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July 1, 2022

Ms. Shonta Dunston
Chief Clerk
North Carolina Utilities Commission
430 N. Salisbury Street, Dobbs Building
Raleigh, North Carolina 27603

Re: Docket Nos. G-39, Sub 46 and G-39, Sub 47 - Cardinal Pipeline Company, LLC Depreciation Study as of December 31, 2020, and Application of Cardinal Pipeline Company, LLC for an Adjustment in its Rates and Charges

Dear Ms. Dunston:

Enclosed for filing in the above-referenced docket is the Stipulation of Cardinal Pipeline Company, LLC, Piedmont Natural Gas Company, Inc., and the Public Staff (Stipulating Parties). This Stipulation reflects settlement of all issues between all of the Stipulating Parties.

By copy of this letter, I am forwarding a copy to all parties of record.

Sincerely,

Cardinal Pipeline Company, LLC

By 

Robert W. Kaylor
Its Attorney
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**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

DOCKET NO. G-39, SUB 46
DOCKET NO. G-39, SUB 47

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. G-39, SUB 46)	
)	
In the Matter of)	
Cardinal Pipeline Company, LLC)	
Depreciation Rate Study as of)	
December 31, 2020)	SETTLEMENT AGREEMENT
)	AND STIPULATION
DOCKET NO. G-39, SUB 47)	
)	
In the Matter of)	
Application of Cardinal Pipeline)	
Company, LLC for an Adjustment in)	
its Rates and Charges)	

Pursuant to Section 62-69 of the North Carolina General Statutes and Rule R1-24(c) of the Rules and Regulations of the North Carolina Utilities Commission (Commission), Cardinal Pipeline Company, LLC (Cardinal or the Company), Piedmont Natural Gas Company, Inc. (Piedmont), and the Public Staff – North Carolina Utilities Commission (Public Staff), hereinafter collectively referred to as the “Stipulating Parties”, submit the following Settlement Agreement and Stipulation (Stipulation) for the Commission’s consideration. The Stipulating Parties stipulate and agree as follows:

1. **Background**. The events leading to the execution of this Stipulation are as follows:

A. On October 26, 2021, in Docket No. G-39, Sub 46 (Sub 46 Docket), Cardinal filed a Depreciation Rate Study (2021 Depreciation Rate Study) pursuant to Commission Rule R6-80, which requires each natural gas utility to submit a depreciation study for Commission approval every five years. Cardinal stated that its existing depreciation rates were contained in Cardinal's Depreciation Rate Study as of December 31, 2015 and were implemented in Docket No. G-39, Sub 38, Cardinal's last general rate case, effective August 1, 2017.

B. On February 11, 2022, Cardinal gave notice of its intent to file a general rate case. Cardinal also filed on this date a Request for Waivers of certain Commission requirements pertaining to Item 25 and Item 26 of the G-1 filing and waiver of Commission Rule R1-17 (b)(13)(d) requirement to publish notice to its customers in local newspapers. The Commission granted this request on April 4, 2022.

C. On March 15, 2022, Cardinal filed an application (Sub 47 Rate Case Application) in Docket No. G-39, Sub 47 (Sub 47 Rate Case Docket), seeking approval of: (1) an adjustment in its rates; (2) revised and updated amortizations and recovery of certain regulatory assets accrued since the Company's last general rate case; (3) the flowback of certain regulatory liabilities arising from excess deferred income taxes (EDIT) associated with the Tax Cuts and Jobs Act of 2017 and state income tax reductions; (4) authority to place certain pipeline integrity management costs in a deferred account for proposed future collection; (5) a request for deferred accounting treatment of cybersecurity

expenses; and (6) other updates and revisions to Cardinal's rate schedules. Cardinal's Sub 47 Rate Case Application included a request for approval to implement the depreciation rate changes included in its 2021 Depreciation Rate Study. The test year used was the twelve-month period ending on December 31, 2021. Included with that filing was certain information and data required by NCUC Form G-1; the direct testimony and exhibits of (1) Kerri H. Miller, Lead Regulatory Analyst Cardinal Operating Company, LLC, as Operator of Cardinal; (2) Michael P. Cousino, a tax analyst, (3) David J. Haag, an economist; and (4) Steven R. Fall, an energy consultant.

D. On March 28, 2022, the Public Staff filed a motion to consolidate Cardinal's Sub 46 Docket and Sub 47 Rate Case Docket, which was approved by Commission Order dated April 4, 2022.

E. On March 29, 2022, Piedmont filed a petition to intervene, which was granted by Commission Order on April 4, 2022.

F. On March 31, 2022, PSNC filed a petition to intervene, which was granted by Commission Order on April 4, 2022.

G. On April 5, 2022, the Public Staff filed a letter requesting the Commission to declare Cardinal's rate increase application a general rate case and suspend rates for up to 270 days from April 14, 2022, the date on which rates would otherwise go into effect.

H. On April 7, 2022, the Commission issued its Order Establishing General Rate Case and Suspending Rates.

I. On April 27, 2022, the Public Staff filed a letter and motion recommending that Cardinal's Sub 47 Rate Case Application be set for hearing and the Commission establish deadlines for petitions to intervene and file testimony, establish discovery rules, and require notice to customers.

J. On May 2, 2022, the Commission issued an Order Scheduling Investigation, Establishing Intervention and Testimony Due Dates and Discovery Guidelines, and Requiring Notice.

K. On June 10, 2022, the Public Staff filed the direct testimony and exhibits of witnesses: Roxie McCullar, Public Staff Depreciation Consultant, and John R. Hinton, Director of the Public Staff Economic Research Division. The Public Staff also filed a motion requesting Commission authorization for an extension of time until June 13, 2022, to file the direct testimony and exhibits of intervenors including the direct testimony and exhibits of the Public Staff's engineering and accounting witnesses and extend the time for the filing of Cardinal's rebuttal testimony and exhibits, if any, to June 27, 2022. This motion was granted on June 10, 2022.

L. On June 13, 2022, the Public Staff filed the direct testimony and exhibits of Neha Patel, Manager of the Natural Gas Section of the Public Staff Energy Division and Sonja R. Johnson, Manager for Natural Gas and Transportation with the Public Staff Accounting Division.

M. On June 27, 2022, Cardinal filed the Rebuttal Testimony of David J. Haag and Kerri H. Miller.

N. Subsequent to the filing of Cardinal's Sub 47 Rate Case Application in this docket, the Public Staff examined Cardinal's books and records and engaged in substantial discovery regarding the matters addressed by Cardinal's Sub 47 Rate Case Application. Following the completion of the Public Staff's investigation, a settlement conference was convened, as well as numerous conference calls, and the Stipulating Parties were able to arrive at a settlement of all the issues, the terms of which are reflected in this Stipulation and the exhibits attached hereto.

2. **Test Period.** The test period for this rate case is the twelve-month period ending on December 31, 2021, updated and adjusted for certain changes or circumstances occurring or becoming known through March 31, 2022.

3. **Rate Base.** The Stipulating Parties agree to adjust the estimated plant in service and related rate base components filed by Cardinal to reflect actual plant in service updates as of March 31, 2022. The Stipulating Parties further agree that the original cost rate base used and useful in providing service in North Carolina is \$56,365,846, consisting of gas plant in service of \$156,592,986 and working capital of \$357,899 reduced by accumulated depreciation of (\$74,320,708) and accumulated deferred income taxes of (\$26,264,333).

4. **Revenue Requirement.**

A. The Stipulating Parties agree to a total annual cost of service and revenue requirement for Cardinal of \$11,514,624. This represents a (\$204,741) decrease in revenue requirement from the end of period revenues filed by

Cardinal in this proceeding and a \$1,124,271 reduction from the \$919,530 increase in revenue requirement filed by Cardinal.

B. The Stipulating Parties agree that the net increase in depreciation expense should be \$11,642 from the \$4,048,466 filed by Cardinal to reflect the adjustment for actual plant in service as of March 31, 2022, and to incorporate the effect of the new depreciation rates. The Stipulating Parties agree that the annual level of depreciation expense to be used in this proceeding is \$4,060,108.

C. The overall level of operating expenses appropriate for use in this proceeding is \$7,374,573 as shown on Exhibit A (Total Settlement Cost of Service less Total Overall Return on Rate Base).

D. The hypothetical capital structure appropriate for use in this proceeding consists of 51.96% common equity and 48.04% debt (at a debt cost rate of 4.96%) as shown on Exhibit A.

E. The rate of return on common equity ("ROE") that the Company should be allowed an opportunity to earn is 9.55%, as shown on Exhibit A. This agreed level of ROE represents a significant compromise by each of the Stipulating Parties from their respective litigation positions. This agreed-upon ROE is deemed by each Stipulating Party to be a reasonable ROE for use in this proceeding that will provide the Company with a reasonable opportunity, by sound management, to (1) produce a fair return for its shareholders, and a just and reasonable result for its customers considering changing economic conditions and other factors; (2) maintain the Company's facilities and services in

accordance with the reasonable requirements of its customers in the territory covered by its franchise; and (3) compete in the market for capital funds on terms that are fair to its customers and to its existing investors. Each of the Stipulating Parties further agrees that such agreed-upon ROE, together with the agreed-upon capital structure and adjustments to the Company's rate base and operating expenses, results in a revenue requirement that is just and reasonable to the Company's customers in light of changing economic conditions.

F. The weighted overall rate of return that the Company should be allowed an opportunity to earn on its rate base is 7.34%, as shown on Exhibit A. Furthermore, this rate should be used by the Company as its AFUDC rate. The calculation of revenue requirements related to AFUDC shall take into account both the tax deductibility of the weighted debt component of the overall rate of return and the tax non-deductibility of the weighted equity component of the overall rate of return. AFUDC accrued shall be adjusted as appropriate for income taxes.

G. The Stipulating Parties agree that taxes other than income should be adjusted for property taxes based on the aforementioned adjustments to plant in service and for the regulatory fee based on the agreed-to revenue requirement. The appropriate annual level of taxes other than income to be used in this proceeding under proposed rates is \$538,838.

H. The Stipulating Parties agree that income taxes should be determined using the North Carolina state income tax rate of 2.5% and the federal income tax rate of 21%, and that the composite state and federal income

tax rate is 22.975%. The Stipulating Parties also agree that income taxes should be calculated based on the overall return amount (less the interest and debt component) determined in this proceeding.

I. The revenues generated by the rates shown on Exhibit B will produce the revenue requirement established in this Stipulation.

5. Cost of Service and Rate Design.

A. The Stipulating Parties agree to the allocation methodology employed by the Company in determining the cost of service applicable to each zone as shown on Exhibit A and the specific rates as shown on Exhibit B, which are attached hereto and incorporated by reference herein.

B. The Stipulating Parties agree to the zonal allocation factors as shown on Exhibit A.

C. The Stipulating Parties agree that total cost of service is \$11,514,624, a reduction of (\$1,124,271) from the cost of service included in Cardinal's Application, utilizing the rate of return agreed to by the Stipulating Parties.

D. Through the rates and charges approved in this Stipulation, the Company should be authorized to decrease its annual level of operating revenues by (\$204,741) per year from the end of test period revenue filed by Cardinal in this proceeding.

6. **Depreciation Rate Study and Depreciation Expense.**

The Stipulating Parties agree to the depreciation rates submitted in the 2021 Depreciation Rate Study filed by the Company in the Sub 46 Docket, as modified by adjustments to the Depreciation and Negative Salvage rates recommended by Public Staff witness McCullar. Using the recommended rates, the Stipulating Parties agree to an updated annualized depreciation expense amount of \$4,060,108. The Stipulating Parties agree that effective on the first day of the month following Commission order approving this Stipulation, Cardinal will adopt the depreciation rates, as revised by Public Staff witness McCullar, reflected in the 2021 Depreciation Rate Study.

7. **Income Taxes & Excess Deferred Income Taxes (“EDIT”) Amortization**

A. Income Taxes. The Stipulating Parties agree to reflect the Income Taxes and EDIT Amortization as separate line items in the Total Cost of Service.

B. EDIT Amortization. The Stipulating Parties agree that the unamortized balance of EDIT as of December 31, 2021 is \$13,737,017, and is comprised of two regulatory liabilities: (1) EDIT as a result of the decrease in the Federal Corporate Income Tax Rate from the Tax Cut and Jobs Act of 2017, and (2) EDIT as a result of the decrease in the North Carolina State Corporate Income Tax Rate from 3% to 2.5% for taxable years beginning on or after January 1, 2019.

i. The Stipulating Parties agree that using the Reverse South

Georgia method using updated Depreciable Plant and Reserve from the Company's March 31, 2022 update results in an Average Remaining Life of 26.49 years and a total annual amortization of the two regulatory liabilities of \$518,652.

ii. The Stipulating Parties agree that if any aspect of the amortization of the EDIT as provided in this Stipulation (and approved by the Commission pursuant to its approval of this Stipulation) is found to be in violation of tax normalization principles set forth in the Internal Revenue Code (IRC) and applicable Treasury Regulations thereunder such that Cardinal would be precluded from the full use of accelerated depreciation, Cardinal shall have the right to immediately modify, on a provisional basis and subject to later approval by the Commission, its accounting and rates for amortization of EDIT, as and to the extent necessary to maintain compliance with the tax normalization principles of the Internal Revenue Code (IRC) and applicable Treasury Regulations thereunder and, thus, to remain eligible to use accelerated depreciation without interruption. Cardinal shall then expeditiously apply to the Commission for approval of the accounting and rate modifications. It is the recommendation of the Stipulating Parties that the Commission include the provisions of this paragraph in its Order approving this Stipulation in this proceeding and indicate that this protection will continue to be in effect after the termination of the Docket No. G-39, Subs 46 and 47 rate period and in future rate periods until the two regulatory liabilities are fully amortized.

C. EDIT Amortization From Docket No. G-39, Sub 38. The Stipulating Parties agree to continue the amortization of the EDIT associated with the North Carolina corporate income tax changes over a 5-year period starting in 2017, as proposed in Paragraph 5 of the Joint Stipulation approved by the Commission on July 27, 2017 in Docket No. G-39, Sub 38 (July 27 Order). However, in order to accomplish the complete flow back of that EDIT while not over- or under-amortizing that amount agreed to, and approved, in the July 27 Order, the Stipulating Parties agree that Cardinal will, within 30 days of the effective date of rates in this proceeding, refund to its shippers the applicable amount of unamortized EDIT balance in accordance with the schedule shown in Exhibit C. If the effective date of rates in this proceeding is on or after September 1, 2022, Cardinal will establish a regulatory asset for the applicable amount of over-amortized EDIT, and defer collection, without carrying costs, to Cardinal's next general rate proceeding.

8. Taxes Other (Property Taxes) and Adjustment for Regulatory Fee.

The Stipulating Parties agree that the regulatory fee amount should be calculated based on the total revenue requirement determined in this proceeding, at a rate of 0.13%. This results in a regulatory fee expense of \$15,235 and total Taxes Other Than Income Taxes of \$539,104 under present rates. Under the rates agreed to by the Stipulating Parties, the regulatory fee expense is \$14,969 and total Taxes Other Than Income Taxes is \$538,838.

9. Operating and Maintenance (O&M) Expenses. The Stipulating Parties

agree to O&M Expense of \$2,377,587.

10. **Annual Billing Determinants.** The Stipulating Parties agree that the annual billing determinants for Zones 1A, 1B, and 2 will be the determinants reflected on Exhibit_(KM-002), Statement I-2 of Cardinal's Sub 47 Rate Case Application for those zones.

11. **AFUDC.** The Stipulating Parties agree that the Company will use an AFUDC rate of 7.34%, adjusted as appropriate to reflect the tax deductibility of interest expense, effective on the date rates are approved in this proceeding.

12. **Pipeline Integrity O & M Deferral.** The Stipulating Parties agree that Cardinal's request to defer certain pipeline integrity O&M expenses (Pipeline Integrity Expenses) is appropriate. The Stipulating Parties agree that Cardinal should be allowed to defer pipeline assessment costs for amounts paid for services provided by independent contractors and outside consultants that are necessary (1) for compliance with the United States Department of Transportation regulations and (2) to ensure the safety and integrity of the Cardinal pipeline. The Stipulating Parties also agree that authorization to defer the pipeline integrity costs would remain in effect through the effective date of rates in Cardinal's next general rate case. The Stipulating Parties further agree that, consistent with prior Commission orders, Cardinal will not defer internal payroll costs or other internal O&M expenses. The Stipulating Parties agree on an annual amortization of \$82,411 for Pipeline Integrity Expenses incurred during Cardinal's 2018 assessment.

13. **Cybersecurity Deferral Request.** The Stipulating Parties agree that

since anticipated cybersecurity expenses are not measurable at this time to any degree of certainty, and thus cannot currently be evaluated as to whether their final amount would justify deferral, it would be premature to consider approval of deferral in this Stipulation. Therefore, the Stipulating Parties agree that if Cardinal still wishes to defer these costs when they are actually incurred and are measurable, it should, within six months of the implementation of the new cybersecurity mitigation measures or in the Company's next general rate case following the implementation, whichever comes first, apply for authorization to defer and amortize the cybersecurity-related costs. Additionally, amortization of these costs shall begin, if approved, immediately upon the incurrence of the costs (unless the Commission finds, in its discretion, that the costs are too significant to begin amortization before future rates are approved). In the following general rate case, rates shall be based on the amount remaining to be amortized at that time. The Stipulating Parties also agree that the Commission find that in order to be deferred, the costs must meet the two-prong test (extraordinariness and magnitude) sometimes applied by the Commission in its evaluation of deferral requests, or such other criteria that the Commission may find appropriate and reasonable at that point in time.

14. Next Rate Case Filing. Cardinal agrees to file its next rate case no later than March 15, 2027. Cardinal also agrees to provide the Stipulating Parties with a rough outline of the rate case, including the period selected as the test year for the rate case, one month prior to the filing date. Consistent with the Stipulation, the Stipulating Parties agree not to initiate a show cause proceeding relating to

Cardinal's rates and charges before its next rate case filing; provided, however, that the Stipulating Parties are not constrained in any way in their ability to seek changes to, or make filings with the Commission, including complaint proceedings, related to, Cardinal's terms and conditions of service or operating practices as a consequence of the foregoing show cause moratorium.

15. **Effective Date of Rates.** The effective date of the rates set forth in this Stipulation shall be the first day of the month following the date of the Commission's order approving this Stipulation.

16. **Agreement to Support Settlement; Non-Waiver.**

The Stipulating Parties, and their agents, witnesses, and representatives, will act in good faith to support the reasonableness of this Stipulation in any hearing before the Commission and any proposed order or brief in this docket; provided, however, that the settlement of any issue pursuant to this Stipulation shall not be cited as precedent by any of the Stipulating Parties in any other proceeding or docket before this Commission or on appeal before the North Carolina Court of Appeals or North Carolina Supreme Court. The provisions of this Stipulation do not necessarily reflect any position asserted by any of the Stipulating Parties. Rather, they reflect a settlement among the Stipulating Parties as to all issues, and no Stipulating Party waives the right to assert any position in any future docket before the Commission.

17. **Introduction/Withdrawal of Testimony and Waiver of Cross-Examination.** The Stipulating Parties agree that all pre-filed testimony and exhibits of the Stipulating Parties, including any supplemental testimony filed in

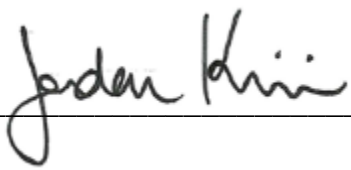
support of this Stipulation, may be introduced into evidence without objection, and the Stipulating Parties waive their respective right to cross-examine all of the other Stipulating Parties' witnesses with respect to pre-filed testimony and exhibits addressing issues resolved by this Stipulation. If questions should be asked by any non-Stipulating Party or a Commissioner, the Stipulating Parties may present testimony and/or exhibits to respond to such questions and may cross-examine any witnesses with respect to such testimony and/or exhibits; provided, however, that such testimony, exhibits, and/or cross-examination shall not be inconsistent with this Stipulation. The Stipulating Parties further agree that the Company and the Public Staff will file supplemental testimony in support of the Stipulation provided that such testimony shall not be inconsistent with this Stipulation.

18. Binding Only if Entire Stipulation Accepted. This Stipulation is the product of give-and-take negotiations and reflects various concessions made by each Stipulating Party as to the items herein. On balance, the Stipulating Parties believe the Stipulation provides a reasonable resolution of the contested issues when considered in its entirety. No portion of this Stipulation shall be binding on the Stipulating Parties unless the entire Stipulation is accepted by the Commission. The terms and conditions set forth above represent, in full, the agreement of the Stipulating Parties. If the Commission rejects any part of this Stipulation or approves this Stipulation subject to any change or condition or if the Commission's approval of this Stipulation is rejected or conditioned by a reviewing court, the Stipulating Parties agree to meet and discuss the applicable

Commission or court order within five (5) business days of its issuance and to attempt, in good faith, to determine if they are willing to modify the Stipulation consistent with the order. No Stipulating Party shall withdraw from the Stipulation prior to complying with the foregoing sentence. If any Stipulating Party withdraws from the Stipulation, each Stipulating Party retains the right to seek additional procedures before the Commission, including cross-examination of witnesses, with respect to issues addressed by the Stipulation and shall not be bound or prejudiced by the terms and conditions of the Stipulation.

The foregoing is agreed and stipulated to, this the 1st day of July, 2022.

Cardinal Pipeline Company, LLC
By its Operator
Cardinal Operating Company, LLC

By:  _____

Piedmont Natural Gas Company, Inc.

By:  _____

Public Staff – North Carolina Utilities Commission

By: 

Schedule of Exhibits

Exhibit A – Cost of Service by Zone

Exhibit B – Settlement Rates

Exhibit C – EDIT Refund Table

Exhibit A

Cardinal Pipeline Company, LLC
Docket No. G-39, Sub 47
Settlement Cost of Service by Zone

Item	Zone 1			Zone 2			Total
	Demand (\$)	Commodity (\$)	Total (\$)	Demand (\$)	Commodity (\$)	Total (\$)	
Plant	28,171,495		28,171,495	128,421,492		128,421,492	156,592,986
Accumulated Depreciation	(18,776,338)		(18,776,338)	(55,544,370)		(55,544,370)	(74,320,708)
Net Plant	9,395,157	0	9,395,157	72,877,121	0	72,877,121	82,272,278
Materials & Supplies	[2] 64,386		64,386	293,513		293,513	357,899
Deferred Income Taxes	(2,158,537)		(2,158,537)	(24,105,795)		(24,105,795)	(26,264,333)
Rate Base	7,301,006	0	7,301,006	49,064,839	0	49,064,839	56,365,846
Overall Return on Rate Base	536,256		536,256	3,603,795		3,603,795	4,140,051
O&M Expenses	[1] 307,897		307,897	2,069,689		2,069,689	2,377,587
Pipeline Integrity Deferral	[1] 10,672		10,672	71,739		71,739	82,411
Depreciation	702,026		702,026	3,358,082		3,358,082	4,060,108
General Taxes	[1] 69,780		69,780	469,058		469,058	538,838
Income Taxes	[1] 108,039		108,039	726,242		726,242	834,281
EDIT Amortization	[1] (67,165)		(67,165)	(451,486)		(451,486)	(518,652)
Settlement Cost of Service	1,667,505	0	1,667,505	9,847,118	0	9,847,118	11,514,624

[1] Rate Base Zonal Allocation Factors:

Zone 1 Rate Base	7,301,006	12.95%
Zone 2 Rate Base	49,064,839	87.05%
Total	56,365,845	100.00%

[2] Allocated between zones based on Gross Plant Factor:

Zone 1	28,171,495	17.99%
Zone 2	128,421,492	82.01%
	156,592,986	100.00%

Hypothetical Capital Structure:

	Percent of Capital	Cost	Weighted Cost of Capital
Common Equity	51.96%	9.55%	4.96%
Debt	48.04%	4.96%	2.38%
Total Capital	100.00%		7.34%

**Cardinal Pipeline Company, LLC
Docket No. G-39, Sub 47
Settlement Rates**

Item	Zone 1 A		Zone 1 B		Zone 2		Total
	Demand	Commodity	Demand	Commodity	Demand	Commodity	
Revenues Generated	\$593,527	\$0	\$1,073,978	\$0	\$9,847,118	\$0	\$11,514,623
Annual Billing Determinants							
Demand (Mcf)	720,000		840,000		3,987,240		
Demand (Dt)	745,200		869,400		4,126,800		
Commodity (Dt)		0		0		0	
Rates							
Monthly Demand (\$/Mcf)	\$0.82434		\$1.27855		\$2.46966		
Monthly Demand (\$/Dt)	\$0.79647		\$1.23531		\$2.38614		
Daily Demand (\$/Dt)	\$0.02619		\$0.04061		\$0.07845		
Commodity (\$/Dt)		\$0.00000		\$0.00000		\$0.00000	
Daily Electric Power Rate	\$0.00047		\$0.00047		\$0.00047		
Excess CFT 100% Load Factor (dt)							
Zone 1A	\$0.02619						
Zone 1B	\$0.04061						
Zone 2	\$0.07845						
Zone 1 COS Split							
Zone 1A	35.5937%						
Zone 1B	64.4063%						

Cardinal Pipeline Company, LLC
Docket No. G-39, Sub 47
EDIT Refund Table

Effective Date of Rates	Total Unamortized EDIT Balance
May 1, 2022	(154,887)
June 1, 2022	(110,849)
July 1, 2022	(66,811)
August 1, 2022	(22,773)
September 1, 2022	21,265
October 1, 2022	65,303
November 1, 2022	109,341
December 1, 2022	153,379
January 1, 2023	197,417
February 1, 2023	241,455