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VP, Clean Energy and Sustainability

July 15, 2020

Electronic Filing

Aida Camacho-Welch, Secretary
New Jersey Board of Public Utilities
44 South Clinton Avenue, 3rd Fl, Ste 314
P.O. Box 350
Trenton, NJ 08625-0350

**Re: IN THE MATTER OF THE PETITION OF ELIZABETHTOWN GAS COMPANY
FOR APPROVAL OF A RATE ADJUSTMENT PURSUANT TO THE
INFRASTRUCTURE INVESTMENT PROGRAM ("IIP")
BPU Docket No. GR20050327**

Dear Secretary Camacho-Welch:

With regard to the above-referenced matter, enclosed herewith is the submission of Elizabethtown Gas Company's 12&0 Update Schedules.

Due to the pandemic, and in accordance with the New Jersey Board of Public Utilities ("BPU") March 19, 2020 Order and May 20, 2020 Order issued in BPU Docket No. EO20030254, hard copies are not being provided at this time, but can be provided later, as needed.

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

Respectfully,

A handwritten signature in dark ink, appearing to read "Deborah M. Franco", is written in a cursive style.

Deborah M. Franco

Enclosures
cc: Service List (with enclosures)

**IN THE MATTER OF THE PETITION OF ELIZABETHTOWN GAS COMPANY TO
FOR APPROVAL OF A RATE ADJUSTMENT PURSUANT TO THE
INFRASTRUCTURE INVESTMENT PROGRAM (“IIP”)
BPU DOCKET NO. GR20050327
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**STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES**

-----X	
IN THE MATTER OF THE PETITION OF	:
ELIZABETHTOWN GAS COMPANY FOR	:
APPROVAL OF A RATE ADJUSTMENT	:
PURSUANT TO THE INFRASTRUCTURE	:
INVESTMENT PROGRAM ("IIP")	:
-----X	

BPU DOCKET NO. GR20050327

12&0 UPDATE SCHEDULES

July 15, 2020

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

-----X		
IN THE MATTER OF THE PETITION OF	:	
ELIZABETHTOWN GAS COMPANY FOR	:	BPU DOCKET NO. GR20050327
APPROVAL OF A RATE ADJUSTMENT	:	
PURSUANT TO THE INFRASTRUCTURE	:	12&0 UPDATE SUMMARY
INVESTMENT PROGRAM (“IIP”)	:	
-----X		

Elizabethtown Gas Company (“Elizabethtown,” “Petitioner,” or “Company”), filed its Petition in this matter on April 30, 2020 (the “Petition”), seeking approval of a rate adjustment associated with the Company’s Infrastructure Investment Program (“IIP”), which was approved by the Board on June 12, 2019 in BPU Docket No. GR18101197. With the IIP, Elizabethtown is authorized to invest \$300 million in the Company’s gas distribution system over the five (5) year period, July 1, 2019 through June 30, 2024, to replace up to 250 miles of cast iron and bare steel mains and related services, as well as the installation of excess flow valves on new service lines.

Cost recovery for IIP projects is effectuated by an annual rate adjustment effective on October 1. The Petition, as filed, contained actual IIP investment data for the period July 1, 2019 through March 31, 2020. With this 12&0 update filing, the Company is providing actual IIP investment data through June 30, 2020 and is seeking a rate adjustment that will take effect on October 1, 2020, to reflect the revenue requirements associated with IIP projects placed in service during the period July 1, 2019 through June 30, 2020.

If approved by the Board, the impact of the proposed rider rate on a residential customer using 100 therms would be an increase of \$2.10, or 2.0%.

IIP
12 & 0 UPDATE

**Schedules
of
THOMAS KAUFMANN**

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")
Revenue Requirement and Residential Bill Impact

		June 2020
		Roll-In Oct 1
Plant In Service (excl AFUDC)		\$62,835,119
Monitor		\$35,000
Advanced Leak Detection (ALD) Report		\$157,000
AFUDC		\$282,912
Total Plant In Service		\$63,310,031
Book Depreciation, half year		(\$602,551)
Deferred Income Tax		(\$497,990)
Rate Base		\$62,209,490
Rate of Return - net of tax		6.5165%
		\$4,053,881
O&M Red. for Leak Repairs - per Stip, net of tax	28.110%	(\$64,701)
Advanced Leak Detection expense, net of tax	28.110%	\$0
Depreciation Exp, net of tax	28.110%	\$866,347
Allowable Net Income		\$4,855,527
Revenue Factor		1.406762
Revenue Requirement		\$6,830,571
Cumulative Revenue Requirement		\$6,830,571
Average Book Depreciation Rate		1.90%
Tax Depreciation Rate		3.750%
Bonus Depreciation Rate		0%
Half Year Book Depreciation		\$602,551
Tax Bonus Depreciation		\$0
Tax Depreciation		\$2,374,126
Deferred Income Tax Credit, (Bk - Tax)* Tax Rate		(\$497,990)
O&M Red. for Leak Repairs - per Stip		(\$90,000)
Advanced Leak Detection expense		\$0
<u>Residential Bill Impact:</u>		
		<u>2019 Rate Case Billing Determinants</u>
% / \$\$\$ to RDS per STIP 2016 Case	65.984%	\$4,507,084
Rate Case Therms 2019	229,151,904	\$0.0197
per Therm w/ SUT	106.625%	\$0.0210
Annual Increase, w/tax	1,000	\$21.00
Cumulative Increase		\$21.00
1,000 therm Bill as of 7/1/20 before / after IIP	\$1,081.40	\$1,102.40
% Increase from Prior Bill		1.9%

**Schedule TK-2
12+0 Update**

**ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program (“IIP”)
Proposed Rates - Oct 1, 2020
Summary**

	2019 Rate Case % of Base <u>Revenues</u>	<u>Revenue Requirement</u>	<u>Revenue Proof</u>	2019 Rate Case <u>Distribution Therms</u>	<u>Pre Tax Rates</u>	<u>Sales Tax 6.625%</u>	<u>Rates w/ Tax</u>
Residential	65.984294%	\$4,507,104	\$4,514,293	229,151,904	\$0.0197	\$0.0013	\$0.0210
Small General Service	6.352028%	\$433,880	\$433,301	19,967,772	\$0.0217	\$0.0014	\$0.0231
General Delivery Service	23.541991%	\$1,608,052	\$1,614,032	124,156,335	\$0.0130	\$0.0009	\$0.0139
GDS Seasonal SP#1 <i>May-Oct</i>	0.044284%	\$3,025	\$3,031	426,917	\$0.0071	\$0.0005	\$0.0076
Natural Gas Vehicles	0.089335%	\$6,102	\$6,099	173,750	\$0.0351	\$0.0023	\$0.0374
Large Volume Demand	3.771645%	\$257,625	\$257,468	41,527,129	\$0.0062	\$0.0004	\$0.0066
Electric Generation	0.007290%	\$498	\$501	122,163	\$0.0041	\$0.0003	\$0.0044
Gas Lights, per therm	0.007680%	\$525	\$524	28,800	\$0.0182	\$0.0012	\$0.0194
Firm Spec. Contracts	0.201453%	<u>\$13,760</u> \$6,830,571	<u>\$13,613</u> \$6,842,862	13,612,932	\$0.0010	\$0.0001	\$0.0011

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")
Revenue Requirement Allocation

Schedule TK-3
12+0 Update

Plant In-Service as of >>> Revenue Requirement, Cum To Date >>>	<u>June 2020</u> \$6,830,571	Allocation per 2019 Rate Case		
		Base Revenues	Overall %	Allocation
Residential		\$124,740,797	65.984294%	\$4,507,104
Small General Service		\$12,008,268	6.352028%	\$433,880
General Delivery Service		\$44,505,238	23.541991%	\$1,608,052
General Delivery Service SP#1 inc May - Oct discount		\$83,717	0.044284%	\$3,025
Natural Gas Vehicles		\$168,885	0.089335%	\$6,102
Large Volume Demand Combined with FTS, 2019 Rate Case		\$7,130,151	3.771645%	\$257,625
Electric Generation		\$13,782	0.007290%	\$498
Gas Lights		\$14,518	0.007680%	\$525
Firm Base Rate Revenues		\$188,665,356	99.798547%	\$6,816,811
Firm Special Contracts Avg.		\$380,840	0.201453%	\$13,760
Total Firm Revenues		\$189,046,196	100.000000%	\$6,830,571
Interruptible Revenues		\$6,911,221		
Other Revenues		\$1,587,043		
TOTAL REVENUES		\$197,544,460		\$6,830,571

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")

Schedule TK-4
Consisting of 3 Pages
12+0 Update

Proof of Revenues
\$6,830,571

<u>Component</u>	<u>per IIP Stipuation Determinants per 2019 Rate Case</u>		<u>Proposed Rider F Rates Pre Tax</u>	
	<u>Amount</u>	<u>Units</u>	<u>Rate</u>	<u>Revenue Proof</u>
Residential Service				
	271,494	Customers		RDS
Customer Charge	3,257,928	Bills	\$0.00	\$0
Distribution Charge	229,151,904	Therms	\$0.0197	\$4,514,293
Total Base Rate Revenues				\$4,514,293
Small General Service				
	16,054	Customers		SGS
Customer Charge	192,648	Bills	\$0.00	\$0
Distribution & Demand, combined	19,967,772	Therms	\$0.0217	\$433,301
Total Base Rate Revenues				\$433,301
General Delivery Service				
	6,935	Customers		GDS
Customer Charge	83,220	Bills	\$0.00	\$0
Demand Charge	16,495,116	Therms	\$0.000	\$0
Distribution Charge	124,156,335	Therms	\$0.0130	\$1,614,032
Distribution Charge (Lg. A/C, Dist. Gen.)	May-Oct 426,917	Therms	May-Oct \$0.0071	\$3,031
Total Base Rate Revenues	124,583,252	Total Therms		\$1,617,063
Electric Generation Firm Service				
	4	Customers		EGF
Customer Charge	48	Bills	\$0.00	\$0
Demand Charge	9,300	Therms	\$0.000	\$0
Distribution Charge, tariff rate	122,163	Therms	\$0.0041	\$501
Total Base Rate Revenues				\$501
Large Volume Demand Combined with FTS, 2019 Rate Case				
	50	Customers		LVD / FTS
Customer Charge	600	Bills	\$0.00	\$0
Demand Charge	4,228,944	Therms	\$0.000	\$0
Distribution Charge	41,527,129	Therms	\$0.0062	\$257,468
Total Base Rate Revenues				\$257,468

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")

Schedule TK-4
Consisting of 3 Pages
12+0 Update

Proof of Revenues
\$6,830,571

<u>Component</u>	<u>per IIP Stipuation Determinants per 2019 Rate Case</u>		<u>Proposed Rider F Rates Pre Tax</u>	
	<u>Amount</u>	<u>Units</u>	<u>Rate</u>	<u>Revenue Proof</u>
FTS				
<u>Firm Transportation Service</u>	2019 Rate Case Combined with LVD			
Customer Charge				
Demand Charge				
Distribution Charge				
Total Base Rate Revenues				
NGV				
<u>Natural Gas Vehicles</u>	12 Customers 144 Bills			
Distribution Charge	173,750	Therms	\$0.0351	\$6,099
Fueling Charge	173,750	Therms	\$0.0000	\$0
Facilities Charge	173,750	Therms	<u>\$0.0000</u>	<u>\$0</u>
Total Base Rate Revenues			\$0.0351	\$6,099
GLS				
<u>Gas Lights Service</u>	13 Customers 156 Bills			
Service Charge			\$0.27	
Distribution Charge	28,800	Therms	\$0.0182	<u>\$524</u>
Total Base Rate Revenues				\$524
Total Firm Rate Class	415,554,770	Therms		\$6,829,249
CSI				
<u>Closed Tariff 2 Kean Meters Left</u>				
<u>Interruptible Cogeneration Sales Service</u>				
Service Charge	24	Bills	\$0.00	\$0
Distribution Charge, retain 20%	1,236	Therms	\$0.0000	
Total Base Rate Revenues				\$0
IS				
<u>Interruptible Sales Service</u>				
Service Charge	0	Bills	\$0.00	\$0
Demand Charge	127,560	Therms	\$0.000	\$0
Distribution Charge, retain 20%	0	Therms	\$0.0000	
Total Base Rate Revenues				\$0

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")

Schedule TK-4
Consisting of 3 Pages
12+0 Update

Proof of Revenues
\$6,830,571

<u>Component</u>	<u>per IIP Stipuation Determinants per 2019 Rate Case</u>		<u>Proposed Rider F Rates Pre Tax</u>	
	<u>Amount</u>	<u>Units</u>	<u>Rate</u>	<u>Revenue Proof</u>
ITS-IS				
<u>Interruptible Transportation Service</u>		13 Customers		
Service Charge		156 Bills	\$0.00	\$0
Demand Chg., retain 1st \$0.08/ 20% thereafter	274,704	Therms	\$0.000	\$0
Distribution Charge, retain 20%	2,123,735	Therms	\$0.0000	
Total Base Rate Revenues				\$0
*Amount is the 1st \$0.08 per therm				
<hr/>				
No Customers			ITS-CSI	
<u>Interruptible Cogeneration Transportation Service</u>		0 Customers		
Service Charge		0 Bills	\$0.00	\$0
Demand Charge, retain 20%		0 Therms	\$0.000	
Distribution Charge, retain 20%		0 Therms	\$0.0000	
Total Base Rate Revenues				\$0
<hr/>				
			ITS-LVD	
<u>Interruptible LVD Sales Service</u>		40 Customers		
Service Charge		480 Bills	\$0.00	\$0
Demand Charge	4,578,708	Therms	\$0.000	\$0
Distribution Charge	38,783,827	Therms	\$0.0000	\$0
Tariff Flex Revenues	333,212	Therms	\$0.0000	\$0
Total Base Rate Revenues	39,117,039	Total Therms		\$0
FYI ex Flex = 's				
<hr/>				
Total Interruptible Rate Class Revenues				\$0
<hr/>				
TOTAL SYSTEM BASE DISTRIBUTION REVENUES				\$6,829,249
<hr/>				
<u>Other Revenues</u>				
Special Contracts Firm				\$13,613
Special Contracts Interruptible				\$0
Other Miscellaneous Revenues				\$0
Total Other Revenues				\$13,613
<hr/>				
TOTAL SYSTEM INCLUDING OTHER REVENUES				\$6,842,862
<hr/>				
			Change	\$6,842,862
			Target Change	\$6,830,571
			Difference	\$12,291

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")
Weather Normalization Clause ("WNC") Margin Revenue Factor

Schedule TK-5
12+0 Update

Classes	Distribution Charge, including taxes (\$/ therm) a	less SUT tax 6.625% b	Margin Revenue, Distribution Charge excluding taxes, (\$/ therm) c = a - b	Class Sales for period October through May (therms) * d	Ratio of Class Sales to Total Sales for Period e= d / sum of d	Weighted Margin Revenue in Distribution Rate (\$/ therm) f = c * e
Base Rates						
RDS	\$0.4382	\$0.0272	\$0.4110	213,931,646	62.53%	\$0.2570
SGS	\$0.3807	\$0.0237	\$0.3570	18,706,736	5.47%	\$0.0195
GDS	\$0.2301	\$0.0143	\$0.2158	109,505,461	32.01%	\$0.0691
				<u>342,143,843</u>	100.01%	<u>\$0.3456</u>
IIP Rates						
RDS	\$0.0210	\$0.0013	\$0.0197	213,931,646	62.53%	\$0.0123
SGS	\$0.0231	\$0.0014	\$0.0217	18,706,736	5.47%	\$0.0012
GDS	\$0.0139	\$0.0009	\$0.0130	109,505,461	32.01%	\$0.0042
				<u>342,143,843</u>	100.01%	<u>\$0.0177</u>
Total						<u><u>\$0.3633</u></u>

* Therms per 2019 Rate Case

Schedule TK-6

Elizabethtown Gas Company
Infrastructure Investment Program ("IIP")
Earnings Test, per N.J.A.C. 14:3-2A.6(h) *

January-19		Through	December-19
<u>Regulated Jurisdictional Net Income Excess / (Deficiency):</u>			
Net Income (including IIP and WNC margin revenue, net of tax)			\$34,243,161
less: IIP and WNC margin revenue disallowance if any, both net of tax			<u>\$0</u>
1	Net Income		\$34,243,161
2	Less:		
	Non-firm Sales & Transportation margins, net of tax		\$91,919
	Off-system Sales & Capacity Release, net of tax		\$54,814
	Amort. of Pension/OPEB Regulatory Assets, net of tax ***		\$2,883,008
	Other income (expense), net of tax		<u>\$290,226</u>
			\$3,319,967
3	Regulated Jurisdictional Net Income (L1-L2) **		<u><u>\$30,923,194</u></u>
4	Common Equity Beginning, Ending and Average Balances		
	December-18 Beginning Equity		\$511,592,929
	December-19 Ending Equity		\$545,836,090
	Average Beginning & Ending Month Common Equity		<u><u>\$528,714,510</u></u>
5	ROE (L3/L4) *		<u><u>5.85%</u></u>
Rate of Return on Equity, 2019 Rate Case			9.60%
ROE Test: Rate of Return on Equity, 2019 Rate Case plus 50 Basis Points			<u>0.50%</u> <u>10.10%</u>

* IIP STIP N.J.A.C. 14:3-2A.6(h) An earnings test shall be required, where Return on Equity (ROE) shall be determined based on the actual net income of the utility for the most recent 12-month period divided by the average of the beginning and ending common equity balances for the corresponding period.

** Net Income is adjusted to exclude non-jurisdictional allocated income taxes and to exclude interest and related income tax amounts of non-jurisdictional acquisition adjustment amounts.

*** Represents the amortization of the Pension and Other Post-Employment Benefits regulatory assets consistent with the BPU Order Amounts Per BPU Order 6-30-17 GR16090826 and Stipulated to in 2019 Rate Case Per BPU Order 11-13-19 GR19040486. The amortization was not recorded in the books and records consistent with Generally Accepted Accounting Principles and therefore is included as an adjustment above to reflect the expense for regulatory reporting purposes.

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")
Actual / Projected In-Service Expenditures

Schedule TK-7
12+0 Update

	In-Service			In-Service			In-Service			In-Service
Periods:	Mains	Services	IIP Program	Monitor	ALD Study	In-Service Pre AFUDC	AFUDC Mains	AFUDC Services	AFUDC Total	Total with AFUDC
12 mos Ending										
Jun-20	\$43,281,407	\$19,553,712	\$62,835,119	\$35,000	\$157,000	\$63,027,119	\$175,790	\$107,122	\$282,912	\$63,310,031
Monthly Spending:										
Jun-19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Jul-19	\$175,471	\$0	\$175,471	\$0	\$0	\$175,471	\$113	\$0	\$113	\$175,584
Aug-19	\$118,186	\$196,470	\$314,656	\$0	\$0	\$314,656	\$924	\$283	\$1,207	\$315,863
Sep-19	\$1,463,536	\$443,760	\$1,907,296	\$0	\$0	\$1,907,296	\$11,321	\$2,756	\$14,077	\$1,921,373
Oct-19	\$1,703,984	\$1,056,435	\$2,760,419	\$0	\$0	\$2,760,419	\$9,634	\$2,619	\$12,253	\$2,772,672
Nov-19	\$226,094	\$410,419	\$636,513	\$0	\$0	\$636,513	\$0	\$0	\$0	\$636,513
Dec-19	\$3,599,231	\$2,753,485	\$6,352,716	\$0	\$0	\$6,352,716	\$35,266	\$17,303	\$52,569	\$6,405,285
Jan-20	\$657,915	\$163,223	\$821,138	\$0	\$0	\$821,138	\$0	\$0	\$0	\$821,138
Feb-20	\$2,497,193	\$2,581,356	\$5,078,549	\$0	\$0	\$5,078,549	\$24,190	\$16,781	\$40,971	\$5,119,520
Mar-20	\$220,273	\$11,771	\$232,044	\$0	\$0	\$232,044	\$0	\$0	\$0	\$232,044
Apr-20	\$13,915,216	\$2,301,203	\$16,216,419	\$0	\$0	\$16,216,419	\$35,443	\$9,943	\$45,386	\$16,261,805
May-20	\$8,563,890	\$6,540,610	\$15,104,500	\$0	\$0	\$15,104,500	\$21,559	\$52,508	\$74,067	\$15,178,567
Jun-20	\$10,140,418	\$3,094,980	\$13,235,398	\$35,000	\$157,000	\$13,427,398	\$37,340	\$4,929	\$42,269	\$13,469,667

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")
Annualized Depreciation

Schedule TK-8
12+0 Update

	In-Service Depreciation		Monitor		ALD Study		AFUDC Depreciation		
	Mains	Services	376	376	376	376	Mains	Services	Full Year
	376	380	376	376	376	376	376	380	Depreciation
2016 Percentages	<u>1.36%</u>	<u>1.88%</u>	<u>1.36%</u>	<u>1.36%</u>	<u>1.36%</u>	<u>1.36%</u>	<u>1.36%</u>	<u>1.88%</u>	<u>Depreciation</u>
Average 2016 & 2019	<u>1.49%</u>	<u>2.32%</u>	<u>1.49%</u>	<u>1.49%</u>	<u>1.49%</u>	<u>1.49%</u>	<u>1.49%</u>	<u>2.32%</u>	<u>Expense</u>
2019 RC 11-15-19	<u>1.60%</u>	<u>2.70%</u>	<u>1.60%</u>	<u>1.60%</u>	<u>1.60%</u>	<u>1.60%</u>	<u>1.60%</u>	<u>2.70%</u>	<u>W/ AFUDC</u>
End Date									
Jun-20	683,946	512,478	560	2,512	1,199,496	2,760	2,845	1,205,101	
Monthly Spending:									
May-19	0	0	0	0	0	0	0	0	0
Jun-19	0	0	0	0	0	0	0	0	0
Jul-19	2,386	0	0	0	2,386	2	0	2,388	
Aug-19	1,607	3,694	0	0	5,301	13	5	5,319	
Sep-19	19,904	8,343	0	0	28,247	154	52	28,453	
Oct-19	23,174	19,861	0	0	43,035	131	49	43,215	
Nov-19	3,369	9,522	0	0	12,891	0	0	12,891	
Dec-19	57,588	74,344	0	0	131,932	564	467	132,963	
Jan-20	10,527	4,407	0	0	14,934	0	0	14,934	
Feb-20	39,955	69,697	0	0	109,652	387	453	110,492	
Mar-20	3,524	318	0	0	3,842	0	0	3,842	
Apr-20	222,643	62,132	0	0	284,775	567	268	285,610	
May-20	137,022	176,596	0	0	313,618	345	1,418	315,381	
Jun-20	162,247	83,564	560	2,512	248,883	597	133	249,613	

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")
Weighted Average Cost of Capital ("WACC")

Rate Case 2019			FIT at	21%
	Capitalization			
	Ratios	Rate	Cost %	After Tax
				28.110%
Long Term Debt	48.50%	4.510%	2.187%	1.5722%
Short Term Debt	0.00%	0.000%	0.000%	0.0000%
Common Equity	51.50%	9.600%	4.944%	4.9440%
Total Capitalization	100.00%		7.131%	6.5162%
Settlement Adjustment				0.0003%
After Tax Black Box Settlement				6.5165%

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")
Revenue Expansion Factor

	Rate Case 11/15/2019
Revenue Increase	100.000%
	BPU + RC
BPU Assessments / BPU & RC	0.265%
RC Assessments	
Uncollectible Accounts Percentage	0.855%
Income before Corporate Business Tax	98.88000%
NJ Corporate Business Tax @ 9.00%	8.8992%
Income before Federal Income Taxes	89.9808%
Federal Income Taxes @ 21%	18.896%
Return	71.0848%
Revenue Factor (100% / Return %)	1.406771
Rounding to Settlement Factor	(0.000009)
Settlement Revenue Factor	1.406762

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(continued)

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Date of Issue: xxx1

Effective: Service Rendered
on and after xxx2

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

Filed Pursuant to Order of the Board of Public Utilities
Dated xxx3 in Docket No. xxx4

ELIZABETHTOWN GAS COMPANY
B. P. U. NO. 17 – GAS

ORIGINAL SHEET NO. 125.1

RIDER "F"

INFRASTRUCTURE INVESTMENT PROGRAM ("IIP")

Applicable to all RDS, SGS, GDS, NGV, LVD, EGF and GLS classes and Firm Special Contract customers receiving service through the Company's distribution system. The IIP rate shall be collected on a per therm basis and shall remain in effect until changed by order of the NJBPU.

		Per Therm
RDS	Residential	\$0.0210
SGS	Small General Service	\$0.0231
GDS	General Delivery Service	\$0.0139
GDS	Seasonal SP#1 May-Oct	\$0.0076
NGV	Natural Gas Vehicles	\$0.0374
LVD	Large Volume Demand	\$0.0066
EGF	Electric Generation	\$0.0044
GLS	Gas Lights	\$0.0194
Firm Special Contracts		\$0.0011

The charges applicable under this Rider include provision for the New Jersey Sales and Use Tax, and when billed to customers exempt from this tax shall be reduced by the amount of such tax included therein.

The IIP is a five-year program to modernize and enhance the reliability and safety of the Company's gas distribution system by replacing its vintage, at-risk facilities which include aging cast iron mains, unprotected and bare steel mains and services, ductile iron and vintage plastic mains and vintage plastic and copper services. As part of the IIP, Elizabethtown is upgrading its legacy low pressure system to an elevated pressure system, and installing excess flow valves and retiring district regulators that are presently required to operate the existing low pressure system. The costs recovered through the IIP Rider rate include the Company's after-tax weighted average cost of capital as adjusted upward for the revenue expansion factor, depreciation expense and applicable taxes.

Date of Issue: xxx1

Effective: Service Rendered
on and after xxx2

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

Filed Pursuant to Order of the Board of Public Utilities
Dated xxx3 in Docket No. xxx4

RIDER "B"

WEATHER NORMALIZATION CLAUSE ("WNC") (continued)METHOD OF DETERMINING WEATHER NORMALIZATION CHARGE: (continued)I. Definition of Terms as Used Herein (continued)

6. Degree Day Consumption Factor ("DDCF") - the variable component (use per degree day) of the gas sendout for each month of the winter period normalized for weather and adjusted for lost and unaccounted for gas. The DDCF shall be updated annually in the Company's WNC reconciliation filing annualizing to reflect the change in number of customers that has occurred since the base rate proceeding that established the initial degree day consumption factor in base rate cases. The base number of customers used to establish the normalized use in therms per Customer and the calculated DDCF approved in the Company's most recent base rate case are as follows:

<u>Month</u>	<u>Base Number of Customers</u>	<u>Therms per Degree Day</u>
October	293,159	51,818
November	293,834	62,593
December	294,633	69,064
January	295,059	68,081
February	295,322	67,808
March	295,477	63,693
April	295,126	52,489
May	294,483	54,279

7. Margin Revenue Factor - the weighted average of the Distribution Charges as quoted in the individual service classes to which this clause applies net of applicable taxes and other similar charges and any other revenue charge not retained by the Company that these rates may contain in the future. The weighted average shall be determined by multiplying the margin revenue component of the Distribution Charges from each service class to which this clause applies by each class's percentage of total consumption of all the classes to which this clause applies for the winter period and summing this result for all the classes to which this clause applies. The Margin Revenue Factor shall be redetermined each time base rates are adjusted. The current Margin Revenue Factor is \$0.3633 per therm.

Date of Issue: xxx1

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

Filed Pursuant to Order of the Board of Public Utilities
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ELIZABETHTOWN GAS COMPANY
B. P. U. NO. 17 – GAS

~~ORIGINAL~~ ^{1ST} ~~REVISED~~ SHEET NO. 6

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<u>Rider “F” - Infrastructure Investment Program (“IIP”)</u>	<u>125.1</u>
Rate Summaries	126

Date of Issue: ~~November 14, 2019~~ ^{xxx1}

Effective: Service Rendered
on and after ~~November 15,~~
~~2019~~ ^{xxx2}

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

Filed Pursuant to Order of the Board of Public Utilities
Dated ~~November 13, 2019~~ ^{xxx3} in Docket No. ~~GR19040486~~ ^{xxx4}

ELIZABETHTOWN GAS COMPANY
B. P. U. NO. 17 – GAS

ORIGINAL SHEET NO. 125.1

RIDER "F"

INFRASTRUCTURE INVESTMENT PROGRAM ("IIP")

Applicable to all RDS, SGS, GDS, NGV, LVD, EGF and GLS classes and Firm Special Contract customers receiving service through the Company's distribution system. The IIP rate shall be collected on a per therm basis and shall remain in effect until changed by order of the NJBPU.

	<u>Per Therm</u>
<u>RDS Residential</u>	<u>\$0.0210</u>
<u>SGS Small General Service</u>	<u>\$0.0231</u>
<u>GDS General Delivery Service</u>	<u>\$0.0139</u>
<u>GDS Seasonal SP#1 May-Oct</u>	<u>\$0.0076</u>
<u>NGV Natural Gas Vehicles</u>	<u>\$0.0374</u>
<u>LVD Large Volume Demand</u>	<u>\$0.0066</u>
<u>EGF Electric Generation</u>	<u>\$0.0044</u>
<u>GLS Gas Lights</u>	<u>\$0.0194</u>
 <u>Firm Special Contracts</u>	 <u>\$0.0011</u>

The charges applicable under this Rider include provision for the New Jersey Sales and Use Tax, and when billed to customers exempt from this tax shall be reduced by the amount of such tax included therein.

The IIP is a five-year program to modernize and enhance the reliability and safety of the Company's gas distribution system by replacing its vintage, at-risk facilities which include aging cast iron mains, unprotected and bare steel mains and services, ductile iron and vintage plastic mains and vintage plastic and copper services. As part of the IIP, Elizabethtown is upgrading its legacy low pressure system to an elevated pressure system, and installing excess flow valves and retiring district regulators that are presently required to operate the existing low pressure system. The costs recovered through the IIP Rider rate include the Company's after-tax weighted average cost of capital as adjusted upward for the revenue expansion factor, depreciation expense and applicable taxes.

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520 Green Lane
Union, New Jersey 07083

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RIDER "B"

WEATHER NORMALIZATION CLAUSE ("WNC") (continued)METHOD OF DETERMINING WEATHER NORMALIZATION CHARGE: (continued)I. Definition of Terms as Used Herein (continued)

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7. Margin Revenue Factor - the weighted average of the Distribution Charges as quoted in the individual service classes to which this clause applies net of applicable taxes and other similar charges and any other revenue charge not retained by the Company that these rates may contain in the future. The weighted average shall be determined by multiplying the margin revenue component of the Distribution Charges from each service class to which this clause applies by each class's percentage of total consumption of all the classes to which this clause applies for the winter period and summing this result for all the classes to which this clause applies. The Margin Revenue Factor shall be redetermined each time base rates are adjusted. The current Margin Revenue Factor is \$0.~~3456~~3633 per therm.

Date of Issue: ~~November 14, 2019~~xxx1Effective: Service Rendered
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~~2019~~xxx2Issued by: Christie McMullen, President
520 Green Lane
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Dated ~~November 13, 2019~~xxx3 in Docket No. ~~GR19040486~~xxx4

IIP
12 & 0 UPDATE

**Schedules
of
MICHAEL P. SCACIFERO**

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")
Total Baseline Capital 12 Month Ending

Schedule MPS-1
12+0 Update

<u>Major Categories</u>	1/1/2018 thru 12/31/2018	1/1/2019 thru 12/31/2019 ²	7/1/2019 thru 6/30/2020 ³
IIP Baseline Spend in excess of \$6M per IIP Year ¹			\$ 438,829
New Business Investment IIP Cap	\$ 23,717,201	\$ 28,673,474	\$ 10,000,000
Facilities (no breakout)	\$ 536,028	\$ 1,391,667	\$ 1,293,618
Fleet (no breakout)	\$ 705,156	\$ 1,255,519	\$ 2,662,783
Measurement Operations (SCADA, Measurement, Controls)	\$ 1,235,366	\$ 1,913,140	\$ 1,963,656
Peaking Ops	\$ 1,537,835	\$ 658,509	\$ 3,452,580
IT (Base Business)	\$ 20,522,841	\$ 50,230,670	\$ 53,550,866
Mandatory (no breakout)	\$ 1,778,883	\$ 2,610,915	\$ 2,734,060
Strategic (CNG Stations) - Not itemized	\$ -	\$ -	\$ -
Strategic (Other)	\$ 390	\$ -	\$ -
Distribution Integrity Mgmt Pgm (DIMP)	\$ 57,448,661	\$ 63,890,056	\$ 27,009,444
Transmission Integrity Mgmt Pgm (TIMP) (General)	\$ 1,035,683	\$ 1,610,373	\$ 2,035,157
Renewals (incl. Relo, Marta, excl. DIMP & TRIMP)	\$ 25,162,424	\$ -	
DOT	\$ 263,039	\$ 728,836	\$ 935,161
Periodic Testing (PT) Meter	\$ 2,906,463	\$ 2,670,509	\$ 2,079,362
Pressure Improvement (PRIM)	\$ 1,217,980	\$ 1,866,927	\$ 2,573,450
Corrosion Work	\$ 1,174,973	\$ 183,492	\$ 451,500
Industrial Meters		\$ (84,419)	\$ 82,471
Operations (Field) - Blk svcs, bollards, ert repl, etc.	\$ 497,778	\$ 819,096	\$ 798,054
Regulator Station (incl Vaults, Tin Whistles)	\$ 178,897	\$ 294,965	\$ 237,536
Relocation		\$ -	\$ -
Tools, incl blanket tools (NB, Field & Con Ops)	\$ 462,432	\$ 75,021	\$ 53,766
Rate Base Accruals	\$ (312,365)	\$ (81,009)	\$ (86,945)
RBI Overheads & AFUDC	\$ 9,196,829	\$ 9,442,510	\$ 6,030,592
Infrastructure Investment Program - Base Spend (AFUDC)		\$ 16,154	\$ 37,303
Total	\$ 149,266,494	\$ 168,166,405	\$ 118,333,243

1 IIP Baseline Spend in excess of \$6M per IIP Year.

2 The 2019 amounts by category have been re-categorized from that submitted April 30th as well as a revision to the total.

3 New Business Capital for program year totaled \$30,280,746, IIP Total Capital Baseline Spend not to exceed \$10M.

IIP Baseline Spend

<u>Major Categories</u>		1/1/2019 thru 12/31/2019	7/1/2019 thru 6/30/2020
Infrastructure Investment Program - Base Spend (No AFUDC)		\$ 2,752,843	\$ 6,438,829
IIP Baseline Spend in excess of \$6M per IIP Year.		\$ -	\$ 438,829
IIP Baseline Spend Requirement		\$ 6,000,000	\$ 6,000,000

**ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program (“IIP”)
IIP Capital for Years Ending June 30**

Program Year 1

	Budget		
	Mains	Services	Total
Program Year 1	\$ 37,200,000	\$ 22,800,000	\$ 60,000,000
Program Year 2	\$ 37,200,000	\$ 22,800,000	\$ 60,000,000
Program Year 3	\$ 37,200,000	\$ 22,800,000	\$ 60,000,000
Program Year 4	\$ 37,200,000	\$ 22,800,000	\$ 60,000,000
Program Year 5	\$ 37,200,000	\$ 22,800,000	\$ 60,000,000
Post Program Year 5			\$ -
	\$ 186,000,000	\$ 114,000,000	\$ 300,000,000

	CWIP Actual as of June 30, 2020		
	Mains	Services	Sub-Total
Program Year 1	\$ 49,249,077	\$ 20,103,701	\$ 69,352,778
Program Year 2			
Program Year 3			
Program Year 4			
Program Year 5			
Post Program Year 5			
	\$ 49,249,077	\$ 20,103,701	\$ 69,352,778

	In-Service Actual as of June 30, 2020		
	Mains	Services	Sub-Total
Program Year 1	\$ 43,281,407	\$ 19,553,712	\$ 62,835,119
Program Year 2			
Program Year 3			
Program Year 4			
Program Year 5			
Post Program Year 5			
	\$ 43,281,407	\$ 19,553,712	\$ 62,835,119
	In-Service Miles of Main		70.09
	In-Service Number of Service		5394
	In-Service Number of EFVs		5381

Note: Amounts exclude the costs for a program monitor, methane leak study and AFUDC.
Cost for 12 months ending June 30, 2025 represents spending to the extent it reflects residual spending associated with restoration work occurring after June 30, 2024.

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")

Schedule MPS-3
Consisting of 2 Pages
12+0 Update

Construction Work In Progress ("CWIP")
IIP Programs and Projects
as of June 30, 2020

Reference Number	Geographic Program Area Information					Project Budgets wo/ AFUDC			Project Actuals to Date wo/AFUDC			Miles of Main	Number of Services	Number of EFVs	Est. or Actual Completion Date
	AFE	IIP Geographic Program Area	Status	Status		Mains	Services	Total	Mains	Services	Total				
				Mains % Complete	Services % Complete										
1	168913	Chilton St., Cherry St., and Westfield Ave - Phase 3	Complete	100%	100%	\$ 974,092	\$ 441,105	\$ 1,415,197	\$ 1,176,324	\$ 802,954	\$ 1,979,278	1.01	126	126	9/23/19
2	169229	North Ave (Riverside Dr to Newark Ave)	Pre-Construction	0%	0%	\$ 65,968	\$ 40,432	\$ 106,400	\$ 167,541	\$ -	\$ 167,541	0.00	0	0	11/12/20
3	169283	Salem Ave (Conant St to Ridgeway Ave)	Complete	100%	100%	\$ 1,737,104	\$ 1,301,789	\$ 3,038,893	\$ 1,944,285	\$ 1,257,987	\$ 3,202,272	1.92	362	362	11/6/19
4	169317	Sweetland Ave and Eastern Pky	Construction	100%	94%	\$ 1,371,574	\$ 1,063,744	\$ 2,435,318	\$ 855,440	\$ 1,246,731	\$ 2,102,171	2.24	418	418	7/7/20
5	169333	W Milton Ave and Bryant Ave, Ph 2	Construction	100%	0%	\$ 711,294	\$ 418,105	\$ 1,129,399	\$ 442,868	\$ -	\$ 442,868	0.97	0	0	11/24/20
6	169604	S Union Ave	Restoration	100%	100%	\$ 197,992	\$ 187,221	\$ 385,213	\$ 387,811	\$ 392,196	\$ 780,007	0.42	72	72	6/1/20
7	169803	Hory St and Ludlow St	Design	0%	0%	\$ -	\$ -	\$ -	\$ 7,794	\$ -	\$ 7,794	0.00	0	0	2/4/22
8	171369	Orange Ave and S 21st St	Complete	100%	100%	\$ 1,550,413	\$ 872,985	\$ 2,423,398	\$ 1,519,752	\$ 1,016,156	\$ 2,535,908	2.53	363	363	2/19/20
9	172043	Westfield Ave (Grove St to Highland Ave)	Restoration	100%	100%	\$ 674,554	\$ 175,293	\$ 849,847	\$ 543,024	\$ 352,182	\$ 895,206	0.74	47	47	10/22/19
10	172420	N Main St (NJ 29)	Pre-Construction	0%	0%	\$ 185,483	\$ 54,748	\$ 240,231	\$ 84,318	\$ -	\$ 84,318	0.00	0	0	8/24/20
11	172642	Center St EP DI Replacement	Pre-Construction	0%	0%	\$ 43,400	\$ 26,600	\$ 70,000	\$ 51,714	\$ 3,538	\$ 55,252	0.00	0	0	8/17/20
12	173001	South Ave (NJ 28) and Hetfield Ave	Complete	100%	100%	\$ 1,938,470	\$ 794,763	\$ 2,733,233	\$ 2,742,445	\$ 1,130,561	\$ 3,873,006	2.60	282	281	12/4/19
13	173438	Salem Rd, Ph. 3	Complete	100%	100%	\$ 978,120	\$ 821,588	\$ 1,799,708	\$ 960,774	\$ 578,209	\$ 1,538,983	1.70	203	203	10/9/19
14	173491	High St and Rector St	Construction	97%	0%	\$ 89,900	\$ 55,100	\$ 145,000	\$ 515,365	\$ 1,709	\$ 517,074	1.39	0	0	11/5/20
15	173738	Brooksides Pl and 4th Ave	Complete	100%	100%	\$ 565,554	\$ 274,514	\$ 840,068	\$ 887,113	\$ 267,824	\$ 1,154,937	1.02	111	111	6/1/20
16	173843	Birchwood Ave EP DI Replacement	Complete	100%	100%	\$ 97,524	\$ 33,976	\$ 131,500	\$ 176,761	\$ 833	\$ 177,594	0.31	1	1	7/15/19
17	173886	Stiles St	Complete	100%	100%	\$ 123,386	\$ 131,585	\$ 254,971	\$ 357,490	\$ 251,869	\$ 609,359	0.05	47	47	11/25/19
18	173993	Park Ave and Coolidge Rd	Construction	98%	0%	\$ 444,024	\$ 294,870	\$ 738,894	\$ 427,864	\$ 963	\$ 428,827	0.65	0	0	11/3/20
19	174000	2nd Ave and 3rd Ave	Construction	100%	92%	\$ 988,241	\$ 656,338	\$ 1,644,579	\$ 685,185	\$ 620,589	\$ 1,305,774	1.70	217	216	8/13/20
20	174185	W Munsell Ave and W Stimpson Ave	Complete	100%	100%	\$ 953,278	\$ 639,667	\$ 1,592,945	\$ 1,106,623	\$ 735,750	\$ 1,842,373	1.23	203	201	2/25/20
21	174280	Browning Ave and Edgewood Rd	Pre-Construction	0%	0%	\$ 58,900	\$ 36,100	\$ 95,000	\$ 29,813	\$ -	\$ 29,813	0.00	0	0	2/23/21
22	174471	Birch Hill Rd and Knollwood Rd	Construction	100%	26%	\$ 1,896,449	\$ 484,845	\$ 2,381,294	\$ 804,524	\$ 257,426	\$ 1,061,950	2.22	49	49	9/4/20
23	174533	Colfax Ave and Maplewood Ave	Pre-Construction	0%	0%	\$ 108,500	\$ 66,500	\$ 175,000	\$ 144,500	\$ -	\$ 144,500	0.00	0	0	3/1/21
24	174624	4th St and 5th St	Complete	100%	100%	\$ 1,726,688	\$ 1,249,783	\$ 2,976,471	\$ 2,239,446	\$ 1,476,262	\$ 3,715,708	1.79	329	328	2/20/20
25	174716	Salem Rd, Ph. 4	Complete	100%	100%	\$ 391,746	\$ 349,037	\$ 740,783	\$ 569,056	\$ 239,862	\$ 808,918	0.71	94	94	6/29/20
26	174755	Bender Ave and Sheridan Ave	Construction	100%	99%	\$ 1,081,490	\$ 910,494	\$ 1,991,984	\$ 783,339	\$ 968,606	\$ 1,751,945	1.35	299	298	7/9/20
27	174901	South Wood Ave (Tremley Point Rd) EP DI Replacement	Restoration	100%	100%	\$ 275,213	\$ 54,031	\$ 329,244	\$ 258,185	\$ 1,843	\$ 260,028	0.14	1	1	6/29/20
28	175254	Columbus Ave	Construction	100%	25%	\$ 805,163	\$ 455,638	\$ 1,260,801	\$ 572,946	\$ 144,551	\$ 717,497	1.15	40	40	9/3/20
29	175326	Sheridan Ave and E 7th Ave	Construction	100%	99%	\$ 1,055,924	\$ 531,435	\$ 1,587,359	\$ 790,782	\$ 603,920	\$ 1,394,702	1.29	167	167	7/2/20
30	175350	Main St	Complete	100%	100%	\$ 757,702	\$ 441,039	\$ 1,198,741	\$ 1,213,305	\$ 633,204	\$ 1,846,509	1.13	155	155	5/7/20
31	175428	W Curtis St and Miltonia St	Restoration	100%	100%	\$ 1,017,220	\$ 561,560	\$ 1,578,780	\$ 675,132	\$ 499,764	\$ 1,174,896	1.55	174	174	6/10/20
32	175675	Grand Street	Complete	100%	100%	\$ 213,669	\$ 215,849	\$ 429,518	\$ 227,623	\$ 130,594	\$ 358,217	0.43	48	48	7/24/19
33	175728	Walnut St and E 7th Ave	Construction	100%	93%	\$ 1,030,095	\$ 588,660	\$ 1,618,755	\$ 697,161	\$ 812,615	\$ 1,509,776	1.30	178	178	9/16/20
34	175940	Wilbur Ave	Construction	100%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 428,655	\$ -	\$ 428,655	0.79	0	0	11/5/20
35	175987	W Curtis St and W Gibbons St	Construction	100%	43%	\$ 75,774	\$ 46,442	\$ 122,216	\$ 306,234	\$ 146,279	\$ 452,513	0.70	40	40	7/13/20
36	176009	Burkley Pl	Construction	95%	58%	\$ 488,287	\$ 347,506	\$ 835,793	\$ 522,489	\$ 211,809	\$ 734,298	0.95	76	76	8/21/20
37	176015	Cook Ave and Mountain Ave	Construction	100%	84%	\$ 897,330	\$ 718,899	\$ 1,616,229	\$ 646,519	\$ 641,641	\$ 1,288,160	1.59	234	234	8/25/20
38	176044	Elmwood Ave	Complete	100%	100%	\$ 802,194	\$ 292,046	\$ 1,094,240	\$ 841,267	\$ 334,175	\$ 1,175,442	0.72	69	69	4/16/20
39	176053	N. Union St and Elm St	Pre-Construction	0%	0%	\$ 74,400	\$ 45,600	\$ 120,000	\$ 66,539	\$ -	\$ 66,539	0.00	0	0	1/13/21
40	176067	Mountain Ave and Parkway	Restoration	100%	100%	\$ 229,150	\$ 68,467	\$ 297,617	\$ 201,112	\$ 44,869	\$ 245,981	0.13	17	17	10/16/19
41	176075	Lawrence Ave and Roanoke Rd	Construction	100%	0%	\$ 1,139,508	\$ 321,115	\$ 1,460,623	\$ 608,954	\$ 48,597	\$ 657,551	1.23	0	0	2/8/21
42	176079	Fairway Dr	Construction	100%	71%	\$ 1,184,393	\$ 620,554	\$ 1,804,947	\$ 1,294,708	\$ 517,143	\$ 1,811,851	1.95	143	143	8/19/20
43	176115	Vauxhall Rd and Gustov Ave	Construction	98%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 481,834	\$ -	\$ 481,834	0.86	0	0	9/28/20
44	176344	Spring St (US Route 1) (E Jersey St to North Ave) Phase II	Complete	100%	100%	\$ 776,494	\$ 373,232	\$ 1,149,726	\$ 1,168,054	\$ 255,876	\$ 1,423,930	0.88	47	47	5/4/20
45	176394	Vauxhall Rd and Brookfall Ave	Construction	100%	0%	\$ 298,271	\$ 353,870	\$ 652,141	\$ 651,474	\$ -	\$ 651,474	0.94	0	0	8/19/20
46	176447	Vauxhall Rd (Highland Ave to Faltoute Ave)	Construction	100%	9%	\$ 556,526	\$ 326,228	\$ 882,754	\$ 504,709	\$ 22,158	\$ 526,867	0.95	10	10	9/18/20
47	176479	Savitt Pl and Brighton St	Construction	100%	43%	\$ 824,303	\$ 458,484	\$ 1,282,787	\$ 980,659	\$ 233,101	\$ 1,213,760	1.31	63	63	8/6/20
48	176824	Highland Ave and Birch Ave	Construction	100%	94%	\$ 1,803,339	\$ 606,891	\$ 2,410,230	\$ 986,140	\$ 453,114	\$ 1,439,254	1.83	138	137	7/17/20
49	176826	Lake Avenue	Complete	100%	100%	\$ 69,035	\$ 42,266	\$ 111,301	\$ 82,088	\$ 39,354	\$ 121,442	0.17	9	9	8/27/19
50	176840	Route 22 Eastbound	Construction	100%	75%	\$ 44,086	\$ 27,020	\$ 71,106	\$ 185,986	\$ 44,650	\$ 230,636	0.28	6	6	7/8/20
51	177009	Hillside Ave and Mountainview Dr	Construction	100%	0%	\$ 716,812	\$ 265,485	\$ 982,297	\$ 329,496	\$ 1,750	\$ 331,246	1.21	0	0	10/28/20
52	177266	Cross Ave and Alina St	Construction	100%	28%	\$ 848,307	\$ 1,121,193	\$ 1,969,500	\$ 868,448	\$ 467,318	\$ 1,335,766	1.33	93	93	10/1/20
53	177350	E. Price St and Maple Ave	Construction	100%	0%	\$ 71,300	\$ 43,700	\$ 115,000	\$ 536,403	\$ -	\$ 536,403	0.97	0	0	9/14/20
54	177352	Congress St Phase II	Complete	100%	100%	\$ 1,108,730	\$ 422,869	\$ 1,531,599	\$ 1,106,477	\$ 477,038	\$ 1,583,515	1.54	187	187	11/6/19
55	177548	Durham Ave and Central Ave	Restoration	100%	100%	\$ 129,166	\$ 72,282	\$ 201,448	\$ 315,097	\$ 54,719	\$ 369,816	0.21	21	20	6/12/20
56	500016	New York Place	On Hold	0%	0%	\$ 3,125	\$ 1,915	\$ 5,040	\$ 6,024	\$ -	\$ 6,024	0.00	0	0	On Hold
57	500022	W. Baltimore Ave and Lincoln St	Construction	100%	68%	\$ 1,113,767	\$ 657,159	\$ 1,770,926	\$ 742,745	\$ 630,431	\$ 1,373,176	1.65	158	155	7/16/20
58	500025	Monmouth Rd and Princeton Rd	Pre-Construction	0%	0%	\$ 93,000	\$ 57,000	\$ 150,000	\$ 73,226	\$ -	\$ 73,226	0.00	0	0	8/25/21
59	500031	Aldene Rd and W. 3rd Ave	Construction	100%	0%	\$ 1,157,597	\$ 697,069	\$ 1,854,666	\$ 680,900	\$ 118,106	\$ 799,006	1.87	0	0	12/10/20
60	500034	Robin Rd EP DI Replacement	Construction	99%	0%	\$ 8,167	\$ 5,005	\$ 13,172	\$ 33,599	\$ -	\$ 33,599	0.13	0	0	8/21/20
61	500037	Central Ave and Maple Ave	Pre-Construction	0%	0%	\$ 145,824	\$ 89,376	\$ 235,200	\$ 84,251	\$ -	\$ 84,251	0.00	0	0	1/13/21
62	500040	Irvington Ave and Riverside Dr	Construction	100%	0%	\$ 1,189,497	\$ 690,340	\$ 1,879,837	\$ 951,396	\$ 8,379	\$ 959,775	2.18	0	0	1/4/21
63	500043	Rose St and N. 4th St	Pre-Construction	0%	0%	\$ 65,968	\$ 40,432	\$ 106,400	\$ 79,932	\$ -	\$ 79,932	0.00	0	0	1/12/21
64	500052	Progress St EP DI Replacement	Design	0%	0%	\$ 34,720	\$ 21,280	\$ 56,000	\$ 15,234	\$					

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program ("IIP")

Schedule MPS-3
Consisting of 2 Pages
12+0 Update

Construction Work In Progress ("CWIP")
IIP Programs and Projects
as of June 30, 2020

Reference Number	Geographic Program Area Information					Project Budgets wo/ AFUDC			Project Actuals to Date wo/AFUDC			Miles of Main	Number of Services	Number of EFVs	Est. or Actual Completion
	APC	IB-Costs/Non-Program Area	Status			Main	Contingency	Total	Main	Contingency	Total				
67	500068	Downer St and Palsted Ave	Construction	100%	12%	\$ 93,000	\$ 57,000	\$ 150,000	\$ 397,858	\$ 61,354	\$ 459,212	1.28	29	29	9/9/20
68	500071	W. Chestnut Street	Construction	100%	81%	\$ 423,638	\$ 246,394	\$ 670,032	\$ 780,677	\$ 265,023	\$ 1,045,700	0.73	57	56	7/7/20
69	500074	W. Grand Street	Construction	99%	0%	\$ 42,167	\$ 25,845	\$ 68,012	\$ 542,577	\$ 1,943	\$ 544,520	0.60	0	0	11/4/20
70	500077	Halsted Rd and Hillside Rd	Pre-Construction	0%	0%	\$ 188,841	\$ 115,742	\$ 304,583	\$ 41,901	\$ -	\$ 41,901	0.00	0	0	12/18/20
71	500080	Gordon St and Market St	Pre-Construction	0%	0%	\$ 93,000	\$ 57,000	\$ 150,000	\$ 133,645	\$ -	\$ 133,645	0.00	0	0	3/29/21
72	500083	Main St	Complete	100%	100%	\$ 41,367	\$ 21,855	\$ 63,222	\$ 28,487	\$ 10,062	\$ 38,549	0.05	3	3	10/15/19
73	500086	Walnut St and Wheatshaf Rd	Construction	100%	0%	\$ 417,255	\$ 320,937	\$ 738,192	\$ 398,115	\$ -	\$ 398,115	0.75	0	0	8/13/20
74	500096	Pierce St and New Brunswick Ave	Construction	100%	0%	\$ 576,132	\$ 309,809	\$ 885,941	\$ 330,469	\$ 32,200	\$ 362,669	0.77	0	0	8/24/20
75	500099	Montgomery St and E. Scott Ave	Construction	100%	0%	\$ 409,607	\$ 157,648	\$ 567,255	\$ 163,814	\$ 29,484	\$ 193,298	0.40	0	0	9/22/20
76	500102	Center St and Hazel Ave	Construction	100%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 391,512	\$ 16,275	\$ 407,787	1.36	0	0	10/5/20
77	500105	Richfield Ave and Summit Ave	Construction	100%	0%	\$ 749,766	\$ 319,089	\$ 1,068,855	\$ 276,249	\$ -	\$ 276,249	0.59	0	0	12/21/20
78	500108	Arthur Terr and Kingston Ave	Construction	100%	0%	\$ 43,400	\$ 26,600	\$ 70,000	\$ 408,456	\$ -	\$ 408,456	0.85	0	0	12/10/20
79	500111	Harrison Ave and Mercer Ave	Construction	100%	44%	\$ 949,290	\$ 594,079	\$ 1,543,369	\$ 588,052	\$ 366,588	\$ 954,640	1.12	87	86	8/17/20
80	500114	Pine St and Ripley Ave	Construction	100%	0%	\$ 1,333,867	\$ 711,304	\$ 2,045,171	\$ 479,080	\$ -	\$ 479,080	1.59	0	0	11/25/20
81	500117	McCandless St and Bower St	Construction	100%	0%	\$ 52,700	\$ 32,300	\$ 85,000	\$ 526,566	\$ -	\$ 526,566	1.30	0	0	10/29/20
82	500120	Clinton St	Pre-Construction	0%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 73,055	\$ -	\$ 73,055	0.00	0	0	11/19/20
83	500123	Rahway Ave	Construction	100%	0%	\$ 31,000	\$ 19,000	\$ 50,000	\$ 566,257	\$ -	\$ 566,257	0.72	0	0	10/7/20
84	500128	Middlesex Ave (NJ 27) and Main St	Pre-Construction	0%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 231,247	\$ -	\$ 231,247	0.00	0	0	6/2/21
85	500131	Gless Ave and High St	Pre-Construction	0%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 66,238	\$ -	\$ 66,238	0.00	0	0	5/3/21
86	500134	Oakland Terr and Stanley Terr	Construction	100%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 380,710	\$ -	\$ 380,710	0.95	0	0	12/1/20
87	500137	Hawthorne Ave and Leslie St	Construction	100%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 263,126	\$ -	\$ 263,126	0.93	0	0	10/26/20
88	500142	Gelb Ave EP DI Replacement	Pre-Construction	0%	0%	\$ 9,300	\$ 5,700	\$ 15,000	\$ 7,215	\$ 1,525	\$ 8,740	0.00	0	0	10/5/20
89	500145	Westfield Ave EP DI Replacement	Design	0%	0%	\$ 21,700	\$ 13,300	\$ 35,000	\$ 1,759	\$ -	\$ 1,759	0.00	0	0	11/6/20
90	500149	Vauxhall Rd (Private Rd) EP DI Replacement	Design	0%	0%	\$ 15,500	\$ 9,500	\$ 25,000	\$ 15,597	\$ -	\$ 15,597	0.00	0	0	1/5/21
91	500152	Commerce Dr EP DI Replacement	Pre-Construction	0%	0%	\$ 15,500	\$ 9,500	\$ 25,000	\$ 12,835	\$ -	\$ 12,835	0.00	0	0	11/24/20
92	500155	Hamilton St and Seminary Ave	Construction	46%	0%	\$ 55,800	\$ 34,200	\$ 90,000	\$ 391,040	\$ -	\$ 391,040	0.48	0	0	1/4/21
93	500158	Lincoln Ave E and Walnut Ave	Pre-Construction	0%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 42,512	\$ -	\$ 42,512	0.00	0	0	1/8/21
94	500169	Grove Ave	Construction	66%	5%	\$ 356,573	\$ 95,135	\$ 451,708	\$ 370,108	\$ 11,370	\$ 381,478	0.25	1	0	8/20/20
95	500178	Knopf St and Laurita St	Pre-Construction	0%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 77,364	\$ -	\$ 77,364	0.00	0	0	11/3/20
96	500181	Bonna Villa Ave and Victory St	Pre-Construction	0%	0%	\$ 31,000	\$ 19,000	\$ 50,000	\$ 58,100	\$ -	\$ 58,100	0.00	0	0	9/16/20
97	500175	Colfax Ave and W. Lincoln Ave	Pre-Construction	0%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 80,823	\$ -	\$ 80,823	0.00	0	0	10/19/20
98	500239	Dowd Ave and York St	Construction	96%	0%	\$ 422,044	\$ 85,003	\$ 507,047	\$ 341,300	\$ 2,269	\$ 343,569	0.43	0	0	7/21/20
99	500242	Florida St and Geneva St	Design	0%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 20,427	\$ -	\$ 20,427	0.00	0	0	3/9/21
100	500245	Myrtle Ave and Oak St	Pre-Construction	0%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 35,143	\$ -	\$ 35,143	0.00	0	0	1/7/21
101	500261	Colonial Arms Rd and Nixon Rd	Pre-Construction	0%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 59,384	\$ -	\$ 59,384	0.00	0	0	9/14/20
102	500267	Essex Ave and Spring St	Pre-Construction	0%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 42,165	\$ -	\$ 42,165	0.00	0	0	3/17/22
103	500258	Globe Ave and Winfield Terr	Pre-Construction	0%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 79,677	\$ -	\$ 79,677	0.00	0	0	1/28/21
104	500255	Kimball Ave and Canterbury Rd	Pre-Construction	0%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 36,333	\$ -	\$ 36,333	0.00	0	0	7/1/21
105	500252	Oak Ave and Sherwood Pkwy	Pre-Construction	0%	0%	\$ 31,000	\$ 19,000	\$ 50,000	\$ 27,444	\$ -	\$ 27,444	0.00	0	0	4/23/21
106	500264	Rose St and Newman St	Pre-Construction	0%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 31,988	\$ -	\$ 31,988	0.00	0	0	3/15/22
107	500308	E. 2nd Ave and Linden Rd	Design	0%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 2,031	\$ -	\$ 2,031	0.00	0	0	6/22/21
108	500299	Jaques Ave and Minna St	Pre-Construction	0%	0%	\$ 31,000	\$ 19,000	\$ 50,000	\$ 4,573	\$ -	\$ 4,573	0.00	0	0	11/10/20
109	500293	Jefferson Ave and Walnut St	Design	0%	0%	\$ 43,400	\$ 26,600	\$ 70,000	\$ 6,324	\$ -	\$ 6,324	0.00	0	0	5/27/21
110	500305	Locust St and 4th Ave	Design	0%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 10,912	\$ -	\$ 10,912	0.00	0	0	3/18/21
111	500287	Smith St and New Brunswick Ave	Design	0%	0%	\$ 31,000	\$ 19,000	\$ 50,000	\$ 11,730	\$ -	\$ 11,730	0.00	0	0	6/10/21
112	500290	Thompson Ave and Sheridan Ave	Design	0%	0%	\$ 31,000	\$ 19,000	\$ 50,000	\$ 6,836	\$ -	\$ 6,836	0.00	0	0	3/31/21
113	500302	Westfield Ave and Washington St	Design	0%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 5,334	\$ -	\$ 5,334	0.00	0	0	3/25/21
114	500323	McCandless St	Pre-Construction	0%	0%	\$ 18,600	\$ 11,400	\$ 30,000	\$ 12,225	\$ -	\$ 12,225	0.00	0	0	11/12/20
115	500296	Bloy St and Rt 22	Design	0%	0%	\$ 31,000	\$ 19,000	\$ 50,000	\$ 3,745	\$ -	\$ 3,745	0.00	0	0	12/17/20
116	500314	Lincoln Ave W. and Elm St	Design	0%	0%	\$ 49,600	\$ 30,400	\$ 80,000	\$ 552	\$ -	\$ 552	0.00	0	0	3/24/21
117	500320	S. Broad St and Garden St	Design	0%	0%	\$ 37,200	\$ 22,800	\$ 60,000	\$ 535	\$ -	\$ 535	0.00	0	0	2/8/21
		Totals				\$ 48,367,957	\$ 27,384,486	\$ 75,752,443	\$ 49,249,077	\$ 20,103,701	\$ 69,352,778	75.83	5,500	5,486	

ELIZABETHTOWN GAS COMPANY
Infrastructure Investment Program (“IIP”)

Leak Metrics

	<u>5 Yr Avg</u>	<u>Reduction</u>	<u>Target</u>	April Filing Actual <u>March-31</u>	Fav / (Un-Fav) <u>to Target</u>	July Filing Actual <u>June-30</u>	Fav / (Un-Fav) <u>to Target</u>
2020	3,315	0%	3,315	1,732	1,583	2,310	1,005
2021	3,315	1%	3,282	-	-	-	-
2022	3,315	2%	3,249	-	-	-	-
2023	3,315	3%	3,216	-	-	-	-
2024	3,315	4%	3,182	-	-	-	-

	<u>Dec. Yr. End</u>
2015	3,933
2016	3,190
2017	3,531
2018	4,330
2019	1,592
5 Yr Avg	3,315