Matter of the Petition of Elizabethtown Gas Company to Review Its Basic Gas Supply Service Rate
BPU Docket No. _____**

Dear Secretary Camacho-Welch:

Enclosed herewith is Elizabethtown Gas Company's Petition to Review its Basic Gas Supply Service Rate, which have been filed electronically today utilizing the Board's e-filing Program. Due to the pandemic, and in accordance with the New Jersey Board of Public Utilities ("BPU") March 19, 2020 and May 20, 2020 Orders issued in BPU Docket No. EO20030254, hard copies are not being provided at this time, but can be provided at a later time, as needed.

Please do not hesitate to contact me with any questions you may have. Thank you for your attention to this matter.

Respectfully submitted,

A handwritten signature in black ink that reads "Deborah M. Franco".

Deborah M. Franco

DMF:slp
Enclosures

cc: Service list (electronically)

**IN THE MATTER OF THE PETITION OF ELIZABETHTOWN GAS COMPANY
TO REVIEW ITS PERIODIC BASIC GAS SUPPLY SERVICE RATE
BPU DOCKET NO. _____**

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**STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES**

IN THE MATTER OF THE PETITION OF :
ELIZABETHTOWN GAS COMPANY TO :
REVIEW ITS PERIODIC BASIC GAS :
SUPPLY SERVICE RATE : **BPU DOCKET NO. _____**

CASE SUMMARY, PETITION, TESTIMONY AND SCHEDULES

June 1, 2020

**STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES**

-----X
In The Matter Of The Petition Of Elizabethtown : **Docket No. _____**
Gas Company To Review Its Periodic Basic Gas :
Supply Service Rate : **SUMMARY SHEET**
-----X

This Petition presents the request of Elizabethtown Gas Company (“Petitioner”) that the New Jersey Board of Public Utilities approve Petitioner's Periodic Basic Gas Supply Service (“BGSS-P”) charge, and grant such other and further relief as described in the Petition.

The Petition proposes to decrease the BGSS-P rate from \$0.4691 per therm to \$0.4022 per therm.

The proposed BGSS-P rate will decrease the bill of a residential heating customer using 100 therms by \$6.69 from \$106.14 to \$99.45, a decrease of 6.3% based on rates in effect June 1, 2020.

**STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES**

-----X
In The Matter Of The Petition Of Elizabethtown : **Docket No.** _____
Gas Company To Review Its Periodic Basic Gas :
Supply Service Rate : **PETITION**
-----X

To The Honorable Board of Public Utilities:

Petitioner, Elizabethtown Gas Company (“Petitioner” or “Company”), a public utility corporation duly organized under the laws of the State of New Jersey subject to the jurisdiction of the Board of Public Utilities (“Board”), respectfully states:

1. Petitioner's principal business office is located at 520 Green Lane, Union, New Jersey, 07083.
2. Communications and correspondence concerning these proceedings should be sent as follows:

Deborah M. Franco, Esq.
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3. Petitioner is engaged in the business of transmission and distribution of natural and mixed gas to approximately 298,000 customers in its service territory located principally in Hunterdon, Mercer, Middlesex, Morris, Sussex, Union and Warren Counties.

4. Pursuant to the terms of the Basic Gas Supply Service (“BGSS”) clause contained in Petitioner’s tariff as approved by the Board by Order dated March 30, 2001 in BPU Docket No. GX99030121 and GO99030122, and as modified by the Board by Orders dated December 7, 2001 in Docket No. GR01110771, *et al.*, November 22, 2002 in Docket No. GR02040245, January 6, 2003 in Docket No. GX01050304 and December 17, 2009 in Docket No. GR09030195, Petitioner proposes to decrease the current Periodic BGSS charge (“BGSS-P Charge”) and submits this filing to account for the actual and forecasted gas costs and BGSS rates for the twelve month period October 1, 2019 through September 30, 2020 (“Base BGSS Year”). The Base BGSS Year consists of actual data for the seven months ended April 30, 2020 and projected data for the period May 1, 2020 through September 30, 2020. In addition, presented in this filing is the forecast period October 1, 2020 through September 30, 2021 (“the BGSS Year”). The information and data contained in this Petition and in the supporting Exhibits and Schedules are intended to comply with the "Annual BGSS Minimum Filing Requirements" adopted by the Board by Order dated June 20, 2003 in Docket No. GR02120945, *et al* and revised by the Board by Order dated May 22, 2018 in Docket No. GR17060590, *et al.*

5. In accordance with the Board’s January 6, 2003 Order in Docket No. GX01050304 as amended with the Board’s December 17, 2009 Order in Docket No. GR09030195, Petitioner recovers gas costs from its residential, small commercial and gas light sales service classes through the BGSS-P rate. Petitioner recovers gas costs from its firm large commercial, industrial and electric generation customers through the assessment of the Monthly BGSS (“BGSS-M”) rate.

Under Petitioner's tariff, the BGSS-P rate consists of a gas cost component ("GCC-P") and a capacity cost component ("CCC-P") and is adjusted to reflect the projected beginning over or underrecovery balance from the prior period. The CCC-P established in this proceeding is also used to determine the monthly BGSS-M rate. However, BGSS-M rates are not established in this proceeding; they are established on a monthly basis.

6. Petitioner proposes to decrease its current BGSS-P rate of \$0.4691 per therm inclusive of all applicable taxes to \$0.4022 per therm inclusive of all applicable taxes.

7. Petitioner projects that its recoverable gas costs at the calculated rate would be approximately \$15.5 million lower than the level recoverable through its current BGSS-P rate in the BGSS Year. Petitioner's proposed BGSS-P rate is based on a CCC-P of \$0.1852 per therm, which also will be used to establish BGSS-M rates. Petitioner projects that it will begin the BGSS Year with a gas cost overrecovery balance of approximately \$1.5 million.

8. As discussed by Company witness Leonard J. Willey, the calculated decrease in the BGSS-P rate is due primarily to lower commodity gas costs related to market pricing, combined with significant supplier refunds (one received, one anticipated) from two interstate pipelines and credits to firm customers as a result of the outsourcing of Petitioner's gas supply and upstream capacity management to South Jersey Resources Group LLC ("SJRG") in accordance with the Board Order dated June 22, 2018 in BPU Docket No. GM17121309. Petitioner has taken all reasonable steps to reduce its gas costs and manage the volatility that has become characteristic of the natural gas commodity marketplace. As discussed by Company witness Willey, Petitioner's efforts to reduce costs and manage volatility have included, (a) continuing to implement its Gas Procurement Strategy and Plan on file with the Board, (b) maximizing benefits for firm customers through a capacity management and gas supply agreement with SJRG (as noted above) and (c)

employing its gas storage resources to eliminate Petitioner's exposure to some of the volatility associated with winter price swings. Petitioner's purchases of gas supply have been effectuated at prices consistent with market conditions as required by *N.J.S.A. 48:3-58(t)*.

9. Annexed hereto and made a part of this Petition is the testimony of Thomas Kaufmann, Manager of Rates and Tariffs for Petitioner, which Petitioner suggests be marked as Exhibit P-1. The schedules listed below are attached and referred to in Exhibit P-1, which Petitioner suggests be marked as indicated. Where noted, the following schedules contain information responsive to the BGSS Minimum Filing Requirements ("MFR") set forth in the MFR Settlement:

(a) Schedules TK-1 to TK-11 present data for the BGSS year ending September 30, 2020 (these schedules provide data responsive to MFRs 4, 5, 6, 7, 10, 11, 12, 13, and 15) and;

(b) Schedule TK-12 sets forth the revised tariff sheet to implement the proposed rate (this schedule provides data responsive to MFR 1).

10. Also annexed hereto and made a part of this Petition is the testimony of Leonard J. Willey, Manager of Gas Supply, which Petitioner suggests be marked as Exhibit P-2. The schedules listed below are attached and referred to in Exhibit P-2, which Petitioner suggests be marked as indicated.

(a) Schedules LJW-1 through LJW-15 support the calculated BGSS-P rate and reflect projected data for the period October 1, 2020 through September 30, 2021 (these schedules provide data responsive to MFRs 2, 4, 5, 6, 7, 8, 11, 12 and 17); and

(b) Schedule LJW-16 presents historical and estimated supply and demand requirements with Design Peak Day for Petitioner for the period November 2017 through October 2022 (this schedule provides data responsive to MFR 14).

(c) Schedule LJW-17 presents changes to firm transportation and storage contracts (this schedule provides data responsive to MFR 18).

11. Petitioner is serving notice and a copy of this Petition, together with a copy of the exhibits and schedules annexed hereto on the Director, Division of Rate Counsel via electronic mail in lieu of providing hard copies. Due to the pandemic, and in accordance with the BPU's March 19, 2020 and May 20, 2020 Orders issued in BPU Docket No. EO20030254, hard copies cannot be provided at this time, but can be provided at a later time, as needed.

12. Similarly, Petitioner is also serving this notice and a copy of this Petition on the Department of Law and Public Safety via electronic mail in lieu of providing hard copies, but hard copies can be provided at a later time, as needed.

13. In accordance with MFR Number 3 and to expedite consideration of this matter, Petitioner is attaching as Appendix A, a form of public notice, setting forth the proposed impact on typical gas bills at various winter therm utilization levels. As discussed in the notice, and in accordance with the Board's January 6, 2003 Order in BPU Docket No. GX01050304, Petitioner's form of notice provides notice to the public that Petitioner may seek to implement provisional increases to the BGSS-P rate of up to 5% of a 100 therm residential total bill to be effective December 1, 2020 and February 1, 2021. Petitioner may submit such provisional increases if they are necessary to permit Petitioner to avoid a BGSS underrecovery balance at September 30, 2021.

WHEREFORE, Petitioner respectfully requests that the Board (1) accept Petitioner's filing to become effective as of October 1, 2020, (2) approve Petitioner's request to decrease its current BGSS-P rate from \$0.4691 per therm to \$0.4022 per therm inclusive of all taxes, and (3) grant such other relief as the Board may deem just and proper.

Respectfully submitted,

Elizabethtown Gas Company



By: _____

Deborah M. Franco
VP, Clean Energy and Sustainability
South Jersey Industries

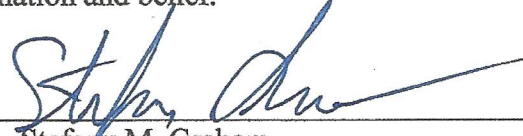
Dated: June 1, 2020

VERIFICATION

I, Stefany M. Graham, of full age, being duly sworn according to law, upon my oath, depose and say:

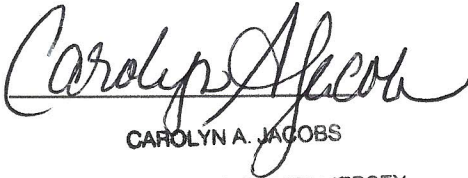
1. I am Director, Rates & Regulatory Affairs of SJI Utilities Inc., the parent company to South Jersey Gas Company ("Company") and I am authorized to make this verification on behalf of the Company.

2. I have reviewed the within petition and the information contained therein is true according to the best of my knowledge, information and belief.



Stefany M. Graham
Director, Rates & Regulatory Affairs

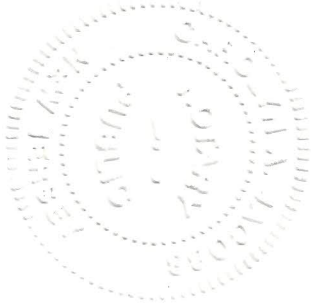
Sworn to and subscribed
before me this 1st day
of June 2020



CAROLYN A. JACOBS

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires October 28, 2023



NOTICE OF PUBLIC HEARINGS

**IN THE MATTER OF THE PETITION OF ELIZABETHTOWN GAS COMPANY
TO REVIEW ITS BASIC GAS SUPPLY SERVICE RATE
BPU Docket No. _____**

On June 1, 2020, Elizabethtown Gas Company ("the Company" or "Elizabethtown"), filed a Petition ("Petition") with the New Jersey Board of Public Utilities ("BPU" or "Board") in Docket No. _____ to review its Periodic Basic Gas Supply Service ("BGSS-P") rate. The Company has petitioned the BPU to decrease its current BGSS-P rate from \$0.4691 per therm to \$0.4022 per therm, inclusive of applicable taxes, a decrease of \$0.0669 per therm or 6.3% to the typical residential customer using 100 therms based on rates in effect June 1, 2020. The proposed rates are subject to BPU approval and may ultimately be higher or lower depending on the Board's final determination and the date on which such rates are made effective.

The effect of the Company's filing on typical residential gas bills is illustrated below:

Consumption in Therms	Present Bill June 1, 2020	Proposed Bill October 1, 2020	Proposed Change	Percent Change
10	\$19.61	\$18.95	(\$0.66)	(3.4%)
50	\$58.07	\$54.73	(\$3.34)	(5.8%)
100	\$106.14	\$99.45	(\$6.69)	(6.3%)
250	\$250.35	\$233.63	(\$16.72)	(6.7%)

The BGSS component of the Petition was filed pursuant to the "Order Approving BGSS Price Structure" issued by the Board on January 6, 2003 in Docket No. GX01050304, wherein the proposed rate may be subject to a self-implementing rate increase of up to 5% on December 1, 2020 and another 5% increase on February 1, 2021, upon 30 days written notice by Elizabethtown to the BPU and the Division of Rate Counsel. Should it become necessary to apply both the December 1st and February 1st self-implementing increases, the cumulative impact of these increases on a typical residential gas bills is illustrated below:

Consumption in Therms	Proposed Bill October 1, 2020	Potential Bill Dec. and Feb. 1st Inc.	Potential Change	Percent Change
10	\$18.95	\$19.97	\$1.02	5.4%
50	\$54.73	\$59.83	\$5.10	9.3%
100	\$99.45	\$109.64	\$10.19	10.2%
250	\$233.63	\$259.11	\$25.48	10.9%

These self-implementing increases will be provisional and subject to review in connection with the next annual BGSS filing. Elizabethtown is permitted to decrease its BGSS rate at any time upon five days' notice and the filing of supporting documentation with the Board and Rate Counsel.

The Board has the statutory authority to establish Elizabethtown's rates at levels it finds just and reasonable as well as to establish the effective date of such rates. Therefore, the BPU may establish the rates at levels and/or an effective date other than those proposed by Elizabethtown.

Copies of the Petition are available for inspection at the Company offices located at 520 Green Lane, Union, New Jersey, online at Elizabethtown's website: www.elizabethtowngas.com/rates-and-tariff, under regulatory information, and at the Board offices located at 44 South Clinton Avenue, 2nd Floor, Trenton, New Jersey. Any member of the public who wants to inspect the Petition at the Board may contact the Board's Division of Case Management at (609) 292-0806 to schedule an appointment.

PLEASE TAKE NOTICE that Public Hearings have been scheduled on the above mentioned Petition at the following times and places:

Date and Time
Liberty Hall Corporate Center, 1085 Morris Avenue, Union, New Jersey 07083

Date and Time
Hunterdon County Complex, 314 NJ-12, Building #1, Flemington, New Jersey 08822

The public is invited to attend and make a statement regarding the proposed rates. Information provided at the public hearings will

become part of the record and be considered by the Board in rendering its decision. To encourage full participation in this opportunity for public comment, please submit any requests for accommodations, including, but not limited to, an interpreter, listening devices and/or mobility assistance, 48 hours prior to these hearings. In addition, members of the public may submit written comments concerning the Petition to the BPU, regardless of attending the hearings, by addressing the comments to the following: Office of the Secretary, Board of Public Utilities, 44 South Clinton Avenue, 9th Floor, P.O. Box 350, Trenton, New Jersey 08625-0350. Written comments should reference the name of the Petition and the above docket number in the subject line. Written comments will be provided the same weight as statements made at the hearings, and all written comments will become part of the record and considered by the Board in rendering its decision. Hearings will continue, if necessary, on such additional dates and at such locations as the Board or the Office of Administrative Law may designate, to ensure that all interested persons are heard.

Elizabethtown Gas Company
Christie McMullen – President and Chief Operating Officer

**Elizabethtown Gas Company
2020 / 2021 BGSS Filing**

MINIMUM FILING REQUIREMENT (MFR) INDEX

<u>Minimum Filing Requirement</u>	<u>Schedule(s)</u>
1. Motion, Supporting Testimony & Tariff Modifications	Petition, 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 Sendout 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	TK-1, TK-6, LJW-3
8. Wholesale Gas Pricing Assumptions	LJW-7, LJW-13
9. GCUA Recoveries and Balances	not applicable
10. Historical Service Interruptions	TK-9
11. Gas Price Hedging Activities	TK-11, LJW-14
12. Storage Gas Volumes, Prices and Utilization	TK-7, LJW-10
13. Affiliate Gas Supply Transactions	TK-8
14. Projected Supply and Demand Data with Design Peak Day	LJW-16
15. Actual Peak Day Supply and Demand	TK-10
16. Capacity Contract Changes	Testimony - L J Willey pgs. 15-16
17. FERC Pipeline Activities	LJW-15
18. Changes to Firm Transportation and Storage Contracts	LJW-17

**ELIZABETHTOWN GAS COMPANY
DIRECT TESTIMONY OF
THOMAS KAUFMANN**

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 **A.** My name is Thomas Kaufmann. My business address is 520 Green Lane, Union,
3 New Jersey 07083.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5 **A.** I am employed by Elizabethtown Gas Company (“Elizabethtown” or “Company”) as
6 Manager of Rates and Tariffs.

7 **Q. WHAT IS THE SCOPE OF YOUR DUTIES AT ELIZABETHTOWN?**

8 **A.** I am responsible for designing and developing rates and rate schedules for regulatory
9 filings with the New Jersey Board of Public Utilities (“Board”) and internal
10 management purposes. I also oversee daily rate department functions, including tariff
11 administration, monthly parity pricing, competitive analyses and preparation of
12 management reports.

13 **Q. PLEASE DESCRIBE YOUR PROFESSIONAL QUALIFICATIONS AND
14 BUSINESS EXPERIENCE.**

15 **A.** In June 1977, I graduated from Rutgers University, Newark, N.J. with a
16 Bachelor of Arts degree in Business Administration, majoring in accounting and
17 economics. In July 1979, I graduated from Fairleigh Dickinson University, Madison,
18 N.J. with a Masters of Business Administration, majoring in finance.

19 My professional responsibilities have encompassed financial analysis,
20 accounting, planning, and pricing in manufacturing and energy services companies
21 in both regulated and unregulated industries. In 1977, I was employed by Allied
22 Chemical Corp. as a staff accountant. In 1980, I was employed by Celanese Corp. as

1 a financial analyst. In 1981, I was employed by Suburban Propane as a Strategic
2 Planning Analyst, promoted to Manager of Rates and Pricing in 1986 and to Director
3 of Acquisitions and Business Analysis in 1990. In 1993, I was employed by
4 Concurrent Computer as a Manager, Pricing Administration. In 1996, I joined NUI
5 Utilities Inc., now part of South Jersey Industries, Inc. ("SJI"), as a Rate Analyst, was
6 promoted to Manager of Regulatory Support in August 1997, Manager of Regulatory
7 Affairs in February 1998, and named Manager of Rates and Tariffs in July 1998.

8 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

9 **A.** In connection with the Company's petition to review its Periodic Basic Gas Supply
10 Service ("BGSS-P") charge, the purpose of my testimony is to support the annual
11 reconciliation of gas costs and recoveries for the period October 1, 2019 through
12 September 30, 2020 ("Base BGSS Year").

13 **Q. DO YOU SPONSOR ANY SCHEDULES AS PART OF YOUR TESTIMONY?**

14 **A.** Yes. My testimony includes the following schedules which were prepared under my
15 supervision and direction: Schedules TK-1 to TK-11 present data for the Base BGSS
16 Year. These schedules contain information responsive to a number of the Minimum
17 Filing Requirements ("MFRs") that were required by the Board by Order dated June
18 20, 2003 in Docket Nos. GR02120945 et al and revised by the Board by Order dated
19 May 22, 2018 in Docket No. GR17060590, et al. Specifically, they provide
20 information responsive to MFRs 4, 5, 6, 7, 10, 11, 12, 13, and 15. Schedule TK-12
21 is the tariff sheet necessary to implement the proposed BGSS-P rate.

22 **Q. WHAT ARE THE RESULTS FOR THE BGSS YEAR ENDING**
23 **SEPTEMBER 30, 2020?**

1 **A.** Schedules TK-1 through TK-7 present the actual and projected data that support the
2 results for the Base BGSS Year ending September 30, 2020. Based on actual data
3 through April 2020 and projections for the period May 2020 through September
4 2020, the Company projects that the BGSS clause will be over-recovered by
5 \$1,481,613 as of September 30, 2020.

6 **Q.** **HOW WERE THE PROJECTIONS FOR THE PERIOD MAY THROUGH**
7 **SEPTEMBER 2020 DEVELOPED?**

8 **A.** The prices for gas were developed employing the same methodology described by
9 Company Witness Leonard J. Willey for the projected BGSS period - October 1, 2019
10 through September 30, 2020. The purchase quantities reflect the projected sales
11 requirements based upon normal 10-year weather and planned storage injections in
12 preparation for the upcoming winter. Gas cost recoveries were projected by applying
13 the current BGSS rate, excluding taxes, to the projected level of firm sales that will
14 be subject to the BGSS-P rate. For firm commercial sales subject to the Monthly
15 Basic Gas Supply Service (“BGSS-M”) rate, gas cost recoveries were developed
16 using a projection of the BGSS-M rates based on the forecast of gas prices. Other gas
17 cost recoveries and credits to gas costs were projected in the same manner as set forth
18 in the projected BGSS period. Mr. Willey discusses the Company’s sales forecast in
19 his testimony.

20 **Q.** **PLEASE EXPLAIN SCHEDULE TK-1.**

21 **A.** Schedule TK-1 is a reconciliation of gas costs and recoveries for the period October 1,
22 2019 through September 30, 2020.

1 Schedule TK-1 is presented in three sections: 1) recoverable costs, 2) gas cost
2 recoveries, and 3) the difference between these amounts, which represents the over or
3 under recovery of gas costs.

4 Recoverable costs are the costs of the gas delivered less supplier refunds, credits
5 and other adjustments.

6 Gas cost recoveries represent the cost of gas that the Company has recovered
7 through firm and non-firm sales. Firm recoveries are broken down among recoveries
8 from monthly and periodic firm sales. If the gas cost recoveries are greater than the
9 recoverable costs the Company has incurred, the Company is over-recovered.
10 Conversely, if the gas cost recoveries are less than the recoverable costs, the Company
11 is under-recovered. The elements of Schedule TK-1 are explained in more detail below.

12 Recoverable Costs

13 This section presents the components of net recoverable costs that the Company
14 has incurred. Column 1 presents the gas sendout, in dollars, for each month. These
15 amounts, as detailed in Schedule TK-2, represent the dollar value of gas that flowed into
16 the Company's distribution system during the months indicated.

17 Column 2 of TK-1 presents refunds received from suppliers, capacity release
18 credits, and other credits and charges.

19 Refunds from suppliers are generally made as a result of actions taken by the
20 Federal Energy Regulatory Commission ("FERC"). The detail of these amounts,
21 including related FERC docket numbers, are listed on Schedule TK-3.

22 Capacity release credits to the BGSS-P are detailed on Schedule TK-4.

23 Also included in Column 2 of TK-1 are amounts associated with credits
24 received by the Company under the terms of the Asset Management and Agency

1 Agreement with South Jersey Resources Group LLC (“SJRG”). The agreement with
2 SJRG is described more fully by Mr. Willey. Under the agreement, the Company has
3 designated SJRG as its agent to manage its capacity. In addition to certain credits
4 being realized by the Company under long-term capacity release agreements,
5 Elizabethtown receives a negotiated fee from SJRG as compensation for permitting
6 the supplier to act as its asset manager and gas supplier. The amounts in Column 2
7 of Schedule TK-1 reflect asset management fee credits received and/or projected to
8 be received from SJRG during the period October 1, 2019 through September 30,
9 2020.

10 Column 3 of Schedule TK-1 presents the monthly totals of net recoverable costs
11 which are equal to gas sendout (Column 1) less supplier refunds, credits and other
12 adjustments of recoverable costs (Column 2).

13 Gas Cost Recoveries

14 Columns 4 through 8 on Schedule TK-1 present the recoveries from customers
15 of the Company's recoverable gas costs during the Base BGSS Year, as shown in more
16 detail on Schedule TK-5.

17 Column 4 presents recoveries of gas costs from sales to residential and small
18 commercial customers that are subject to the BGSS-P rate. Column 5 presents
19 recoveries of gas costs from sales to the Company's larger commercial customers who
20 are subject to the BGSS-M rate. Column 6 presents the monthly totals of the gas cost
21 recoveries from firm sales. Column 7 presents recoveries of gas costs from sales to non-
22 firm customers. Column 8 presents the monthly totals of the gas cost recoveries from
23 firm and non-firm sales.

24 (Over) Under Recovery

1 Schedule TK-1, Column 9, presents the monthly (over) or under-recovery of gas
 2 costs, which is the difference between net recoverable costs (Column 3) and total gas
 3 cost recoveries (Column 8). Column 10 is the accumulation of the monthly amounts
 4 from Column 9 added to the preceding month's cumulative balance. The October 1,
 5 2019 beginning balance of \$9,308,260 is the carry-forward balance of the actual under-
 6 recovery of gas costs during the BGSS period October 1, 2018 through September 30,
 7 2019. The carry forward balance also includes interest due to customers for the period,
 8 if any, from overrecovered balances. No interest was due to customers for the BGSS
 9 period ending September 30, 2019. During the BGSS Base Year, the Company is
 10 projecting that interest will not be due to customers as shown on Schedule TK-6, which
 11 is more fully discussed below.

12 **Q. PLEASE EXPLAIN SCHEDULE TK-2.**

13 **A.** Schedule TK-2 is a statement of combined gas sendout for the period October 1, 2019
 14 projected through September 30, 2020. This schedule supports the amounts shown in
 15 Column 1 of Schedule TK-1.

16 Columns 1 and 2 of Schedule TK-2 page 1 reflect the monthly total quantity and
 17 cost, respectively, of gas and fuel purchased (natural gas and liquefied natural gas) in
 18 the periods indicated. Column 1 shows the quantities purchased in dekatherms. Column
 19 3 shows the average rate.

20 Columns 4, 5 and 6 of Schedule TK-2 page 1 show the adjustment to the prior
 21 month's ending inventory balance, the total inventory at the beginning of each month,
 22 and the total at the end of each month, respectively, all in dekatherms. Column 9 reflects
 23 the quantities of gas sendout in dekatherms and is calculated by adding the purchases
 24 for the month (Column 1) to the adjusted beginning inventory balance (Column 5) and

1 subtracting the ending inventory balance (Column 6). The adjustment to the beginning
2 inventory (Column 4) is then added or subtracted from this calculated amount, as it is
3 also included in the ending inventory balance. The result represents the gas sendout
4 quantity for the month.

5 **Q. HOW IS THE DOLLAR AMOUNT OF SENDOUT CALCULATED?**

6 **A.** For each type of inventory (natural gas, propane and LNG), an average monthly relief
7 rate is applied to the total of the withdrawal volumes to arrive at the sendout dollars.
8 The balances and activity in each of these types of storage are detailed in Schedule TK-
9 7. The dollar amount presented in Column 10 of Schedule TK-2 page 1 includes the
10 cost of sendout for all inventory withdrawals, demand costs and the cost of gas and fuel
11 delivered directly to the city gate.

12 Schedule TK-2 page 1, Column 11, presents the composite average monthly
13 rate. It is computed by dividing the total dollars of sendout in Column 10 by the total
14 volumes of gas sendout (Column 9).

15 **Q. PLEASE EXPLAIN SCHEDULE TK-6.**

16 **A.** Schedule TK-6 is a computation of interest on the cumulative over or under-recovery
17 for the period October 1, 2019 through September 30, 2020. Interest on the
18 cumulative over or under-recovery was computed on the average of the beginning
19 and ending balances for each month, using a rate equivalent to one-twelfth of
20 Elizabethtown's authorized annual rate of return of 6.707% through November 14,
21 2019 and 7.131% from November 15, 2019 forward. The cumulative over or under-
22 recovery amounts used in these calculations are from Schedule TK-1, Column 10.
23 The schedule shows a projected interest amount of \$242,823 due the Company. Since

1 the Company is not entitled to collect interest on BGSS balances, no interest will be
2 charged or credited for this period.

3 **Q. HAS THE COMPANY INCLUDED THE AMOUNT OF INTEREST SET**
4 **FORTH ON SCHEDULE TK-6 IN THE DERIVATION OF THE PROPOSED**
5 **BGSS-P RATE?**

6 **A.** No. As noted above, the Company is not entitled to collect interest on BGSS-P
7 balances; therefore, we have not included the interest set forth on Schedule TK-6 in
8 the derivation of the BGSS-P rate.

9 **Q. HAS THE COMPANY CONDUCTED ANY GAS SUPPLY OR CAPACITY**
10 **TRANSACTIONS WITH AFFILIATES DURING THE BASE BGSS YEAR?**

11 **A.** Yes. As I noted previously, the Company entered into a gas supply and asset
12 management agreement with SJRG. As discussed by Mr. Willey, the agreement with
13 SJRG permits Elizabethtown to purchase firm gas supply requirements at prices
14 consistent with market conditions. The Company's net purchases from SJRG are set
15 forth on Schedule TK-8.

16 **Q. WHAT HEDGING OR PRICE PROTECTION HAS THE COMPANY DONE**
17 **IN THE BASE BGSS YEAR?**

18 **A.** For the Base BGSS Year, the Company, under its Gas Procurement Strategy & Plan
19 ("GPS&P"), has price-protected 13,160,000 Dth. Mr. Willey discusses the GPS&P
20 in greater detail. Schedule TK-11 presents the breakout of this price-protected
21 quantity. The schedule also presents the projected normal firm requirements that
22 underlie the targets set out in the GPS&P.

1 **Q. DOES THE COMPANY INCLUDE ANY COSTS ASSOCIATED WITH THE**
2 **USE OF FINANCIAL INSTRUMENTS TO REDUCE PRICE VOLATILITY**
3 **IN RECOVERABLE COSTS IN THE BGSS?**

4 **A.** Yes. In accordance with its tariff, the Company includes any transaction costs
5 associated with its hedging activities in its gas purchase costs in the BGSS.

6 **Q. HAS THE COMPANY IMPLEMENTED ANY SERVICE INTERRUPTIONS**
7 **OVER THE LAST 12 MONTHS?**

8 **A.** No.

9 **Q. PLEASE DESCRIBE SCHEDULE TK-10.**

10 **A.** Schedule TK-10 sets forth the supply/demand balance on the five days in which the
11 largest throughput was experienced in Elizabethtown's system during each of the last
12 three winters.

13 **TARIFF SHEETS**

14 **Q. WHAT CHANGES TO THE COMPANY'S TARIFF ARE REQUIRED BY**
15 **THE COMPANY'S FILING?**

16 **A.** Schedule TK-12 is the revised tariff sheet that sets forth the proposed BGSS-P charge
17 of \$0.4022 per therm (inclusive of taxes), the calculation of which is shown on Mr.
18 Willey's Schedule LJW-1.

19 **Q. WHAT IS THE OVERALL IMPACT OF THE PROPOSED BGSS-P RATE**
20 **ON A RESIDENTIAL CUSTOMER CONSUMING 100 THERMS PER**
21 **MONTH?**

22 **A.** The proposed decrease in the BGSS-P charge is (\$0.0669) per therm. This would
23 decrease the monthly bill for a residential customer consuming 100 therms by \$6.69
24 or 6.3% based on rates in effect June 1, 2020.

1 **Q. IS THE COMPANY RESERVING THE RIGHT TO INCREASE RATES**
2 **LATER IN THIS BGSS YEAR?**

3 **A.** Yes. Although the Company does not project that it will need to increase its BGSS-
4 P rate during the BGSS period, the Company reserves the right, in accordance with
5 its tariff, to implement increases to the BGSS-P rate of up to 5% of a 100 therm
6 residential total bill in December 2020 and February 2021, respectively.

7 **Q. WHAT IS THE OVERALL IMPACT ON A RESIDENTIAL CUSTOMER**
8 **CONSUMING 100 THERMS PER MONTH IF THE TWO PERIODIC**
9 **ADJUSTMENTS FOR DECEMBER AND FEBRUARY WERE**
10 **IMPLEMENTED AT THEIR MAXIMUM LEVELS?**

11 **A.** The proposed incremental increase to the BGSS-P charge from two such periodic
12 adjustments implemented at the maximum 5% allowed levels in December and
13 February would be \$0.1019 per therm. These changes would increase the monthly
14 bill for a residential customer consuming 100 therms by \$10.19 from that proposed
15 for October 1st.

16 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

17 **A.** Yes, it does.

Elizabethtown Gas Company
Statement of Annual Reconciliation of Gas Costs and Recoveries
For the Period October 1, 2019 through September 30, 2020

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Recoverable Costs			Gas Cost Recoveries				(Over) Under Recovery		
	Less Supplier Refunds, Credits & Other (a)		Net Recoverable Costs (C.1-2)	From Firm Sales			From Non Firm Sales	Total Recoveries (C. 6+7)	Monthly (Over)Under Recovery (C. 3-8)	Cumulative (Over) Under Recovery
Period	Gas Sendout			Periodic	Monthly	Total				
Under-recovery at October 1, 2019										\$9,308,260 (b)
Oct-19	\$7,519,706	\$36,236	\$7,483,470	\$2,685,487	\$728,638	\$3,414,125	\$21	\$3,414,146	\$4,069,324	\$13,377,584
Nov-19	\$15,147,110	\$36,236	\$15,110,874	\$7,442,701	\$1,945,917	\$9,388,618	\$340	\$9,388,958	\$5,721,916	\$19,099,500
Dec-19	\$18,034,361	\$1,098,960	\$16,935,401	\$16,189,639	\$3,908,583	\$20,098,222	\$2,765	\$20,100,987	(\$3,165,586)	\$15,933,914
Jan-20	\$16,822,847	\$36,460	\$16,786,387	\$17,685,940	\$3,905,087	\$21,591,027	\$2,621	\$21,593,648	(\$4,807,261)	\$11,126,653
Feb-20	\$16,328,161	\$38,151	\$16,290,010	\$18,185,126	\$3,946,247	\$22,131,373	\$2,501	\$22,133,874	(\$5,843,864)	\$5,282,789
Mar-20	\$12,026,869	\$1,790,025	\$10,236,844	\$15,562,921	\$3,011,354	\$18,574,275	\$3,489	\$18,577,764	(\$8,340,920)	(\$3,058,131)
Apr-20	\$12,241,887	\$38,316	\$12,203,571	\$10,545,041	\$1,911,658	\$12,456,699	\$27	\$12,456,726	(\$253,155)	(\$3,311,286)
May-20 *	\$7,040,484	\$3,899,957	\$3,140,527	\$4,912,556	\$1,253,580	\$6,166,136	\$7	\$6,166,143	(\$3,025,616)	(\$6,336,902)
Jun-20 *	\$6,185,067	\$1,100,292	\$5,084,775	\$2,134,220	\$813,457	\$2,947,677	\$8	\$2,947,685	\$2,137,090	(\$4,199,812)
Jul-20 *	\$6,298,645	\$6,150,534	\$148,111	\$1,897,324	\$815,023	\$2,712,347	\$4	\$2,712,351	(\$2,564,240)	(\$6,764,052)
Aug-20 *	\$6,271,584	\$39,052	\$6,232,532	\$1,754,500	\$792,428	\$2,546,928	\$12	\$2,546,940	\$3,685,592	(\$3,078,460)
Sep-20 *	\$6,015,004	\$1,773,107	\$4,241,897	\$1,825,956	\$819,020	\$2,644,976	\$74	\$2,645,050	\$1,596,847	(\$1,481,613)
	<u>\$129,931,725</u>	<u>\$16,037,326</u>	<u>\$113,894,399</u>	<u>\$100,821,411</u>	<u>\$23,850,992</u>	<u>\$124,672,403</u>	<u>\$11,869</u>	<u>\$124,684,272</u>	<u>(\$10,789,873)</u>	
								Interest Expense (Sch TK-6)		\$0
								Opening Balance, Sch LJW-3		<u>(\$1,481,613)</u>

* Forecast

(a) Includes energy management fees, as well as actual shared margins, if any, received in May but reflected in March and a September estimate.

(b) Represents opening balance as of September 30th.

Elizabethtown Gas Company
Statement of Combined Gas Sendout
For the Period October 1, 2019 through September 30, 2020

	(1)	(2)	(3=2/1)	(4)	(5)	(6)	(7)	(8=7/6)	(9)	(10)	(11=10/9)
	Purchases			Inventory (Dth's)					Sendout		
Period	Dth's	Amount	Average Rate	Adjustment	Adjusted Beginning	Ending	Ending Amount	Average Rate	Dth's	Amount	Average Rate
Beginning Inventory						7,743,491	\$17,475,813	\$2.2568			
Oct-19	2,389,256	\$9,218,713	\$3.8584	26,904	7,770,395	8,746,503	\$19,174,820	\$2.1923	1,386,244	\$7,519,706	\$5.42452
Nov-19	3,494,100	\$13,431,875	\$3.8442	19,118	8,765,621	7,981,979	\$17,459,585	\$2.1874	4,258,624	\$15,147,110	\$3.55681
Dec-19	3,859,001	\$14,613,622	\$3.7869	(7,641)	7,974,338	6,316,806	\$14,038,846	\$2.2225	5,524,174	\$18,034,361	\$3.26463
Jan-20	3,478,674	\$12,881,581	\$3.7030	3,511	6,320,317	4,440,232	\$10,097,580	\$2.2741	5,355,248	\$16,822,847	\$3.14138
Feb-20	3,075,902	\$12,630,537	\$4.1063	(17,764)	4,422,468	2,705,300	\$6,399,956	\$2.3657	4,810,834	\$16,328,161	\$3.39404
Mar-20	1,867,588	\$9,283,951	\$4.9711	7,379	2,712,679	1,396,917	\$3,657,038	\$2.6179	3,175,971	\$12,026,869	\$3.78683
Apr-20	3,914,636	\$13,176,207	\$3.3659	(4,160)	1,392,757	2,194,255	\$4,591,358	\$2.0924	3,117,298	\$12,241,887	\$3.92708
May-20 *	2,146,858	\$8,753,980	\$4.0776	-	2,194,255	3,369,911	\$6,304,854	\$1.8709	971,202	\$7,040,484	\$7.24925
Jun-20 *	1,752,240	\$7,835,968	\$4.4720	-	3,369,911	4,507,398	\$7,955,755	\$1.7650	614,753	\$6,185,067	\$10.06106
Jul-20 *	1,844,636	\$8,252,680	\$4.4739	-	4,507,398	5,682,430	\$9,909,790	\$1.7439	669,604	\$6,298,645	\$9.40652
Aug-20 *	1,838,711	\$8,324,303	\$4.5272	-	5,682,429	6,857,369	\$11,962,509	\$1.7445	663,772	\$6,271,584	\$9.44840
Sep-20 *	1,879,337	\$8,613,287	\$4.5832	-	6,857,368	8,044,505	\$14,560,792	\$1.8100	692,201	\$6,015,004	\$8.68968
	<u>31,540,939</u>	<u>\$127,016,704</u>		<u>27,347</u>					<u>31,239,925</u>	<u>\$129,931,725</u>	

* Forecast

Elizabethtown Gas Company
Statement of Combined Gas Sendout
For the Period October 1, 2019 through September 30, 2020

	(1)	(2)	(3)	(4=3/1)	(5)	(6)	(7)	(8=7/5)
	Purchases				Sendout			
Period	Dth's	Demand	Commodity	Average Commodity Rate \$/dth	Dth's	Demand	Commodity	Average Commodity Rate \$/dth
Oct-19	2,389,256	\$5,179,854	\$4,038,859	\$1.6904	1,386,244	\$5,179,854	\$2,339,852	\$1.6879
Nov-19	3,494,100	\$5,087,547	\$8,344,328	\$2.3881	4,258,624	\$5,087,547	\$10,059,563	\$2.3622
Dec-19	3,859,001	\$6,015,966	\$8,597,656	\$2.2279	5,524,174	\$6,015,966	\$12,018,395	\$2.1756
Jan-20	3,478,674	\$5,456,635	\$7,424,946	\$2.1344	5,355,248	\$5,456,635	\$11,366,212	\$2.1224
Feb-20	3,075,902	\$5,613,703	\$7,016,834	\$2.2812	4,810,834	\$5,613,703	\$10,714,458	\$2.2272
Mar-20	1,867,588	\$5,877,340	\$3,406,611	\$1.8241	3,175,971	\$5,877,340	\$6,149,529	\$1.9363
Apr-20	3,914,636	\$6,296,993	\$6,879,214	\$1.7573	3,117,298	\$6,296,993	\$5,944,894	\$1.9071
May-20 *	2,146,858	\$4,769,338	\$3,984,642	\$1.8560	966,970	\$4,769,338	\$2,271,146	\$2.3487
Jun-20 *	1,752,240	\$4,649,724	\$3,186,244	\$1.8184	628,228	\$4,649,724	\$1,535,343	\$2.4439
Jul-20 *	1,844,636	\$4,729,133	\$3,523,547	\$1.9102	683,529	\$4,729,133	\$1,569,512	\$2.2962
Aug-20 *	1,838,711	\$4,726,489	\$3,597,814	\$1.9567	677,696	\$4,726,489	\$1,545,095	\$2.2799
Sep-20 *	1,879,337	\$4,649,724	\$3,963,563	\$2.1090	718,462	\$4,649,724	\$1,365,280	\$1.9003
	<u>31,540,939</u>	<u>\$63,052,446</u>	<u>\$63,964,258</u>	<u>\$2.0280</u>	<u>31,303,278</u>	<u>\$63,052,446</u>	<u>\$66,879,279</u>	<u>\$2.1365</u>

* Forecast

**Elizabethtown Gas Company
Supplier Refunds
For the Period October 1, 2019 through September 30, 2020**

<u>Period</u>	<u>Suppliers</u>	<u>Docket Number</u>	<u>Refund Amounts</u>	<u>Total</u>
Oct-19			\$0	\$0
Nov-19			\$0	\$0
Dec-19			\$0	\$0
Jan-20			\$0	\$0
Feb-20			\$0	\$0
Mar-20			\$0	\$0
Apr-20			\$0	\$0
May-20	* Texas Eastern Transmission	RP-19-343	\$3,860,905	\$3,860,905
Jun-20	*		\$0	\$0
Jul-20	* Transcontinental Gas Pipe Line	RP-18-1126	\$6,111,482	\$6,111,482
Aug-20	*		\$0	\$0
Sep-20	*		\$0	\$0
			Total	<u>\$9,972,387</u>

* Forecast

Schedule TK-4

**Elizabethtown Gas Company
Capacity Release Credits
For the Period October 1, 2019 through September 30, 2020**

<u>Period</u>	<u>Capacity Release</u>				
	<u>Volumes Dths</u>	<u>Average Rate</u>	<u>Total Amount</u>	<u>Credit To BGSS</u>	
Oct-19	195,145	\$0.2185	\$42,630	\$36,236	
Nov-19	188,850	\$0.2257	\$42,630	\$36,236	
Dec-19	195,145	\$0.2198	\$42,894	\$36,460	
Jan-20	195,145	\$0.2198	\$42,894	\$36,460	
Feb-20	176,260	\$0.2546	\$44,883	\$38,151	
Mar-20	195,145	\$0.2300	\$44,883	\$38,151	
Apr-20	188,850	\$0.2387	\$45,078	\$38,316	
May-20	*	195,145	\$0.2354	\$45,943	\$39,052
Jun-20	*	188,850	\$0.2354	\$44,461	\$37,792
Jul-20	*	195,145	\$0.2354	\$45,943	\$39,052
Aug-20	*	195,145	\$0.2354	\$45,943	\$39,052
Sep-20	*	188,850	\$0.2354	\$44,461	\$37,792
		<u>2,297,675</u>	<u>\$0.2318</u>	<u>\$532,643</u>	<u>\$452,750</u>

* Forecast

Elizabethtown Gas Company
Gas Costs Recovered Through Sales
For the Period October 1, 2019 through September 30, 2020

Period	Firm						
	Periodic		Monthly		Total		
	<u>Dth</u>	<u>\$</u>	<u>Dth</u>	<u>\$</u>	<u>Dth</u>	<u>\$</u>	
Oct-19	612,217	\$2,685,487	173,346	\$728,638	785,563	\$3,414,125	
Nov-19	1,692,810	\$7,442,701	424,822	\$1,945,917	2,117,632	\$9,388,618	
Dec-19	3,687,813	\$16,189,639	827,116	\$3,908,583	4,514,929	\$20,098,222	
Jan-20	4,021,836	\$17,685,940	870,694	\$3,905,087	4,892,530	\$21,591,027	
Feb-20	4,134,770	\$18,185,126	942,615	\$3,946,247	5,077,385	\$22,131,373	
Mar-20	3,538,901	\$15,562,921	753,845	\$3,011,354	4,292,746	\$18,574,275	
Apr-20	2,396,797	\$10,545,041	496,812	\$1,911,658	2,893,609	\$12,456,699	
May-20	*	1,116,490	\$4,912,556	364,943	\$1,253,580	1,481,433	\$6,166,136
Jun-20	*	485,050	\$2,134,220	229,920	\$813,457	714,970	\$2,947,677
Jul-20	*	431,210	\$1,897,324	215,786	\$815,023	646,996	\$2,712,347
Aug-20	*	398,750	\$1,754,500	205,612	\$792,428	604,362	\$2,546,928
Sep-20	*	414,990	\$1,825,956	209,468	\$819,020	624,458	\$2,644,976
TOTAL	<u>22,931,634</u>	<u>\$100,821,411</u>	<u>5,714,979</u>	<u>\$23,850,992</u>	<u>28,646,613</u>	<u>\$124,672,403</u>	

* Forecast

Elizabethtown Gas Company
Gas Costs Recovered Through Sales
For the Period October 1, 2019 through September 30, 2020

Period	Non-Firm						Total Amount Credited To BGSS		
	IS		CS		CSI			Total	
	<u>Dth</u>	<u>\$</u>	<u>Dth</u>	<u>\$</u>	<u>Dth</u>	<u>\$</u>		<u>Dth</u>	<u>\$</u>
Oct-19	-	\$0	-	\$0	5	\$21	5	\$21	\$3,414,146
Nov-19	72	\$330	-	\$0	2	\$10	74	\$340	\$9,388,958
Dec-19	551	\$2,613	-	\$0	32	\$152	583	\$2,765	\$20,100,987
Jan-20	547	\$2,521	-	\$0	22	\$100	569	\$2,621	\$21,593,648
Feb-20	542	\$2,331	-	\$0	40	\$170	582	\$2,501	\$22,133,874
Mar-20	827	\$3,308	-	\$0	45	\$181	872	\$3,489	\$18,577,764
Apr-20	-	\$0	-	\$0	7	\$27	7	\$27	\$12,456,726
May-20 *	0	\$0	-	\$0	2	\$7	2	\$7	\$6,166,143
Jun-20 *	0	\$0	-	\$0	2	\$8	2	\$8	\$2,947,685
Jul-20 *	0	\$0	-	\$0	1	\$4	1	\$4	\$2,712,351
Aug-20 *	0	\$0	-	\$0	3	\$12	3	\$12	\$2,546,940
Sep-20 *	0	\$0	-	\$0	19	\$74	19	\$74	\$2,645,050
TOTAL	<u>2,539</u>	<u>\$11,103</u>	<u>-</u>	<u>\$0</u>	<u>180</u>	<u>\$766</u>	<u>2,719</u>	<u>\$11,869</u>	<u>\$124,684,272</u>

* Forecast

Elizabethtown Gas Company
Computation of Interest on Cumulative (Over) Under Recovery
For the Period October 1, 2019 through September 30, 2020

Period	Beginning	Ending	Average Balance	Monthly Interest Rate (a)	Computed Interest (Expense)	Cumulative Computed Interest (Expense)
Oct-19	\$9,308,260	\$13,377,584	\$11,342,922	0.5589%	\$63,396	\$63,396
Nov-19	\$13,377,584	\$19,099,500	\$16,238,542	0.5778%	\$93,826	\$157,222
Dec-19	\$19,099,500	\$15,933,914	\$17,516,707	0.5943%	\$104,102	\$261,324
Jan-20	\$15,933,914	\$11,126,653	\$13,530,284	0.5943%	\$80,410	\$341,734
Feb-20	\$11,126,653	\$5,282,789	\$8,204,721	0.5943%	\$48,761	\$390,495
Mar-20	\$5,282,789	(\$3,058,131)	\$1,112,329	0.5943%	\$6,611	\$397,106
Apr-20	(\$3,058,131)	(\$3,311,286)	(\$3,184,709)	0.5943%	(\$18,927)	\$378,179
May-20 *	(\$3,311,286)	(\$6,336,902)	(\$4,824,094)	0.5943%	(\$28,670)	\$349,509
Jun-20 *	(\$6,336,902)	(\$4,199,812)	(\$5,268,357)	0.5943%	(\$31,310)	\$318,199
Jul-20 *	(\$4,199,812)	(\$6,764,052)	(\$5,481,932)	0.5943%	(\$32,579)	\$285,620
Aug-20 *	(\$6,764,052)	(\$3,078,460)	(\$4,921,256)	0.5943%	(\$29,247)	\$256,373
Sep-20 *	(\$3,078,460)	(\$1,481,613)	(\$2,280,037)	0.5943%	(\$13,550)	\$242,823

* Forecast

(a) Based on an authorized rate of return of 6.707% through November 14, 2019 and 7.131% from November 15, 2019 forward.

Elizabethtown Gas Company
Statement of Injections and Withdrawals - Natural Gas Inventory
For the Period October 1, 2019 through September 30, 2020

Period	Injections		Inventory (Dth's)			Withdrawals			Ending Inventory	
	Dth's	Amount	Adjustment	Adjusted Beginning	Ending	Sendout	Average Rate	Cost of Sendout from Storage	Ending Inventory (Dth's)	Ending Inventory (\$)
Beginning Inventory									7,608,973	\$16,351,999
Oct-19	1,099,666	\$1,729,953	26,904	7,635,877	8,577,464	131,175	\$2.07632	\$272,362	8,577,464	\$17,809,590
Nov-19	66,059	\$28,583	19,118	8,596,582	7,817,812	825,711	\$2.06376	\$1,704,071	7,817,812	\$16,134,102
Dec-19	155,227	\$397,346	(7,641)	7,810,171	6,156,921	1,816,118	\$2.07342	\$3,765,573	6,156,921	\$12,765,875
Jan-20	140,276	\$246,952	3,511	6,160,432	4,283,778	2,013,419	\$2.06645	\$4,160,625	4,283,778	\$8,852,202
Feb-20	81,217	\$161,718	(17,764)	4,266,014	2,567,067	1,797,928	\$2.06505	\$3,712,806	2,567,067	\$5,301,114
Mar-20	66,057	\$98,750	7,379	2,574,446	1,262,530	1,370,594	\$2.05074	\$2,810,738	1,262,530	\$2,589,126
Apr-20	1,003,131	\$1,311,846	(4,160)	1,258,370	2,063,538	202,123	\$1.72178	\$348,011	2,063,538	\$3,552,961
May-20	* 1,179,457	\$1,744,063	-	2,063,538	3,242,995	-	\$1.63337	\$0	3,242,995	\$5,297,024
Jun-20	* 1,141,408	\$1,682,435	-	3,242,995	4,384,403	-	\$1.59188	\$0	4,384,403	\$6,979,459
Jul-20	* 1,179,457	\$1,989,626	-	4,384,403	5,563,860	-	\$1.61203	\$0	5,563,860	\$8,969,085
Aug-20	* 1,179,457	\$2,089,054	-	5,563,860	6,743,317	-	\$1.63987	\$0	6,743,317	\$11,058,139
Sep-20	* 1,153,978	\$2,263,874	-	6,743,317	7,897,295	-	\$1.68691	\$0	7,897,295	\$13,322,013
					0					

* Forecast

Elizabethtown Gas Company
Statement of Injections and Withdrawals - LNG Inventory
For the Period October 1, 2019 through September 30, 2020

Period	Injections		Inventory (Dth's)		Withdrawals			Ending Inventory	
	Dth's	Amount	Beginning	Ending	Dth's	Average Relief Rate (a)	Amount	Ending Inventory (Dth's)	Ending Inventory (\$)
Beginning Inventory								126,023	\$1,068,347
Oct-19	41,185	\$295,782	126,023	160,544	6,664	\$8.15828	\$54,366	160,544	\$1,309,763
Nov-19	-	\$0	160,544	155,672	4,872	\$8.15828	\$39,747	155,672	\$1,270,016
Dec-19	1,483	(\$6,149)	155,672	151,390	5,765	\$8.04217	\$46,363	151,390	\$1,217,504
Jan-20	-	\$0	151,390	147,959	3,431	\$8.04217	\$27,593	147,959	\$1,189,911
Feb-20	-	\$0	147,959	129,738	18,221	\$8.04217	\$146,536	129,738	\$1,043,375
Mar-20	-	\$0	129,738	125,892	3,846	\$8.04217	\$30,930	125,892	\$1,012,445
Apr-20	-	\$0	125,892	122,222	3,670	\$8.04217	\$29,515	122,222	\$982,930
May-20	*	\$0	122,222	118,421	3,801	\$8.04217	\$30,567	118,421	\$952,363
Jun-20	*	\$0	118,421	114,500	3,921	\$8.04218	\$31,533	114,500	\$920,830
Jul-20	*	\$0	114,500	110,074	4,426	\$8.04218	\$35,591	110,075	\$885,239
Aug-20	*	\$0	110,074	105,556	4,518	\$8.04214	\$36,335	105,557	\$848,904
Sep-20	*	\$374,005	105,556	138,714	4,642	\$8.53051	\$39,596	138,715	\$1,183,313

* Forecast

(a) The actual average relief rate is calculated by dividing the total of the monthly beginning inventory and injection dollars by the associated volumes.

Elizabethtown Gas Company
Statement of Injections and Withdrawals - Propane Inventory
For the Period October 1, 2019 through September 30, 2020

Period	Injections		Inventory (Dth's)		Withdrawals			Ending Inventory	
	Dth's	Amount	Beginning	Ending	Dth's	Average Relief Rate (a)	Amount	Ending Inventory (Dth's)	Ending Inventory (\$)
Beginning Inventory								8,495	\$55,466
Oct-19	-	\$0	8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Nov-19	-	\$0	8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Dec-19	-	\$0	8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Jan-20	-	\$0	8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Feb-20	-	\$0	8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Mar-20	-	\$0	8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Apr-20	-	\$0	8,495	8,495	-	\$ -	\$0	8,495	\$55,466
May-20	*		8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Jun-20	*		8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Jul-20	*		8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Aug-20	*		8,495	8,495	-	\$ -	\$0	8,495	\$55,466
Sep-20	*		8,495	8,495	-	\$ -	\$0	8,495	\$55,466

* Forecast

(a) The average relief rate is calculated by dividing the total of the monthly beginning inventory and injection dollars by the associated volumes.

Elizabethtown Gas Company
Statement of Intercompany Transactions
For the Period October 1, 2019 through September 30, 2020

<u>Affiliate</u>	<u>Period</u>	<u>Volumes (Dth)</u>	<u>Cost</u>	<u>Price per Dth</u>	<u>Description of terms</u>
Net Gas Purchases:					
South Jersey Resources	Oct-19	2,311,404	\$3,349,272	Various	System Normal Requirements
South Jersey Resources	Nov-19	3,448,805	\$8,115,937	Various	System Normal Requirements
South Jersey Resources	Dec-19	3,835,165	\$7,874,174	Various	System Normal Requirements
South Jersey Resources	Jan-20	3,390,113	\$6,552,096	Various	System Normal Requirements
South Jersey Resources	Feb-20	3,034,898	\$5,000,149	Various	System Normal Requirements
South Jersey Resources	Mar-20	1,927,435	\$2,900,781	Various	System Normal Requirements
South Jersey Resources	Apr-20	3,784,418	\$5,428,601	Various	System Normal Requirements

Elizabethtown Gas Company
Statement of Historical Service Interruptions
For the Period October 1, 2019 through September 30, 2020

Service Class	Dates Curtailed (Date Off - Date On)	Number of Customers	Reason
IS, CS & CSI	None		
Cogen Recall	None		

Note: Interruption due to System Gas Supply Protection because of cold weather.

ELIZABETHTOWN GAS COMPANY

Actual Peak Day Demand and Supply
November 2017 through March 2020

Year	Date	Temp.	Demand					Supply Source							
			Firm Demand ¹ (Dths)	LAUF ² (Dths)	Interruptible Demand (Dths)	Transport Demand (Dths)	Total Throughput (Dths)	Total Supply (Dths)	Storage (Dths)	Pipeline (Dths)	PEAKING				TPS Deliveries (dths)
											Contracted (dths)	Mechanical (dths)	3rd Party (dths)	Take-Back (dths)	
2017/2018	1	6-Jan-18	9	254,092	8,111	39	135,346	397,588	107,709	191,414	8,434	12	0	0	90,019
	2	5-Jan-18	12	255,728	7,973	36	127,107	390,844	95,933	151,805	4,628	50	46,000	0	92,428
	3	31-Dec-17	11	243,365	7,475	34	115,534	366,408	110,384	139,921	31,070	76	0	9,800	75,157
	4	1-Jan-18	16	241,240	7,330	38	110,696	359,304	107,669	147,690	10,100	85	0	9,800	83,960
	5	2-Jan-18	19	234,381	7,102	38	106,638	348,159	105,257	141,930	6,929	104	0	9,800	84,139
2018-2019	1	21-Jan-19	13	326,509	9,267	2	118,493	454,271	104,566	207,401	9,828	25,024	0	9,800	97,652
	2	31-Jan-19	13	309,676	9,122	24	128,311	447,133	102,967	207,157	4,123	27,143	0	9,800	95,943
	3	30-Jan-19	13	301,654	8,892	22	125,291	435,859	108,275	220,839	11,187	2,381	0	0	93,177
	4	1-Feb-19	18	290,745	8,434	26	114,222	413,427	95,082	203,679	10,024	144	20,000	0	84,498
	5	6-Mar-19	22	249,076	7,580	21	114,902	371,579	78,934	222,849	0	574	0	0	69,222
2019-2020	1	19-Dec-19	23	248,160	7,335	23	104,018	359,536	55,063	231,186	0	28	0	0	73,259
	2	20-Jan-20	26	244,104	7,060	22	94,902	346,088	73,581	165,282	0	49	0	0	107,176
	3	18-Dec-19	25	239,045	7,008	20	97,433	343,506	46,296	224,822	0	77	0	0	72,311
	4	14-Feb-20	23	236,980	6,965	19	97,440	341,404	67,877	178,443	0	8,066	0	0	87,018
	5	17-Jan-20	25	235,197	6,881	20	95,218	337,316	80,820	150,406	0	35	0	0	106,055

¹ Firm Demand has been reduced by an estimation of the commercial transportation volumes that are included in the data set.

² Assumes Lost and Unaccounted For of 2.04%.

Schedule TK-11

Elizabethtown Gas Company Hedging Report

	Normal Firm Requirements (dth)	Price Protected (dth)
Oct-2019	1,383,208	1,320,000
Nov-2019	2,839,759	910,000
Dec-2019	4,399,092	1,300,000
Jan-2020	5,581,803	1,510,000
Feb-2020	4,421,991	1,150,000
Mar-2020	3,449,531	1,010,000
Apr-2020	1,483,311	1,430,000
May-2020	554,438	1,010,000
Jun-2020	364,907	860,000
Jul-2020	414,463	880,000
Aug-2020	410,559	880,000
Sep-2020	524,195	900,000
	25,827,257	13,160,000

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:

1. 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 per therm rates:

<u>Effective Date</u>	<u>BGSS-M per therm</u>	<u>BGSS-P Per therm</u>
October 1, 2019	\$0.4883	\$0.4691
November 1, 2019	\$0.5069	\$0.4691
December 1, 2019	\$0.4929	\$0.4691
January 1, 2020	\$0.4588	\$0.4691
February 1, 2020	\$0.4280	\$0.4691
March 1, 2020	\$0.4219	\$0.4691
April 1, 2020	\$0.4014	\$0.4691
May 1, 2020	\$0.4189	\$0.4691
June 1, 2020	\$0.4110	\$0.4691
July 1, 2020	*	\$0.4691
August 1, 2020	*	\$0.4691
September 1, 2020	*	\$0.4691
October 1, 2020 (<i>Proposed BGSS-P Rate</i>)	*	\$0.4022

* To be determined

Date of Issue: **May 28, 2020**

Effective: Service Rendered
on and after **June 1, 2020**

Issued by: Christie McMullen, President
520 Green Lane
Union, New Jersey 07083

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

**ELIZABETHTOWN GAS COMPANY
DIRECT TESTIMONY OF
LEONARD J. WILLEY**

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 **A.** My name is Leonard J. Willey. My business address is 520 Green Lane, Union,
3 New Jersey 07083.

4 **Q. WHAT IS YOUR POSITION WITH ELIZABETHTOWN GAS COMPANY?**

5 **A.** I am employed as Manager, Gas Supply by Elizabethtown Gas Company
6 (“Elizabethtown” or “Company”).

7 **Q. WHAT ARE YOUR PROFESSIONAL QUALIFICATIONS?**

8 **A.** I received a Bachelor of Arts degree in Computer Science from Rutgers, The State
9 University of New Jersey with a minor in Economics in 1991. I have been
10 employed by Elizabethtown since September 1983 and have held a number of
11 positions in the planning and gas supply procurement area. During my tenure with
12 Elizabethtown, I have attended the American Gas Association’s (AGA) “Demand
13 Modeling and Forecasting” seminar, the Institute of Gas Technology’s “Energy
14 Modeling” seminar, the Institute for Professional Education (IPE) courses “Applied
15 Time Series: Analysis and Forecasting” and “Forecasting: Methods and
16 Applications”. In addition, I have attended various conferences and seminars on
17 topics and issues related to my job function. I am formerly a member of the AGA’s
18 Statistics and Load Forecasting Methods Committee.

19 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

20 **A.** My testimony supports the Company’s calculated Periodic Basic Gas Supply
21 Service (“BGSS-P”) rate of \$0.4022 per therm (including New Jersey Sales and

1 Use Tax (“SUT”). Schedules LJW-1 through LJW-17 provide support for the
2 Company’s calculation. My testimony also provides support for the capacity cost
3 component (“CCC-M”) charge used in setting the Monthly Basic Gas Supply
4 Service (“BGSS-M”) rates charged to our large commercial and industrial sales
5 customers. The Company proposes to establish a new CCC-M charge at \$0.1852
6 per therm, effective October 1, 2020.

7 **Q. DO YOU SPONSOR ANY SCHEDULES AS PART OF YOUR**
8 **TESTIMONY?**

9 **A.** Yes. My testimony includes the following schedules which were prepared under
10 my supervision and direction:

11 (i) Schedules LJW-1 through LJW-15 support the calculated BGSS-P rate and
12 reflect projected data for the period October 1, 2020 through September 30,
13 2021. These schedules provide information responsive to Minimum Filing
14 Requirements (“MFR”) numbers 2,4,5,6,7,8,11,12 and 17;

15 (ii) Schedule LJW-16 presents the historical and estimated supply and
16 demand requirements for Elizabethtown for the period November 2017
17 through October 2025. This schedule provides information responsive
18 to MFR 14; and

19 (iii) Schedule LJW-17 presents changes to the
20 Company’s portfolio of firm transportation and storage contracts
21 through the period ending September 30, 2021. This schedule provides
22 information responsive to MFR 18.

1 **Q. PLEASE EXPLAIN HOW THE COMPANY RECOVERS GAS COSTS**
2 **THROUGH THE BGSS CLAUSE.**

3 **A.** The Company recovers gas costs from its residential, small commercial and
4 gaslight sales customers through the BGSS-P rate, which is established in this
5 proceeding. The Company recovers gas costs from its large commercial, industrial
6 and electric generation customers through its BGSS-M rates, which are established
7 monthly. The BGSS-P rate is derived by determining the sum of the commodity
8 gas cost component (“GCC-P”), the capacity cost component (“CCC-P”), adding
9 an amount to adjust for prior period under or over-recoveries and adjusting the
10 resulting rate for applicable taxes. The capacity cost component is also used in the
11 determination of the monthly BGSS-M rate. However, BGSS-M rates are
12 established monthly; they are not established in this proceeding. In addition, for
13 certain non-firm service classifications, gas cost recovery rates are established by
14 tariff. Information concerning these rates is set forth on Schedule LJW-11.

15 **Q. HAVE THERE BEEN ANY CHANGES IN ELIZABETHTOWN’S ASSET**
16 **MANAGER AND PRIMARY SUPPLIER OF NATURAL GAS SINCE THE**
17 **COMPANY’S LAST FILING?**

18 **A.** No, South Jersey Resources Group LLC (“SJRG”), the Company’s affiliate,
19 continues to be its upstream capacity manager and principal supplier of natural gas
20 under a three (3) year asset management agreement for the term April 1, 2019
21 through March 31, 2022, which was authorized by the New Jersey Board of Public
22 Utilities (“BPU” or “Board”) by Order dated June 22, 2018 in BPU Docket No.
23 GM17121309. Under the current agreement the Company’s customers will receive

1 at least \$4.25 million of BGSS credits as a result of SJRG's asset management
2 activities. I describe the SJRG AMA in more detail below.

3 **Q. HAS THE USE OF AN ASSET MANAGER IN GENERAL, AND SJRG, IN**
4 **PARTICULAR, AFFECTED ELIZABETHTOWN'S GAS PURCHASING**
5 **GOALS AND OBJECTIVES?**

6 **A.** No. Elizabethtown's goal in purchasing gas is to obtain reliable sources of supply
7 at market-sensitive prices. Elizabethtown believes that by purchasing commodity
8 gas supplies at market prices and minimizing its fixed cost of purchasing gas to the
9 level no greater than that needed to assure reliability, Elizabethtown is able to
10 purchase gas for BGSS customers at the lowest reasonable level. The Company
11 has been able to accomplish this goal throughout the BGSS period under its
12 arrangement with SJRG. The prices that Elizabethtown has committed to pay for
13 gas under its arrangement with SJRG have been, and will continue to be, consistent
14 with market conditions. The replacement of Sequent with SJRG as asset manager
15 has not impacted Elizabethtown's gas purchasing goals and objectives.

16 **Q. WHAT IS THE COMPANY'S PROJECTED SALES QUANTITY FOR THE**
17 **BGSS PERIOD OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021?**

18 **A.** Schedule LJW-4 sets forth the sales level projected for the period October 1,
19 2020 through September 30, 2021 ("the BGSS Year"). The projection was
20 developed using a 10-year normal weather pattern based on the historical period of
21 July 1, 2009 through June 30, 2019, and adding estimated growth in the markets
22 served. Schedule LJW-6 presents the projected level of gas purchases and storage
23 activity necessary to serve the sales demand projection.

1 **Q. HAVE THERE BEEN ANY CHANGES TO THE METHODOLOGY USED**
2 **TO FORECAST THE SALES QUANTITIES UNDERLYING THE**
3 **COMPANY'S FILING SINCE THE COMPANY'S PREVIOUS BGSS-P**
4 **FILING?**

5 **A.** No, the forecast methodology used is the same as that used in last year's filing.
6 However, the underlying historical weather data used to develop the 10-year
7 normal, while still based on a rolling 10-year approach, uses a more current 10-year
8 period (July 1, 2009 through June 30, 2019) than the 10-year period (July 1, 2008
9 through June 30, 2018) used for last year's filing.

10 **Q. IS THE COMPANY PROJECTING A CHANGE IN SALES GROWTH**
11 **FROM THE PRIOR YEAR?**

12 **A.** No. The BGSS demand forecast for 2020-2021 is relatively flat, reflecting a slight
13 increase in overall throughput of sales and transportation demand relative to last
14 year's forecast. Total sales demand is projected to increase modestly when
15 compared to last year's numbers related to new, incremental growth and customer
16 migration between sales and transportation services.

17 **Q. HOW WAS THE GAS SUPPLY FORECAST DISPLAYED IN SCHEDULE**
18 **LJW-6 DEVELOPED?**

19 **A.** The Company developed and utilized an Excel based model to forecast the best mix
20 of gas purchases, storage and peaking supply needed to enable the Company to
21 meet its forecast sendout of natural gas for the BGSS Year. The model emulates
22 the gas supply process employed on a monthly and daily basis to meet customer
23 demands. The choice of natural gas supply is developed from the sources defined

1 to be available. The results obtained through use of the model are presented on
2 Schedule LJW-6.

3 **Q. PLEASE EXPLAIN HOW ELIZABETHTOWN PLANS TO MEET ITS**
4 **SUPPLY REQUIREMENTS IN THE BGSS YEAR.**

5 **A.** As noted above, Elizabethtown has entered into a contract with SJRG to provide
6 Elizabethtown with firm supply up to the amount of capacity that SJRG is managing
7 under the agreement. In addition to this supply, Elizabethtown retains control of
8 all of its peaking assets as well as several market-area storage assets used to balance
9 its system.

10 **Q. PLEASE DESCRIBE THE SJRG AMA.**

11 **A.** The SJRG AMA involves two contracts: an Asset Management and Agency
12 Agreement and a Gas Purchase and Sale Agreement. Under the terms of the
13 agreements, which are confidential, Elizabethtown has for all interstate pipeline and
14 storage capacity designated SJRG as its agent and where appropriate, has released
15 assets -- upstream pipeline transportation and storage contracts -- to SJRG. SJRG
16 also acts as agent for Elizabethtown under certain pre-existing supply contracts.
17 SJRG has the right to utilize all of Elizabethtown's upstream contracts as long as it
18 meets its supply obligations to Elizabethtown.

19 Under the SJRG AMA, SJRG is responsible for supplying Elizabethtown's
20 firm gas requirements up to the limit of the pipeline capacity covered by the
21 agreement. However, the contracts provide Elizabethtown with the flexibility to
22 dispatch gas to the Company's city gate in a best-cost manner. Elizabethtown
23 continues to maintain responsibility for the sourcing and dispatching of its gas

1 supply. Based on published natural gas index pricing and available pipeline
2 capacity and storage levels, Elizabethtown directs SJRG to the purchase points for
3 the Company's supply and designates the pipeline contracts under which SJRG is
4 to deliver natural gas supplies to Elizabethtown's city gate. SJRG is then required
5 to deliver the aggregate quantities of natural gas nominated by the Company. SJRG
6 is not required to physically flow gas in the same manner as it is nominated by
7 Elizabethtown, or to use the pipeline capacity designated by the Company;
8 however, SJRG is required to deliver the total nominated volumes and to bill the
9 Company using the published index pricing and associated pipeline tariff rates in
10 accordance with the Company's nominations.

11 Likewise, with regard to storage gas, Elizabethtown nominates to SJRG the
12 daily utilization of gas being injected and withdrawn from storage. Under the SJRG
13 AMA, Elizabethtown's market area storage contracts, other than those designated
14 as under the control of Elizabethtown, are to be refilled ratably during the seven-
15 month period April through October to a level equal to nearly 100% of capacity at
16 October 31. Those storage assets under the control of Elizabethtown will be filled
17 in accordance with the explicit direction of the Company. The Company is
18 invoiced based on the published index prices associated with its nominations to
19 SJRG for each storage contract. However, for those storage assets subject to ratable
20 fill, actual physical monthly flows may differ from the Company's nominations to
21 SJRG so long as the storages are filled as directed by the Company at October 31.
22 Historically, Elizabethtown has filled its market area storage to between 90% -
23 100% of capacity in order to allow a cushion for storage injections necessary to

1 balance pipeline transportation quantities if a warmer than normal start of winter
2 occurs.

3 **Q. DOES THE SJRG AMA REQUIRE SJRG TO COMPENSATE**
4 **ELIZABETHTOWN FOR ACTING AS ITS ASSET MANAGER?**

5 **A.** Yes. SJRG is required to pay a minimum of \$4.25 million as an annual fee to
6 Elizabethtown and SJRG and Elizabethtown share any margins derived by SJRG
7 in accordance with a formula set forth in the agreement. That formula provides that
8 70% of all margin earned by SJRG will be credited to the Company's customers if
9 the total margins earned are between \$8 million and \$14 million annually.

10 **Q. HOW HAS THE SJRG AMA AFFECTED THE COST OF GAS**
11 **PURCHASED FOR BGSS CUSTOMERS?**

12 **A.** The SJRG AMA permits Elizabethtown to obtain gas supplies at prices consistent
13 with market conditions. The Company continues to be responsible for sourcing gas
14 purchases and deliveries with the objective of minimizing costs without affecting
15 reliability of supply. The commodity cost of gas supply is based on published index
16 prices. Pipeline tariff rates paid for transportation, fuel and storage remain in
17 accordance with existing contracts. There are no other charges from SJRG to ETG
18 under the SJRG AMA. These aspects of the Company's agreement with SJRG,
19 coupled with the fee that SJRG is paying to Elizabethtown for the right to act as its
20 asset manager and natural gas supplier, have helped Elizabethtown realize an
21 overall cost to BGSS customers that is reasonable and consistent with market
22 conditions.

1 **Q. PLEASE EXPLAIN HOW THE FORECASTS OF PRICES FOR GAS**
2 **SUPPLIES AND SERVICES PROVIDED IN SCHEDULE LJW-7 WERE**
3 **DEVELOPED.**

4 **A.** In preparing Schedule LJW-7, Elizabethtown personnel reviewed current rates filed
5 by the Company's pipeline suppliers with the Federal Energy Regulatory
6 Commission ("FERC") to determine the likely level of rates for storage and
7 transportation services during the BGSS Year. The forecast rates include the
8 Annual Charge Adjustment ("ACA"), and any other surcharges approved by the
9 FERC.

10 The majority of the Company's sources of gas supply during the BGSS Year
11 have spot-related or index-based pricing terms that are market sensitive. The
12 projected commodity prices reflected on Schedule LJW-7 for these supply contracts
13 are based on the prices posted by the New York Mercantile Exchange ("NYMEX")
14 for the period October 2020 through September 2021 as established using the actual
15 NYMEX Futures settlement prices as closed on May 7, 2020. The prices for these
16 contracts also reflect the impact of financial hedging transactions that have been
17 put in place to mitigate price volatility under the Company's Gas Procurement
18 Strategy and Plan ("GPS&P"), which is discussed more fully below. Schedule
19 LJW-13 presents the detailed calculation of the "spot commodity price" that is
20 utilized on Schedule LJW-7. Prices for winter peaking supply are based on
21 contracts in place.

22 **Q. PLEASE EXPLAIN HOW THE COMPANY DEVELOPS ITS FORECAST**
23 **OF COMMODITY GAS COSTS.**

1 **A.** Because the majority of the Company’s sources of natural gas supply have spot-
 2 related or index-based pricing terms, the price of most of the natural gas purchased
 3 by the Company is forecast using the NYMEX settlement prices for the period
 4 October 2020 through September 2021 as the starting point. To determine the
 5 forecast price for each receipt point where the Company projects to purchase
 6 supplies, a forecast basis representing the difference between the index price at the
 7 individual receipt points and the NYMEX settlement prices is added to the
 8 NYMEX settlement prices mentioned previously. Those gas supply sources that are
 9 not based on spot prices or index-based pricing are priced in accordance with the
 10 pricing provisions of the applicable contracts. All variable costs associated with
 11 transporting the purchased gas from its point of purchase to the city gate, which
 12 include the cost of the gas retained for fuel or shrinkage and the variable tariff
 13 charges applied by the transporting pipelines, are added to determine the cost of
 14 gas. Finally, the impacts of any hedging transactions that have been put into place
 15 to mitigate price volatility are reflected to arrive at the total commodity cost of gas.

16 **Q. HOW DOES ELIZABETHTOWN DETERMINE THE CAPACITY COST**
 17 **COMPONENT OF THE BGSS-P RATE?**

18 **A.** The capacity cost component of the BGSS-P rate is determined by dividing the
 19 Company’s fixed capacity costs of purchasing natural gas, as set forth on Schedule
 20 LJW-8, by the projected quantities to be delivered to BGSS-P and BGSS-M
 21 customers, as set forth on Schedule LJW-5 page 2. The resulting CCC-P
 22 component is set forth on Schedule LJW-8.

1 **Q. PLEASE DESCRIBE THE CURRENT STATE OF THE NATURAL GAS**
2 **MARKET.**

3 **A.** Natural gas costs have trended lower than last year and were relatively flat this past
4 winter principally due to the mild weather. Price differentials between traditional
5 supply basins located in the South and shale basins located in the Northeast
6 continue to narrow as new capacity is brought online to deliver those supplies to
7 market. I expect market pricing to maintain a pattern of mild volatility coupled
8 with extreme pricing during near design peak weather conditions during the period
9 covered by this filing.

10 With respect to the NYMEX, settlement prices at the Henry Hub are approximately
11 \$0.772 per dekatherm lower this May compared to a year ago and for the 5-month
12 period January through May, the average NYMEX settlement price for 2020 was
13 approximately \$1.09 per dekatherm lower than for the same period in 2019.

14 In addition, while Northeastern shale prices are still less than Henry Hub
15 prices, current shale prices do not reflect the same level of discount they did
16 historically because of changes in interstate transportation capacity that have
17 increased deliverability to other markets. While shale gas production still helps to
18 maintain lower prices as compared to prices at the Henry Hub, the increase in
19 deliverability of shale gas has decreased the discount obtainable in recent years.

20 Price volatility is anticipated during the BGSS period with fundamentals
21 such as weather, availability of pipeline firm transportation capacity to markets and
22 production and storage inventory levels continuing to play a role in setting prices.
23 Normal to mild summer temperatures, National storage inventory levels as reported

1 by the EIA and the resulting demand needed to refill storage to the levels that have
2 been achieved over the last several years, and continued growth in shale production
3 would sustain the current level of summer pricing. At the same time however, there
4 are other factors that could send prices higher than current levels. Factors such as
5 continued coal-fired electric generation retirements, warmer-than-normal summer
6 weather causing increased electric demand, and/or projections of shortages or
7 problems with primary fuel sources for electric generation, such as nuclear outages,
8 could easily cause market prices for natural gas to rise during the summer and fall
9 seasons. Moreover, if the start to the coming winter is colder than normal and gas
10 production has not shown any significant growth, prices could increase.

11 These factors, as well as the timing of additional gas production from
12 unconventional sources, and new, incremental transportation capacity with the
13 ability to move stranded Marcellus and Utica shale gas to markets will continue to
14 drive prices. The impact of these factors on future prices and the timing of any
15 changes in prices, supply and/or demand are elusive and uncertain. The uncertainty
16 surrounding many of the factors that influence the short-term price of natural gas is
17 one of the reasons for volatility in natural gas prices.

18 **Q. WHAT STEPS DOES THE COMPANY TAKE TO HOLD ITS GAS COSTS**
19 **TO THE LOWEST REASONABLE LEVEL AND MANAGE PRICE**
20 **VOLATILITY?**

21 **A.** Elizabethtown employs various measures to obtain the lowest reasonable costs and
22 manage volatility including (1) employing its gas storage resources to eliminate
23 exposure to some of the volatility associated with wintertime price swings; (2)

1 continuing to implement its Gas Procurement Strategy and Plan (“GPS&P”) on file
2 with the Board; and (3) providing credits to firm customers as a result of the
3 Company’s outsourcing of its gas supply and upstream capacity management to
4 SJRG, as discussed above.

5 **Q. PLEASE EXPLAIN HOW ELIZABETHTOWN’S GAS STORAGE**
6 **RESOURCES AND GPS&P HELP TO ASSURE THAT ELIZABETHTOWN**
7 **OBTAINS REASONABLY PRICED COMMODITY SUPPLIES TO MEET**
8 **ITS SYSTEM REQUIREMENTS?**

9 **A.** The Company secures the majority of its natural gas commodity requirements at
10 the market prices in effect at the time the gas is needed. This assures that over the
11 long term, natural gas is purchased at the lowest reasonable cost, assuming that the
12 market for natural gas is truly open and competitive. However, purchasing natural
13 gas in this manner exposes the Company and its customers to price volatility. To
14 some extent, Elizabethtown is able to mitigate price instability during the winter
15 period through the use of storage. While the primary function of storage is to
16 provide a reliable, cost-effective means to meet the increased demands for natural
17 gas service in the winter, it also allows the Company to mitigate price volatility.
18 Because storage is filled in the non-winter, off-peak months, the price of storage
19 gas is unaffected by movements in the winter month prices. Elizabethtown has
20 9,226,821 dth of storage capacity, which is capable of satisfying approximately
21 49% of the Company’s winter natural gas requirements for BGSS-P customers.
22 The Company’s projected use of various storage inventories is detailed on
23 Schedules LJW-2 and LJW-10.

1 However, the natural price hedging aspects of storage, while significant, do not
2 provide the desired level of price volatility mitigation, especially during periods of
3 extreme natural gas price movements in an upward trending market. To further
4 enable the Company to mitigate volatility, the Company has implemented the
5 GPS&P. The GPS&P has the following stated objectives: 1) assure that any actions
6 taken to manage gas costs are not detrimental to gas supply reliability, 2) reduce
7 the risk of upward gas commodity price volatility, 3) preserve opportunities to take
8 advantage of declines in gas prices, and 4) allow for flexibility to adjust to market
9 changes. The focus of the GPS&P is on managing the purchased costs of natural
10 gas over rolling time frames. However, the GPS&P also establishes the framework
11 for an ongoing natural gas procurement process. Schedule LJW-14 contains the
12 four most recent quarterly filings the Company has submitted to the BPU on the
13 operation of the GPS&P.

14 **Q. HOW DOES THE GPS&P WORK?**

15 **A.** The plan sets forth a strategy to be employed to price-protect natural gas purchases.
16 It describes the price protection methods that can be used and the level of price
17 protection to be put in place. It establishes a base level of price protection for a
18 portion of firm natural gas supply requirements which is carried out in a formulaic
19 manner irrespective of where the market is at any given time.

20 **Q. WHAT IMPACT WILL THE IMPLEMENTATION OF THE GPS&P AND**
21 **THE COMPANY’S USE OF STORAGE HAVE ON ELIZABETHTOWN’S**
22 **GAS PURCHASES FOR THE 2020-2021 BGSS YEAR?**

1 **A.** As a result of implementing the GPS&P and its re-fill of storage, the Company will
2 have price-protected approximately 70% of its BGSS-P projected winter natural
3 gas purchase requirements for 2020-2021. Page 1 of Schedule LJW-14 presents the
4 current level of price protection the Company has put in place under its GPS&P for
5 the projected BGSS period.

6 **Q.** **WHAT LEVEL OF PIPELINE REFUNDS IS THE COMPANY**
7 **FORECASTING FOR THE BGSS YEAR?**

8 **A.** As reflected on Schedule LJW-9, the Company is not projecting any pipeline
9 refunds for this BGSS Year. Refunds generally result from final decisions
10 involving Elizabethtown’s pipelines in rate proceedings and storage projects before
11 the Federal Energy Regulatory Commission (“FERC”). Shippers of both
12 Transcontinental Gas Pipe Line Company, LLC and Texas Eastern Transmission,
13 LP have reached settlement. Texas Eastern has issued a refund that was received
14 May 20, 2020 and is reflected on Schedule TK-3. It is anticipated that
15 Transcontinental will issue its refund in July 2020 and an estimated amount has
16 been included on Schedule TK-3.

17 **Q.** **WILL THE COMPANY ENTER INTO ANY SEASONAL SUPPLY OR**
18 **CAPACITY CONTRACTS FOR THE UPCOMING BGSS YEAR?**

19 **A.** Yes, the Company plans to enter into contracts for additional bundled peaking
20 supplies for the 2020-2021 winter. The Company has identified the need for winter
21 peaking supply above the level of capacity currently under contract and plans to
22 secure these contracts through negotiations with vendors who respond to request
23 for proposal solicitations made by the Company. For the last several years, the

1 Company has used seasonal contracts as a means of meeting a portion of its
2 requirements for winter firm natural gas supply. The short-term nature of these
3 contracts allows the Company to adjust its supply portfolio from year to year as its
4 loads and load profiles change.

5 **Q. HAS THE COMPANY MADE ANY OTHER CHANGES IN ITS COMPANY**
6 **PORTFOLIO?**

7 **A.** Yes. The Company has extended the term of a firm transportation contract and a
8 no-notice firm transportation contract, both with Columbia Gas Transmission, for
9 an additional five (5) years. The Company has also acquired released, firm
10 transportation capacity on Tennessee Gas Pipeline, with a six (6) year term that will
11 replace an expired capacity release on the same interstate pipeline. This capacity
12 will be used to deliver storage gas withdrawn from the Stagecoach storage contract
13 to the Company's city-gate. discounted rate. Additionally, the Company has
14 executed a precedent agreement with Transcontinental Gas Pipe Line for
15 incremental firm transportation capacity that is expected to be in-service 4th quarter
16 2022. Schedule LJW-17 sets forth a summary of changes to the Company's
17 portfolio of interstate pipeline firm transportation and storage contracts.

18 **Q. DOES THE COMPANY HAVE ANY GAS SUPPLY OR CAPACITY**
19 **TRANSACTIONS WITH AFFILIATES IN EFFECT OR PLANNED FOR**
20 **THE PROJECTED BGSS PERIOD?**

21 **A.** Yes. SJRG is an affiliate of the Company and provides gas supply and capacity
22 management services under the terms that I previously described.

1 **Q. WHAT LEVEL OF MARGIN REVENUES DOES THE COMPANY**
2 **FORECAST FOR OFF-SYSTEM SALES AND CAPACITY RELEASE IN**
3 **THE BGSS PERIOD BEGINNING OCTOBER 1, 2020?**

4 **A.** As discussed above, under the terms of the SJRG AMA, SJRG has use of the
5 Company's pipeline and storage assets for off-system sales transactions, for which
6 it pays Elizabethtown a minimum annual fee of \$4.25 million. In addition, net
7 margins generated through the use of the Company's assets are to be shared per a
8 tiered sharing structure. For purposes of this filing, the Company is projecting
9 approximately \$7.8 million of total contributions, inclusive of the minimum annual
10 fee, from SJRG that is credited to the BGSS.

11 The Company also forecasts \$540,942 of capacity release credits under an
12 arrangement that was in place prior to the SJRG AMA. Of this total, \$459,804 is
13 projected to be credited to the BGSS clause under the 85%/15% sharing mechanism
14 that is in effect.

15 **Q. HAS ELIZABETHTOWN BEEN INVOLVED IN ANY FEDERAL ENERGY**
16 **REGULATORY COMMISSION ("FERC") ACTIVITIES OR**
17 **PROCEEDINGS ASSOCIATED WITH ITS PIPELINE SERVICE**
18 **PROVIDERS?**

19 **A.** Yes. Elizabethtown participates in such proceedings to ensure that the costs and
20 services it receives from its pipeline service providers remain reasonable and
21 continue to meet its needs in an economic manner. Schedule LJW-15 sets forth a
22 summary of the FERC proceedings that Elizabethtown has substantively
23 participated in during the past few years.

1 **Q. WHAT BGSS-P CHARGE IS THE COMPANY PROPOSING?**

2 **A.** The proposed BGSS-P charge, including taxes is \$0.4022 per therm to be effective
3 commencing October 1, 2020. The calculation of the proposed BGSS-P charge is
4 set forth on Schedule LJW-1 and results in a decrease to the current BGSS-P charge.

5 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

6 **A.** Yes, it does.

Elizabethtown Gas Company
Calculation of Charge for Periodic Basic Gas Supply Service
October 1, 2020 through September 30, 2021

1.	Beginning Inventory, October 1, 2020	(Schedule LJW-2)	\$14,560,792
2.	Plus Projected Purchases <i>October 1, 2020 through September 30, 2021</i>	(Schedule LJW-2)	\$138,141,954
3.	Less: Estimated Over Recovery from September 30, 2020	(Schedule TK-1)	(\$1,481,613)
4.	Less: Estimated Interest on monthly over recoveries during the period	(Schedule TK-6)	\$0
5.	Less: Projected Ending Inventory for September 30, 2021	(Schedule LJW-2)	\$18,603,058
6.	Less: Projected Credits, Refunds, etc. <i>October 1, 2020 through September 30, 2021</i>	(Schedule LJW-3)	\$8,237,764
7.	Less: Projected Gas Cost Recoveries from System Sales not subject to the recoverable unit Gas Cost of the BGSS Periodic	(Schedule LJW-5)	\$29,962,591
8.	Less: Projected Recoveries for the portion of October 2020 sales sent out in September 2020	(Schedule LJW-5, pg. 3)	\$1,045,137
9.	Net Recoverable Gas Costs		<u>\$93,372,582</u>
10.	Applicable Therm Sales, October 1, 2020 through September 30, 2021	(Schedule LJW-4, pg. 4)	247,549,188 Therms
11.	Recoverable Unit Gas Cost Through BGSS-P		\$0.377188 per thm
12.	Levelized BGSS-P (rounded to nearest 1/10000 of a dollar)		\$0.3772 per thm
13.	Plus: 6.625% Sales Tax		\$0.0250
14.	Total Levelized BGSS-P		<u>\$0.4022</u> per thm

Elizabethtown Gas Company

Statement of Gas Sendout For the Projected Period October 1, 2020 through September 30, 2021

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	PURCHASES			INVENTORY VOLUMES		SENDOUT		
PERIOD	Amount	Dth	Average Rate (col 1/2)	Beginning Dth	Ending Dth	Dth (col 2+4-5)	\$	Average Rate (col 7/6)
Oct 2020	\$10,185,757	2,676,290	\$3.80592	7,981,152	9,177,851	1,479,591	\$7,608,547	\$5.14233
Nov 2020	\$10,665,178	2,550,728	\$4.18123	9,177,851	8,362,244	3,366,335	\$12,050,238	\$3.57963
Dec 2020	\$13,354,473	3,181,670	\$4.19732	8,362,244	6,372,781	5,171,133	\$16,805,286	\$3.24983
Jan 2021	\$20,051,110	4,197,648	\$4.77675	6,372,781	3,794,536	6,775,893	\$24,667,417	\$3.64047
Feb 2021	\$14,311,017	3,450,679	\$4.14730	3,794,536	1,714,769	5,530,446	\$17,914,672	\$3.23928
Mar 2021	\$13,263,899	3,271,482	\$4.05440	1,714,769	434,360	4,551,891	\$15,493,740	\$3.40380
Apr 2021	\$12,151,729	3,482,613	\$3.48926	434,360	1,640,178	2,276,795	\$9,470,874	\$4.15974
May 2021	\$9,003,172	2,194,409	\$4.10278	1,640,178	2,851,076	983,511	\$6,442,448	\$6.55046
Jun 2021	\$8,440,565	1,828,311	\$4.61659	2,851,076	4,057,038	622,349	\$5,794,975	\$9.31146
Jul 2021	\$8,791,366	1,920,041	\$4.57874	4,057,038	5,302,821	674,258	\$6,007,097	\$8.90920
Aug 2021	\$8,804,707	1,916,209	\$4.59486	5,302,821	6,548,512	670,518	\$6,010,419	\$8.96384
Sep 2021	\$9,118,982	1,953,946	\$4.66696	6,548,512	7,791,493	710,965	\$5,833,974	\$8.20571
TOTAL	\$138,141,954	32,624,026	\$4.23436			32,813,685	\$134,099,687	\$4.08670
BEGINNING INVENTORY	\$14,560,792	7,981,152	\$1.82440					
	\$152,702,745	40,605,178	\$3.76067					
ENDING INVENTORY	\$18,603,058	7,791,493	\$2.38761					

Elizabethtown Gas Company

Statement of Gas Sendout For the Projected Period October 1, 2020 through September 30, 2021

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	PURCHASES				SENDOUT			
PERIOD	Dth	Demand	Commodity	Average Commodity Rate (col 3/1)	Dth	Demand	Commodity	Average Commodity Rate (col 7/5)
Oct 2020	2,676,290	\$4,739,245	\$5,446,512	\$2.03510	1,479,591	\$4,739,245	\$2,869,302	\$1.93925
Nov 2020	2,550,728	\$4,993,499	\$5,671,679	\$2.22355	3,366,335	\$4,993,499	\$7,056,739	\$2.09627
Dec 2020	3,181,670	\$5,119,716	\$8,234,757	\$2.58819	5,171,133	\$5,119,716	\$11,685,570	\$2.25977
Jan 2021	4,197,648	\$5,111,783	\$14,939,327	\$3.55898	6,775,893	\$5,111,783	\$19,555,634	\$2.88606
Feb 2021	3,450,679	\$4,872,971	\$9,438,046	\$2.73513	5,530,446	\$4,872,971	\$13,041,701	\$2.35816
Mar 2021	3,271,482	\$5,056,726	\$8,207,172	\$2.50870	4,551,891	\$5,056,726	\$10,437,014	\$2.29290
Apr 2021	3,482,613	\$4,809,524	\$7,342,204	\$2.10825	2,276,795	\$4,809,524	\$4,661,350	\$2.04733
May 2021	2,194,409	\$4,726,489	\$4,276,683	\$1.94890	983,511	\$4,726,489	\$1,715,959	\$1.74473
Jun 2021	1,828,311	\$4,649,724	\$3,790,840	\$2.07341	622,349	\$4,649,724	\$1,145,251	\$1.84021
Jul 2021	1,920,041	\$4,729,133	\$4,062,232	\$2.11570	674,258	\$4,729,133	\$1,277,964	\$1.89536
Aug 2021	1,916,209	\$4,726,489	\$4,078,218	\$2.12827	670,518	\$4,726,489	\$1,283,930	\$1.91483
Sep 2021	1,953,946	\$4,649,724	\$4,469,258	\$2.28730	710,965	\$4,649,724	\$1,184,250	\$1.66569
TOTAL	32,624,026	\$58,185,025	\$79,956,929	\$2.45086	32,813,685	\$58,185,025	\$75,914,662	\$2.31351

Elizabethtown Gas Company

Statement of (Over) Under Recoveries of Gas Costs
For the Projected Period October 1, 2020 through September 30, 2021
Based on BGSS-P Rate Effective Oct 1, 2020

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RECOVERABLE COSTS			GAS COST RECOVERIES			(OVER) UNDER RECOVERY		
		LESS	NET				TOTAL	MONTHLY	CUMULATIVE
PERIOD	GAS	SUPPLIER	RECOVERABLE	BGSS-P	BGSS-M	NON-	RECOVERIES	(OVER) UNDER	(OVER) UNDER
	SENDOUT	REFUNDS	COSTS	FIRM SALES	FIRM SALES	FIRM SALES	(COL 4+5+6)	RECOVERY	RECOVERY
		CREDITS &	(COL 1-2)					(COL 3-7)	
		OTHER							
BALANCE BEGINNING OCTOBER 1, 2020									(\$1,481,613) ¹
Oct 2020	\$7,608,547	\$39,052	\$7,569,495	\$2,083,569	\$1,096,229	\$146	\$3,179,944	\$4,389,551	\$2,907,938
Nov 2020	\$12,050,238	\$37,792	\$12,012,446	\$6,055,074	\$2,017,316	\$2,163	\$8,074,553	\$3,937,893	\$6,845,831
Dec 2020	\$16,805,286	\$1,101,552	\$15,703,734	\$12,322,581	\$3,553,442	\$55	\$15,876,078	(\$172,344)	\$6,673,487
Jan 2021	\$24,667,417	\$39,052	\$24,628,365	\$17,699,811	\$4,771,813	\$2,523	\$22,474,147	\$2,154,218	\$8,827,705
Feb 2021	\$17,914,672	\$35,272	\$17,879,400	\$20,049,504	\$5,745,311	\$3,034	\$25,797,849	(\$7,918,449)	\$909,256
Mar 2021	\$15,493,740	\$3,956,697	\$11,537,043	\$15,389,836	\$4,255,265	\$2,225	\$19,647,326	(\$8,110,283)	(\$7,201,027)
Apr 2021	\$9,470,874	\$37,792	\$9,433,082	\$10,118,521	\$2,853,697	\$968	\$12,973,186	(\$3,540,104)	(\$10,741,131)
May 2021	\$6,442,448	\$39,052	\$6,403,396	\$4,337,624	\$1,695,461	\$0	\$6,033,085	\$370,311	(\$10,370,820)
Jun 2021	\$5,794,975	\$1,100,292	\$4,694,683	\$1,822,233	\$1,058,534	\$5	\$2,880,772	\$1,813,911	(\$8,556,909)
Jul 2021	\$6,007,097	\$39,052	\$5,968,045	\$1,559,936	\$960,470	\$5	\$2,520,411	\$3,447,634	(\$5,109,275)
Aug 2021	\$6,010,419	\$39,052	\$5,971,367	\$1,462,282	\$987,798	\$0	\$2,450,080	\$3,521,287	(\$1,587,988)
Sep 2021	<u>\$5,833,974</u>	<u>\$1,773,107</u>	<u>\$4,060,867</u>	<u>\$1,516,748</u>	<u>\$956,131</u>	<u>\$0</u>	<u>\$2,472,879</u>	<u>\$1,587,988</u>	<u>\$0</u>
TOTALS	\$134,099,687	\$8,237,764	\$125,861,923	\$94,417,719	\$29,951,467	\$11,124	\$124,380,310	\$1,481,613	

¹ Represents projected (over) / under-recovery position as of Sept. 30, 2020 as shown on Schedule TK-1.

Elizabethtown Gas Company

Statement of (Over) Under Recoveries of Gas Costs For the Projected Period October 1, 2020 through September 30, 2021 Assuming Current BGSS-P Rate

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RECOVERABLE COSTS			GAS COST RECOVERIES				(OVER) UNDER RECOVERY	
		<u>LESS</u>							
PERIOD	GAS SENDOUT	SUPPLIER REFUNDS CREDITS & OTHER	NET RECOVERABLE COSTS (COL 1-2)	BGSS-P FIRM SALES	BGSS-M FIRM SALES	NON-FIRM SALES	TOTAL RECOVERIES (COL 4+5+6)	MONTHLY (OVER) UNDER RECOVERY (COL 3-7)	CUMULATIVE (OVER) UNDER RECOVERY
BALANCE BEGINNING OCTOBER 1, 2020									(\$1,481,613) ¹
Oct 2020	\$7,608,547	\$39,052	\$7,569,495	\$2,256,496	\$1,096,229	\$146	\$3,352,871	\$4,216,624	\$2,735,011
Nov 2020	\$12,050,238	\$37,792	\$12,012,446	\$7,063,408	\$2,017,316	\$2,163	\$9,082,887	\$2,929,559	\$5,664,570
Dec 2020	\$16,805,286	\$1,101,552	\$15,703,734	\$14,374,624	\$3,553,442	\$55	\$17,928,121	(\$2,224,387)	\$3,440,183
Jan 2021	\$24,667,417	\$39,052	\$24,628,365	\$20,647,308	\$4,771,813	\$2,523	\$25,421,644	(\$793,279)	\$2,646,904
Feb 2021	\$17,914,672	\$35,272	\$17,879,400	\$23,388,288	\$5,745,311	\$3,034	\$29,136,633	(\$11,257,233)	(\$8,610,329)
Mar 2021	\$15,493,740	\$3,956,697	\$11,537,043	\$17,952,660	\$4,255,265	\$2,225	\$22,210,150	(\$10,673,107)	(\$19,283,436)
Apr 2021	\$9,470,874	\$37,792	\$9,433,082	\$11,803,528	\$2,853,697	\$968	\$14,658,193	(\$5,225,111)	(\$24,508,547)
May 2021	\$6,442,448	\$39,052	\$6,403,396	\$5,059,956	\$1,695,461	\$0	\$6,755,417	(\$352,021)	(\$24,860,568)
Jun 2021	\$5,794,975	\$1,100,292	\$4,694,683	\$2,125,684	\$1,058,534	\$5	\$3,184,223	\$1,510,460	(\$23,350,108)
Jul 2021	\$6,007,097	\$39,052	\$5,968,045	\$1,819,708	\$960,470	\$5	\$2,780,183	\$3,187,862	(\$20,162,246)
Aug 2021	\$6,010,419	\$39,052	\$5,971,367	\$1,705,792	\$987,798	\$0	\$2,693,590	\$3,277,777	(\$16,884,469)
Sep 2021	<u>\$5,833,974</u>	<u>\$1,773,107</u>	<u>\$4,060,867</u>	<u>\$1,769,328</u>	<u>\$956,131</u>	<u>\$0</u>	<u>\$2,725,459</u>	<u>\$1,335,408</u>	<u>(\$15,549,061)</u>
TOTALS	<u>\$134,099,687</u>	<u>\$8,237,764</u>	<u>\$125,861,923</u>	<u>\$109,966,780</u>	<u>\$29,951,467</u>	<u>\$11,124</u>	<u>\$139,929,371</u>	<u>(\$14,067,448)</u>	

¹ Represents projected (over) / under-recovery position as of Sept. 30, 2020 as shown on Schedule TK-1.

Elizabethtown Gas Company
Projected Normalized Sales & Services

October 1, 2020 through September 30, 2021

Summary (in Therms)

	(1)	(2)	(3)
	<u>TOTAL SALES</u>	<u>TOTAL SERVICES</u>	<u>TOTAL THROUGHPUT</u>
Oct 2020	7,735,091	12,789,719	20,524,810
Nov 2020	20,600,243	15,902,702	36,502,946
Dec 2020	40,120,843	20,082,682	60,203,525
Jan 2021	56,647,125	22,614,326	79,261,451
Feb 2021	64,960,848	22,052,868	87,013,716
Mar 2021	49,804,159	20,112,405	69,916,563
Apr 2021	33,272,979	16,907,209	50,180,188
May 2021	15,358,482	13,623,111	28,981,593
Jun 2021	7,218,960	12,121,276	19,340,236
Jul 2021	6,279,618	11,938,456	18,218,074
Aug 2021	6,078,267	12,352,209	18,430,476
Sep 2021	6,161,631	10,360,517	16,522,148
TOTAL	<u><u>314,238,244</u></u>	<u><u>190,857,482</u></u>	<u><u>505,095,726</u></u>

**Elizabethtown Gas Company
Projected Normalized Sales**

October 1, 2020 through September 30, 2021

Sales (in Therms)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Firm Sales		Non- Firm Sales					
	BGSS-P	BGSS-M						
	RDS, SGS, GLS	GDS, LVD, EGF, NGV	IS	CS System	CS Spec Prov #3	CSI	Special Contract	TOTAL SALES
Oct 2020	5,128,400	2,606,346	92	0	0	253	0	7,735,091
Nov 2020	16,053,200	4,542,481	4,552	0	0	11	0	20,600,243
Dec 2020	32,669,600	7,451,127	0	0	0	116	0	40,120,843
Jan 2021	46,925,700	9,716,582	4,832	0	0	10	0	56,647,125
Feb 2021	53,155,200	11,799,777	5,861	0	0	10	0	64,960,848
Mar 2021	40,801,500	8,998,234	4,425	0	0	0	0	49,804,159
Apr 2021	26,826,200	6,444,664	2,104	0	0	10	0	33,272,979
May 2021	11,499,900	3,858,582	0	0	0	0	0	15,358,482
Jun 2021	4,831,100	2,387,849	0	0	0	10	0	7,218,960
Jul 2021	4,135,700	2,143,907	0	0	0	10	0	6,279,618
Aug 2021	3,876,800	2,201,467	0	0	0	0	0	6,078,267
Sep 2021	4,021,200	2,140,431	0	0	0	0	0	6,161,631
TOTAL	249,924,500	64,291,447	21,866	0	0	431	0	314,238,244

**Elizabethtown Gas Company
Projected Normalized Services**

October 1, 2020 through September 30, 2021

Services (in Therms)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
	Interruptible Transportation Service (ITS)				Transportation Service Special Provision #4 - CS	Firm Transportation Services				
	LVD	IS	CSI	Special Contract	CS-4	FTS	GDS	SGS	TOTAL SERVICES	
Oct 2020	5,092,459	142,247	0	0	260,203	3,814,210	3,390,200	90,400	12,789,719	
Nov 2020	5,659,365	191,807	0	0	0	4,149,530	5,698,800	203,200	15,902,702	
Dec 2020	6,441,055	240,567	0	0	0	4,397,461	8,645,400	358,200	20,082,682	
Jan 2021	7,054,121	253,667	0	0	0	3,649,737	11,117,900	538,900	22,614,326	
Feb 2021	6,058,292	222,562	0	0	0	3,706,614	11,478,500	586,900	22,052,868	
Mar 2021	6,404,681	249,275	0	0	0	4,226,749	8,783,200	448,500	20,112,405	
Apr 2021	6,089,158	201,738	0	0	0	4,007,013	6,300,400	308,900	16,907,209	
May 2021	5,585,789	143,440	0	0	134,431	3,612,952	3,998,300	148,200	13,623,111	
Jun 2021	5,550,742	126,567	0	0	318,922	3,413,246	2,639,700	72,100	12,121,276	
Jul 2021	5,328,376	121,364	0	0	434,065	3,780,752	2,213,900	60,000	11,938,456	
Aug 2021	5,794,404	123,853	0	0	286,986	3,648,064	2,434,900	64,000	12,352,209	
Sep 2021	3,968,041	120,228	0	0	270,423	3,610,825	2,330,500	60,500	10,360,517	
TOTAL	69,026,483	2,137,316	0	0	1,705,029	46,017,154	69,031,700	2,939,800	190,857,482	

Elizabethtown Gas Company

Development of Applicable Therm Sales

For the Period of October 1, 2020 through September 30, 2021

	<u>Therms</u>
TOTAL Firm Sales - RDS, SGS, GLS (October 2020 - September 2021)	249,924,500
LESS: Firm Sales - RDS, SGS, GLS from October 2020 sendout subject to current recoverable unit gas costs	<u>2,375,312</u>
APPLICABLE THERM SALES - October 1, 2020 through September 30, 2021	<u><u>247,549,188</u></u>

Elizabethtown Gas Company
Gas Cost Recoveries Summary

	FIRM GAS COST RECOVERIES	NON-FIRM GAS COST RECOVERIES
Oct 2020	\$3,179,798	\$146
Nov 2020	\$8,072,390	\$2,163
Dec 2020	\$15,876,023	\$55
Jan 2021	\$22,471,624	\$2,523
Feb 2021	\$25,794,815	\$3,034
Mar 2021	\$19,645,101	\$2,225
Apr 2021	\$12,972,218	\$968
May 2021	\$6,033,085	\$0
Jun 2021	\$2,880,767	\$5
Jul 2021	\$2,520,406	\$5
Aug 2021	\$2,450,080	\$0
Sep 2021	\$2,472,879	\$0
Total	\$124,369,186	\$11,124

Note: For details of October, see page 3 of this schedule.

Elizabethtown Gas Company
Firm Sales Gas Cost Recoveries

	BGSS-P RDS, SGS & GLS			BGSS-M GDS, LVD, EGF & NGV			Total Firm Sales	
	Sales (in Therms)	Applicable Recoverable Unit Gas Cost ²	Gas Cost Recovery	Sales (in Therms)	Gas Cost Recovery Rate ³	Gas Cost Recovery	Firm Sales (in Therms)	Gas Cost Recovery
Oct 2020	(1) 5,128,400	\$0.406281	\$2,083,569	2,606,346	\$0.420600	\$1,096,229	7,734,746	\$3,179,798
Nov 2020	16,053,200	\$0.377188	\$6,055,074	4,542,481	\$0.444100	\$2,017,316	20,595,681	\$8,072,390
Dec 2020	32,669,600	\$0.377188	\$12,322,581	7,451,127	\$0.476900	\$3,553,442	40,120,727	\$15,876,023
Jan 2021	46,925,700	\$0.377188	\$17,699,811	9,716,582	\$0.491100	\$4,771,813	56,642,282	\$22,471,624
Feb 2021	53,155,200	\$0.377188	\$20,049,504	11,799,777	\$0.486900	\$5,745,311	64,954,977	\$25,794,815
Mar 2021	40,801,500	\$0.377188	\$15,389,836	8,998,234	\$0.472900	\$4,255,265	49,799,734	\$19,645,101
Apr 2021	26,826,200	\$0.377188	\$10,118,521	6,444,664	\$0.442800	\$2,853,697	33,270,864	\$12,972,218
May 2021	11,499,900	\$0.377188	\$4,337,624	3,858,582	\$0.439400	\$1,695,461	15,358,482	\$6,033,085
Jun 2021	4,831,100	\$0.377188	\$1,822,233	2,387,849	\$0.443300	\$1,058,534	7,218,949	\$2,880,767
Jul 2021	4,135,700	\$0.377188	\$1,559,936	2,143,907	\$0.448000	\$960,470	6,279,607	\$2,520,406
Aug 2021	3,876,800	\$0.377188	\$1,462,282	2,201,467	\$0.448700	\$987,798	6,078,267	\$2,450,080
Sep 2021	4,021,200	\$0.377188	\$1,516,748	2,140,431	\$0.446700	\$956,131	6,161,631	\$2,472,879
Total	<u>249,924,500</u>		<u>\$94,417,719</u>	<u>64,291,447</u>		<u>\$29,951,467</u>	<u>314,215,947</u>	<u>\$124,369,186</u>

Notes:

- (1) For details of October (RDS, SGS, GLS), see page 3 of this schedule.
- (2) Recoverable Unit Gas Cost that underlies the BGSS rate in effect at the time of the sale.
- (3) Gas Cost Recovery rate is calculated in accordance with the methodology described in the respective service classifications as approved by the BPU in Docket No. GX01050304.

Elizabethtown Gas Company
Gas Cost Recoveries
October Firm BGSS-P Sales (RDS, SGS, GLS)

	(1)	(2)	(3) = (1) - (2)
Billing Cycle	Estimated Sales/Billing Cycle 10/1/2020 (Therms)	Sales for Service Rendered Prior to 10/1/2020 (Therms)	Estimated Sales for Service Rendered After 10/1/2020 (Therms)
1	143,576	139,089	4,487
2	235,805	219,543	16,262
3	123,473	110,700	12,773
4	220,205	189,832	30,373
5	163,293	126,420	36,873
6	368,474	266,826	101,648
7	134,398	92,688	41,710
8	252,671	165,543	87,128
9	142,640	88,535	54,105
10	303,845	166,625	137,220
11	200,494	96,790	103,704
12	271,516	121,714	149,802
13	190,437	78,802	111,635
14	296,439	112,442	183,997
15	308,150	99,403	208,747
16	530,727	128,107	402,620
17	261,755	54,156	207,599
18	317,166	54,684	262,482
19	252,224	34,790	217,434
20	295,772	28,623	267,149
21	115,340	0	115,340
Total	<u>5,128,400</u>	<u>2,375,312</u>	<u>2,753,088</u>
Applicable Recoverable Unit Gas Cost		\$0.440000 /th	\$0.377188 /th
Gas Cost Recovery		<u>\$1,045,137</u>	<u>\$1,038,432</u>
Total Gas Cost Recovery for October 2020	<u>\$2,083,569</u>		

**Elizabethtown Gas Company
Non-Firm Sales Gas Cost Recoveries**

	<u>IS</u>			<u>CSI</u>			<u>Special Contract</u>			<u>CS</u>			<u>Total Non-Firm Sales</u>	
	<u>Sales (Therms)</u>	<u>Applicable Recoverable Unit Gas Cost</u>	<u>Gas Cost Recovery</u>	<u>Sales (Therms)</u>	<u>Applicable Recoverable Unit Gas Cost</u>	<u>Gas Cost Recovery</u>	<u>Sales (Therms)</u>	<u>Applicable Recoverable Unit Gas Cost</u>	<u>Gas Cost Recovery</u>	<u>Sales (Therms)</u>	<u>Applicable Recoverable Unit Gas Cost</u>	<u>Gas Cost Recovery</u>	<u>Sales (Therms)</u>	<u>Gas Cost Recovery</u>
Oct 2020	92	\$0.435600	\$40	253	\$0.420600	\$106	0	\$0.211514	\$0	0	\$0.435600	\$0	345	\$146
Nov 2020	4,552	\$0.474100	\$2,158	11	\$0.444100	\$5	0	\$0.270624	\$0	0	\$0.474100	\$0	4,563	\$2,163
Dec 2020	0	\$0.506900	\$0	116	\$0.476900	\$55	0	\$0.316309	\$0	0	\$0.506900	\$0	116	\$55
Jan 2021	4,832	\$0.521100	\$2,518	10	\$0.491100	\$5	0	\$0.350607	\$0	0	\$0.521100	\$0	4,843	\$2,523
Feb 2021	5,861	\$0.516900	\$3,029	10	\$0.486900	\$5	0	\$0.330716	\$0	0	\$0.516900	\$0	5,871	\$3,034
Mar 2021	4,425	\$0.502900	\$2,225	0	\$0.472900	\$0	0	\$0.309335	\$0	0	\$0.502900	\$0	4,425	\$2,225
Apr 2021	2,104	\$0.457800	\$963	10	\$0.442800	\$5	0	\$0.256678	\$0	0	\$0.457800	\$0	2,115	\$968
May 2021	0	\$0.454400	\$0	0	\$0.439400	\$0	0	\$0.232160	\$0	0	\$0.454400	\$0	0	\$0
Jun 2021	0	\$0.458300	\$0	10	\$0.443300	\$5	0	\$0.245631	\$0	0	\$0.458300	\$0	10	\$5
Jul 2021	0	\$0.463000	\$0	10	\$0.448000	\$5	0	\$0.250288	\$0	0	\$0.463000	\$0	10	\$5
Aug 2021	0	\$0.463700	\$0	0	\$0.448700	\$0	0	\$0.250985	\$0	0	\$0.463700	\$0	0	\$0
Sep 2021	0	\$0.461700	\$0	0	\$0.446700	\$0	0	\$0.247993	\$0	0	\$0.461700	\$0	0	\$0
Total	<u>21,866</u>		<u>\$10,933</u>	<u>431</u>		<u>\$191</u>	<u>0</u>		<u>\$0</u>	<u>0</u>		<u>\$0</u>	<u>22,297</u>	<u>\$11,124</u>

Elizabethtown Gas Company
Supply/Demand Balance
(in MDth's)

	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	TOTAL
<u>Sendout</u>													
Firm	1,393.2	3,253.5	4,992.1	6,533.1	5,329.6	4,392.9	2,153.2	913.5	565.3	614.4	610.8	651.1	31,402.7
Non-Firm	0.0	0.5	0.0	0.5	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	2.2
Net Gas Sendout	1,393.2	3,254.0	4,992.2	6,533.6	5,330.2	4,393.3	2,153.4	913.5	565.3	614.4	610.8	651.1	31,404.9
<u>Firm Supplies</u>	1,400.9	256.9	1,477.4	2,482.9	1,600.4	962.7	1,642.5	1,638.4	1,623.5	1,572.9	1,520.5	1,516.2	17,695.2
<u>Spot Supplies</u>	1,275.4	2,293.8	1,704.3	1,668.2	1,840.5	2,308.8	1,841.5	557.3	206.1	348.5	397.1	439.0	14,880.6
<u>Other</u>													
Take-back Peaking Supply	0.0	0.0	0.0	19.6	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4
Peaking Supplies	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0
Total Supplemental Gas	0.0	0.0	0.0	46.6	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.4
TOTAL GAS PURCHASES	2,676.3	2,550.7	3,181.7	4,197.6	3,450.7	3,271.5	3,484.0	2,195.8	1,829.6	1,921.4	1,917.6	1,955.3	32,632.2
<u>On-Site LNG Activity</u>													
LNG Refill	(35.1)	(5.4)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(37.8)	(78.3)
LNG (Boil-off)	4.0	3.6	3.4	3.5	3.1	3.5	3.6	3.8	3.9	4.4	4.5	4.6	46.0
LNG Peaking	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2
<u>Storage Activity</u>													
Injections	(1,156.0)	0.0	0.0	0.0	0.0	0.0	(1,203.7)	(1,241.0)	(1,211.3)	(1,251.6)	(1,251.6)	(1,214.7)	(8,530.0)
Withdrawals	0.0	818.6	1,991.6	2,559.8	2,081.8	1,279.8	0.0	0.0	0.0	0.0	0.0	0.0	8,731.5
<u>Fuel Retainage</u>	(108.1)	(113.6)	(184.5)	(248.5)	(205.4)	(161.4)	(153.7)	(98.4)	(79.5)	(83.0)	(82.9)	(82.3)	(1,601.4)
<u>Net System Supply</u>	1,381.1	3,254.0	4,992.1	6,533.6	5,330.2	4,393.3	2,130.2	860.1	542.8	591.2	587.5	625.1	31,221.2

Elizabethtown Gas Company
Detail Support of Projected Demand Charges included in the June 1, 2020 BGSS Filing

SCHEDULE LJW-7

		Cost Type	Billing Determinant		Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	TOTAL
BUNDLED PEAKING		Demand				\$130,000.00	\$289,800.00	\$289,800.00	\$289,800.00	\$289,800.00	\$159,800.00						\$1,449,000.00
Contract No.	Cost Type	Billing Determinant			Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	TOTAL
STORAGE			Demand	Other	Capacity												
COL FSS	207297	Demand	3,644			\$1.50100	\$1.50100	\$1.50100	\$1.50100	\$1.50100	\$1.50100	\$1.50100	\$1.50100	\$1.50100	\$1.50100	\$1.50100	\$65,635.73
		Capacity			230,168	\$0.02880	\$0.02880	\$0.02880	\$0.02880	\$0.02880	\$0.02880	\$0.02880	\$0.02880	\$0.02880	\$0.02880	\$0.02880	\$79,546.06
						\$12,098.48	\$12,098.48	\$12,098.48	\$12,098.48	\$12,098.48	\$12,098.48	\$12,098.48	\$12,098.48	\$12,098.48	\$12,098.48	\$12,098.48	\$145,181.79
DTI GSS (#1)	5F2468	Demand	10,826			\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$242,909.46
		Capacity			645,244	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$112,272.46
						\$29,598.49	\$29,598.49	\$29,598.49	\$29,598.49	\$29,598.49	\$29,598.49	\$29,598.49	\$29,598.49	\$29,598.49	\$29,598.49	\$29,598.49	\$355,181.92
DTI GSS (#2)	5F2469	Demand	16,667			\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$373,967.48
		Capacity			1,666,666	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$289,999.88
						\$55,330.61	\$55,330.61	\$55,330.61	\$55,330.61	\$55,330.61	\$55,330.61	\$55,330.61	\$55,330.61	\$55,330.61	\$55,330.61	\$55,330.61	\$663,967.36
DTI GSS-TE	600050	Demand	23,190			\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$1.86980	\$520,327.94
		Capacity			2,387,206	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$0.01450	\$415,373.84
						\$77,975.15	\$77,975.15	\$77,975.15	\$77,975.15	\$77,975.15	\$77,975.15	\$77,975.15	\$77,975.15	\$77,975.15	\$77,975.15	\$77,975.15	\$935,701.78
Petal	5904	Demand	10,000			\$0.58000	\$0.58000	\$0.58000	\$0.58000	\$0.58000	\$0.58000	\$0.58000	\$0.58000	\$0.58000	\$0.58000	\$0.58000	\$69,600.00
		Capacity			100,000	\$0.20500	\$0.20500	\$0.20500	\$0.20500	\$0.20500	\$0.20500	\$0.20500	\$0.20500	\$0.20500	\$0.20500	\$0.20500	\$246,000.00
						\$26,300.00	\$26,300.00	\$26,300.00	\$26,300.00	\$26,300.00	\$26,300.00	\$26,300.00	\$26,300.00	\$26,300.00	\$26,300.00	\$26,300.00	\$315,600.00
Stagecoach	166	Demand	3,040			\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00
		Capacity			304,000	\$0.11930	\$0.11930	\$0.11930	\$0.11930	\$0.11930	\$0.11930	\$0.11930	\$0.11930	\$0.11930	\$0.11930	\$0.11930	\$435,206.40
						\$36,267.20	\$36,267.20	\$36,267.20	\$36,267.20	\$36,267.20	\$36,267.20	\$36,267.20	\$36,267.20	\$36,267.20	\$36,267.20	\$36,267.20	\$435,206.40
Arlington (Steub)	5	Demand	5,556			\$4.36380	\$4.36380	\$4.36380	\$4.36380	\$4.36380	\$4.36380	\$4.36380	\$4.36380	\$4.36380	\$4.36380	\$4.36380	\$290,943.27
		Capacity			500,000	\$0.04190	\$0.04190	\$0.04190	\$0.04190	\$0.04190	\$0.04190	\$0.04190	\$0.04190	\$0.04190	\$0.04190	\$0.04190	\$251,400.00
						\$45,195.27	\$45,195.27	\$45,195.27	\$45,195.27	\$45,195.27	\$45,195.27	\$45,195.27	\$45,195.27	\$45,195.27	\$45,195.27	\$45,195.27	\$542,343.27
TE SS-1	400258	Demand	3,646			\$6.59600	\$6.59600	\$6.59600	\$6.59600	\$6.59600	\$6.59600	\$6.59600	\$6.59600	\$6.59600	\$6.59600	\$6.59600	\$288,588.19
		Capacity			31,659	\$0.33710	\$0.33710	\$0.33710	\$0.33710	\$0.33710	\$0.33710	\$0.33710	\$0.33710	\$0.33710	\$0.33710	\$0.33710	\$128,066.99
						\$34,721.26	\$34,721.26	\$34,721.26	\$34,721.26	\$34,721.26	\$34,721.26	\$34,721.26	\$34,721.26	\$34,721.26	\$34,721.26	\$34,721.26	\$416,655.18
TN FS-MA	339377	Demand	1,014			\$1.33860	\$1.33860	\$1.33860	\$1.33860	\$1.33860	\$1.33860	\$1.33860	\$1.33860	\$1.33860	\$1.33860	\$1.33860	\$16,288.08
		Capacity			100,485	\$0.01830	\$0.01830	\$0.01830	\$0.01830	\$0.01830	\$0.01830	\$0.01830	\$0.01830	\$0.01830	\$0.01830	\$0.01830	\$22,066.51
						\$3,196.22	\$3,196.22	\$3,196.22	\$3,196.22	\$3,196.22	\$3,196.22	\$3,196.22	\$3,196.22	\$3,196.22	\$3,196.22	\$3,196.22	\$38,354.59
TR GSS	9213011	Demand	27,604			\$0.10552	\$0.10552	\$0.10552	\$0.10552	\$0.10552	\$0.10552	\$0.10552	\$0.10552	\$0.10552	\$0.10552	\$0.10552	\$1,063,162.54
		Capacity			1,759,955	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$0.00063	\$404,701.65
						\$124,667.92	\$120,646.37	\$124,667.92	\$124,667.92	\$112,603.28	\$124,667.92	\$120,646.37	\$124,667.92	\$120,646.37	\$124,667.92	\$120,646.37	\$1,467,864.19
TR LSS	9213012	Demand	8,000			\$0.16333	\$0.16333	\$0.16333	\$0.16333	\$0.16333	\$0.16333	\$0.16333	\$0.16333	\$0.16333	\$0.16333	\$0.16333	\$476,923.60
		Capacity			600,000	\$0.00060	\$0.00060	\$0.00060	\$0.00060	\$0.00060	\$0.00060	\$0.00060	\$0.00060	\$0.00060	\$0.00060	\$0.00060	\$131,400.00
						\$51,665.84	\$49,999.20	\$51,665.84	\$51,665.84	\$46,665.92	\$51,665.84	\$49,999.20	\$51,665.84	\$49,999.20	\$51,665.84	\$49,999.20	\$608,323.60
TR S-2	9213010	Demand	7,267			\$0.25129	\$0.25129	\$0.25129	\$0.25129	\$0.25129	\$0.25129	\$0.25129	\$0.25129	\$0.25129	\$0.25129	\$0.25129	\$666,535.42
		Capacity			54,432	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$298,611.23
						\$79,327.12	\$81,971.36	\$81,971.36	\$74,038.65	\$81,971.36	\$79,327.12	\$81,971.36	\$79,327.12	\$81,971.36	\$81,971.36	\$79,327.12	\$965,146.65
TR LNG	9213335	Demand	38,950			\$0.03579	\$0.03579	\$0.03579	\$0.03579	\$0.03579	\$0.03579	\$0.03579	\$0.03579	\$0.03579	\$0.03579	\$0.03579	\$508,817.48
		Capacity			154,951	\$0.00690	\$0.00690	\$0.00690	\$0.00690	\$0.00690	\$0.00690	\$0.00690	\$0.00690	\$0.00690	\$0.00690	\$0.00690	\$390,244.09
						\$76,358.65	\$73,895.47	\$76,358.65	\$76,358.65	\$68,969.11	\$76,358.65	\$73,895.47	\$76,358.65	\$73,895.47	\$76,358.65	\$73,895.47	\$899,061.57
TR WSS	9213322	Demand	35,923			\$0.03102	\$0.03102	\$0.03102	\$0.03102	\$0.03102	\$0.03102	\$0.03102	\$0.03102	\$0.03102	\$0.03102	\$0.03102	\$406,730.98
		Capacity			3,412,638	\$0.00033	\$0.00033	\$0.00033	\$0.00033	\$0.00033	\$0.00033	\$0.00033	\$0.00033	\$0.00033	\$0.00033	\$0.00033	\$411,052.25
						\$69,455.56	\$67,215.06	\$69,455.56	\$69,455.56	\$62,734.06	\$69,455.56	\$67,215.06	\$69,455.56	\$67,215.06	\$69,455.56	\$67,215.06	\$817,783.23

Elizabethtown Gas Company
Detail Support of Projected Demand Charges included in the June 1, 2020 BGSS Filing

SCHEDULE LJW-7

Contract No.	Cost Type	Billing Determinant			Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	TOTAL
		Demand	Other	Capacity													
STORAGE																	
9213323	Demand	29,822			\$0.02979	\$0.02979	\$0.02979	\$0.02979	\$0.02979	\$0.02979	\$0.02979	\$0.02979	\$0.02979	\$0.02979	\$0.02979	\$0.02979	\$324,265.04
(Eminence Enhancement Proj.)	Demand	29,822			\$0.01401	\$0.01401	\$0.01401	\$0.01401	\$0.01401	\$0.01401	\$0.01401	\$0.01401	\$0.01401	\$0.01401	\$0.01401	\$0.01401	\$152,499.27
	Capacity		250,075		\$0.00412	\$0.00412	\$0.00412	\$0.00412	\$0.00412	\$0.00412	\$0.00412	\$0.00412	\$0.00412	\$0.00412	\$0.00412	\$0.00412	\$376,062.79
(Eminence Enhancement Proj.)	Capacity		250,075		\$0.00140	\$0.00140	\$0.00140	\$0.00140	\$0.00140	\$0.00140	\$0.00140	\$0.00140	\$0.00140	\$0.00140	\$0.00140	\$0.00140	\$127,788.33
					\$83,285.15	\$80,598.53	\$83,285.15	\$83,285.15	\$75,225.29	\$83,285.15	\$80,598.53	\$83,285.15	\$80,598.53	\$83,285.15	\$83,285.15	\$80,598.53	\$980,615.43
	Subtotal Storage				\$805,442.93	\$795,008.68	\$808,087.17	\$800,154.46	\$768,851.71	\$805,442.93	\$795,008.68	\$805,442.93	\$795,008.68	\$808,087.17	\$805,442.93	\$795,008.68	\$9,586,986.96
FIRM TRANSPORT CAPACITY																	
207195	Demand		3,644		\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$153,069.86
			1,822							\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$7.00100	\$76,534.93
					\$25,511.64	\$25,511.64	\$25,511.64	\$25,511.64	\$25,511.64	\$12,755.82	\$12,755.82	\$12,755.82	\$12,755.82	\$12,755.82	\$12,755.82	\$12,755.82	\$229,604.80
207204	Demand		12,736		\$7.16100	\$7.16100	\$7.16100	\$7.16100	\$7.16100	\$7.16100	\$7.16100	\$7.16100	\$7.16100	\$7.16100	\$7.16100	\$7.16100	\$1,094,429.95
					\$91,202.50	\$91,202.50	\$91,202.50	\$91,202.50	\$91,202.50	\$91,202.50	\$91,202.50	\$91,202.50	\$91,202.50	\$91,202.50	\$91,202.50	\$91,202.50	\$1,094,429.95
207205	Demand		10,000		\$8.58000	\$8.58000	\$8.58000	\$8.58000	\$8.58000	\$8.58000	\$8.58000	\$8.58000	\$8.58000	\$8.58000	\$8.58000	\$8.58000	\$1,029,600.00
					\$85,800.00	\$85,800.00	\$85,800.00	\$85,800.00	\$85,800.00	\$85,800.00	\$85,800.00	\$85,800.00	\$85,800.00	\$85,800.00	\$85,800.00	\$85,800.00	\$1,029,600.00
200748	Demand		5,522		\$2.28230	\$2.28230	\$2.28230	\$2.28230	\$2.28230	\$2.28230	\$2.28230	\$2.28230	\$2.28230	\$2.28230	\$2.28230	\$2.28230	\$151,234.33
					\$12,602.86	\$12,602.86	\$12,602.86	\$12,602.86	\$12,602.86	\$12,602.86	\$12,602.86	\$12,602.86	\$12,602.86	\$12,602.86	\$12,602.86	\$12,602.86	\$151,234.33
200750	Demand		17,120		\$6.19570	\$6.19570	\$6.19570	\$6.19570	\$6.19570	\$6.19570	\$6.19570	\$6.19570	\$6.19570	\$6.19570	\$6.19570	\$6.19570	\$1,272,844.61
					\$106,070.38	\$106,070.38	\$106,070.38	\$106,070.38	\$106,070.38	\$106,070.38	\$106,070.38	\$106,070.38	\$106,070.38	\$106,070.38	\$106,070.38	\$106,070.38	\$1,272,844.61
5E4115	Demand		6,444		\$4.16770	\$4.16770	\$4.16770	\$4.16770	\$4.16770	\$4.16770	\$4.16770	\$4.16770	\$4.16770	\$4.16770	\$4.16770	\$4.16770	\$322,279.91
					\$26,856.66	\$26,856.66	\$26,856.66	\$26,856.66	\$26,856.66	\$26,856.66	\$26,856.66	\$26,856.66	\$26,856.66	\$26,856.66	\$26,856.66	\$26,856.66	\$322,279.91
49785	Demand		15,000		\$0.19000	\$0.19000	\$0.19000	\$0.19000	\$0.19000	\$0.19000	\$0.19000	\$0.19000	\$0.19000	\$0.19000	\$0.19000	\$0.19000	\$1,040,250.00
					\$88,350.00	\$85,500.00	\$88,350.00	\$88,350.00	\$79,800.00	\$88,350.00	\$85,500.00	\$88,350.00	\$85,500.00	\$88,350.00	\$88,350.00	\$85,500.00	\$1,040,250.00
E12398	Demand	11,090			\$4.64550	\$4.64550	\$4.64550	\$4.64550	\$4.64550	\$4.64550	\$4.64550	\$4.64550	\$4.64550	\$4.64550	\$4.64550	\$4.64550	\$618,223.14
	Greenhouse Gas & Pipe Safety				\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00
					\$51,518.60	\$51,518.60	\$51,518.60	\$51,518.60	\$51,518.60	\$51,518.60	\$51,518.60	\$51,518.60	\$51,518.60	\$51,518.60	\$51,518.60	\$51,518.60	\$618,223.14
F12397	Demand	15,805			\$4.50190	\$4.50190	\$4.50190	\$4.50190	\$4.50190	\$4.50190	\$4.50190	\$4.50190	\$4.50190	\$4.50190	\$4.50190	\$4.50190	\$853,830.35
	Greenhouse Gas & Pipe Safety				\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00
					\$71,152.53	\$71,152.53	\$71,152.53	\$71,152.53	\$71,152.53	\$71,152.53	\$71,152.53	\$71,152.53	\$71,152.53	\$71,152.53	\$71,152.53	\$71,152.53	\$853,830.35
PSEG Exchange	Reservation		1			\$174,230.00											\$174,230.00
9213318	Demand		5,000		\$0.64384	\$0.64384	\$0.64384	\$0.64384	\$0.64384	\$0.64384	\$0.64384	\$0.64384	\$0.64384	\$0.64384	\$0.64384	\$0.64384	\$1,175,008.00
9213318	Demand		5,000		\$0.64205	\$0.64205	\$0.64205	\$0.64205	\$0.64205	\$0.64205	\$0.64205	\$0.64205	\$0.64205	\$0.64205	\$0.64205	\$0.64205	\$1,171,741.25
9213317	Demand		5,000		\$0.89384	\$0.89384	\$0.89384	\$0.89384	\$0.89384	\$0.89384	\$0.89384	\$0.89384	\$0.89384	\$0.89384	\$0.89384	\$0.89384	\$1,631,258.00
					\$337,858.15	\$326,959.50	\$337,858.15	\$337,858.15	\$305,162.20	\$337,858.15	\$326,959.50	\$337,858.15	\$326,959.50	\$337,858.15	\$337,858.15	\$326,959.50	\$3,978,007.25
911518	Demand		5,000		\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$425,760.00
					\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$425,760.00
911520	Demand		1,348		\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$200,339.76
	Demand		760		\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$24,095.04
	Demand		212		\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$6,929.86
	Demand		366		\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$31,446.72
	Demand		416		\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$19,169.28
					\$23,498.39	\$23,498.39	\$23,498.39	\$23,498.39	\$23,498.39	\$23,498.39	\$23,498.39	\$23,498.39	\$23,498.39	\$23,498.39	\$23,498.39	\$23,498.39	\$281,980.66

Elizabethtown Gas Company
Detail Support of Projected Demand Charges included in the June 1, 2020 BGSS Filing

SCHEDULE LJW-7

Contract No.	Cost Type	Billing Determinant		Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	TOTAL	
		Demand	Other														
FIRM TRANSPORT CAPACITY																	
TE FTS-7	911513	Demand	14,298	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$7.72200	\$1,324,909.87
				\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$110,409.16	\$1,324,909.87
TE FTS-5	911512	Demand	16,666	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$6.27900	\$1,255,749.77
				\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$104,645.81	\$1,255,749.77
TE CDS	911522	Demand	20,220	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$12.60800	\$3,059,205.12
		Demand	11,397	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$2.86500	\$391,828.86
		Demand	3,174	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$2.94700	\$112,245.34
		Demand	5,496	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$7.38300	\$486,923.62
		Demand	6,239	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$4.06300	\$304,188.68
				\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$362,865.97	\$4,354,391.62
TE FT-1	911517	Demand	5,394	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$12.38500	\$801,656.28
		Demand	3,040	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$2.64200	\$96,380.16
		Demand	847	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$2.72400	\$27,686.74
		Demand	1,466	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$7.16000	\$125,958.72
		Demand	1,664	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$3.84000	\$76,677.12
				\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$94,029.92	\$1,128,359.02
TE FTS-8	911511	Demand	4,432	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$7.77900	\$413,718.34
			4,034	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$7.57800	\$366,835.82
				\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$65,046.18	\$780,554.16
TE FT-1	911519	Demand	5,000	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$425,760.00
				\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$35,480.00	\$425,760.00
TE FT-1	911523	Demand	20,000	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$7.09600	\$1,703,040.00
				\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$141,920.00	\$1,703,040.00
TE FTS	911510	Demand	1,520	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$5.93700	\$108,290.88
				\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$9,024.24	\$108,290.88
TGP FT-A (Capacity Release)	317355	Demand	3,000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$21.90000	\$788,400.00
				\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$65,700.00	\$788,400.00
TGP FT-A	339378	Demand	1,000	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$5.23630	\$62,835.60
		PS & GHG Surcharge		\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$217.20
				\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$5,254.40	\$63,052.80
TGP FT-G	339380	Demand	1,067	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$16.56760	\$212,131.55
		Demand	640	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$115,229.95
		Demand	1,341	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$15.00390	\$241,442.76
		PS & GHG Surcharge		\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$291.27
				\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$47,455.52	\$569,466.29
TGP FT-G	339379	Demand	1,014	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$5.09760	\$62,027.60
		PS & GHG Surcharge		\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$0.01810	\$220.24
				\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$5,187.32	\$62,247.84
TR FT	9213324	Demand	361	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$72,055.69
		Demand	1,081	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$201,831.83
				\$23,261.68	\$22,511.30	\$23,261.68	\$23,261.68	\$21,010.55	\$23,261.68	\$22,511.30	\$23,261.68	\$22,511.30	\$23,261.68	\$23,261.68	\$22,511.30	\$23,261.68	\$273,887.52
TR FT	9213320	Demand	308	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$62,993.42
		Demand	451	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$90,019.71
		Demand	1,052	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$196,417.29
				\$29,677.65	\$28,720.31	\$29,677.65	\$29,677.65	\$26,805.62	\$29,677.65	\$28,720.31	\$29,677.65	\$28,720.31	\$29,677.65	\$29,677.65	\$28,720.31	\$29,677.65	\$349,430.42

Elizabethtown Gas Company
Detail Support of Projected Demand Charges included in the June 1, 2020 BGSS Filing

SCHEDULE LJW-7

Contract No.	Cost Type	Billing Determinant		Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	TOTAL
		Demand	Other													
FIRM TRANSPORT CAPACITY																
TR FT	9213321	Demand	334			\$1.04622	\$1.04622	\$1.04622								\$1,048.31
		Demand	492			\$1.02213	\$1.02213	\$1.02213								\$1,508.66
		Demand	1,141			\$0.95907	\$0.95907	\$0.95907								\$3,282.90
		Demand		767		\$0.10331	\$0.10331	\$0.10331								\$7,131.49
						\$62,801.76	\$62,801.76	\$56,724.17								\$182,327.68
TR FT	9213319	Demand	440	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$89,990.60
		Demand	647	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$129,141.36
		Demand	1,501	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$280,249.38
				\$42,413.21	\$41,045.04	\$42,413.21	\$42,413.21	\$38,308.71	\$42,413.21	\$41,045.04	\$42,413.21	\$41,045.04	\$42,413.21	\$42,413.21	\$41,045.04	\$499,381.35
TR FT	9213336	Demand	6,973		\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806							\$134,837.32
					\$26,788.87	\$27,681.83	\$27,681.83	\$25,002.95	\$27,681.83							\$134,837.32
TR FT	9213453	Demand	13,218	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$0.56034	\$2,703,399.55
		Demand	19,439	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$0.54685	\$3,880,029.26
		Demand	45,098	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$0.51153	\$8,420,177.68
		Demand		\$0.10331	\$0.10331			\$0.10331	\$0.10331	\$0.10331	\$0.10331	\$0.10331	\$0.10331	\$0.10331	\$0.10331	\$21,790.66
				\$1,276,735.31	\$1,235,550.30	\$1,274,278.91	\$1,274,278.91	\$1,150,961.59	\$1,276,735.31	\$1,235,550.30	\$1,276,735.31	\$1,235,550.30	\$1,276,735.31	\$1,276,735.31	\$1,235,550.30	\$15,025,397.15
TR FT	9213334	Demand	5,175	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$7,952.53
				\$20,544.03	\$19,881.32	\$20,544.03	\$20,544.03	\$18,555.89	\$20,544.03	\$19,881.32	\$20,544.03	\$19,881.32	\$20,544.03	\$20,544.03	\$19,881.32	\$241,889.33
TR FT	9213332	Demand	15,000	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$23,050.80
				\$59,547.90	\$57,627.00	\$59,547.90	\$59,547.90	\$53,785.20	\$59,547.90	\$57,627.00	\$59,547.90	\$57,627.00	\$59,547.90	\$59,547.90	\$57,627.00	\$701,128.50
TR FT	9213329	Demand	17,595	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$27,038.59
				\$69,849.69	\$67,596.47	\$69,849.69	\$69,849.69	\$63,090.04	\$69,849.69	\$67,596.47	\$69,849.69	\$67,596.47	\$69,849.69	\$69,849.69	\$67,596.47	\$822,423.73
TR FT	9213333	Demand	15,615	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$23,995.88
				\$61,989.36	\$59,989.71	\$61,989.36	\$61,989.36	\$55,990.39	\$61,989.36	\$59,989.71	\$61,989.36	\$59,989.71	\$61,989.36	\$61,989.36	\$59,989.71	\$729,874.77
TR FT	9213338	Demand	500	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$768.36
				\$1,984.93	\$1,920.90	\$1,984.93	\$1,984.93	\$1,792.84	\$1,984.93	\$1,920.90	\$1,984.93	\$1,920.90	\$1,984.93	\$1,984.93	\$1,920.90	\$23,370.95
TR FT	9213337	Demand	11,090	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$0.12806	\$17,042.22
				\$44,025.75	\$42,605.56	\$44,025.75	\$44,025.75	\$39,765.19	\$44,025.75	\$42,605.56	\$44,025.75	\$42,605.56	\$44,025.75	\$44,025.75	\$42,605.56	\$518,367.67
TE FT	911570	Demand	30,000	CONFIDENTIAL												
Subtotal Firm Transport				\$3,933,801.73	\$4,068,490.36	\$4,021,828.92	\$4,021,828.92	\$3,814,319.42	\$3,961,483.57	\$3,854,715.66	\$3,921,045.91	\$3,854,715.66	\$3,921,045.91	\$3,921,045.91	\$3,854,715.66	\$47,149,037.63
TOTAL DEMAND COSTS				\$4,739,244.66	\$4,993,499.04	\$5,119,716.09	\$5,111,783.38	\$4,872,971.13	\$5,056,726.50	\$4,809,524.35	\$4,726,488.84	\$4,649,724.35	\$4,729,133.08	\$4,726,488.84	\$4,649,724.35	\$58,185,024.59

Elizabethtown Gas Company
Estimated Gas Purchases
October 1, 2020 through September 30, 2021
(\$'000)

		Purchases MDth	Purchase Cost		Total Cost
			Commodity	Demand	
Oct 2020		2,676.3	\$5,446.5	\$4,739.2	\$10,185.8
Nov 2020		2,550.7	\$5,671.7	\$4,993.5	\$10,665.2
Dec 2020		3,181.7	\$8,234.8	\$5,119.7	\$13,354.5
Jan 2021		4,197.6	\$14,939.3	\$5,111.8	\$20,051.1
Feb 2021		3,450.7	\$9,438.0	\$4,873.0	\$14,311.0
Mar 2021		3,271.5	\$8,207.2	\$5,056.7	\$13,263.9
Apr 2021		3,482.6	\$7,342.2	\$4,809.5	\$12,151.7
May 2021		2,194.4	\$4,276.7	\$4,726.5	\$9,003.2
Jun 2021		1,828.3	\$3,790.8	\$4,649.7	\$8,440.6
Jul 2021		1,920.0	\$4,062.2	\$4,729.1	\$8,791.4
Aug 2021		1,916.2	\$4,078.2	\$4,726.5	\$8,804.7
Sep 2021		1,953.9	\$4,469.3	\$4,649.7	\$9,119.0
TOTAL	[A]	32,624.0	\$79,956.9	\$58,185.0	\$138,142.0
Beginning Inventory		7,981.2	\$14,560.8		\$14,560.8
Ending Inventory		7,791.5	\$18,603.1		\$18,603.1
Net Change	[B]	189.7	(\$4,042.3)		(\$4,042.3)
TOTAL	[A + B]	32,813.7	75,914.7	58,185.0	\$134,099.7
AVERAGE COST			\$2.3135 ⁽¹⁾	\$1.7732 ⁽²⁾	\$4.0867
CCC-P & CCC-M ⁽³⁾		\$0.1852	/therm		

Notes:

⁽¹⁾ Computed by dividing the sum of the total purchase dollars plus the change in the value of inventory by the sum of the total volume purchased plus the volumetric change in inventory.

⁽²⁾ Computed by dividing the total purchase dollars by the sum of the total volume purchased plus the volumetric change in inventory.

⁽³⁾ See Schedule LJW-8 pg 2 for further details.

**Elizabethtown Gas Company
Capacity Cost Component
(CCC-P & CCC-M)**

Projected Annual Demand Costs

(Schedule LJW-8 pg. 1)

\$58,185,025

Projected Annual Firm Sales Quantities subject to the BGSS

(Schedule LJW-5 pg. 2, sum of RDS, SGS & GLS and GDS, LVD & EGF)

314,215,947 Therms

CCC-P & CCC-M (rounded to the nearest 1/10000 of a dollar)

\$0.1852 /Therm

Elizabethtown Gas Company
Supplier Refunds
For the period October 1, 2020 through September 30, 2021

<u>MONTH</u>	<u>SUPPLIER</u>	<u>DOCKET NUMBER</u>	<u>REFUND</u>	<u>TOTAL</u>
Oct 2020			\$0	\$0
Nov 2020			\$0	\$0
Dec 2020			\$0	\$0
Jan 2021			\$0	\$0
Feb 2021			\$0	\$0
Mar 2021			\$0	\$0
Apr 2021			\$0	\$0
May 2021			\$0	\$0
Jun 2021			\$0	\$0
Jul 2021			\$0	\$0
Aug 2021			\$0	\$0
Sep 2021			\$0	\$0
			Total	\$0

Elizabethtown Gas Company
Statement of Injections and Withdrawals - Pipeline Storage
For the period October 1, 2020 through September 30, 2021

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<u>Injections</u>		<u>Inventory (Dth)</u>		<u>Withdrawals</u>			<u>Ending Inventory</u>	
<u>Period</u>	<u>Amount</u>	<u>Dth</u>	<u>Beginning</u>	<u>Ending</u>	<u>Sendout (Dth)</u>	<u>Average Relief Rate</u>	<u>Cost of Sendout from Storage</u>	<u>Ending Inventory (Dth)</u>	<u>Ending Inventory (\$)</u>
Beginning Inventory								7,897,295	\$13,322,013
Oct 2020	\$2,266,536	1,142,627	7,897,295	9,043,954	(4,032)	\$0.0000	\$0	9,043,954	\$15,588,549
Nov 2020	\$0	(5,400)	9,043,954	8,226,024	812,530	\$1.7325	\$1,407,699	8,226,024	\$14,180,850
Dec 2020	\$0	-	8,226,024	6,248,983	1,977,041	\$1.7301	\$3,420,410	6,248,983	\$10,760,440
Jan 2021	\$0	-	6,248,983	3,726,463	2,522,520	\$1.7434	\$4,397,757	3,726,463	\$6,362,683
Feb 2021	\$0	-	3,726,463	1,657,930	2,068,534	\$1.7290	\$3,576,585	1,657,930	\$2,786,098
Mar 2021	\$0	-	1,657,930	387,269	1,270,660	\$1.7308	\$2,199,219	387,269	\$586,879
Apr 2021	\$2,712,637	1,233,914	387,269	1,624,778	(3,595)	\$0.0000	\$0	1,624,778	\$3,299,516
May 2021	\$2,594,328	1,269,489	1,624,778	2,898,068	(3,801)	\$0.0000	\$0	2,898,068	\$5,893,844
Jun 2021	\$2,680,255	1,233,719	2,898,068	4,135,708	(3,921)	\$0.0000	\$0	4,135,708	\$8,574,099
Jul 2021	\$2,823,397	1,274,844	4,135,708	5,414,977	(4,426)	\$0.0000	\$0	5,414,977	\$11,397,496
Aug 2021	\$2,834,233	1,274,844	5,414,977	6,694,339	(4,518)	\$0.0000	\$0	6,694,339	\$14,231,729
Sep 2021	\$2,938,100	1,199,399	6,694,339	7,898,380	(4,642)	\$0.0000	\$0	7,898,380	\$17,169,829

Elizabethtown Gas Company
Statement of Injections and Withdrawals - Onsite LNG
For the period October 1, 2020 through September 30, 2021

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Injections		Inventory (Dth)		Withdrawals			Ending Inventory	
<u>Period</u>	<u>Amount</u>	<u>Dth</u>	<u>Beginning</u>	<u>Ending</u>	<u>Sendout (Dth)</u>	<u>Average Relief Rate</u>	<u>Cost of Sendout from Storage</u>	<u>Ending Inventory (Dth)</u>	<u>Ending Inventory (\$)</u>
Beginning Inventory								138,715	\$1,183,313
Oct 2020	\$346,153	35,100	138,715	169,783	4,032	\$8.5305	\$35,479	169,783	\$1,493,987
Nov 2020	\$54,852	5,400	169,783	171,540	3,643	\$8.8413	\$32,213	171,540	\$1,516,626
Dec 2020	\$0	-	171,540	168,101	3,439	\$8.8413	\$30,403	168,101	\$1,486,224
Jan 2021	\$0	-	168,101	143,382	24,719	\$8.8413	\$218,550	143,382	\$1,267,674
Feb 2021	\$0	-	143,382	140,320	3,062	\$8.8413	\$27,070	140,320	\$1,240,604
Mar 2021	\$0	-	140,320	136,856	3,464	\$8.8413	\$30,622	136,856	\$1,209,981
Apr 2021	\$0	-	136,856	133,262	3,595	\$8.8413	\$31,782	133,262	\$1,178,200
May 2021	\$0	-	133,262	129,461	3,801	\$8.8413	\$33,604	129,461	\$1,144,596
Jun 2021	\$0	-	129,461	125,540	3,921	\$8.8413	\$34,665	125,540	\$1,109,931
Jul 2021	\$0	-	125,540	121,114	4,426	\$8.8413	\$39,128	121,114	\$1,070,803
Aug 2021	\$0	-	121,114	116,596	4,518	\$8.8413	\$39,945	116,596	\$1,030,858
Sep 2021	\$389,612	37,800	116,596	149,755	4,642	\$9.2002	\$42,704	149,755	\$1,377,766

Elizabethtown Gas Company
Statement of Injections and Withdrawals - Propane Storage
For the period October 1, 2020 through September 30, 2021

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Injections		Inventory (Dths)		Withdrawals			Ending Inventory	
<u>Period</u>	<u>Amount</u>	<u>Dth's</u>	<u>Beginning</u>	<u>Ending</u>	<u>Dth's</u>	<u>Average Relief Rate *</u>	<u>Amount</u>	<u>Ending Inventory (Dth's)</u>	<u>Ending Inventory (\$)</u>
Beginning Inventory								8,495	\$55,466
Oct 2020	-	-	8,495	8,495	-	\$6.5293	-	8,495	\$55,466
Nov 2020	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
Dec 2020	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
Jan 2021	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
Feb 2021	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
Mar 2021	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
Apr 2021	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
May 2021	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
Jun 2021	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
Jul 2021	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
Aug 2021	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466
Sep 2021	-	-	8,495	8,495	-	6.5293	-	8,495	\$55,466

* The average relief rate is calculated by dividing the total of the monthly beginning inventory and injection dollars by the associated volumes.

**Elizabethtown Gas Company
2020-2021 BGSS Forecast**

Calculation of Non-Firm Gas Cost Recovery Rates

	(1)	(2)	(3) (1) + (2)	(4) (1) + (2)	(5) (1)
	BGSS-M	Tariff	IS	CS	CSI
	<u>\$/Thm</u>	<u>\$/Thm</u>	<u>\$/Thm</u>	<u>\$/Thm</u>	<u>\$/Thm</u>
Oct 2020	\$0.4206	\$0.0150	\$0.435600	\$0.435600	\$0.420600
Nov 2020	\$0.4441	\$0.0300	\$0.474100	\$0.474100	\$0.444100
Dec 2020	\$0.4769	\$0.0300	\$0.506900	\$0.506900	\$0.476900
Jan 2021	\$0.4911	\$0.0300	\$0.521100	\$0.521100	\$0.491100
Feb 2021	\$0.4869	\$0.0300	\$0.516900	\$0.516900	\$0.486900
Mar 2021	\$0.4729	\$0.0300	\$0.502900	\$0.502900	\$0.472900
Apr 2021	\$0.4428	\$0.0150	\$0.457800	\$0.457800	\$0.442800
May 2021	\$0.4394	\$0.0150	\$0.454400	\$0.454400	\$0.439400
Jun 2021	\$0.4433	\$0.0150	\$0.458300	\$0.458300	\$0.443300
Jul 2021	\$0.4480	\$0.0150	\$0.463000	\$0.463000	\$0.448000
Aug 2021	\$0.4487	\$0.0150	\$0.463700	\$0.463700	\$0.448700
Sep 2021	\$0.4467	\$0.0150	\$0.461700	\$0.461700	\$0.446700

Elizabethtown Gas Company
2020-2021 BGSS Forecast
Calculation of Special Contract Gas Cost Recovery Rates
Applicable Purchases
 \$'000

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
				(2) - (3)	(1) - (2)		(4) + (5) - (6)		(7) + (8)
	Total Supply Variable Costs	Transportation Variable Costs	Total Storage Transp. Costs	City Gate Transportation Variable Costs	Supply Variable Costs	Variable Peaking Costs	Total Supply Variable Costs Ex Peaking	Supply Related Demand Charges	Purchases Plus Supply Demand Charges
Oct 2020	\$5,041.7	\$219.2	\$33.7	\$185.4	\$4,822.5	\$327.3	\$4,680.6	\$0.0	\$4,680.6
Nov 2020	\$5,551.5	\$155.0	\$0.4	\$154.7	\$5,396.5	\$50.3	\$5,500.8	\$304.2	\$5,805.0
Dec 2020	\$8,265.0	\$269.6	\$0.7	\$268.9	\$7,995.4	\$0.0	\$8,264.4	\$289.8	\$8,554.2
Jan 2021	\$14,924.8	\$360.8	\$4.5	\$356.3	\$14,563.9	\$2,684.4	\$12,235.8	\$289.8	\$12,525.6
Feb 2021	\$9,521.7	\$284.8	\$2.9	\$281.8	\$9,236.9	\$57.1	\$9,461.7	\$289.8	\$9,751.5
Mar 2021	\$8,343.3	\$209.3	\$0.5	\$208.8	\$8,134.0	\$0.0	\$8,342.8	\$289.8	\$8,632.6
Apr 2021	\$7,541.4	\$432.4	\$34.7	\$397.7	\$7,108.9	\$0.0	\$7,506.6	\$159.8	\$7,666.4
May 2021	\$4,366.9	\$162.1	\$35.6	\$126.5	\$4,204.8	\$0.0	\$4,331.3	\$0.0	\$4,331.3
Jun 2021	\$3,859.4	\$149.2	\$34.4	\$114.8	\$3,710.2	\$0.0	\$3,825.0	\$0.0	\$3,825.0
Jul 2021	\$4,136.1	\$154.2	\$35.6	\$118.6	\$3,981.9	\$0.0	\$4,100.5	\$0.0	\$4,100.5
Aug 2021	\$4,143.8	\$154.0	\$35.6	\$118.4	\$3,989.8	\$0.0	\$4,108.2	\$0.0	\$4,108.2
Sep 2021	\$4,527.5	\$212.3	\$34.6	\$177.8	\$4,315.2	\$362.5	\$4,130.4	\$0.0	\$4,130.4
Subtotal	\$80,222.9	\$2,762.9	\$253.3	\$2,509.6	\$77,460.0	\$3,481.6	\$76,488.0	\$1,623.2	\$78,111.3

Elizabethtown Gas Company
Off System Sales and Capacity Release

For the Projected Period October 1, 2020 through September 30, 2021

	Off-System Sales *				Capacity Release			
	Volumes (Dth)	Rate (\$/Dth)	Total Margins (\$)	BGSS Credits (\$)	Volumes (Dth)	Rate (\$/Dth)	Total Margins (\$)	BGSS Credits (\$)
Oct 2020					195,145	\$0.23543	\$45,943	\$39,052
Nov 2020					188,850	\$0.23543	\$44,461	\$37,792
Dec 2020					195,145	\$0.23543	\$45,943	\$39,052
Jan 2021					195,145	\$0.23543	\$45,943	\$39,052
Feb 2021					176,260	\$0.23543	\$41,497	\$35,272
Mar 2021					195,145	\$0.23543	\$45,943	\$39,052
Apr 2021					188,850	\$0.23543	\$44,461	\$37,792
May 2021					195,145	\$0.23543	\$45,943	\$39,052
Jun 2021					188,850	\$0.23543	\$44,461	\$37,792
Jul 2021					195,145	\$0.23543	\$45,943	\$39,052
Aug 2021					195,145	\$0.23543	\$45,943	\$39,052
Sep 2021					188,850	\$0.23543	\$44,461	\$37,792
Total	-		\$0	\$0	2,297,675		\$540,942	\$459,804

* There are no projected off-system sales margins in the projected BGSS year; the Company is operating under the terms of the current gas asset agency agreement with South Jersey Resources Group through March 31, 2022.

Elizabethtown Gas Company
Calculation of Spot Purchase Commodity Price
For the period October 1, 2020 through September 30, 2021

	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Total
NYMEX Settle/Futures (\$/dth)	\$2.3420	\$2.5720	\$2.8930	\$3.0310	\$2.9910	\$2.8540	\$2.5590	\$2.5260	\$2.5640	\$2.6100	\$2.6170	\$2.5970	
NYMEX to Pipeline Rcpt Pt Basis (\$/dth)													
Columbia	(\$0.2852)	(\$0.1749)	(\$0.1623)	(\$0.1908)	(\$0.1443)	(\$0.1689)	(\$0.1458)	(\$0.1392)	(\$0.1393)	(\$0.1159)	(\$0.1192)	(\$0.2014)	
Canadian	(\$0.8459)	\$0.0026	\$0.0560	\$0.3594	\$0.2810	(\$0.1289)	(\$0.1315)	(\$0.6753)	(\$0.6827)	(\$0.6317)	(\$0.5554)	(\$0.9459)	
El Paso (Tennessee) - weighted avg.	(\$0.0647)	(\$0.1145)	(\$0.1315)	(\$0.1162)	(\$0.1033)	(\$0.0874)	(\$0.0738)	(\$0.0628)	(\$0.0776)	(\$0.0772)	(\$0.0637)	(\$0.0987)	
Duke (Texas Eastern) - weighted avg.	(\$1.2770)	(\$0.4116)	\$0.1291	(\$0.0984)	\$0.1291	(\$0.1212)	(\$0.3803)						
Dominion (CNG)	(\$1.4254)	(\$0.6685)	(\$0.6292)	(\$0.6181)	(\$0.3733)	(\$0.4360)	(\$0.4867)	(\$0.6829)	(\$0.9499)	(\$1.0580)	(\$1.1040)	(\$1.4011)	
National Fuel													
Williams (Transco) - weighted avg.	(\$0.9682)	\$0.0634	(\$0.0689)	\$0.0083	(\$0.0603)	(\$0.0672)	(\$0.0781)						
Williams (Transco) Leidy	(\$0.5220)	(\$0.4860)	(\$0.4860)	(\$0.4860)	(\$0.4860)	(\$0.4860)	(\$0.6180)	(\$0.6180)	(\$0.5220)	(\$0.5220)	(\$0.5220)	(\$0.5220)	
Gulf South	(\$0.1585)	(\$0.1220)	(\$0.1349)	(\$0.1003)	(\$0.1011)	(\$0.1081)	(\$0.1216)	(\$0.1226)	(\$0.1088)	(\$0.1058)	(\$0.0954)	(\$0.1340)	
Purchase Point Commodity (\$/dth)													
Columbia Spot	\$2.0568	\$2.3971	\$2.7307	\$2.8402	\$2.8467	\$2.6851	\$2.4132	\$2.3868	\$2.4247	\$2.4941	\$2.4978	\$2.3956	
Canadian Spot	\$1.4961	\$2.5746	\$2.9490	\$3.3904	\$3.2720	\$2.7251	\$2.4275	\$1.8507	\$1.8813	\$1.9783	\$2.0616	\$1.6511	
El Paso (Tennessee) Spot	\$2.2773	\$2.4575	\$2.7615	\$2.9148	\$2.8877	\$2.7666	\$2.4852	\$2.4632	\$2.4864	\$2.5328	\$2.5533	\$2.4983	
Duke (Texas Eastern) Spot	\$1.0650	\$2.1604	\$3.0221	\$2.9326	\$2.9910	\$2.7328	\$2.1788	\$2.5260	\$2.5640	\$2.6100	\$2.6170	\$2.5970	
Dominion (CNG) Spot	\$0.9166	\$1.9035	\$2.2638	\$2.4129	\$2.6177	\$2.4180	\$2.0723	\$1.8431	\$1.6141	\$1.5520	\$1.5130	\$1.1959	
National Fuel Spot	\$2.3420	\$2.5720	\$2.8930	\$3.0310	\$2.9910	\$2.8540	\$2.5590	\$2.5260	\$2.5640	\$2.6100	\$2.6170	\$2.5970	
Williams (Transco) Spot	\$1.3738	\$2.6354	\$2.8241	\$3.0393	\$2.9307	\$2.7868	\$2.4809	\$2.5260	\$2.5640	\$2.6100	\$2.6170	\$2.5970	
Williams (Transco) Leidy Spot	\$1.8200	\$2.0860	\$2.4070	\$2.5450	\$2.5050	\$2.3680	\$1.9410	\$1.9080	\$2.0420	\$2.0880	\$2.0950	\$2.0750	
Gulf South	\$2.1835	\$2.4500	\$2.7581	\$2.9307	\$2.8899	\$2.7459	\$2.4374	\$2.4034	\$2.4552	\$2.5042	\$2.5216	\$2.4630	
SPOT Purchases (dth)													
Columbia Spot	0	76,286	83,986	134,472	185,121	78,829	61,029	0	0	0	0	0	619,723
Canadian Spot	0	0	0	30,842	3,3904	3,2720	0	0	0	0	0	0	30,842
El Paso (Tennessee) Spot	50,583	51,500	47,509	53,461	40,697	63,770	69,311	33,453	18,138	17,329	16,415	18,612	480,778
Duke (Texas Eastern) Spot	276,093	372,326	185,307	209,331	0	958,805	925,651	0	0	0	0	0	2,927,513
Dominion (CNG) Spot	99,624	193,389	200,404	64,646	181,010	200,404	95,267	0	0	0	0	0	1,034,744
National Fuel Spot	0	0	0	0	0	0	0	0	0	0	0	0	0
Williams (Transco) Spot	35,100	125,046	820,160	1,059,621	1,432,430	178,947	99,526	0	0	0	0	0	3,750,830
Williams (Transco) Leidy Spot	813,921	1,474,967	366,319	0	0	826,937	621,105	544,741	187,847	329,864	380,646	382,574	5,928,921
Gulf South Spot	0	0	0	75,769	0	0	0	0	0	0	0	0	75,769
Total Spot Purchases	1,275,321	2,293,514	1,703,685	1,628,142	1,839,258	2,307,692	1,871,889	578,194	205,985	347,193	397,061	401,186	14,849,120
SPOT Purchases													
Columbia Spot	\$0	\$182,862	\$229,344	\$381,927	\$526,990	\$211,666	\$147,277	\$0	\$0	\$0	\$0	\$0	\$1,680,065
Canadian Spot	\$0	\$0	\$0	\$104,566	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$104,566
El Paso (Tennessee) Spot	\$115,190	\$126,562	\$131,196	\$155,828	\$117,522	\$176,427	\$172,255	\$82,403	\$45,099	\$43,890	\$41,912	\$46,498	\$1,254,782
Duke (Texas Eastern) Spot	\$294,042	\$804,359	\$560,009	\$613,883	\$0	\$2,620,239	\$2,016,762	\$0	\$0	\$0	\$0	\$0	\$6,909,293
Dominion (CNG) Spot	\$91,315	\$368,121	\$453,676	\$155,985	\$473,836	\$484,573	\$197,425	\$0	\$0	\$0	\$0	\$0	\$2,224,931
National Fuel Spot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Williams (Transco) Spot	\$48,219	\$329,549	\$2,316,173	\$3,220,510	\$4,198,037	\$498,698	\$246,918	\$0	\$0	\$0	\$0	\$0	\$10,858,105
Williams (Transco) Leidy Spot	\$1,481,336	\$3,076,781	\$881,730	\$0	\$0	\$1,958,187	\$1,205,565	\$1,039,366	\$383,584	\$688,756	\$797,453	\$793,841	\$12,306,599
Gulf South Spot	\$0	\$0	\$0	\$222,053	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$222,053
Total Spot Purchases	\$2,030,103	\$4,888,234	\$4,572,127	\$4,854,752	\$5,316,386	\$5,949,789	\$3,986,201	\$1,121,768	\$428,683	\$732,646	\$839,365	\$840,340	\$35,560,395
SPOT WACOG at Purchase Point													
Unit Cost (before Hedging Impact)	\$1.5918	\$2.1313	\$2.6837	\$2.9818	\$2.8905	\$2.5782	\$2.1295	\$1.9401	\$2.0811	\$2.1102	\$2.1139	\$2.0946	\$2.3948
Hedging Program													
Hedged Volume (dth)	1,330,000	980,000	1,300,000	1,500,000	1,160,000	1,100,000	1,410,000	930,000	810,000	770,000	690,000	660,000	12,640,000
Total Cost	\$3,439,420	\$2,555,410	\$3,554,370	\$4,231,100	\$3,206,970	\$2,889,450	\$3,320,690	\$2,171,010	\$1,924,670	\$1,844,490	\$1,654,220	\$1,572,330	\$32,364,130
Weighted Avg. Unit Cost	\$2.5860	\$2.6076	\$2.7341	\$2.8207	\$2.7646	\$2.6268	\$2.3551	\$2.3344	\$2.3761	\$2.3954	\$2.3974	\$2.3823	\$2.5605
WACOG vs. NYMEX Diff.	\$0.2440	\$0.0356	(\$0.1589)	(\$0.2103)	(\$0.2264)	(\$0.2272)	(\$0.2039)	(\$0.1916)	(\$0.1879)	(\$0.2146)	(\$0.2196)	(\$0.2147)	
Total \$ Impact	\$311,178	\$34,888	(\$206,570)	(\$315,450)	(\$262,624)	(\$249,920)	(\$287,499)	(\$110,782)	(\$38,705)	(\$74,508)	(\$87,195)	(\$86,135)	(\$1,373,322)
Total Spot Purchases	\$2,030,103	\$4,888,234	\$4,572,127	\$4,854,752	\$5,316,386	\$5,949,789	\$3,986,201	\$1,121,768	\$428,683	\$732,646	\$839,365	\$840,340	\$35,560,395
Total Hedging Program Impact	\$311,178	\$34,888	(\$206,570)	(\$315,450)	(\$262,624)	(\$249,920)	(\$287,499)	(\$110,782)	(\$38,705)	(\$74,508)	(\$87,195)	(\$86,135)	(\$1,373,322)
Total Spot Purchases adj. for Hedging	\$2,341,281	\$4,923,122	\$4,365,557	\$4,539,302	\$5,053,762	\$5,699,869	\$3,698,702	\$1,010,986	\$389,978	\$658,138	\$752,170	\$754,205	\$34,187,073
SPOT WACOG at Purchase Point													
Unit Cost (after Hedging Impact)	\$1.8358	\$2.1465	\$2.5624	\$2.7880	\$2.7477	\$2.4699	\$1.9759	\$1.7485	\$1.8932	\$1.8956	\$1.8943	\$1.8799	\$2.3023

Elizabethtown Gas Company
Calculation of Spot Purchase Commodity Price
For the period October 1, 2019 through September 30, 2020

	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Total
NYMEX Settle/Futures (\$/dth)	\$2.6810	\$2.7550	\$2.9190	\$3.0070	\$2.9630	\$2.8380	\$2.5900	\$2.5540	\$2.5860	\$2.6190	\$2.6270	\$2.6110	
NYMEX to Pipeline Rcpt Pt Basis (\$/dth)													
Columbia	(\$0.1969)	(\$0.1311)	(\$0.0612)	(\$0.1782)	(\$0.1282)	(\$0.1476)	(\$0.1477)	(\$0.1016)	(\$0.1373)	(\$0.0932)	(\$0.0994)	(\$0.1713)	
Canadian	(\$0.3050)	\$0.2220	\$0.4075	\$0.5714	\$0.4066	(\$0.0380)	(\$0.0466)	(\$0.7239)	(\$0.8445)	(\$0.7057)	(\$0.7145)	(\$0.8788)	
El Paso (Tennessee)	(\$0.0582)	(\$0.1211)	(\$0.0813)	(\$0.1157)	(\$0.0882)	(\$0.0718)	(\$0.0767)	(\$0.0595)	(\$0.0734)	(\$0.0737)	(\$0.0619)	(\$0.0825)	
Duke (Texas Eastern)	(\$0.7995)	(\$0.4301)	\$2.2862	(\$0.1015)		(\$0.0888)	(\$0.4202)						
Dominion (CNG)	(\$1.0451)	(\$0.7348)	(\$0.5928)	(\$0.6678)	(\$0.3927)	(\$0.4492)	(\$0.5324)	(\$0.7957)	(\$1.0432)	(\$1.2410)	(\$1.3083)	(\$1.4747)	
National Fuel													
Williams (Transco)	(\$1.0199)	\$0.1177	(\$0.0285)	\$0.0266	(\$0.0618)	(\$0.0673)							
Williams (Transco) Leidy	(\$1.1426)	(\$0.8280)	(\$0.6182)	(\$0.7906)	(\$0.6561)	(\$0.5877)	(\$0.6406)	(\$1.1607)	(\$1.2410)	(\$1.3382)	(\$1.3872)	(\$1.5467)	
Gulf South	(\$0.1067)	(\$0.1152)	(\$0.0551)	(\$0.0934)	(\$0.0992)	(\$0.0969)	(\$0.1290)	(\$0.1047)	(\$0.1153)	(\$0.0892)	(\$0.0872)	(\$0.1110)	
Purchase Point Commodity (\$/dth)													
Columbia Spot	\$2.4841	\$2.6239	\$2.8578	\$2.8288	\$2.8348	\$2.6904	\$2.4423	\$2.4524	\$2.4487	\$2.5258	\$2.5276	\$2.4397	
Canadian Spot	\$2.3760	\$2.9770	\$3.3265	\$3.5784	\$3.3696	\$2.8000	\$2.5434	\$1.8301	\$1.7415	\$1.9133	\$1.9125	\$1.7322	
El Paso (Tennessee) Spot	\$2.6228	\$2.6339	\$2.8377	\$2.8913	\$2.8748	\$2.7662	\$2.5133	\$2.4945	\$2.5126	\$2.5453	\$2.5651	\$2.5285	
Duke (Texas Eastern) Spot	\$1.8815	\$2.3249	\$5.2052	\$2.9055	\$2.9630	\$2.7492	\$2.1698	\$2.5540	\$2.5860	\$2.6190	\$2.6270	\$2.6110	
Dominion (CNG) Spot	\$1.6359	\$2.0202	\$2.3262	\$2.3392	\$2.5703	\$2.3888	\$2.0576	\$1.7583	\$1.5428	\$1.3780	\$1.3187	\$1.1363	
National Fuel Spot	\$2.6810	\$2.7550	\$2.9190	\$3.0070	\$2.9630	\$2.8380	\$2.5900	\$2.5540	\$2.5860	\$2.6190	\$2.6270	\$2.6110	
Williams (Transco) Spot	\$1.6611	\$2.8757	\$2.8905	\$3.0336	\$2.9012	\$2.7707	\$2.5900	\$2.5540	\$2.5860	\$2.6190	\$2.6270	\$2.6110	
Williams (Transco) Leidy Spot	\$1.5384	\$1.9270	\$2.3008	\$2.2164	\$2.3069	\$2.2503	\$1.9494	\$1.3933	\$1.3450	\$1.2808	\$1.2398	\$1.0643	
Gulf South	\$2.5743	\$2.6398	\$2.8639	\$2.9136	\$2.8638	\$2.7411	\$2.4610	\$2.4493	\$2.4707	\$2.5298	\$2.5398	\$2.5000	
SPOT Purchases (dth)													
Columbia Spot	0	76,136	83,821	134,208	191,355	78,674	60,909	0	0	0	0	0	625,103
Canadian Spot	0	0	0	22,279	0	0	0	0	0	0	0	0	22,279
El Paso (Tennessee) Spot	54,004	51,114	55,241	55,241	60,735	74,606	70,164	32,763	17,080	18,043	19,058	20,375	528,424
Duke (Texas Eastern) Spot	275,563	371,654	185,073	209,432	0	964,301	939,232	0	0	0	0	0	2,945,255
Dominion (CNG) Spot	101,488	193,017	199,532	64,365	186,659	199,532	95,084	0	0	0	0	0	1,039,677
National Fuel Spot	0	0	0	0	0	0	0	0	0	0	0	0	0
Williams (Transco) Spot	45,900	132,566	826,501	1,022,873	1,264,787	130,638	0	0	0	0	0	0	3,423,265
Williams (Transco) Leidy Spot	858,542	1,477,046	495,070	0	0	778,075	739,085	581,168	155,753	299,744	346,345	345,409	6,076,237
Gulf South Spot	0	0	0	76,346	0	0	0	0	0	0	0	0	76,346
Total Spot Purchases	1,335,497	2,301,533	1,845,238	1,584,744	1,703,536	2,225,826	1,904,474	613,931	172,833	317,787	365,403	365,784	14,736,586
SPOT Purchases													
Columbia Spot	\$0	\$199,773	\$239,546	\$379,644	\$542,448	\$211,664	\$148,758	\$0	\$0	\$0	\$0	\$0	\$1,721,833
Canadian Spot	\$0	\$0	\$0	\$79,722	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$79,722
El Paso (Tennessee) Spot	\$141,640	\$134,628	\$156,758	\$159,717	\$174,599	\$206,375	\$176,344	\$81,726	\$42,915	\$45,924	\$48,886	\$51,518	\$1,421,031
Duke (Texas Eastern) Spot	\$518,467	\$864,046	\$963,338	\$608,497	\$0	\$2,651,019	\$2,037,977	\$0	\$0	\$0	\$0	\$0	\$7,643,345
Dominion (CNG) Spot	\$166,025	\$389,933	\$464,153	\$150,564	\$479,777	\$476,637	\$195,645	\$0	\$0	\$0	\$0	\$0	\$2,322,734
National Fuel Spot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Williams (Transco) Spot	\$76,244	\$380,822	\$2,388,992	\$3,102,969	\$3,669,364	\$361,956	\$0	\$0	\$0	\$0	\$0	\$0	\$9,980,347
Williams (Transco) Leidy Spot	\$1,320,798	\$2,846,268	\$1,139,041	\$0	\$0	\$1,750,895	\$1,440,748	\$809,754	\$209,490	\$383,924	\$429,403	\$367,630	\$10,697,951
Gulf South Spot	\$0	\$0	\$0	\$222,444	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$222,444
Total Spot Purchases	\$2,223,174	\$4,815,470	\$5,351,830	\$4,703,558	\$4,866,188	\$5,658,545	\$3,999,471	\$891,481	\$252,405	\$429,848	\$478,290	\$419,148	\$34,089,407
SPOT WACOG at Purchase Point													
Unit Cost (before Hedging Impact)	\$1.6647	\$2.0923	\$2.9003	\$2.9680	\$2.8565	\$2.5422	\$2.1000	\$1.4521	\$1.4604	\$1.3526	\$1.3089	\$1.1459	\$2.3132
Hedging Program													
Hedged Volume (dth)	1,320,000	910,000	1,300,000	1,510,000	1,150,000	1,010,000	1,430,000	1,010,000	810,000	760,000	680,000	620,000	12,510,000
Total Cost	\$3,607,960	\$2,536,750	\$3,670,630	\$4,409,070	\$3,298,670	\$2,816,410	\$3,733,120	\$2,648,060	\$2,130,350	\$1,998,940	\$1,798,650	\$1,639,820	\$34,288,430
Weighted Avg. Unit Cost	\$2.7333	\$2.7876	\$2.8236	\$2.9199	\$2.8684	\$2.7885	\$2.6106	\$2.6218	\$2.6301	\$2.6302	\$2.6451	\$2.6449	\$2.7409
WACOG vs. NYMEX Diff.	\$0.0523	\$0.0326	(\$0.0954)	(\$0.0871)	(\$0.0946)	(\$0.0495)	\$0.0206	\$0.0678	\$0.0441	\$0.0112	\$0.0181	\$0.0339	
Total \$ Impact	\$69,036	\$29,666	(\$124,020)	(\$131,521)	(\$108,790)	(\$49,995)	\$29,458	\$41,625	\$7,622	\$3,559	\$6,614	\$12,400	(\$214,346)
Total Spot Purchases	\$2,223,174	\$4,815,470	\$5,351,830	\$4,703,558	\$4,866,188	\$5,658,545	\$3,999,471	\$891,481	\$252,405	\$429,848	\$478,290	\$419,148	\$34,089,407
Total Hedging Program Impact	\$69,036	\$29,666	(\$124,020)	(\$131,521)	(\$108,790)	(\$49,995)	\$29,458	\$41,625	\$7,622	\$3,559	\$6,614	\$12,400	(\$214,346)
Total Spot Purchases adj. for Hedging	\$2,292,210	\$4,845,136	\$5,227,810	\$4,572,037	\$4,757,398	\$5,608,550	\$4,028,929	\$933,106	\$260,027	\$433,407	\$484,904	\$431,548	\$33,875,061
SPOT WACOG at Purchase Point													
Unit Cost (after Hedging Impact)	\$1.7164	\$2.1052	\$2.8331	\$2.8850	\$2.7927	\$2.5198	\$2.1155	\$1.5199	\$1.5045	\$1.3638	\$1.3270	\$1.1798	\$2.2987

Elizabethtown Gas Company Hedging Report

	Normal Firm Requirements (Dth)	Current Protected Position (Dth)
Oct 2020	1,345,677	1,330,000
Nov 2020	2,886,489	980,000
Dec 2020	4,391,457	1,300,000
Jan 2021	5,756,749	1,500,000
Feb 2021	4,302,935	1,160,000
Mar 2021	3,605,966	1,100,000
Apr 2021	1,609,926	1,410,000
May 2021	553,570	930,000
Jun 2021	366,322	810,000
Jul 2021	443,288	770,000
Aug 2021	433,414	690,000
Sep 2021	514,474	660,000
Total	26,210,267	12,640,000

Note:

Normal firm requirements exclude demand of BGSS-M customers.

Elizabethtown Gas Company

Hedging Report

Status as of June 30, 2019

Gas Flow Month	Price Hedged		Total Quantity Price Protected Dth	ETG - GPS&P Guidelines		
	Quantity Dth	\$/Dth		Min Quantity Dth	Max Quantity Dth	Current Pct. of Min
Jan-19						
Feb-19						
Mar-19						
Apr-19						
May-19						
Jun-19						
Jul-19						
Aug-19	840,000	\$2.7597	840,000	860,000	1,720,000	97.7%
Sep-19	840,000	\$2.7578	840,000	900,000	1,790,000	93.3%
Oct-19	1,320,000	\$2.7333	1,320,000	1,290,000	2,590,000	102.3%
Nov-19	910,000	\$2.7876	910,000	1,040,000	2,080,000	87.5%
Dec-19	1,300,000	\$2.8236	1,300,000	1,220,000	2,450,000	106.6%
Total	5,210,000	\$2.7735	5,210,000	5,310,000	10,630,000	98.1%
Jan-20	1,510,000	\$2.9199	1,510,000	1,520,000	3,050,000	99.3%
Feb-20	1,150,000	\$2.8684	1,150,000	1,130,000	2,260,000	101.8%
Mar-20	1,010,000	\$2.7885	1,010,000	1,100,000	2,200,000	91.8%
Apr-20	1,430,000	\$2.6106	1,430,000	1,350,000	2,700,000	105.9%
May-20	1,010,000	\$2.6218	1,010,000	890,000	1,770,000	113.5%
Jun-20	860,000	\$2.6273	860,000	790,000	1,580,000	108.9%
Jul-20	880,000	\$2.6212	880,000	820,000	1,630,000	107.3%
Aug-20	810,000	\$2.6343	810,000	810,000	1,630,000	100.0%
Sep-20	760,000	\$2.6303	760,000	870,000	1,740,000	87.4%
Oct-20	1,000,000	\$2.6387	1,000,000	1,330,000	2,660,000	75.2%
Nov-20	640,000	\$2.6798	640,000	1,050,000	2,100,000	61.0%
Dec-20	780,000	\$2.7938	780,000	1,240,000	2,470,000	62.9%
Total	11,840,000	\$2.7143	11,840,000	12,900,000	25,790,000	91.8%
Jan-21	750,000	\$2.8942	750,000	1,540,000	3,070,000	48.7%
Feb-21	460,000	\$2.8640	460,000	1,140,000	2,280,000	40.4%
Mar-21	360,000	\$2.7708	360,000	1,110,000	2,220,000	32.4%
Apr-21	360,000	\$2.5232	360,000	1,370,000	2,740,000	26.3%
May-21	170,000	\$2.4856	170,000	900,000	1,810,000	18.9%
Jun-21	70,000	\$2.5129	70,000	810,000	1,620,000	8.6%
Jul-21				830,000	1,670,000	
Aug-21				830,000	1,660,000	
Sep-21				890,000	1,780,000	
Oct-21				1,280,000	2,570,000	
Nov-21				1,440,000	2,880,000	
Dec-21				1,250,000	2,490,000	
Total	2,170,000	\$2.7615	2,170,000	13,390,000	26,790,000	16.2%

Quantities stated above do not include natural hedging that emanates from storage. Based on the Company's injection plan for the 2019/2020 winter period, total storage supplies available for withdrawal totaled 8,651,046 dth. Adding this quantity to the hedged quantities for the November 2019 through March 2020 winter period of 5,880,000 dth results in a total hedged quantity of 14,531,046 dth or 70.2% of the normal winter firm sales requirement of 20,692,175 dth.

Elizabethtown Gas Company
Hedging Report
Status as of September 30, 2019

Gas Flow Month	Price Hedged		Total Quantity Price Protected Dth	ETG - GPS&P Guidelines		
	Quantity Dth	\$/Dth		Min Quantity Dth	Max Quantity Dth	Current Pct. of Min
Jan-19						
Feb-19						
Mar-19						
Apr-19						
May-19						
Jun-19						
Jul-19						
Aug-19						
Sep-19						
Oct-19						
Nov-19	910,000	\$2.7876	910,000	1,040,000	2,080,000	87.5%
Dec-19	1,300,000	\$2.8236	1,300,000	1,220,000	2,450,000	106.6%
Total	2,210,000	\$2.8088	2,210,000	2,260,000	4,530,000	97.8%
Jan-20	1,510,000	\$2.9199	1,510,000	1,520,000	3,050,000	99.3%
Feb-20	1,150,000	\$2.8684	1,150,000	1,130,000	2,260,000	101.8%
Mar-20	1,010,000	\$2.7885	1,010,000	1,100,000	2,200,000	91.8%
Apr-20	1,430,000	\$2.6106	1,430,000	1,350,000	2,700,000	105.9%
May-20	1,010,000	\$2.6218	1,010,000	890,000	1,770,000	113.5%
Jun-20	860,000	\$2.6273	860,000	790,000	1,580,000	108.9%
Jul-20	880,000	\$2.6212	880,000	820,000	1,630,000	107.3%
Aug-20	880,000	\$2.6221	880,000	810,000	1,630,000	108.6%
Sep-20	900,000	\$2.5943	900,000	870,000	1,740,000	103.4%
Oct-20	1,330,000	\$2.5860	1,330,000	1,330,000	2,660,000	100.0%
Nov-20	890,000	\$2.6251	890,000	1,050,000	2,100,000	84.8%
Dec-20	1,100,000	\$2.7518	1,100,000	1,240,000	2,470,000	88.7%
Total	12,950,000	\$2.6962	12,950,000	12,900,000	25,790,000	100.4%
Jan-21	1,120,000	\$2.8505	1,120,000	1,540,000	3,070,000	72.7%
Feb-21	760,000	\$2.8108	760,000	1,140,000	2,280,000	66.7%
Mar-21	620,000	\$2.7052	620,000	1,110,000	2,220,000	55.9%
Apr-21	700,000	\$2.4457	700,000	1,370,000	2,740,000	51.1%
May-21	410,000	\$2.4028	410,000	900,000	1,810,000	45.6%
Jun-21	280,000	\$2.4111	280,000	810,000	1,620,000	34.6%
Jul-21	220,000	\$2.4123	220,000	830,000	1,670,000	26.5%
Aug-21	140,000	\$2.3904	140,000	830,000	1,660,000	16.9%
Sep-21	70,000	\$2.3799	70,000	890,000	1,780,000	7.9%
Oct-21				1,280,000	2,570,000	
Nov-21				1,440,000	2,880,000	
Dec-21				1,250,000	2,490,000	
Total	4,320,000	\$2.6412	4,320,000	13,390,000	26,790,000	32.3%

Quantities stated above do not include natural hedging that emanates from storage. Based on the Company's injection plan for the 2019/2020 winter period, total storage supplies available for withdrawal totaled 8,651,046 dth. Adding this quantity to the hedged quantities for the November 2019 through March 2020 winter period of 5,880,000 dth results in a total hedged quantity of 14,531,046 dth or 70.2% of the normal winter firm sales requirement of 20,692,175 dth.

Elizabethtown Gas Company
Hedging Report
Status as of December 31, 2019

Gas Flow Month	Price Hedged		Total Quantity Price Protected Dth	ETG - GPS&P Guidelines		
	Quantity Dth	\$/Dth		Min Quantity Dth	Max Quantity Dth	Current Pct. of Min
Jan-20						
Feb-20	1,150,000	\$2.8684	1,150,000	1,130,000	2,260,000	101.8%
Mar-20	1,010,000	\$2.7885	1,010,000	1,100,000	2,200,000	91.8%
Apr-20	1,430,000	\$2.6106	1,430,000	1,350,000	2,700,000	105.9%
May-20	1,010,000	\$2.6218	1,010,000	890,000	1,770,000	113.5%
Jun-20	860,000	\$2.6273	860,000	790,000	1,580,000	108.9%
Jul-20	880,000	\$2.6212	880,000	820,000	1,630,000	107.3%
Aug-20	880,000	\$2.6221	880,000	810,000	1,630,000	108.6%
Sep-20	900,000	\$2.5943	900,000	870,000	1,740,000	103.4%
Oct-20	1,330,000	\$2.5860	1,330,000	1,300,000	2,600,000	102.3%
Nov-20	980,000	\$2.6076	980,000	1,030,000	2,060,000	95.1%
Dec-20	1,300,000	\$2.7341	1,300,000	1,170,000	2,350,000	111.1%
Total	11,730,000	\$2.6644	11,730,000	11,260,000	22,520,000	104.2%
Jan-21	1,500,000	\$2.8207	1,500,000	1,500,000	3,010,000	100.0%
Feb-21	1,080,000	\$2.7754	1,080,000	1,100,000	2,190,000	98.2%
Mar-21	890,000	\$2.6642	890,000	1,110,000	2,220,000	80.2%
Apr-21	1,030,000	\$2.4005	1,030,000	1,400,000	2,800,000	73.6%
May-21	640,000	\$2.3587	640,000	900,000	1,800,000	71.1%
Jun-21	490,000	\$2.3703	490,000	820,000	1,640,000	59.8%
Jul-21	430,000	\$2.3843	430,000	840,000	1,690,000	51.2%
Aug-21	350,000	\$2.3736	350,000	840,000	1,680,000	41.7%
Sep-21	280,000	\$2.3578	280,000	900,000	1,800,000	31.1%
Oct-21	330,000	\$2.3781	330,000	1,250,000	2,510,000	26.4%
Nov-21	240,000	\$2.4510	240,000	1,040,000	2,080,000	23.1%
Dec-21	100,000	\$2.6234	100,000	1,180,000	2,370,000	8.5%
Total	7,360,000	\$2.5672	7,360,000	12,880,000	25,790,000	57.1%
Jan-22				1,520,000	3,030,000	
Feb-22				1,110,000	2,210,000	
Mar-22				1,120,000	2,240,000	
Apr-22				1,410,000	2,820,000	
May-22				910,000	1,820,000	
Jun-22				830,000	1,650,000	
Jul-22				850,000	1,700,000	
Aug-22				850,000	1,700,000	
Sep-22				910,000	1,810,000	
Oct-22				1,260,000	2,530,000	
Nov-22				1,050,000	2,100,000	
Dec-22				1,190,000	2,390,000	
Total				13,010,000	26,000,000	

Quantities stated above do not include natural hedging that emanates from storage. Based on the Company's injection plan for the 2019/2020 winter period, total storage supplies available for withdrawal totaled 8,651,046 dth. Adding this quantity to the hedged quantities for the November 2019 through March 2020 winter period of 5,880,000 dth results in a total hedged quantity of 14,531,046 dth or 70.2% of the normal winter firm sales requirement of 20,692,175 dth.

Elizabethtown Gas Company

Hedging Report

Status as of March 31, 2020

Gas Flow Month	Price Hedged		Total Quantity Price Protected Dth	ETG - GPS&P Guidelines		
	Quantity Dth	\$/Dth		Min Quantity Dth	Max Quantity Dth	Current Pct. of Min
Jan-20						
Feb-20						
Mar-20						
Apr-20						
May-20	1,010,000	\$2.6218	1,010,000	890,000	1,770,000	113.5%
Jun-20	860,000	\$2.6273	860,000	790,000	1,580,000	108.9%
Jul-20	880,000	\$2.6212	880,000	820,000	1,630,000	107.3%
Aug-20	880,000	\$2.6221	880,000	810,000	1,630,000	108.6%
Sep-20	900,000	\$2.5943	900,000	870,000	1,740,000	103.4%
Oct-20	1,330,000	\$2.5860	1,330,000	1,300,000	2,600,000	102.3%
Nov-20	980,000	\$2.6076	980,000	1,030,000	2,060,000	95.1%
Dec-20	1,300,000	\$2.7341	1,300,000	1,170,000	2,350,000	111.1%
Total	8,140,000	\$2.6297	8,140,000	7,680,000	15,360,000	106.0%
Jan-21	1,500,000	\$2.8207	1,500,000	1,500,000	3,010,000	100.0%
Feb-21	1,160,000	\$2.7646	1,160,000	1,100,000	2,190,000	105.5%
Mar-21	1,100,000	\$2.6268	1,100,000	1,110,000	2,220,000	99.1%
Apr-21	1,410,000	\$2.3551	1,410,000	1,400,000	2,800,000	100.7%
May-21	860,000	\$2.3210	860,000	900,000	1,800,000	95.6%
Jun-21	670,000	\$2.3376	670,000	820,000	1,640,000	81.7%
Jul-21	640,000	\$2.3540	640,000	840,000	1,690,000	76.2%
Aug-21	550,000	\$2.3434	550,000	840,000	1,680,000	65.5%
Sep-21	510,000	\$2.3237	510,000	900,000	1,800,000	56.7%
Oct-21	640,000	\$2.3426	640,000	1,250,000	2,510,000	51.2%
Nov-21	600,000	\$2.4029	600,000	1,040,000	2,080,000	57.7%
Dec-21	410,000	\$2.5560	410,000	1,180,000	2,370,000	34.7%
Total	10,050,000	\$2.5055	10,050,000	12,880,000	25,790,000	78.0%
Jan-22	390,000	\$2.6552	390,000	1,520,000	3,030,000	25.7%
Feb-22	190,000	\$2.6025	190,000	1,110,000	2,210,000	17.1%
Mar-22	90,000	\$2.4803	90,000	1,120,000	2,240,000	8.0%
Apr-22				1,410,000	2,820,000	
May-22				910,000	1,820,000	
Jun-22				830,000	1,650,000	
Jul-22				850,000	1,700,000	
Aug-22				850,000	1,700,000	
Sep-22				910,000	1,810,000	
Oct-22				1,260,000	2,530,000	
Nov-22				1,050,000	2,100,000	
Dec-22				1,190,000	2,390,000	
Total	670,000	\$2.6168	670,000	13,010,000	26,000,000	5.1%

Quantities stated above do not include natural hedging that emanates from storage. Based on the Company's injection plan for the 2020/2021 winter period, total storage supplies available for withdrawal totaled 8,651,285 dth. Adding this quantity to the hedged quantities for the November 2020 through March 2021 winter period of 6,040,000 dth results in a total hedged quantity of 14,691,285 dth or 70.1% of the normal winter firm sales requirement of 20,943,596 dth.

Elizabethtown Gas Company

FERC Pipeline Activities

FERC PennEast Pipeline Project (Docket No. CP15-558-000)

On September 24, 2015, PennEast Pipeline Company, LLC (PennEast) filed an application pursuant to section 7(c) of the Natural Gas Act (NGA) and Parts 157 and 284 of the Commission's regulations, requesting authorization to construct and operate a new 116-mile natural gas pipeline from Luzerne County, Pennsylvania, to Mercer County, New Jersey, along with three laterals extending off the mainline, a compression station, and appurtenant above ground facilities (PennEast Project). The project is designed to provide up to 1,107,000 dekatherms per day (Dth/d) of firm transportation service. PennEast also requested a blanket certificate under Part 284, Subpart G of the FERC's regulations to provide open-access transportation services, and a blanket certificate under Part 157, Subpart F of the Commission's regulations to perform certain routine construction activities and operations. By Order dated January 19, 2018 the FERC issued a certificate of public convenience and necessity to PennEast, authorizing it to construct and operate the proposed PennEast Project. The certificate authority issued in the Order was conditioned on: (1.) PennEast's proposed project being constructed and made available for service within two years of the date of the order, (2) PennEast's compliance with all applicable Commission regulations, (3) PennEast's compliance with the environmental conditions listed in the order, along with other stipulations. The Order also provided PennEast with the two requested blanket certificates mentioned above. On January 30, 2020 an application was filed to amend the certificate authorization to construct, own, and operate the project in two (2) phases. The first phase would consist of 650,000 Dt/d covering 68 miles of pipeline in Pennsylvania, terminating in Northampton County, two out of three compressor units at the Kidder Compressor Station, as well as new interconnection facilities. Phase 2 would encompass the remaining route in Pennsylvania and New Jersey. Total project capacity would remain 1.1 Bcf/d. This application requested that the Commission issue an order by October 2020

Transco General Rate Case Filing (Docket No. RP18-1126-000)

On August 31, 2018 Transco filed a Section 4 general rate case to be effective October 1, 2018. After suspension, the increased rates became effective March 1, 2019, subject to refund. The principle factors supporting the increased cost of service are (a) an increase in operation and maintenance expenses, (b) an increase depreciation expense, and (c) an increase in return and related income taxes. On September 28, 2018 the FERC issued an "Order Accepting Tariff Records, Accepting and Suspending Tariff Records, Subject to Refund, and Establishing Hearing and Settlement Judge Procedures" in response to Transco's rate case filings. Transco began billing the motion rates effective March 1, 2019, subject to refund. All parties have reached agreement to settle the case. Transco has filed settlement rate to be effective June 1, 2020 and it is anticipated that refunds will follow in July.

Cash-Out Price Changes (Docket No. RP20-614) and Disposition of Cash-Out Costs and Revenues (Docket No. RP20-618)

On February 28, 2020, in Docket No. RP 20-614, Transco filed revised tariff records with the Commission to change the calculations establishing the prices used for cashing out monthly imbalances remaining at the time of final resolution pursuant to Section 25 of the General Terms and Conditions of Transco's Tariff. On February 28, 2020, in Docket No. RP20-618, Transco filed revised tariff records with the Commission to change the procedures used to address over- or under-recoveries resulting from the difference between revenues received and costs incurred by Transco under the cash-out provisions of Transco's Tariff. Specifically, Transco proposes to establish a refund or surcharge rate designed to return to or recover from customers any over- or under-recovery of costs incurred under the cash-out provisions of the Tariff during an annual period. On March 30, 2020, the Commission accepted and suspended Transco's proposed tariff records to be effective September 1, 2020, subject to refund, and established hearing procedures. A prehearing conference occurred on April 16, 2020, and the presiding judge issued an Order Establishing Procedural Schedule on April 20, 2020. The Settlement Judge issued an Order Scheduling the First Settlement Teleconference for May 1, 2020 at 10am EST.

Approval of Rate Schedules LSS & SS-2 Third Party Fuel Tracker Filing (Docket No. RP20- 677)

On April 7, 2020, the Commission approved Transco's March 24, 2020 filing to track third party fuel retention percentages attributable to storage services purchased from National Fuel Gas Supply Corporation under its Rate Schedule SS-1, which are included in the fuel retention percentages under Transco's Rate Schedules LSS and SS-1. The effective date of the revised LSS and SS-2 fuel percentages is April 1, 2020.

Rate Schedule SS-2 Annual Inventory Adjustment Compliance Filing (Docket No. RP20-796-000)

On April 21, 2020, Transco submitted a filing with the Commission to track a third-party adjustment affecting Rate Schedule SS-2 customers' storage inventory balances. This filing was made in compliance with Section 8(c) of Transco's Rate Schedule SS-2, which provides that Transco will track annually to its Rate Schedule SS-2 customers the adjustment made by National Fuel to Transco's storage inventory under National Fuel's Rate Schedule SS-1 related to transportation purchased by Transco under National Fuel's Rate Schedule X-54. Upon acceptance, Transco's adjustment to its Rate Schedule SS-2 customers' storage inventory will be made effective May 1, 2020.

Rate Schedules LSS & SS-2 Third Party Fuel Tracker Filing (Docket No. RP20-718)

On March 31, 2020, Transco filed revised tariff records in order to track rate changes attributable to storage services purchased from National Fuel Gas Supply Corporation under its Rate Schedule SS-1 which is included in the rates and charges payable under Transco's

Rate Schedules LSS and SS-2. On April 22, 2020, the Commission approved the revised tariff records, effective May 1, 2020.

Texas Eastern General Rate Case Filing (Docket No. RP-19-343)

On November 30, 2018 Texas Eastern filed a Section 4 general rate case to be effective January 1, 2019. After suspension, the increased rates will become effective June 1, 2019, subject to refund. Texas Eastern's proposed tariff revisions include changes to the transportation and storage rates for services that Texas Eastern provides under its firm and interruptible rate schedules, and the establishment of a gathering rate. Moreover, Texas Eastern proposed rate increases for the maximum recourse reservation and usage charges for each of the Access Area and Market Area zone matrices. Texas Eastern stated that the changes proposed in this filing are warranted to recover its cost of service and the proposed increases are primarily due to the significant growth in Texas Eastern's rate base due to the growth in system net plant. The case has been settled with settlement rates were put into effect May 1, 2020 and refunds issued.

Columbia Gas Reservation Charge Credit Tariff Filing (Docket No. RP20-857-000)

On May 1, 2020, in Docket No. RP20-857-000, Columbia Gas Transmission, LLC submitted a filing with the Federal Energy Regulatory Commission proposing to change the method by which Columbia Gas determines the volumes to which reservation charge credits apply, and to reflect Columbia Gas' selection to change the method by which reservation charge credits are calculated to the Safe Harbor method. Columbia Gas requested the changes become effective June 1, 2020

Columbia's Periodic Transportation Costs Rate Adjustment Filing (TCRA) (Docket No. RP19-1191-000)

The Commission approved the TCRA surcharge as a mechanism for Columbia Gas to recover "any prudently incurred off-system capacity costs, without filing a general section 4 rate case". Based on the record and arguments in this proceeding, the commission finds that Columbia Gas prudently incurred the costs of the contracts for capacity on Texas Eastern and is entitled to recover those costs through its TCRA.

Columbia Gas's tariff records filed in Docket No. RP19-763-000 are accepted effective April 1, 2019 and are no longer subject to Commission review. (B) Columbia Gas's tariff records filed in Docket No. RP19-1191-000 are accepted effective June 1, 2019 and no longer subject to Commission review.

Elizabethtown Gas Company
Historical and Estimated Supply and Demand Requirements

All figures in MDth unless otherwise noted

REQUIREMENTS	2017-2018 ACTUALS			2018-2019 ACTUALS			2019-2020 ACTUALS/ESTIMATE ⁴		
	Non			Non			Non		
	Heating	Heating	Annual	Heating	Heating	Annual	Heating	Heating	Annual
FIRM									
<i>Residential</i>	17,576	6,917	24,493	17,916	5,722	23,637	17,311	5,106	22,417
<i>Commercial</i>	5,463	4,315	9,778	10,366	2,251	12,617	5,255	1,972	7,227
<i>Industrial</i>	47	136	183	172	238	410	254	402	656
<i>Company Use</i>	165	111	276	175	118	293	145	98	242
<i>Unacct. For</i> ⁵	512	253	764	630	183	813	505	167	672
Total Firm Requirements (Normal)	23,762	11,731	35,493	29,258	8,511	37,770	23,470	7,744	31,214
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	N/A	N/A	N/A	N/A	N/A
AVAILABLE FOR NON-FIRM SERVICE ¹	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CAPACITY									
Pipeline Deliverability (delivering pipe)									
<i>Transco</i>	21,363	28,538	49,901	21,363	28,538	49,901	21,503	28,538	50,041
<i>Texas Eastern</i>	4,841	6,860	11,701	4,841	6,860	11,701	9,417	13,258	22,675
<i>Columbia Gas</i>	2,483	3,518	6,001	2,483	3,518	6,001	2,499	3,518	6,017
<i>Tennessee</i>	611	866	1,477	611	866	1,477	615	866	1,481
Total Pipeline Deliverability	29,298	39,782	69,080	29,298	39,782	69,080	34,034	46,180	80,214
Storage Deliverability									
<i>Storage Capacity</i>	9,244		0	9,244		0	9,244		0
<i>Emergency Reserve</i> ²	400	400	0	400	400	0	400	400	0
<i>(Injections)/Withdrawals</i>	8,844	(8,844)	0	8,844	(8,844)	0	8,844	(8,844)	0
Peaking Deliverability									
On-System:									
<i>LNG</i>	135	0	135	135	0	135	135	0	135
Via Pipeline:									
<i>Cogeneration Recall</i>	761	0	761	761	0	761	761	0	761
<i>LGA</i>	155	0	155	155	0	155	155	0	155
<i>Other</i>	765	0	765	900	0	900	525	0	525
Total Peaking Capacity	1,816	0	1,816	1,951	0	1,951	1,576	0	1,576
TOTAL AVAILABLE CAPACITY	39,958	30,938	70,896	40,093	30,938	71,031	44,454	37,336	81,790
SUPPLY									
<i>Long Term Firm Supply</i>									
<i>Seasonal or Annual Firm Supply</i>									
<i>Other</i> ³									
TOTAL GAS SUPPLY CONTRACTS									

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

Forecast based on 10 year normal weather (2009 - 2019)

¹ 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.

² Reserve for colder than normal weather in April.

³ Spot purchases or new firm supplies.

⁴ Actuals through April 2020.

⁵ Seasonal Lost and Unaccounted for values are prorated from the annual.

Elizabethtown Gas Company
Historical and Estimated Supply and Demand Requirements

All figures in MDth unless otherwise noted

REQUIREMENTS	2020-2021 ESTIMATE			2021-2022 ESTIMATE			2022-2023 ESTIMATE		
	Non Heating			Non Heating			Non Heating		
	Heating	Heating	Annual	Heating	Heating	Annual	Heating	Heating	Annual
FIRM									
<i>Residential</i>	18,016	5,147	23,163	18,325	5,118	23,443	18,582	5,076	23,658
<i>Commercial</i>	5,485	2,060	7,545	5,582	2,177	7,759	5,892	2,214	8,106
<i>Industrial</i>	345	402	747	345	402	747	371	403	774
<i>Company Use</i>	150	101	252	153	103	256	155	105	260
<i>Unacct. For</i> ⁴	528	170	698	537	172	709	550	172	722
Total Firm Requirements (Normal)	24,524	7,880	32,404	24,941	7,972	32,913	25,550	7,969	33,520
DESIGN WINTER INCREMENT	5,952	0	5,952	6,018	0	6,018	5,923		5,923
TOTAL FIRM REQUIREMENTS (Design)	30,476	7,880	38,356	30,959	7,972	38,931	31,473	7,969	39,443
AVAILABLE FOR NON-FIRM SERVICE ¹	14,832	33,215	48,047	14,349	33,118	47,467	23,348	46,602	69,950
CAPACITY									
Pipeline Deliverability (delivering pipe)									
<i>Transco</i>	24,015	32,297	56,312	24,015	32,292	56,307	28,545	38,712	67,257
<i>Texas Eastern</i>	9,355	13,258	22,613	9,355	13,258	22,613	9,355	13,258	22,613
<i>Columbia Gas</i>	2,483	3,518	6,001	2,483	3,518	6,001	7,466	10,580	18,046
<i>Tennessee</i>	611	866	1,477	611	866	1,477	611	866	1,477
Total Pipeline Deliverability	36,464	49,939	86,403	36,464	49,934	86,398	45,977	63,416	109,393
Storage Deliverability									
<i>Storage Capacity</i>	9,244		0	9,244		0	9,244		0
<i>Emergency Reserve</i> ²	400	400	0	400	400	0	400	400	0
<i>(Injections)/Withdrawals</i>	8,844	(8,844)	0	8,844	(8,844)	0	8,844	(8,844)	0
Peaking Deliverability									
On-System:									
<i>LNG</i>	135	0	135	135	0	135	135	0	135
Via Pipeline:									
<i>Cogeneration Recall</i>	336	0	336	336	0	336	336	0	336
<i>LGA</i>	155	0	155	155	0	155	155	0	155
<i>Other</i>	1,005	0	1,005	1,125	0	1,125	255	0	255
Total Peaking Capacity	1,631	0	1,631	1,751	0	1,751	881	0	881
TOTAL AVAILABLE CAPACITY	46,939	41,095	88,034	47,059	41,090	88,149	55,702	54,572	110,274
SUPPLY									
<i>Long Term Firm Supply</i>									
<i>Seasonal or Annual Firm Supply</i>									
<i>Other</i> ³	15,680	16,724	32,404	16,097	16,816	32,913	16,706	16,814	33,520
TOTAL GAS SUPPLY CONTRACTS	15,680	16,724	32,404	16,097	16,816	32,913	16,706	16,814	33,520
DESIGN PEAK DAY									
	2020-2021 ESTIMATE			2021-2022 ESTIMATE			2022-2023 ESTIMATE		
	Dth per Day			Dth per Day			Dth per Day		
DEMAND:									
<i>Firm Sales</i>		465,172			472,170			476,588	
<i>LAUF</i>		9,688			9,833			9,925	
<i>Interruptible Sales</i>		0			0			0	
<i>Transportation Service</i>		123,097			123,055			124,527	
TOTAL THROUGHPUT		597,957			605,058			611,040	
SUPPLY:									
<i>Storage & Seasonal</i>		117,776			117,776			117,776	
<i>Pipeline Transport</i>		233,478			233,478			296,478	
Peaking									
<i>Contracted</i>		38,950			38,950			38,950	
<i>Mechanical</i>		25,000			25,000			25,000	
<i>3rd Party</i>		67,000			75,000			17,000	
<i>Take-back</i>		16,095			16,095			16,095	
<i>TPS Deliveries</i>		105,622			105,745			108,547	
TOTAL SUPPLY		603,921			612,044			619,846	

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

Forecast based on 10 year normal weather (2009 - 2019)

¹ 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.

² Reserve for colder than normal weather in April.

³ Spot purchases or new firm supplies.

⁴ Seasonal Lost and Unaccounted for values are prorated from the annual.

Elizabethtown Gas Company
Historical and Estimated Supply and Demand Requirements

All figures in MDth unless otherwise noted

REQUIREMENTS	2023-2024 ESTIMATE			2024-2025 ESTIMATE		
	Non			Non		
	Heating	Heating	Annual	Heating	Heating	Annual
FIRM						
<i>Residential</i>	18,903	4,959	23,862	19,108	4,987	24,095
<i>Commercial</i>	6,093	2,258	8,351	6,296	2,351	8,647
<i>Industrial</i>	370	471	841	370	471	841
<i>Company Use</i>	158	107	264	160	108	269
<i>Unacct. For</i> ⁴	562	171	733	571	174	745
Total Firm Requirements (Normal)	26,085	7,966	34,051	26,505	8,091	34,596
DESIGN WINTER INCREMENT	5,892		5,892	5,972		5,972
TOTAL FIRM REQUIREMENTS (Design)	31,977	7,966	39,943	32,477	8,091	40,568
AVAILABLE FOR NON-FIRM SERVICE ¹	22,844	46,606	69,450	22,344	46,480	68,825
CAPACITY						
Pipeline Deliverability (delivering pipe)						
<i>Transco</i>	28,545	38,712	67,257	28,545	38,712	67,257
<i>Texas Eastern</i>	9,355	13,258	22,613	9,355	13,258	22,613
<i>Columbia Gas</i>	7,466	10,580	18,046	7,466	10,580	18,046
<i>Tennessee</i>	611	866	1,477	611	866	1,477
Total Pipeline Deliverability	45,977	63,416	109,393	45,977	63,416	109,393
Storage Deliverability						
<i>Storage Capacity</i>	9,244		0	9,244		0
<i>Emergency Reserve</i> ²	400	400	0	400	400	0
<i>(Injections)/Withdrawals</i>	8,844	(8,844)	0	8,844	(8,844)	0
Peaking Deliverability						
On-System:						
<i>LNG</i>	135	0	135	135	0	135
Via Pipeline:						
<i>Cogeneration Recall</i>	336	0	336	336	0	336
<i>LGA</i>	155	0	155	155	0	155
<i>Other</i>	345	0	345	450	0	450
Total Peaking Capacity	971	0	971	1,076	0	1,076
TOTAL AVAILABLE CAPACITY	55,792	54,572	110,364	55,897	54,572	110,469
SUPPLY						
<i>Long Term Firm Supply</i>						
<i>Seasonal or Annual Firm Supply</i>						
<i>Other</i> ³	17,241	16,810	34,051	17,661	16,936	34,596
TOTAL GAS SUPPLY CONTRACTS	17,241	16,810	34,051	17,661	16,936	34,596
DESIGN PEAK DAY						
	2023-2024 ESTIMATE		2024-2025 ESTIMATE			
	Dth per Day		Dth per Day			
DEMAND:						
<i>Firm Sales</i>		482,233		488,824		
<i>LAUF</i>		10,043		10,180		
<i>Interruptible Sales</i>		0		0		
<i>Transportation Service</i>		125,266		125,577		
TOTAL THROUGHPUT		617,542		624,581		
SUPPLY:						
<i>Storage & Seasonal</i>		117,776		117,776		
<i>Pipeline Transport</i>		296,478		296,478		
<i>Peaking</i>						
<i>Contracted</i>		38,950		38,950		
<i>Mechanical</i>		25,000		25,000		
<i>3rd Party</i>		23,000		30,000		
<i>Take-back</i>		16,095		16,095		
<i>TPS Deliveries</i>		110,093		110,349		
TOTAL SUPPLY		627,392		634,648		

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

Forecast based on 10 year normal weather (2009 - 2019)

¹ 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.

² Reserve for colder than normal weather in April.

³ Spot purchases or new firm supplies.

⁴ Seasonal Lost and Unaccounted for values are prorated from the annual.

Elizabethtown Gas Company
Changes to Firm Transportation and Storage Contracts

	Tariff Service	Old Contract No.	New Contract No.	FERC Certificate	DCQ (dth/day)	MSQ (dth)	Termination Date	Evergreen/Rollover (Y/N)	Recent Action Taken
ARLINGTON STORAGE COMPANY	FSS-SB	EGC_SB00005FSS-A	EGC_SB00005FSS-A	284	5,556	500,000	3/31/2023	Y	No change
COLUMBIA GAS TRANSMISSION	NTS	39275	207205	284	12,736		10/31/2025	Y	Term extended
	SST	78749	207195	284	3,644		3/31/2023	N	Term extended
	FSS	78480	207297	284	3,644	230,168	3/31/2023	N	Term extended
	FTS	92061	207204	284	10,000		10/31/2025	Y	Term extended
DOMINION ENERGY TRANSMISSION	FTNN	100115	5E4115	284	6,444		3/31/2021		No change
	FT	200394	200748	7c	5,522		Evergreen	Y	Term extended per Evergreen Roll-over
	FT	200397	200750	284	17,120		Evergreen	Y	Term extended per Evergreen Roll-over
	GSS	300165	5F2468	284	10,826	645,244	3/31/2023	Y	No change
	GSS	300167	5F2469	284	16,667	1,666,666	3/31/2022	Y	No change
	GSS (TE)	600044	600050	7c	23,190	2,387,206	Evergreen	Y	Term extended per Evergreen Roll-over
GULF SOUTH	FSS-P	5904	49786	284	10,000	100,000	Evergreen	Y	Term extended per Evergreen Roll-over
	FTS	34691	49785	284	15,000		3/31/2022	N	Term extended
NATIONAL FUEL GAS SUPPLY	EFT	E00526	E12398	284	11,090		Evergreen	Y	Term extended per Evergreen Roll-over
	FT-3	F01642	F12397	284	15,805		Evergreen	Y	Term extended per Evergreen Roll-over
STAGECOACH PIPELINE & STORAGE COMPANY	FSS	PUHI00166FS	PUHI00166FS	284	3,040	304,000	3/31/2024	N	Term extended
TEXAS EASTERN TRANSMISSION	FTS	330837	911510	7c	1,520		Evergreen	Y	Term extended per Evergreen Roll-over
	FTS-8	331013	911511	7c	8,469		Evergreen	Y	Term extended per Evergreen Roll-over
	FTS-5	331501	911512	7c	16,666		Evergreen	Y	Term extended per Evergreen Roll-over
	FTS-7	331720	911513	7c	14,298		Evergreen	Y	Term extended per Evergreen Roll-over
	SS-1	400196	400258	284	3,646	379,911	Evergreen	Y	Term extended per Evergreen Roll-over
	CDS	800217	911522	284	20,220		10/31/2023	Y	Term extended
	FT-1	800392	911520	284	1,348		Evergreen	Y	Term extended per Evergreen Roll-over
	FT-1	830029	911523	284	20,000		Evergreen	Y	Term extended per Evergreen Roll-over
	FT-1	910080	911518	284	5,000		3/31/2021	Y	No change
	FT-1	910081	911519	284	5,000		3/31/2021	Y	No change
	FT-1	910333	911517	284	5,394		Evergreen	Y	Term extended per Evergreen Roll-over
	FT-1		911570	284	30,000		11/30/2034	Y	New, in-service 12/1/2019
TENNESSEE GAS PIPELINE	FT-G	597	339380	284	3,048		10/31/2024	Y	Term extended
	FT-G	603	339379	284	1,014		10/31/2024	Y	Term extended
	FT-A	959	339378	284	1,000		4/30/2022	Y	No change
	FS-MA	8703	339377	284	1,014	100,485	3/31/2023	Y	No change
	FT-AQTGP	317355	317355	284	3,000		10/31/2026	N	Term extended
TRANSCONTINENTAL GAS PIPE LINE COMPANY	GSS	1000739	9213011	7c	27,604	1,759,955	3/31/2023	Y	No change
	LSS	1000741	9213012	7c	8,000	600,000	3/31/2023	Y	No change
	S-2	1000742	9213010	7c	7,267	653,186	Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1002230	9213320	284	1,811		Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1003686	9213453	284	77,755		Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1003832	9213334	284	5,175		Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1005014	9213321	284	1,967		Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1010431	9213319	284	2,588		Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1010445	9213324	284	1,442		Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1011995	9213332	284	15,000		Evergreen	Y	Term will extend per Evergreen Roll-over
	FT	1011997	9213329	284	17,595		Evergreen	Y	Term will extend per Evergreen Roll-over
	FT	1011998	9213333	284	15,615		Evergreen	Y	Term will extend per Evergreen Roll-over
	LNG	1032229	9213335	284	38,950	154,951	6/30/2021	Y	Term extended per Evergreen Roll-over
	WSS-OA	1041432	9213322	284	35,923	3,412,638	Evergreen	Y	Term extended per Evergreen Roll-over
	FT	1044821	9213336	284	6,973		Evergreen	Y	Term extended per Evergreen Roll-over
	ESS	9050547	9213323	284	29,822	250,075	9/30/2029	Y	No change
	FT	9077828	9213318	284	10,000		10/31/2029	Y	No change
	FT	9090630	9213317	284	5,000		11/18/2029	Y	No change
	FT	9158868	9213337	284	11,090		6/30/2021	Y	Term extended per Evergreen Roll-over
	FT	9159808	9213338	284	500		6/30/2021	Y	Term extended per Evergreen Roll-over