

Recently Approved Tariffs Within the Last Six Months



Select a state to review electric or gas tariffs that have been updated in the last six months. Select the date within each section to link to the corresponding PDF file with more details.

Note: MidAmerican Energy Company provides Internet access to its tariffs and other supplemental information for customers' convenience; however, electronically posted tariffs are not official company documents, and users of the electronically posted tariffs assume sole responsibility for reliance upon tariffs in electronic format.

Rates and provisions included in the electronically posted tariffs are subject to revision. Notification of proposed changes to electronically posted tariffs is not provided through this Web site.





Recently Approved Tariffs Electric





Recently Approved Tariffs Electric – Iowa

Effective Billing Date	Tariff Sheet No.	Brief Description
04/30/2025	2 nd Revised Sheet No. 423.10	Clause ETA – Electric Tax Adjustment – Implementation of 1% Franchise Fee for the city of Palmer, Iowa
04/01/2025	1 st Revised Sheet No. 420.05 11 th Revised Sheet No. 420.1	Clause ETA – Electric Tax Adjustment – Implementation of 2% Franchise Fee for the city of West Des Moines, Iowa
	15 th Revised Sheet No. 430	Clause TCA - Transmission Cost Adjustment factors
	7 th Revised Sheet No. 464.20	Clause TERM – Tax Expense Revision Mechanism factors





Recently Approved Tariffs Electric – Illinois

Effective Billing Date	Tariff Sheet No.	Brief Description
04/30/2025	125 th Revised Information Sheet 1 Supplement to Sheet No. 478	Rider FAC – Fuel Adjustment Clause factor
	106 th Revised Information Sheet No. 2 Supplemental to Sheet No. 484.61	Rider PE – Purchased Electricity Adjustment factor
04/01/2025	23 rd Revised Information Sheet No. 1 Supplemental to Sheet No. 472	Rider EECR – Energy Efficiency Cost Recovery Adjustment factors
	124 th Revised Information Sheet 1 Supplement to Sheet No. 478	Rider FAC – Fuel Adjustment Clause factor
	105 th Revised Information Sheet No. 2 Supplemental to Sheet No. 484.61	Rider PE – Purchased Electricity Adjustment factor
	14 th Revised Information Sheet No. 1 Supplemental to Sheet No. 506.1	Rider TS – Transmission Service factors
03/03/2025	123 rd Revised Information Sheet 1 Supplement to Sheet No. 478	Rider FAC – Fuel Adjustment Clause factor
	104 th Revised Information Sheet No. 2 Supplemental to Sheet No. 484.61	Rider PE – Purchased Electricity Adjustment factor
02/27/2025	7 th Revised Sheet No. 48	Section 2 – Customer Services – Payment for Service - Sheet No. 48 corrected effective date to February 27, 2025
Continued next page		





Recently Approved Tariffs Electric – Illinois

Effective Billing Date	Tariff Sheet No.	Brief Description
01/31/2025	122 nd Revised Information Sheet 1 Supplement to Sheet No. 478	Rider FAC – Fuel Adjustment Clause factor
	103 rd Revised Information Sheet No. 2 Supplemental to Sheet No. 484.61	Rider PE – Purchased Electricity Adjustment factor
01/13/2025	Sheet Nos. 1.30–1.50, 18, 41, 43-45, 48, 50-52, 112, 147, 260-274, 286-363, 406 and 467	Various housekeeping changes
12/31/2024	22 nd Revised Information Sheet No. 1 Supplemental to Sheet No. 472	Rider EECR – Energy Efficiency cost Recovery Adjustment factors
	121st Revised Information Sheet 1 Supplement to Sheet No. 478	Rider FAC – Fuel Adjustment Clause factor
	102 nd Revised Information Sheet No. 2 Supplemental to Sheet No. 484.61	Rider PE – Purchased Electricity Adjustment factor
	15th Davised Information Check No. 1	Rider PRE – Illinois Power Agency Purchased
	15 th Revised Information Sheet No. 1 Supplemental to Sheet No. 484.75	Power Renewable Energy Resources Recovery Adjustment





Recently Approved Tariffs Electric – South Dakota

Effective Billing Date	Tariff Sheet No.	Brief Description	
04/01/2025	Section No. 3 –		
	110 th Revised Sheet No. 73	Clause TCR - Transmission Cost Recovery factors	
03/03/2025	Section No. 3 -		
	33 rd Revised Sheet No. 79	Clause ECA - Energy Cost Adjustment factor	





Recently Approved Tariffs

Gas



Recently Approved Tariffs Gas – Iowa

Effective Billing Date	Tariff Sheet No.	Brief Description
12/31/2024	1 st Revised Sheet No. 193	Clause GTA – Gas Tax Adjustment – Increase the franchise fee for Lone Rock, Iowa, from 1% to 3%





Recently Approved Tariffs Gas – Illinois

Effective Billing Date	Tariff Sheet No.	Brief Description
04/01/2025	31 st Revised Information Sheet Supplemental to Sheet No. 105	Rider EECR - Energy Efficiency Cost Recovery Adjustment factors
01/13/2025	3 rd Revised Sheet No. 20 3 rd Revised Sheet No. 21 2 nd Revised Sheet No. 21.1 2 nd Revised Sheet No. 21.2 2 nd Revised Sheet No. 21.3 2 nd Revised Sheet No. 21.4 Original Sheet No. 21.5 5 th Revised Sheet No. 22 7 th Revised Sheet No. 23 5 th Revised Sheet No. 24 3 rd Revised Sheet No. 24 3 rd Revised Sheet No. 24.1 Original Sheet No. 24.2 4 th Revised Sheet No. 113	Various housekeeping changes
12/31/2024	30 th Revised Information Sheet Supplemental to Sheet No. 105	Rider EECR - Energy Efficiency Cost Recovery Adjustment factors





Recently Approved Tariffs Gas – Nebraska

Effective Billing Date	Tariff Sheet No.	Brief Description
None		



Recently Approved Tariffs Gas – South Dakota

Effective Billing Date	Tariff Sheet No.	Brief Description
None		





Purchased Gas Adjustment – Current – All Jurisdictions

Effective Billing Month	Jurisdiction	Tariff Sheet No.	
04/2025	Iowa	10 th Revised Sheet No. 130	
		11 th Revised Sheet No. 174	
	Illinois	181st Revised Informational Sheet,	
		Supplemental to Sheet No. 112	
	Nebraska	365 th Revised Sheet No. 44	
	South Dakota	118 th Revised Sheet No. 70	





PGA Summaries:

Iowa
Illinois
Nebraska
South Dakota





PGA Summaries:

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Purchased Gas Adjustments - 2025 (per therm)

Iowa			
Effective Billing Date Gas Supply Charge			
04/07/2025	0.57378		
03/07/2025	0.54652		
02/07/2025	0.46022		
01/07/2025	0.51674		





Purchased Gas Adjustments - 2024 (per therm)

Iowa			
Effective Billing Date	Gas Supply Charge		
12/07/2024	0.45907		
11/07/2024	0.40881		
10/07/2024	0.34657		
09/07/2024	0.28813		
08/07/2024	0.47659		
07/07/2024	0.56695		
06/07/2024	0.49558		
05/07/2024	0.40665		
04/07/2024	0.36072		
03/07/2024	0.40439		
02/07/2024	0.50858		
01/07/2024	0.43331		





Purchased Gas Adjustments - 2023 (per therm)

Iowa - West					
	SVF/MVF/SGS		LVF		
		Pipeline			
	Gas Supply	Transport		Gas Supply	
Effective Billing Date	Charge	Charge	Demand	Charge	
12/07/2023	0.31107	0.11485	0.98104	0.33900	
11/07/2023	0.32514	0.11485	0.98104	0.33451	
10/07/2023	0.24041	0.11485	0.98104	0.26087	
09/07/2023	0.24407	0.12057	1.03258	0.27461	
08/07/2023	0.17896	0.12201	1.03258	0.17551	
07/07/2023	0.11913	0.12201	1.03258	0.10450	
06/07/2023	0.24182	0.12201	1.03258	0.06918	
05/07/2023	0.23151	0.12474	1.05563	0.17707	
04/07/2023	0.19178	0.12474	1.05563	0.13789	
03/07/2023	0.29349	0.12474	1.05563	0.16415	
02/07/2023	0.44583	0.12474	1.05563	0.40294	
01/07/2023	0.60898	0.12474	1.05563	0.60862	





Purchased Gas Adjustments - 2023 (per therm)

Iov	Iowa - East			
	Rider No. 6			
	Clause 1			
Effective Billing Date	Rates 60, 70, 87 & 90			
12/07/2023	0.42592			
11/07/2023	0.43999			
10/07/2023	0.35526			
09/07/2023	0.36464			
08/07/2023	0.30097			
07/07/2023	0.24114			
06/07/2023	0.36383			
05/07/2023	0.35625			
04/07/2023	0.31652			
03/07/2023	0.41823			
02/07/2023	0.57057			
01/07/2023	0.73372			





Purchased Gas Adjustments - 2022 (per therm)

Iowa - West				
	SVF/MVF/SGS			LVF
		Pipeline		
	Gas Supply	Transport		Gas Supply
Effective Billing Date	Charge	Charge	Demand	Charge
12/07/2022	0.65959	0.13406	1.15408	0.68938
11/07/2022	0.52424	0.13406	1.15408	0.52670
10/07/2022	0.51564	0.09996	0.86048	0.51562
09/07/2022	0.86029	0.09996	0.86048	0.86029
08/07/2022	0.47319	0.10580	0.86691	0.47951
07/07/2022	0.53969	0.10580	0.86691	0.54586
06/07/2022	0.92692	0.10580	0.86691	0.92065
05/07/2022	0.81065	0.10580	0.86691	0.71120
04/07/2022	0.87569	0.10580	0.86691	0.76139
03/07/2022	0.82363	0.10580	0.86691	0.72346
02/07/2022	0.81925	0.10580	0.86691	0.83400
01/07/2022	0.82970	0.10580	0.86691	0.79888





Purchased Gas Adjustments - 2022 (per therm)

Io	Iowa - East		
	Rider No. 6		
	Clause 1		
Effective Billing Date	Rates 60, 70, 87 & 90		
12/07/2022	0.79365		
11/07/2022	0.65830		
10/07/2022	0.61560		
09/07/2022	0.96025		
08/07/2022	0.57899		
07/07/2022	0.64549		
06/07/2022	1.03272		
05/07/2022	0.91645		
04/07/2022	0.98149		
03/07/2022	0.92943		
02/07/2022	0.92505		
01/07/2022	0.93550		





Purchased Gas Adjustments - 2021 (per therm)

MidAmerican Energy Company (West System)					
		SVF/MVF/SGS		LVF	
			Pipeline		
	Effective	Gas Supply	Transport		Gas Supply
Revision No.	Date	Charge	Charge	Demand	Charge
325 th Revised Sheet No. W-4	01/07/2021	0.24993	0.09715	0.82518	0.28926
326 th Revised Sheet No. W-4	02/07/2021	0.34428	0.09715	0.82518	0.39376
No change in March, February 2021	PGA will remain	in effect			
328 th Revised Sheet No. W-4	04/07/2021	0.54320	0.09715	0.82518	0.45158
329 th Revised Sheet No. W-4	05/07/2021	0.53170	0.09715	0.82518	0.43515
330 th Revised Sheet No. W-4	06/07/2021	0.53765	0.09715	0.82518	0.43551
331st Revised Sheet No. W-4	07/07/2021	0.61343	0.09715	0.82518	0.50948
332 nd Revised Sheet No. W-4	08/07/2021	0.65597	0.09715	0.82518	0.57024
334 th Revised Sheet No. W-4	09/07/2021	0.69952	0.09916	0.82518	0.63120
335 th Revised Sheet No. W-4	10/07/2021	0.82622	0.09916	0.82518	0.76234
336 th Revised Sheet No. W-4	11/07/2021	0.86124	0.10580	0.86691	0.80169
337 th Revised Sheet No. W-4	12/07/2021	0.87118	0.10580	0.86691	0.75092





Purchased Gas Adjustments - 2021 (per therm)

MidAmerican Energy Company (East System)				
		Rider No. 6		
		Clause 1		
Revision No.	Effective Date	Rates 60, 70, 87 & 90		
325 th Revised Sheet No. E-20	01/07/2021	0.34708		
326 th Revised Sheet No. E-20	02/07/2021	0.44143		
No change in March, February 2021	PGA will remain in effect			
328 th Revised Sheet No. E-20	04/07/2021	0.64035		
329 th Revised Sheet No. E-20	05/07/2021	0.62885		
330 th Revised Sheet No. E-20	06/07/2021	0.63480		
331st Revised Sheet No. E-20	07/07/2021	0.71058		
332 nd Revised Sheet No. E-20	08/07/2021	0.75312		
334 th Revised Sheet No. E-20	09/07/2021	0.79868		
335 th Revised Sheet No. E-20	10/07/2021	0.92538		
336 th Revised Sheet No. E-20	11/07/2021	0.96704		
337 th Revised Sheet No. E-20	12/07/2021	0.97698		





Purchased Gas Adjustments - 2020 (per therm)

MidAmerican Energy Company (West System)					
		SVF/MVF/SGS		LVF	
			Pipeline		
	Effective	Gas Supply	Transport		Gas Supply
Revision No.	Date	Charge	Charge	Demand	Charge
312 th Revised Sheet No. W-4	01/07/2020	0.23799	0.10689	0.91668	0.32291
313 th Revised Sheet No. W-4	02/07/2020	0.19846	0.10353	0.88778	0.28450
314 th Revised Sheet No. W-4	03/07/2020	0.14894	0.10353	0.88778	0.19748
315 th Revised Sheet No. W-4	04/07/2020	0.14522	0.10353	0.88778	0.15982
316 th Revised Sheet No. W-4	05/07/2020	0.15102	0.10353	0.88778	0.17104
317 th Revised Sheet No. W-4	06/07/2020	0.08075	0.10036	0.86059	0.12958
318 th Revised Sheet No. W-4	07/07/2020	0.05093	0.10036	0.86059	0.20317
319 th Revised Sheet No. W-4	08/07/2020	0.04143	0.10036	0.86059	0.29997
321st Revised Sheet No. W-4	09/07/2020	0.23131	0.10099	0.86130	0.23131
322 nd Revised Sheet No. W-4	10/07/2020	0.20495	0.09806	0.82518	0.21141
323 rd Revised Sheet No. W-4	11/07/2020	0.28474	0.09715	0.82518	0.31969
324 th Revised Sheet No. W-4	12/07/2020	0.21218	0.09715	0.82518	0.28940





Purchased Gas Adjustments - 2020 (per therm)

MidAmerican Energy Company (East System)				
		Rider No. 6		
		Clause 1		
Revision No.	Effective Date	Rates 60, 70, 87 & 90		
312 th Revised Sheet No. E-20	01/07/20	0.34488		
313 th Revised Sheet No. E-20	02/07/20	0.30199		
314 th Revised Sheet No. E-20	03/07/20	0.25247		
315 th Revised Sheet No. E-20	04/07/20	0.24875		
316 th Revised Sheet No. E-20	05/07/20	0.25455		
317 th Revised Sheet No. E-20	06/07/20	0.18111		
318 th Revised Sheet No. E-20	07/07/20	0.15129		
319 th Revised Sheet No. E-20	08/07/20	0.14179		
321st Revised Sheet No. E-20	09/07/20	0.33230		
322 nd Revised Sheet No. E-20	10/07/20	0.30301		
323 rd Revised Sheet No. E-20	11/07/20	0.38189		
324 th Revised Sheet No. E-20	12/07/20	0.30933		





PGA Summaries:

Ilinois



PGA Summaries: Illinois

Purchased Gas Adjustments - 2025 (per therm)

Illinois			
	Rider PGA		
Effective Billing Date	Gas Charge and Refund Adjustments		
04/01/2025	0.5779		
03/01/2025	0.6117		
02/01/2025	0.5530		
01/01/2025	0.5051		



PGA Summaries: Illinois

Purchased Gas Adjustments - 2024 (per therm)

	Illinois			
	Rider PGA			
Effective Billing Date	Gas Charge and Refund Adjustments			
12/01/2024	0.5282			
11/01/2024	0.4670			
10/01/2024	0.4601			
09/01/2024	0.3891			
08/01/2024	0.3931			
07/01/2024	0.4594			
06/01/2024	0.4484			
05/01/2024	0.3651			
04/01/2024	0.3692			
03/01/2024	0.4296			
02/01/2024	0.4910			
01/01/2024	0.4352			



PGA Summaries: Illinois

Purchased Gas Adjustments - 2023 (per therm)

Illinois			
	Rider PGA		
Effective Billing Date	Gas Charge and Refund Adjustments		
12/01/2023	0.3913		
11/01/2023	0.5485		
10/01/2023	0.4778		
09/01/2023	0.4694		
08/01/2023	0.4873		
07/01/2023	0.4751		
06/01/2023	0.4574		
05/01/2023	0.4559		
04/01/2023	0.3930		
03/01/2023	0.5980		
02/01/2023	0.7312		
01/01/2023	0.7503		



PGA Summaries: Illinois

Purchased Gas Adjustments - 2022 (per therm)

Illinois			
	Rider PGA		
Effective Billing Date	Gas Charge and Refund Adjustments		
12/01/2022	0.6177		
11/01/2022	0.7308		
10/01/2022	0.9568		
09/01/2022	1.0762		
08/01/2022	1.0694		
07/01/2022	0.9262		
06/01/2022	1.0631		
05/01/2022	0.9399		
04/01/2022	0.6334		
03/01/2022	1.1518		
02/01/2022	1.0159		
01/01/2022	0.9788		



PGA Summaries: Illinois

Purchased Gas Adjustments - 2021 (per therm)

MidAmerican Energy Company		
		Rider PGA
Revision No.	Effective Date	Gas Charge and Refund Adjustments
130 th Revised Information Sheet		
Supplemental to Sheet No. 112	01/01/2021	0.3195
131 st Revised Information Sheet		
Supplemental to Sheet No. 112	02/01/2021	0.3473
132 nd Revised Information Sheet		
Supplemental to Sheet No. 112	03/01/2021	0.4669
133 rd Revised Information Sheet		
Supplemental to Sheet No. 112	04/01/2021	0.6313
134 th Revised Information Sheet		
Supplemental to Sheet No. 112	05/01/2021	0.6718
135 th Revised Information Sheet		
Supplemental to Sheet No. 112	06/01/2021	0.6897
136 th Revised Information Sheet		
Supplemental to Sheet No. 112	07/01/2021	0.7495
137 th Revised Information Sheet		
Supplemental to Sheet No. 112	08/01/2021	0.7889
138 th Revised Information Sheet		
Supplemental to Sheet No. 112	09/01/2021	0.8213
139 th Revised Information Sheet		
Supplemental to Sheet No. 112	10/01/2021	0.9629
140 th Revised Information Sheet		
Supplemental to Sheet No. 112	11/01/2021	0.9014
141 st Revised Information Sheet		
Supplemental to Sheet No. 112	12/01/2021	0.8291



PGA Summaries: Illinois

Purchased Gas Adjustments - 2020 (per therm)

MidAmerican Energy Company		
		Rider PGA
Revision No.	Effective Date	Gas Charge and Refund Adjustments
118 th Revised Information Sheet		
Supplemental to Sheet No. 112	01/01/2020	0.3278
119 th Revised Information Sheet		
Supplemental to Sheet No. 112	02/01/2020	0.2827
120 th Revised Information Sheet		
Supplemental to Sheet No. 112	03/01/2020	0.2984
121 st Revised Information Sheet		
Supplemental to Sheet No. 112	04/01/2020	0.2899
122 nd Revised Information Sheet		
Supplemental to Sheet No. 112	05/01/2020	0.2742
123 rd Revised Information Sheet		
Supplemental to Sheet No. 112	06/01/2020	0.3034
124 th Revised Information Sheet		
Supplemental to Sheet No. 112	07/01/2020	0.2446
125 th Revised Information Sheet		
Supplemental to Sheet No. 112	08/01/2020	0.2645
126 th Revised Information Sheet		
Supplemental to Sheet No. 112	09/01/2020	0.3040
127 th Revised Information Sheet		
Supplemental to Sheet No. 112	10/01/2020	0.3211
128 th Revised Information Sheet		
Supplemental to Sheet No. 112	11/01/2020	0.3621
129 th Revised Information Sheet		
Supplemental to Sheet No. 112	12/01/2020	0.3185





PGA Summaries:

Nebraska





Purchased Gas Adjustments – 2025 (per therm)

Nebraska Nebraska			
	Clause 1	Clause 2	
	Sm. & Med.	Large Volume Firm	
Effective Billing Date	Volume Firm	Demand	Commodity
04/07/2025	0.55984	0.90283	0.40478
03/07/2025	0.48924	0.90283	0.44607
02/07/2025	0.56663	0.90283	0.44415
01/07/2025	0.53970	0.90283	0.44178





Purchased Gas Adjustments – 2024 (per therm)

Nebraska			
	Clause 1	Clause 2	
	Sm. & Med.	Large Volume Firm	
Effective Billing Date	Volume Firm	Demand	Commodity
12/07/2024	0.50790	0.90283	0.42818
11/07/2024	0.49649	0.90283	0.39234
10/07/2024	0.44951	0.90283	0.47305
09/07/2024	0.36805	0.90283	0.29414
08/07/2024	0.41749	1.05563	0.27413
07/07/2024	0.40284	1.05563	0.44955
06/07/2024	0.39315	1.05563	0.39711
05/07/2024	0.36055	1.05563	0.33978
04/07/2024	0.47470	1.05563	0.34563
03/07/2024	0.41830	1.05563	0.36634
02/07/2024	0.48442	1.05563	0.43086
01/07/2024	0.54786	1.05563	0.41325





Purchased Gas Adjustments – 2023 (per therm)

Nebraska Nebraska			
	Clause 1	Clause 2	
	Sm. & Med.	Large Volume Firm	
Effective Billing Date	Volume Firm	Demand	Commodity
12/07/2023	0.55848	1.05563	0.40519
11/07/2023	0.53581	1.05563	0.40753
10/07/2023	0.48496	1.05563	0.41239
09/07/2023	0.33040	1.05563	0.38392
08/07/2023	0.30821	1.05563	0.29730
07/07/2023	0.33537	1.05563	0.32064
06/07/2023	0.40282	1.05563	0.34752
05/07/2023	0.38532	1.05563	0.28660
04/07/2023	0.36067	1.05563	0.29432
03/07/2023	0.36984	1.05563	0.30375
02/07/2023	0.42570	1.05563	0.40592
01/07/2023	0.52840	1.05563	0.50961





Purchased Gas Adjustments – 2022 (per therm)

Nebraska			
	Clause 1	Clause 2	
	Sm. & Med.	Large Volume Firm	
Effective Billing Date	Volume Firm	Demand	Commodity
12/07/2022	0.75114	1.15408	0.60115
11/07/2022	0.47709	1.15408	0.37296
10/07/2022	0.56633	0.86048	0.44597
09/07/2022	0.87405	0.86048	0.76184
08/07/2022	0.57180	0.86691	0.62984
07/07/2022	0.87317	0.86691	0.30749
06/07/2022	1.01517	0.86691	0.54880
05/07/2022	0.89668	0.86691	0.43285
04/07/2022	0.67511	0.86691	0.40218
03/07/2022	0.57293	0.86691	0.35557
02/07/2022	0.39717	0.86691	0.30802
01/07/2022	0.51619	0.86691	0.44977





PGA Summaries: Nebraska

Purchased Gas Adjustments – 2021 (per therm)

MidAmerican Energy Company					
		Clause 1	Clause 2		
		Sm. & Med.	Large Volu	ıme Firm	
Revision No.	Effective Date	Volume Firm	Demand	Commodity	
314 th Revised Sheet No. 44	01/07/2021	0.47773	0.82518	0.33581	
315 th Revised Sheet No. 44	02/07/2021	0.53126	0.82518	0.35356	
316 th Revised Sheet No. 44	03/07/2021	0.59846	0.82518	0.34359	
317 th Revised Sheet No. 44	04/07/2021	0.72774	0.82518	0.28576	
318 th Revised Sheet No. 44	05/07/2021	0.72655	0.82518	0.24542	
319 th Revised Sheet No. 44	06/07/2021	0.60089	0.82518	0.23363	
320 th Revised Sheet No. 44	07/07/2021	0.38433	0.82518	0.24778	
321st Revised Sheet No. 44	08/07/2021	0.22534	0.82518	0.29989	
322 nd Revised Sheet No. 44	09/07/2021	0.35524	0.82518	0.28298	
323 rd Revised Sheet No. 44	10/07/2021	0.48103	0.82518	0.38913	
324 th Revised Sheet No. 44	11/07/2021	0.50701	0.86691	0.38410	
325 th Revised Sheet No. 44	12/07/2021	0.47500	0.86691	0.35690	





PGA Summaries: Nebraska

Purchased Gas Adjustments – 2020 (per therm)

MidAmerican Energy Company					
		Clause 1	Clause 2		
		Sm. & Med.	Large Volu	ıme Firm	
Revision No.	Effective Date	Volume Firm	Demand	Commodity	
302 nd Revised Sheet No. 44	01/07/2020	0.40716	0.91739	0.34954	
303 rd Revised Sheet No. 44	02/07/2020	0.38057	0.88849	0.32938	
304 th Revised Sheet No. 44	03/07/2020	0.41958	0.88849	0.30454	
305 th Revised Sheet No. 44	04/07/2020	0.50010	0.88849	0.33305	
306 th Revised Sheet No. 44	05/07/2020	0.56324	0.88849	0.35326	
307 th Revised Sheet No. 44	06/07/2020	0.58808	0.86130	0.32051	
308 th Revised Sheet No. 44	07/07/2020	0.62755	0.86130	0.39258	
309 th Revised Sheet No. 44	08/07/2020	0.62147	0.86130	0.30585	
310 th Revised Sheet No. 44	09/07/2020	0.42716	0.86130	0.33834	
311 th Revised Sheet No. 44	10/07/2020	0.42507	0.82518	0.38450	
312 th Revised Sheet No. 44	11/07/2020	0.48941	0.82518	0.40471	
313 th Revised Sheet No. 44	12/07/2020	0.46900	0.82518	0.39116	





PGA Summaries:

South Dakota





Purchased Gas Adjustments - 2025 (per therm)

South Dakota			
Effective Billing Date Small, Medium & Large Volume Firm			
04/07/2025	0.56432		
03/07/2025	0.54821		
02/07/2025	0.46707		
01/07/2025	0.51308		





Purchased Gas Adjustments - 2024 (per therm)

South Dakota			
Effective Billing Date	Small, Medium & Large Volume Firm		
12/07/2024	0.44867		
11/07/2024	0.37581		
10/07/2024	0.40972		
09/07/2024	0.41639		
08/07/2024	0.47094		
07/07/2024	0.53586		
06/07/2024	0.45658		
05/07/2024	0.36823		
04/07/2024	0.33164		
03/07/2024	0.35248		
02/07/2024	0.50513		
01/07/2024	0.46856		





Purchased Gas Adjustments - 2023 (per therm)

South Dakota				
Effective Billing Date	Small, Medium & Large Volume Firm			
12/07/2023	0.46466			
11/07/2023	0.44225			
10/07/2023	0.36692			
09/07/2023	0.38188			
08/07/2023	0.37546			
07/07/2023	0.40208			
06/07/2023	0.34230			
05/07/2023	0.33535			
04/07/2023	0.24935			
03/07/2023	0.31282			
02/07/2023	0.54526			
01/07/2023	0.75163			





Purchased Gas Adjustments - 2022 (per therm)

South Dakota			
Effective Billing Date	Small, Medium & Large Volume Firm		
12/07/2022	0.77990		
11/07/2022	0.62653		
10/07/2022	0.62244		
09/07/2022	0.96027		
08/07/2022	0.32006		
07/07/2022	0.34788		
06/07/2022	0.75963		
05/07/2022	0.64195		
04/07/2022	0.49215		
03/07/2022	0.41594		
02/07/2022	0.80962		
01/07/2022	0.85602		





Purchased Gas Adjustments - 2021 (per therm)

MidAmerican Energy Company				
Revision No.	Effective Date	Small, Medium & Large Volume Firm		
68th Revised Sheet No. 70	01/07/2021	0.32924		
69 th Revised Sheet No. 70	02/07/2021	0.42009		
70 th Revised Sheet No. 70	03/07/2021	0.82337		
71st Revised Sheet No. 70	04/07/2021	0.77223		
72 nd Revised Sheet No. 70	05/07/2021	0.78366		
73 rd Revised Sheet No. 70	06/07/2021	0.79527		
74 th Revised Sheet No. 70	07/07/2021	0.88963		
75 th Revised Sheet No. 70	08/07/2021	0.93748		
76th Revised Sheet No. 70	09/07/2021	0.97629		
77 th Revised Sheet No. 70	10/07/2021	1.17762		
78 th Revised Sheet No. 70	11/07/2021	1.19214		
No change in December, November 2021 PGA will remain in effect				





Purchased Gas Adjustments - 2020 (per therm)

MidAmerican Energy Company				
		Clause 1	Clause 3*	
		Small, Medium & Large Volume	Small & Large Volume	
Revision No.	Effective Date	Firm	Interruptible	
56 th Revised Sheet No. 70	01/07/2020	0.34834	0.00000	
57 th Revised Sheet No. 70	02/07/2020	0.31891	0.00000	
58 th Revised Sheet No. 70	03/07/2020	0.25647	0.00000	
59th Revised Sheet No. 70	04/07/2020	0.23705	0.00000	
60 th Revised Sheet No. 70	05/07/2020	0.24928	0.00000	
61st Revised Sheet No. 70	06/07/2020	0.17563	0.00000	
62 nd Revised Sheet No. 70	07/07/2020	0.18038	0.00000	
63 rd Revised Sheet No. 70	08/07/2020	0.17624	0.00000	
64 th Revised Sheet No. 70	09/07/2020	0.33471	0.00000	
65 th Revised Sheet No. 70	10/07/2020	0.30703	0.00000	
66th Revised Sheet No. 70	11/07/2020	0.38964	0.00000	
67 th Revised Sheet No. 70	12/07/2020	0.37573	0.00000	

* Effective March 1, 2006, Interruptible PGA Clause 3 has been replaced with daily market gas prices. The daily market gas price will be applied to customers' daily consumption. Daily market prices for the previous month are posted on the Rates section on the Internet under Supplemental Information – Gas: Interruptible Commodity.





Electric Gas





Supplemental Information – Electric

Iowa

- EAC Energy Adjustment Clause
- EECR/DRCR Energy Efficiency Cost Recovery and Demand Response Recovery
- LGC Local Government Compliance
- Private Generation
 - o Rate QF Capacity Credit
 - o Rate PG Cash-out Rates
- TERM Tax Expense Revision Mechanism
- TCA Transmission Cost Adjustment

Illinois

- EECR Energy Efficiency Cost Recovery
- EUA Electric Utility Assessment
- FAC Fuel Adjustment Clause
- ND Nuclear Decommissioning
- PE Purchased Electricity
 - o Retail Purchased SRPEC/NRPEC
 - o Purchased Electricity PEA
- PRE Purchased Power Renewable Energy Resources Recovery Adjustment
- PZE Purchased Power Zero Emission Resource Recovery Adjustment
- TERM Tax Expense Revision Mechanism
- TS Transmission Service
- UAE Electric Incremental Uncollectible Adjustment

South Dakota

- ECA Energy Cost Adjustment
- EECR Energy Efficiency Cost Recovery
- TERM Tax Expense Refund Mechanism
- TCR Transmission Cost Recovery



Iowa





Electric: Energy Adjustment Clause: Iowa Clause EAC

Following are the energy adjustment clause factors per kilowatt-hour applicable to electric bills in lowa:

Iowa				
Effective Billing Date	Rate			
September 27, 2024	\$0.00755 / kWh			
May 30, 2024	\$0.01103 / kWh			
May 31, 2023	\$0.01594 / kWh			
August 1, 2022	\$0.01765 / kWh			
June 1, 2022	\$0.00977 / kWh			
August 31 2021	\$0.00544 / kWh			
July 1, 2020	\$0.00775 / kWh			
April 2, 2019	\$0.00682 / kWh			
June 29, 2018	\$0.00252 / kWh			
March 2, 2018	\$0.00080 / kWh			
March 3, 2017	\$(0.00146) / kWh			
March 4, 2016	\$(0.00201) / kWh			
March 5, 2015	\$(0.00173) / kWh			
July 31, 2014	\$0.00014 / kWh			



Supplemental Information

Electric: Energy Efficiency Cost Recovery and Demand Response Recovery: Iowa Clause EECR

Following are the energy efficiency cost recovery and demand response recovery (DRCR) factors per kilowatt-hour applicable to electric bills in lowa:

Iowa						
(\$/kWh)						
Effective Bill	ing Date	Residential	Commercial/ Small	Industrial Large	Lighting	
211000110 2111	9 2 4 6 6	Tion a single	General Service	General Service		
May 30, 2024 -	EECR	\$0.00164	\$0.00075	\$0.00075	\$0.00004	
	DRCR	\$0.00102	\$0.00056	\$0.00056	NA	
May 31, 2023 -	EECR	\$0.00086	\$0.00073	\$0.00073	\$0.00002	
	DRCR	\$0.00054	\$0.00031	\$0.00031	NA	
June 1, 2022 -	EECR	\$0.00097	\$0.00088	\$0.00088	\$0.00006	
	DRCR	\$0.00057	\$0.00035	\$0.00035	NA	
June 2, 2021 -	EECR	\$0.00102	\$0.00090	\$0.00090	\$0.00025	
	DRCR	\$0.00059	\$0.00033	\$0.00033	NA	
June 2, 2020 -	EECR	\$0.00127	\$0.00093	\$0.00093	\$0.00027	
	DRCR	\$0.00054	\$0.00043	\$0.00043	NA	
December 31, 201	9 – EECR	\$(0.00022)	\$0.00114	\$0.00114	\$0.00022	
	DRCR	\$0.00043	\$0.00021	\$0.00021	NA	
Continued next page						





Electric: Energy Efficiency Cost Recovery and Demand Response Recovery: Iowa Clause EECR

Following are the energy efficiency cost recovery and demand response recovery (DRCR) factors per kilowatt-hour applicable to electric bills in lowa:

Iowa							
	(\$/kWh)						
Effective Billing Date	Residential	Commercial/ Small	Industrial Large	Lighting			
Lifective billing bate	Residential	General Service	General Service	Lighting			
May 31, 2019	\$0.00021	\$0.00135	\$0.00135	\$0.00022			
May 31, 2018	\$0.00599	\$0.00411	\$0.00411	\$0.00018			
June 1, 2017	\$0.00675	\$0.00445	\$0.00445	\$0.00015			
June 2, 2016	\$0.00597	\$0.00311	\$0.00311	\$0.00015			
July 31, 2015	\$0.00483	\$0.00254	\$0.00254	\$0.00015			
June 3, 2015	\$0.00568	\$0.00159	\$0.00159	\$0.00015			
July 31, 2014	\$0.00479	\$0.00340	\$0.00340	\$0.00013			



Supplemental Information

Electric: Local Government Compliance: Iowa Clause LGC

Following is the local government compliance factor per kilowatt-hour applicable to electric bills in Waukee, Iowa:

Iowa				
Effective Billing Date	Rate			
Waukee				
October 28, 2024	\$0.00000 / kWh			
September 27, 2024	\$(0.00549) / kWh			
June 28, 2024	\$0.00000 / kWh			
June 29, 2023	\$0.00659 / kWh			
March 31, 2023	\$0.00000 / kWh			
April 1, 2022	\$0.00162 / kWh			



Iowa Private Generation

Rate QF Capacity Credit Rate PG Cash-out Rates





Electric: Iowa Rate QF - Capacity Credit

	IA Rate QF - Capacity Credit - Effective June 2024 - September 2024						
Rates	MISO Zone 3 Capacity Auction Clearing Price - updated each year in mid-May \$/MW-Day	MISO Zone 3 Capacity Auction Clearing Price - adjusted to a monthly basis \$/KW	Transmission Loss Factor as posted with MISO - updated each year for June - May planning year	Distribution - Capacity Loss Factors - IA electric tariff Sheet No. 345.50	Adjusted Auction Clearing Price \$/KW		
RS, RST, GE, GET, GD, GDT, MWP, TC, SL and AL	\$20.08	\$1.83	2.80%	8.36%	\$2.04		
LS and LST	\$20.08	\$1.83	2.80%	6.15%	\$2.00		
SS, SST and ICR	\$20.08	\$1.83	2.80%	3.01%	\$1.94		

Link and path to MISO Zone 3 Capacity Auction Clearing Price and Transmission Loss Factor:

https://www.misoenergy.org

Planning / Resource Adequacy / PRA Documents / [applicable planning year] 2024 Planning Resource Auction (PRA) Results.pdf 2024 2025 Transmission Losses.pdf

Link to real-time MISO's Real-time Locational Marginal Prices for energy credit:

https://www.misoenergy.org/markets-and-operations/real-time--market-data/market-reports/#nt=%2FMarketReportType%3AHistorical%20LMP%2FMarketReportName%3AReal-Time%20Final%20Market%20LMPs%20(csv)&t=10&p=0&s=MarketReportPublished&sd=desc





Electric: Iowa Rate PG Pilot - Cash-out Rates - \$/kWh

Following are the cash-out rates per kilowatt-hour applicable to customers on Rate PG PILOT - Net Billing Of Private Generation Facilities Pilot in Iowa:

lowa						
	Generation Source					
			(\$/kWh)			
Effective Billing Date	Solar	Wind	50% Solar / 50% Wind	75% Solar / 25% Wind	25% Solar / 75% Wind	
December 15, 2024	\$0.02415	\$0.01955	\$0.02185	\$0.02300	\$0.02070	
December 15, 2023	\$0.03061	\$0.02689	\$0.02875	\$0.02968	\$0.02782	
December 15, 2022	\$0.05451	\$0.03636	\$0.04544	\$0.04997	\$0.04090	
December 15, 2021	\$0.03296	\$0.02727	\$0.03012	\$0.03154	\$0.02869	
December 15, 2020	\$0.02123	\$0.01728	\$0.01926	\$0.02024	\$0.01827	
December 15, 2019	\$0.02559	\$0.02356	\$0.02458	\$0.02508	\$0.02407	
December 15, 2018	\$0.03056	\$0.02653	\$0.02855	\$0.02955	\$0.02754	
February 6, 2018	\$0.02867	\$0.02404	\$0.02646	\$0.02756	\$0.02535	



Supplemental Information

Electric: Tax Expense Revision Mechanism: Iowa Clause TERM

Following are the tax expense revision mechanism factors per kilowatt-hour applicable to electric bills in lowa:

	Iowa					
Effective Billing Date	RS, RST (\$/kWh)	GE, GET GD, GDT, MWP, TC (\$/kWh)	LS, LST, SS, SST (\$/kWh)	ICR (\$/kWh)	SL, AL (\$/kWh)	
April 1, 2025	\$(0.00081)	\$(0.00058)	\$(0.00038)	\$(0.00020)	\$(0.00217)	
April 1, 2024	\$(0.00099)	\$(0.00065)	\$(0.00057)	\$(0.00043)	\$(0.00346)	
March 31, 2023	\$(0.00516)	\$(0.00396)	\$(0.00304)	\$(0.00248)	\$(0.01414)	
April 1, 2022	\$(0.00314)	\$(0.00247)	\$(0.00187)	\$(0.00157)	\$(0.00746)	
April 2, 2021	\$(0.00187)	\$(0.00155)	\$(0.00125)	\$(0.00098)	\$(0.00342)	
April 2, 2020	\$(0.00201)	\$(0.00162)	\$(0.00144)	\$(0.00110)	\$(0.00527)	
April 2, 2019	\$(0.00537)	\$(0.00450)	\$(0.00363)	\$(0.00328)	\$(0.01168)	
May 1, 2018	\$(0.00391)	\$(0.00343)	\$(0.00288)	\$(0.00267)	\$(0.00483)	



Supplemental Information

Electric: Transmission Cost Adjustment: Iowa Clause TCA

Following are the transmission cost adjustment factors applicable to electric bills in lowa:

				Iowa				
Effective	RS, RST,	CF CFT	CD CDT	DAP, LS, LST, SS,	TCD	TC	MWD	Lighting
Effective Billing Date	RMS (\$/kWh) ¹	GE, GET (\$/kWh) ²	GD, GDT (\$/kW)³	SST (\$/kW)	ICR (\$/kW)	TC (\$/kWh)	MWP (\$/kWh)	SL, AL (\$/kWh)
April 1, 2025	\$0.00335	\$0.00271	\$1.24	\$1.01	\$1.03	\$0.00199	\$0.00183	\$0.00033
April 30, 2024	\$0.00321	\$0.00252	\$1.18	\$1.00	\$0.98	\$0.00182	\$0.00149	\$0.00057
May 31, 2023	\$0.00233	\$0.00211	\$0.92	\$0.90	\$0.85	\$0.00160	\$0.00114	\$0.00007
April 1, 2022	\$0.00278	\$0.00218	\$0.98	\$0.99	\$0.90	\$0.00203	\$0.00207	\$0.00112
April 2, 2021	\$0.00271	\$0.00238	\$0.98	\$0.98	\$0.84	\$0.00175	\$0.00156	\$0.00092
April 2, 2020	\$0.00259	\$0.00221	\$0.87	\$0.93	\$0.91	\$0.00149	\$0.00184	\$0.00080
April 2, 2019	\$0.00183	\$0.00193	\$0.67	\$0.72	\$0.59	\$0.00140	\$0.00099	\$0.00062
April 2, 2018	\$0.00237	\$0.00205	\$0.72	\$0.71	\$0.26	\$0.00140	\$0.00164	\$0.00121
May 2, 2017	\$0.00189	\$0.00185	\$0.66	\$0.66	\$0.90	\$0.00139	\$0.00143	\$0.00071
April 3, 2017	\$0.00144	\$0.00142	\$0.51	\$0.51	\$0.67	\$0.00109	\$0.00112	\$0.00055
April 4, 2016	\$0.00195	\$0.00163	\$0.69	\$0.51	\$0.60	\$0.00089	\$0.00091	\$0.00072
April 3, 2015	\$0.00120	\$0.00093	\$0.38	\$0.33	\$0.31	\$0.00069	\$0.00065	\$0.00046
July 31, 2014	\$0.00082	\$0.00066	\$0.22	\$0.24	\$0.27	\$0.00047	\$0.00050	\$0.00039

¹Prior to July 31, 2015 also included rates RTN and RTS

²Prior to July 31, 2015 also included rates GUN and GUS

³Prior to July 31, 2015 also included rate GD3



Illinois





Electric: Energy Efficiency Cost Recovery: Illinois Rider EECR

Following are the energy efficiency cost recovery factors per kilowatt-hour applicable to electric bills in Illinois:

Illinois						
(\$/kWh)						
Effective Billing Date	Residential	Commercial/ Small General Service	Industrial Large General Service	Lighting		
April 1, 2025	\$0.00187	\$0.00118	\$0.00118	\$0.00000		
December 31, 2024	\$0.00283	\$0.00348	\$0.00348	\$0.00000		
April 1, 2024	\$0.00189	\$0.00245	\$0.00245	\$0.00000		
December 29, 2023	\$0.00266	\$0.00322	\$0.00322	\$0.00000		
March 31, 2023	\$0.00121	\$0.00166	\$0.00166	\$0.00000		
December 30, 2022	\$0.00203	\$0.00229	\$0.00229	\$0.00000		
April 1, 2022	\$0.00129	\$0.00131	\$0.00131	\$0.00000		
December 31, 2021	\$0.00209	\$0.00226	\$0.00226	\$0.00000		
April 2, 2021	\$0.00170	\$0.00154	\$0.00154	\$0.00000		
December 31, 2020	\$0.00206	\$0.00221	\$0.00221	\$0.00000		
April 2, 2020	\$0.00016	\$(0.00006)	\$(0.00006)	\$0.00000		
January 1, 2020	\$0.00205	\$0.00223	\$0.00223	\$0.00000		
December 31, 2019	\$0.00205	\$0.00023	\$0.00023	\$0.00000		
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Electric: Energy Efficiency Cost Recovery: Illinois Rider EECR

Following are the energy efficiency cost recovery factors per kilowatt-hour applicable to electric bills in Illinois:

Illinois						
(\$/kWh)						
Effective Billing Date	Residential	Commercial/ Small	Industrial Large	Lighting		
Effective Billing Bate	Residential	General Service	General Service	Ligiting		
April 2, 2019	\$0.00168	\$0.00096	\$0.00096	\$0.00000		
January 2, 2019	\$0.00386	\$0.00404	\$0.00404	\$0.00000		
April 2, 2018	\$0.00413	\$0.00364	\$0.00364	\$0.00000		
January 2, 2018	\$0.00462	\$0.00542	\$0.00542	\$0.00000		
April 3, 2017	\$0.00541	\$0.00389	\$0.00389	\$0.00000		
January 3, 2017	\$0.00451	\$0.00539	\$0.00539	\$0.00000		
April 4, 2016	\$0.00548	\$0.00338	\$0.00338	\$0.00000		
January 4, 2016	\$0.00420	\$0.00507	\$0.00507	\$0.00000		
April 3, 2015	\$0.00338	\$0.00212	\$0.00212	\$0.00000		
February 3, 2015	\$0.00406	\$0.00436	\$0.00436	\$0.00000		
Usage on/after December 1, 2014	\$0.00315	\$0.00327	\$0.00327	\$0.00000		
Usage before December 1, 2014	\$0.00315	\$0.00315	\$0.00315	\$0.00000		
April 2, 2014	\$0.00315	\$0.00315	\$0.00315	\$0.00000		
January 2, 2014	\$0.00392	\$0.00333	\$0.00333	\$0.00000		
April 2, 2013	\$0.00092	\$0.00177	\$0.00177	\$0.00000		
February 1, 2013	\$0.00152	\$0.00128	\$0.00128	\$0.00000		
April 2, 2012	\$0.00140	\$0.00110	\$0.00110	\$0.00000		
January 3, 2012	\$0.00178	\$0.00147	\$0.00147	\$0.00000		
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Electric: Energy Efficiency Cost Recovery: Illinois Rider EECR

Following are the energy efficiency cost recovery factors per kilowatt-hour applicable to electric bills in Illinois:

Illinois					
		(\$/kWh)			
Effective Billing Date	Residential	Commercial/ Small General Service	Industrial Large General Service	Lighting	
April 4, 2011	\$0.00154	\$0.00166	\$0.00166	\$0.00000	
January 3, 2011	\$0.00183	\$0.00178	\$0.00178	\$0.00000	
April 5, 2010	\$0.00212	\$0.00100	\$0.00100	\$0.00000	
January 4, 2010	\$0.00224	\$0.00144	\$0.00144	\$0.00000	
September 30, 2009	\$0.00186	\$0.00057	\$0.00057	\$0.00000	
April 3, 2009	\$0.00149	\$0.00057	\$0.00057	\$0.00000	
January 2, 2009	\$0.00162	\$0.00107	\$0.00107	\$0.00000	
June 1, 2008	\$0.00137	\$0.00121	\$0.00121	\$0.00000	





Electric: Electric Utility Assessment: Illinois Rider EUA

Following are the electric utility assessment charges applicable to electric bills in Illinois:

		Illinois		
Effective Billing		GE, GD, GET, GDT,		
Date	RS, RST, RSR	GER, GDR	LST, VLT, LSR, VLR	AL, SL, ALR, SLR
July 30, 2024	\$0.02	\$0.11	\$19.84	\$0.01
July 31, 2023	\$0.03	\$0.09	\$17.54	\$0.01
August 1, 2022	\$0.02	\$0.09	\$12.62	\$0.02
August 2, 2021	\$0.05	\$0.20	\$42.07	\$0.03
July 30, 2020	\$0.02	\$0.10	\$14.33	\$0.01
July 31, 2019	\$0.03	\$0.10	\$20.40	\$0.02
November 29, 2018	\$0.08	\$0.39	\$85.53	\$(0.13)
May 31, 2018	\$0.08	\$0.39	\$85.53	\$0.41





Fuel Adjustment Clause





Electric: Fuel Adjustment Clause: Illinois Rider FAC

Illinois					
Billing Month - Effective Billing Date	Fuel Adjustment Clause \$/kWh				
May – April 30, 2025	\$0.00773				
April – April 1, 2025	\$0.01404				
March – March 3, 2025	\$0.01276				
February – January 31, 2025	\$0.01832				
January – December 31, 2024	\$0.01286				





Electric: Fuel Adjustment Clause: Illinois Rider FAC

Illinois	
Billing Month - Effective Billing Date	Fuel Adjustment Clause \$/kWh
December - November 26, 2024	\$0.00234
November – October 28, 2024	\$0.00368
October - September 27, 2024	\$0.00631
September – August 28, 2024	\$0.01394
August – July 30, 2024	\$0.01491
July – June 28, 2024	\$0.01489
June – May 30, 2024	\$0.00531
May - April 30, 2024	\$0.00484
April - April 1, 2024	\$0.00030
March - March 1, 2024	\$0.01103
February - January 31, 2024	\$0.01285
January – December 29, 2023	\$0.00971





Electric: Fuel Adjustment Clause: Illinois Rider FAC

Illinoi	Illinois					
Billing Month - Effective Billing Date	Fuel Adjustment Clause \$/kWh					
December - November 29, 2023	\$0.00653					
November – October 27, 2023	\$0.01146					
October - September 28, 2023	\$0.01319					
September - August 29, 2023	\$0.01420					
August - July 31, 2023	\$0.01357					
July – June 29, 2023	\$0.01647					
June – May 31, 2023	\$0.00968					
May - May 1, 2023	\$0.01103					
April – March 31, 2023	\$0.00314					
March - March 2, 2023	\$0.00789					
February – February 1, 2023	\$0.01991					
January – December 30, 2022	\$0.01122					





Electric: Fuel Adjustment Clause: Illinois Rider FAC

Illinois					
Billing Month - Effective Billing Date	Fuel Adjustment Clause \$/kWh				
December - November 30, 2022	\$0.00767				
November - October 28, 2022	\$0.01380				
October - September 29, 2022	\$0.01631				
September – August 30, 2022	\$0.01542				
August - August 1, 2022	\$0.00951				
July – June 30, 2022	\$0.00737				
June - June 1, 2022	\$0.00686				
May - May 2, 2022	\$0.01241				
April - April 1, 2022	\$0.00761				
March - March 3, 2022	\$0.01035				
February – February 2, 2022	\$0.00870				
January – December 31, 2021	\$0.01484				





Supplemental Information Fuel Adjustment Clause: 2021 Illinois Retail FAC

Following are the electric fuel adjustment clause factors per kilowatt-hour applicable to electric bills in Illinois:

Billing Month	2021 Fuel Adjustment Clause \$/kWh		
December	\$0.01110		
November	\$0.01352		
October	\$0.01186		
September	\$0.01503		
August	\$0.01256		
July	\$0.01201		
June	\$0.01138		
May	\$0.01263		
April	\$0.01101		
March	\$0.01002		
February	\$0.00208		
January	\$0.00658		



Supplemental Information Fuel Adjustment Clause: 2020 Illinois Retail FAC

Following are the electric fuel adjustment clause factors per kilowatt-hour applicable to electric bills in Illinois:

Billing Month	2020 Fuel Adjustment Clause \$/kWh			
January	\$0.01279			
February	\$0.00409			
March	\$0.00761			
April	\$0.00528			
May	\$0.00722			
June	\$0.00603			
July	\$0.00705			
August	\$0.00563			
September	\$0.00914			
October	\$0.00789			
November	\$0.00645			
December	\$0.00681			



Supplemental Information

Electric: Nuclear Decommissioning: Illinois Rider ND

Following is the nuclear decommissioning factor per kilowatt-hour applicable to electric bills in Illinois:

Docket No.	Proposed Effective Date	Status	Rate Cents/kWh	Effective Billing Date	Amount	Station
Compliance	01/01/2024	Settled	0.00	01/01/2024	\$0.00	
Compliance	01/01/2021	Settled	0.00	01/01/2021	\$0.00	
Compliance	01/01/2018	Settled	0.00	01/01/2018	\$0.00	
Compliance	01/01/2015	Settled	0.00	01/01/2015	\$0.00	
Compliance	01/01/2012	Settled	0.00	01/01/2012	\$0.00	
Compliance	01/01/2009	Settled	0.00	01/01/2009	\$0.00	
05-0327	07/01/2006	Settled	0.00	07/01/2006	\$0.00	
05-0327	01/01/2006	Settled	(0.015)	01/01/2006	\$(132,192)	QC & Cooper
98-0757 and 99-0577 Con.	05/31/2004	Settled	0.00	05/31/2004	\$0.00	
98-0757 and 99-0577 Con.	05/31/2003	Settled	(0.07)	05/31/2003	\$(1,360,783)	QC & Cooper
02-0527	08/29/2002	Settled	0.00	08/29/2002	\$0.00	
97-0569	01/01/1998	Settled	0.03	09/01/1999	\$419,248	Cooper Only
96-0577	01/01/1997	Settled	0.19	10/31/1997	\$3,110,000	QC Only
95-0285	01/01/1996	Settled	0.19	11/08/1996	\$3,018,000	QC Only
94-0439	01/01/1995	Settled	0.21		\$3,230,000	QC Only





Purchased Electricity





Electric: Purchased Electricity-Retail Purchased Electricity Charge Factors: Illinois Rider PE

Following are the retail purchased electricity charge factors per kilowatt-hour applicable to electric bills in Illinois:

Illinois								
Effective Date	RS, RST (\$/kWh) SRPEC/ NRPEC	GE, GET (\$/kWh) SRPEC/ NRPEC	GD, GDT (\$/kWh) SRPEC/ NRPEC	LST (\$/kWh) SRPEC/ NRPEC	VLT (\$/kWh) SRPEC/ NRPEC	SL, AL (\$/kWh) SRPEC/ NRPEC		
5/30/2024	\$(0.00052)/	\$(0.00043)/	\$(0.00049)/	\$(0.00049)/	\$(0.00053)/	\$(0.00090)/		
	\$(0.00121)	\$(0.00124)	\$(0.00122)	\$(0.00120)	\$(0.00116)	\$(0.00114)		
5/31/2023	\$0.00125/	\$0.00154/	\$0.00134/	\$0.00131/	\$0.00110/	\$(0.00002)/		
	\$(0.00604)	\$(0.00611)	\$(0.00608)	\$(0.00597)	\$(0.00582)	\$(0.00591)		
6/01/2022	\$0.01345/	\$0.01533/	\$0.01405/	\$0.01373/	\$0.01229/	\$0.00533/		
	\$0.00362	\$0.00369	\$0.00366	\$0.00360	\$0.00350	\$0.00348		
6/02/2021	\$0.00014/	\$0.00026/	\$0.00018/	\$0.00017/	\$0.00009/	\$ <mark>(0.00037)</mark> /		
	\$0.00894	\$0.00909	\$0.00901	\$0.00886	\$0.00862	\$0.00864		
6/02/2020	\$0.00392/	\$0.00433/	\$0.00405/	\$0.00397/	\$0.00363/	\$0.00215/		
	\$0.00703	\$0.00714	\$0.00709	\$0.00697	\$0.00678	\$0.00681		
5/31/2019	\$ <mark>(0.00040)</mark> /	\$ <mark>(0.00029)</mark> /	\$ <mark>(0.00036)</mark> /	\$ <mark>(0.00036)</mark> /	\$(0.00043)/	\$(0.00091)/		
	\$0.00360	\$0.00366	\$0.00363	\$0.00357	\$0.00347	\$0.00347		
5/31/2018	\$0.00099/	\$0.00087/	\$0.00096/	\$0.00094/	\$0.00100/	\$0.00152/		
	\$0.00009	\$0.00010	\$0.00009	\$0.00009	\$0.00009	\$0.00007		
8/30/2017	\$0.00152/	\$0.00110/	\$0.00139/	\$0.00138/	\$0.00161/	\$0.00334/		
	\$0.00643	\$0.00677	\$0.00660	\$0.00650	\$0.00623	\$0.00573		
Continued next page								

SRPEC is effective with bills rendered in June, July, August and September NRPEC is effective with bills rendered in January, February, March, April, May, October, November and December





Electric: Purchased Electricity-Retail Purchased Electricity Charge Factors: Illinois Rider PE

Illinois							
	RS, RST (\$/kWh)	GE, GET (\$/kWh)	GD, GDT (\$/kWh)	LST (\$/kWh)	VLT (\$/kWh)	SL, AL (\$/kWh)	
Effective	SRPEC/	SRPEC/	SRPEC/	SRPEC/	SRPEC/	SRPEC/	
Date	NRPEC	NRPEC	NRPEC	NRPEC	NRPEC	NRPEC	
8/01/2017	\$0.00444/	\$0.00421/	\$0.00437/	\$0.00430/	\$0.00435/	\$0.00543/	
8/01/2017	\$0.01292	\$0.01323	\$0.01308	\$0.01286	\$0.01248	\$0.01229	
6/01/2017	\$0.01234/	\$0.01268/	\$0.01245/	\$0.01222/	\$0.01176/	\$0.01088/	
0/01/2017	\$0.01611	\$0.01646	\$0.01629	\$0.01602	\$0.01555	\$0.01538	
9/30/2016	\$(0.00185)/	\$(0.00202)/	\$(0.00191)/	\$(0.00187)/	\$(0.00172)/	\$(0.00113)/	
9/30/2010	\$(0.00090)	\$(0.00088)	\$(0.00089)	\$(0.00088)	\$(0.00087)	\$(0.00094)	
8/02/2016	\$(0.00185)/	\$(0.00202)/	\$(0.00191)/	\$(0.00187)/	\$(0.00172)/	\$(0.00113)/	
0/02/2010	\$(0.00088)	\$(0.00093)	\$(0.00091)	\$(0.00090)	\$(0.00086)	\$(0.00078)	
6/02/2016	\$(0.00186)/	\$(0.00203)/	\$(0.00192)/	\$(0.00188)/	\$(0.00173)/	\$(0.00114)/	
0/02/2010	\$(0.00090)	\$(0.00095)	\$(0.00092)	\$(0.00091)	\$(0.00087)	\$(0.00079)	
	\$0.00000/	\$0.00000/	\$0.00000/	\$0.00000/	\$0.00000/	\$0.00000/	
4/21/2016	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	

SRPEC is effective with bills rendered in June, July, August and September NRPEC is effective with bills rendered in January, February, March, April, May, October, November and December





Purchased Electricity Adjustment





Electric: Purchased Electricity: Illinois Rider PE

Illinois					
Billing Month – Effective Billing Date	Purchased Electricity Adjustment Factor \$/kWh				
May - April 30, 2025	\$(0.00247)				
April - April 1, 2025	\$(0.00260)				
March - March 3, 2025	\$(0.00134)				
February - January 31, 2025	\$(0.00174)				
January - December 31, 2024	\$0.00074				





Electric: Purchased Electricity: Illinois Rider PE

Illinois					
Billing Month – Effective Billing Date	Purchased Electricity Adjustment Factor \$/kWh				
December - November 26, 2024	\$0.00221				
November - October 28, 2024	\$0.00307				
October - September 27, 2024	\$0.00488				
September - August 28, 2024	\$0.00433				
August – July 30, 2024	\$0.00427				
July – June 28, 2024	\$0.00359				
June – May 30, 2024	\$0.00515				
May - April 30, 2024	\$0.00425				
April – April 1, 2024	\$0.00707				
March - March 1, 2024	\$0.00202				
February – January 31, 2024	\$(0.00286)				
January - December 29, 2023	\$(0.00582)				





Electric: Purchased Electricity: Illinois Rider PE

Illin	nois
Billing Month – Effective Billing Date	Purchased Electricity Adjustment Factor \$/kWh
December – November 29, 2023	\$(0.00413)
November – October 27, 2023	\$(0.00312)
October - September 28, 2023	\$(0.00702)
September – August 29, 2023	\$(0.00144)
August – July 31, 2023	\$(0.00114)
July – June 29, 2023	\$(0.00184)
June - May 31, 2023	\$(0.00085)
May - May 1, 2023	\$(0.00093)
April – March 31, 2023	\$(0.00226)
March - March 2, 2023	\$(0.00262)
February – February 1, 2023	\$(0.00320)
January - December 30, 2022	\$(0.00720)





Electric: Purchased Electricity: Illinois Rider PE

Illinois				
Billing Month - Effective Billing Date	Purchased Electricity Adjustment Factor \$/kWh			
December - November 30, 2022	\$(0.00289)			
November – October 28, 2022	\$(0.00276)			
October - September 29, 2022	\$(0.00086)			
September – August 30, 2022	\$(0.00093)			
August - August 1, 2022	\$(0.00139)			
July – June 30, 2022	\$(0.00159)			
June - June 1, 2022	\$(0.00134)			
May - May 2, 2022	\$(0.00048)			
April - April 1, 2022	\$(0.00126)			
March - March 3, 2022	\$(0.00190)			
February - February 2, 2022	\$(0.00269)			
January - December 31, 2021	\$(0.00177)			





Purchased Electricity: 2021 Illinois Rider PE

Billing Month	2021 Purchased Electricity Adjustment Factor \$/kWh
January	\$0.00052
February	\$0.00048
March	\$0.00137
April	\$0.00137
May	\$0.00134
June	\$0.00208
July	\$0.00059
August	\$0.00002
September	\$(0.00180)
October	\$(0.00199)
November	\$(0.00348)
December	\$(0.00179)



Supplemental Information Purchased Electricity: 2020 Illinois Rider PE

Billing Month	2020 Purchased Electricity Adjustment Factor \$/kWh
January	\$0.00510
February	\$0.00714
March	\$0.00377
April	\$0.00344
May	\$0.00492
June	\$0.00524
July	\$0.00525
August	\$0.00444
September	\$0.00631
October	\$0.00480
November	\$0.00117
December	\$0.00125





Electric: Purchased Power Renewable Energy Resources Recovery Adjustment: Illinois Rider PRE

Following are the purchased power renewable energy resources recovery adjustment factors per kilowatt-hour applicable to electric bills in Illinois:

Illinois						
Effective Billing Date	Supply RS, GE, GD, LST, VLT, SL, AL, RST, GET and GDT	Delivery RSR, GER, GDR, LSR, VLR, SLR and ALR				
December 31, 2024	\$0.00181	\$0.00181				
July 30, 2024	\$0.00316	\$0.00316				
May 30, 2024	\$0.00316	\$0.00316				
May 31, 2023	\$0.00034	\$0.00034				
June 1, 2022	\$0.00041	\$0.00041				
June 2, 2021	\$0.00034	\$0.00034				
June 2, 2020 \$(0.00008)		\$(0.00008)				
August 29, 2019	\$(0.00001)	\$(0.00001)				
May 31, 2019	\$(0.00002)	\$(0.00002)				
October 29, 2018	\$(0.00061)	\$(0.00044)				
May 31, 2018	\$0.00009	\$0.00007				
August 30, 2017	\$0.00039	\$0.00005				
June 1, 2017	\$0.00039	\$0.00062				





Electric: Purchased Power Zero Emission Resource Recovery Adjustment: Illinois Rider PZE

Following is the purchased power zero emission resource recovery adjustment factor per kilowatt-hour applicable to electric bills in Illinois:

	Illinois
Effective Billing Date	Rate
May 30, 2024	\$0.00014 / kWh
May 31, 2023	\$0.00014 / kWh
June 1, 2022	\$0.00014 / kWh
June 2, 2021	\$0.00012 / kWh
June 2, 2020	\$0.00014 / kWh
May 31, 2019	\$0.00014 / kWh
May 31, 2018	\$0.00011 / kWh
October 30, 2017	\$(0.00044) / kWh
June 1, 2017	\$0.00092 / kWh



Supplemental Information

Electric: Tax Expense Revision Mechanism: Illinois Rider TERM

Following are the tax expense revision mechanism factors applicable to electric bills in Illinois:

Illinois								
			GE, GET					
Effective	RS, RST	RSR	GD, GDT	GER, GDR	LST, VLT	LSR, VLR	SL, AL	SLR, ALR
Billing Date	(\$/kWh)	(\$/kWh)	(\$/kWh)	(\$/kWh)	(\$/kWh)	(\$/kW)	(\$/kWh)	(\$/kWh)
April 1, 2024	\$(0.00445)	\$(0.00229)	\$(0.00301)	\$(0.00125)	\$(0.00185)	\$(0.00042)	\$(0.00586)	\$(0.00497)
March 31, 2023	\$(0.00408)	\$(0.00210)	\$(0.00275)	\$(0.00114)	\$(0.00163)	\$(0.00037)	\$(0.00594)	\$(0.00503)
April 1, 2022	\$(0.00493)	\$(0.00303)	\$(0.00356)	\$(0.00134)	\$(0.00201)	\$(0.00089)	\$(0.00803)	\$(0.00583)
April 2, 2021	\$(0.00547)	\$(0.00327)	\$(0.00386)	\$(0.00128)	\$(0.00194)	\$(0.00089)	\$(0.00915)	\$(0.00537)
April 2, 2020	\$(0.00509)	\$(0.00290)	\$(0.00352)	\$(0.00102)	\$(0.00212)	\$(0.00151)	\$(0.00821)	\$(0.00467)
April 2, 2019	\$(0.00474)	\$(0.00144)	\$(0.00324)	\$(0.00056)	\$(0.00179)	\$(0.00007)	\$(0.00754)	\$(0.00486)
April 2, 2018	\$(0.00535)	\$(0.00505)	\$(0.00354)	\$(0.00175)	\$(0.00192)	\$(0.00148)	\$(0.00759)	\$(0.00718)





Transmission Service Illinois Only





Electric: Transmission Service: Illinois Rider TS

Illinois						
			Credits Under Rate NEM and Rate NMS			
		Billing Date L, 2025	Effective Billing Date April 1, 2025			
Rates	\$/kWh	\$/kW	\$/kWh*			
RS, RST	\$0.01412	n/a	\$(0.01412)			
GE, GET	\$0.01309	n/a	\$(0.01309)			
GD, GDT	n/a	\$2.67	\$(0.00582)			
LST	n/a	\$3.80	\$(0.00803)			
VLT	n/a	\$5.13	\$(0.01014)			
SL, AL	\$0.00150	n/a	\$(0.00150)			

^{*}Credits are used to calculate the compensation associated with excess energy generation provide by an eligible Customer to the Company under Rate NEM and Rate NMS, as applicable.





Electric: Transmission Service: Illinois Rider TS

Illinois					
			Credits Under Rate NEM and Rate NMS		
		Billing Date L, 2024	Effective Billing Date April 1, 2024		
Rates	\$/kWh	\$/kW	\$/kWh*		
RS, RST	\$0.01175	n/a	\$(0.01175)		
GE, GET	\$0.01045	n/a	\$(0.01045)		
GD, GDT	n/a	\$6.02	\$(0.01317)		
LST	n/a	\$4.06	\$(0.00840)		
VLT	n/a	\$4.51	\$(0.00871)		
SL, AL	\$0.00262	n/a	\$(0.00262)		

^{*}Credits are used to calculate the compensation associated with excess energy generation provide by an eligible Customer to the Company under Rate NEM and Rate NMS, as applicable.



Supplemental Information

Electric: Transmission Service: Illinois Rider TS

	Illinois					
			Credits Under Rate NEM and Rate NMS			
		Billing Date B1, 2023	Effective Billing Date March 31, 2023			
Rates	\$/kWh	\$/kW	\$/kWh*			
RS, RST	\$ 0.00985	n/a	\$ (0.00985)			
GE, GET	\$ 0.00946	n/a	\$ (0.00946)			
GD, GDT	n/a	\$ 8.10	\$ (0.01755)			
LST	n/a	\$ 3.92	\$ (0.00801)			
VLT	n/a	\$ 3.25	\$ (0.00583)			
SL, AL	\$ 0.00069	n/a	\$ (0.00069)			

^{*}Credits are used to calculate the compensation associated with excess energy generation provide by an eligible Customer to the Company under Rate NEM and Rate NMS, as applicable.



Supplemental Information

Electric: Transmission Service: Illinois Rider TS

		Illinois	
			Credits Under Rate NEM and Rate NMS
		Billing Date 1, 2022	Effective Billing Date April 1, 2022
Rates	\$/kWh	\$/kW	\$/kWh*
RS, RST	\$ 0.01090	n/a	\$ (0.01090)
GE, GET	\$ 0.00929	n/a	\$ (0.00929)
GD, GDT	n/a	\$11.76	\$ (0.02532)
LST	n/a	\$ 3.66	\$ (0.00738)
VLT	n/a	\$ 4.23	\$ (0.00763)
SL, AL	\$ 0.00446	n/a	\$ (0.00446)

^{*}Credits are used to calculate the compensation associated with excess energy generation provide by an eligible Customer to the Company under Rate NEM and Rate NMS, as applicable.



Supplemental Information

Electric: Transmission Service: Illinois Rider TS

		Illinois	
			Credits Under
			Rate NEM and Rate NMS
		Billing Date 2, 2021	Effective Billing Date January 13, 2022
Rates	\$/kWh	\$/kW	\$/kWh*
	•		·
RS, RST	\$ 0.01157	n/a	\$ (0.01157)
GE, GET	\$ 0.01094	n/a	\$ (0.01094)
GD, GDT	n/a	\$10.52	\$ (0.02276)
LST	n/a	\$ 3.71	\$ (0.00771)
VLT	n/a	\$ 3.36	\$ (0.00646)
SL, AL	\$ 0.00386	n/a	\$ (0.00386)

^{*}Credits are used to calculate the compensation associated with excess energy generation provide by an eligible Customer to the Company under Rate NEM and Rate NMS, as applicable.



Supplemental Information

Electric: Transmission Service: Illinois Rider TS

Illinois							
Effective Billing Date	RS, RST (\$/kWh)	GE, GET (\$/kWh)	GD, GDT (\$/kW)	LST (\$/kW)	VLT (\$/kW)	SL, AL (\$/kWh)	
April 2, 2020	\$0.01021	\$0.00825	\$10.87	\$3.39	\$3.21	\$0.00354	
April 2, 2019	\$0.00725	\$0.00705	\$5.80	\$3.09	\$3.44	\$0.00128	
April 2, 2018	\$0.00959	\$0.00435	\$5.88	\$4.50	\$2.43	\$0.00333	
April 3, 2017	\$0.00869	\$0.00585	\$4.89	\$4.23	\$3.29	\$0.00304	
April 4, 2016	\$0.01056	\$0.00480	\$3.13	\$4.24	\$2.46	\$0.00493	
April 3, 2015	\$0.00772	\$0.00623	\$2.38	\$2.30	\$2.66	\$0.00313	
December 1, 2014	\$0.00745	\$0.00640	\$2.29	\$2.14	\$2.42	\$0.00308	





Electric Incremental Uncollectible Adjustment Illinois Only





Electric: Electric Incremental Uncollectible Adjustment: Illinois Rider UAE

Illinois					
Effective Billing Date	Class Designation by Service Type	Rates	IDUA Factor (Monthly Delivery Charge)	ISUA Factor (Monthly Supply Charge)	Total Monthly Adjustment
May 30, 2024	Residential	RS, RST	\$ 0.08	\$ 0.13	\$ 0.21
	Residential - Delivery				
	Only	RSR	\$ 0.08	-	\$ 0.08
	Non- Residential	GE, GD, GET, GDT, LST, VLT	\$ 0.45	\$ 1.05	\$ 1.50
	Non- Residential - Delivery	GER, GDR, LSR, VLR	¢ 0.45		¢ 0.45
	Only		\$ 0.45	-	\$ 0.45
	Lighting Lighting – Delivery Only	AL, SL ALR, SLR	\$ 0.02 \$ 0.02		\$ 0.02





Electric: Electric Incremental Uncollectible Adjustment: Illinois Rider UAE

			Illinois		
Effective Billing Date	Class Designation by Service Type	Rates	IDUA Factor (Monthly Delivery Charge)	ISUA Factor (Monthly Supply Charge)	Total Monthly Adjustment
May 31, 2023	Residential	RS, RST	\$ 0.06	\$ 0.14	\$ 0.20
	Residential - Delivery				
	Only	RSR	\$ 0.06	-	\$ 0.06
	Non- Residential	GE, GD, GET, GDT, LST, VLT	\$ 0.24	\$ 1.11	\$ 1.35
	Non- Residential – Delivery Only	GER, GDR, LSR, VLR	\$ 0.24	<u>-</u>	\$ 0.24
	Lighting	AL, SL	\$ 0.02	\$ 0.01	\$ 0.03
	Lighting – Delivery	ALD CLD	¢ 0.02		¢ 0 02
1	Only	ALR, SLR	\$ 0.02	-	\$ 0.02





Electric: Electric Incremental Uncollectible Adjustment: Illinois Rider UAE

	Illinois					
Effective Billing Date	Class Designation by Service Type	Rates	IDUA Factor (Monthly Delivery Charge)	ISUA Factor (Monthly Supply Charge)	Total Monthly Adjustment	
June 1, 2022	Residential	RS, RST	\$ 0.05	\$ 0.13	\$ 0.18	
	Residential -		·			
	Delivery Only	RSR	\$ 0.05	-	\$ 0.05	
		GE, GD, GET, GDT,				
	Non-Residential	LST, VLT	\$ 0.27	\$ 1.12	\$ 1.39	
	Non-Residential					
	- Delivery Only	GER, GDR, LSR, VLR	\$ 0.27	<u>-</u>	\$ 0.27	
	Lighting	AL, SL	\$ 0.01	-	\$ 0.01	
	Lighting –					
	Delivery Only	ALR, SLR	\$ 0.01	-	\$ 0.01	





Electric: Electric Incremental Uncollectible Adjustment: Illinois Rider UAE

			Illinois		
Effective Billing Date	Class Designation by Service Type	Rates	IDUA Factor (Monthly Delivery Charge)	ISUA Factor (Monthly Supply Charge)	Total Monthly Adjustment
June 2, 2021	Residential	RS, RST	\$ 0.11	\$ 0.23	\$ 0.34
	Residential – Delivery Only	RSR	\$ 0.11	-	\$ 0.11
	Non-Residential	GE, GD, GET, GDT, LST, VLT	\$ 0.46	\$ 2.01	\$ 2.47
	Non-Residential – Delivery Only	GER, GDR, LSR, VLR	\$ 0.46	-	\$ 0.46
	Lighting	AL, SL	\$ 0.03	\$ 0.01	\$ 0.04
	Lighting – Delivery Only	ALR, SLR	\$ 0.03	-	\$ 0.03



South Dakota





Energy Cost Adjustment Factors





Electric: Energy Cost Adjustment: South Dakota Clause ECA

South Dakota				
Billing Month - Effective Billing Date	Energy Cost Adjustment \$/kWh			
May - April 30, 2025	\$0.00582			
April – April 1, 2025	\$0.00582			
March – March 3, 2025	\$0.00582			
February – January 31, 2025	\$0.01114			
January – December 31, 2024	\$0.01114			





Electric: Energy Cost Adjustment: South Dakota Clause ECA

South Dakota				
Billing Month - Effective Billing Date	Energy Cost Adjustment \$/kWh			
December - November 26, 2024	\$0.01114			
November - October 28, 2024	\$0.00258			
October - September 27, 2024	\$0.00258			
September - August 28, 2024	\$0.00258			
August – July 30, 2024	\$(0.00094)			
July – June 28, 2024	\$(0.00094)			
June – May 30, 2024	\$(0.00094)			
May - April 30, 2024	\$0.00163			
April – April 1, 2024	\$0.00163			
March - March 1, 2024	\$0.00163			
February – January 31, 2024	\$0.01329			
January – December 29, 2023	\$0.01329			





Electric: Energy Cost Adjustment: South Dakota Clause ECA

South Dakota				
Billing Month - Effective Billing Date	Energy Cost Adjustment \$/kWh			
December - November 29, 2023	\$0.01329			
November – October 27, 2023	\$0.00238			
October - September 28, 2023	\$0.00238			
September - August 29, 2023	\$0.00238			
August – July 31, 2023	\$(0.00415)			
July – June 29, 2023	\$(0.00415)			
June – May 31, 2023	\$(0.00415)			
May - May 1, 2023	\$(0.00415)			
April – March 31, 2023	\$(0.00415)			
March - March 2, 2023	\$(0.00415)			
February - February 1, 2023	\$(0.00181)			
January – December 30, 2022	\$(0.00181)			





Electric: Energy Cost Adjustment: South Dakota Clause ECA

South Da	South Dakota				
Billing Month - Effective Billing Date	Energy Cost Adjustment \$/kWh				
December - November 30, 2022	\$(0.00181)				
November – October 28, 2022	\$(0.00413)				
October - September 29, 2022	\$(0.00413)				
September – August 30, 2022	\$(0.00413)				
August - August 1, 2022	\$(0.00577)				
July – June 30, 2022	\$(0.00577)				
June - June 1, 2022	\$(0.00577)				
May - May 2, 2022	\$(0.00405)				
April - April 1, 2022	\$(0.00405)				
March – March 3, 2022	\$(0.00405)				
February – February 1, 2022	\$0.01063				
January – December 31, 2021	\$0.01063				





Energy Cost Adjustment: 2021 South Dakota Retail ECA

Billing Month	2021 Energy Cost Adjustment \$/kWh			
December	\$0.01063			
November	\$0.00399			
October	\$0.00399			
September	\$0.00399			
August	\$(0.00143) \$(0.00143) \$(0.00143)			
July				
June				
May	\$(0.00368)			
April	\$(0.00368)			
March	\$(0.00368)			
February	\$0.00596			
January	\$0.00596			





Energy Cost Adjustment: 2020 South Dakota Retail ECA

Billing Month	2020 Energy Cost Adjustment \$/kWh			
January	\$0.00206			
February	\$0.00206			
March	\$(0.00433)			
April	\$(0.00433)			
May	\$(0.00433) \$(0.00433)			
June				
July	\$(0.00433)			
August	\$(0.00433)			
September	\$(0.00152)			
October	\$(0.00152)			
November	\$(0.00152)			
December	\$0.00596			





Electric: Energy Efficiency Cost Recovery: South Dakota Clause EECR

Following are the energy efficiency cost recovery factors per kilowatt-hour applicable to electric bills in South Dakota:

South Dakota						
(\$/kWh)						
		Commercial/ Small	Industrial Large			
Effective Billing Date	Residential	General Service	General Service	Lighting		
December 31, 2020	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
July 30, 2020	\$0.00103	\$0.00000	\$0.00000	\$0.00000		
June 2, 2020	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
January 31, 2020	\$0.00086	\$0.00000	\$0.00000	\$0.00000		
May 31, 2019	\$0.00086	\$0.00006	\$0.00006	\$0.00000		
April 2, 2018	\$0.00015	\$0.00004	\$0.00004	\$0.00000		
April 3, 2017	\$0.00261	0261 \$0.00018 \$0.		\$0.00000		
April 4, 2016	\$0.00167	0167 \$0.00026 \$0.00026		\$0.00000		
April 3, 2015	\$0.00120	\$0.00009 \$0.00009		\$0.00000		
May 1, 2014	\$0.00291	\$0.00047	\$0.00047	\$0.00000		
April 2, 2013	\$(0.00035)	\$0.00010	\$0.00010	\$0.00000		
April 2, 2012	\$0.00389	\$0.00020 \$0.00020		\$0.00000		
April 4, 2011	\$0.00020	\$0.00008 \$0.00008		\$0.00000		
April 5, 2010	\$0.00232	\$0.00091 \$0.00091		\$0.00000		
May 1, 2009	\$0.00049	\$0.00018	\$0.00018	\$0.00000		



Supplemental Information

Electric: Tax Expense Refund Mechanism: South Dakota Clause TERM

Following are the tax expense refund mechanism factors per kilowatt-hour applicable to electric bills in South Dakota:

South Dakota					
Effective Billing Date	RS, RSW, RSH, RSE, RST (\$/kWh)	GE, GEH, GD, GDH, GSH, GSW, MWP, GEP, GET, GDT (\$/kWh)	LS, LSH, LPT (\$/kWh)	SAL (\$/kWh)	
June 2, 2020	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
May 1, 2020	\$(0.00579)	\$0.00000	\$0.00135	\$0.00000	
December 31, 2019	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
July 1, 2019	\$(0.01025)	\$(0.00882)	\$(0.00619)	\$(0.01579)	



Supplemental Information

Electric: Transmission Cost Recovery: South Dakota Clause TCR

Following are the transmission cost recovery factors per kilowatt-hour applicable to electric bills in South Dakota:

South Dakota						
	RS, RSW, RSH, RSE,	GE, GET, GEH, GSH,	GD, GDT,	LS, LSH,		Lighting
Effective	RST,	GSW, GEP	GDH	LPT	MWP	SAL
Billing Date	(\$/kWh)	(\$/kWh)	(\$/kWh)	(\$/kWh)	(\$/kWh)	(\$/kWh)
April 1, 2025	\$0.00334	\$0.00228	\$0.00224	\$0.00155	\$0.00217	\$0.00022
April 1, 2024	\$0.00292	\$0.00324	\$0.00221	\$0.00208	\$0.00138	\$0.00041
March 31, 2023	\$0.00212	\$0.00185	\$0.00176	\$0.00170	\$0.00184	\$(0.00020)
April 1, 2022	\$0.00296	\$0.00268	\$0.00236	\$0.00123	\$0.00006	\$0.00122
April 2, 2021	\$0.00261	\$0.00210	\$0.00233	\$0.00211	\$0.00209	\$0.00112
April 2, 2020	\$0.00235	\$0.00203	\$0.00151	\$0.00150	\$0.00099	\$0.00070
April 2, 2019	\$0.00180	\$0.00172	\$0.00157	\$0.00170	\$0.00088	\$0.00047
April 2, 2018	\$0.00187	\$0.00205	\$0.00154	\$0.00140	\$0.00339	\$0.00105
April 3, 2017	\$0.00182	\$0.00125	\$0.00154	\$0.00142	\$0.00140	\$0.00058
April 4, 2016	\$0.00173	\$0.00037	\$0.00175	\$0.00123	\$0.00087	\$0.00076
July 13, 2015	\$0.00097	\$0.00204	\$0.00033	\$0.00063	\$0.00084	\$0.00030





Supplemental Information – Gas

All Jurisdictions (Iowa, Illinois, Nebraska and South Dakota)

- BTU Factor
- Retention Factor
- Interruptible Commodity Prices (Iowa, Nebraska and South Dakota)

Iowa

- CIC Capital Investment Charge
- EECR Energy Efficiency Cost Recovery
- TERM Tax Expense Revision Mechanism

Illinois

- EECR Energy Efficiency Cost Recovery
- GUA Gas Utility Assessment
- TERM Tax Expense Revision Mechanism
- UAG Gas Incremental Uncollectible Adjustment

South Dakota

- EECR Energy Efficiency Cost Recovery
- TERM Tax Expense Refund Mechanism

Gas Transportation

- Exit Fees (Iowa East & West, Nebraska and South Dakota)
- Firm Standby (Iowa and Nebraska)
- Imbalance Cashout Rates (ANR Pipeline, Natural Gas Pipeline, Northern Natural Gas Pipeline)
- Supply Index and Pipeline Transportation Charges





All Jurisdictions



Gas Btu Factors

Illinois - Iowa -	Nebraska - Sou	ıth Dakot	:a					
Month	2018	2019	2020	2021	2022	2023	2024	2025
January	1.053	1.053	1.067	1.069	1.057	1.053	1.049	1.046
February	1.055	1.054	1.065	1.064	1.054	1.052	1.062	1.046
March	1.054	1.052	1.063	1.062	1.054	1.049	1.061	1.059
April	1.050	1.043	1.060	1.074	1.054	1.045	1.055	1.058
May	1.050	1.047	1.060	1.062	1.044	1.043	1.051	
June	1.049	1.065	1.072	1.062	1.050	1.034	1.050	
July	1.055	1.069	1.065	1.076	1.061	1.053	1.062	
August	1.062	1.072	1.060	1.076	1.072	1.064	1.066	
September	1.069	1.078	1.069	1.078	1.070	1.079	1.068	
October	1.061	1.080	1.080	1.078	1.066	1.079	1.080	
November	1.069	1.081	1.084	1.079	1.065	1.074	1.074	
December	1.062	1.070	1.063	1.070	1.057	1.064	1.069	

Note: These values are a true weighted Btu calculation based on the weighted average of all gas flowing to the system on NNG, NGPL, ANR and NBPL pipelines.



Supplemental Information

Gas: Retention Factor – All Jurisdictions

Iowa – Illinois – Nebraska – South Dakota								
Effective Billing Date (Month/Year)	Retention (-%-)							
September 2024	0.75%							
September 2023	0.28%							
September 2022	0.49%							
September 2021	0.45%							
September 2020	0.68%							
September 2019	0.72%							





Interruptible Commodity Prices



Interruptible Commodity Prices 2025

Day	Jan	Feb	Mar	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	\$0.38536	\$0.34001	\$0.40729	\$0.43611								
2	\$0.38536	\$0.34001	\$0.40729									
3	\$0.42044	\$0.34001	\$0.40729									
4	\$0.42858	\$0.38781	\$0.39458									
5	\$0.42858	\$0.37866	\$0.46017									
6	\$0.42858	\$0.38527	\$0.46577									
7	\$0.49417	\$0.38933	\$0.45661									
8	\$0.45044	\$0.41476	\$0.42763									
9	\$0.43112	\$0.41476	\$0.42763									
10	\$0.42146	\$0.41476	\$0.42763									
11	\$0.47637	\$0.43001	\$0.43323									
12	\$0.47637	\$0.50018	\$0.42001									
13	\$0.47637	\$0.49153	\$0.39153									
14	\$0.51603	\$0.46509	\$0.38238									
15	\$0.49366	\$1.01270	\$0.37272									
16	\$0.49214	\$1.01270	\$0.37272									
17	\$0.47485	\$1.01270	\$0.37272									
18	\$1.19330	\$1.01270	\$0.37882									
19	\$1.19330	\$1.21710	\$0.38899									
20	\$1.19330	\$0.87084	\$0.39916									
21	\$1.19330	\$0.61916	\$0.38645									
22	\$0.50485	\$0.45594	\$0.39153									
23	\$0.46875	\$0.45594	\$0.39153									
24	\$0.44841	\$0.45594	\$0.39153									
25	\$0.43112	\$0.41171	\$0.40475									
26	\$0.43112	\$0.42289	\$0.39865									
27	\$0.43112	\$0.42289	\$0.37221									
28	\$0.38943	\$0.41374	\$0.34119									
29	\$0.37875		\$0.33001									
30	\$0.36909		\$0.33001									
31	\$0.35739		\$0.33001									
Avg	\$0.53752	\$0.55318	\$0.39555	\$0.43611								

^{*} Current month commodity prices are estimates only and are subject to change. This report is furnished by MidAmerican Energy Company as a convenience for its customers and is intended for informational purposes of the customer only. MidAmerican Energy Company does not warrant or guarantee any of the information provided in this report and the customer relies upon it at its own risk.

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MidAmerican Energy Company 2024 Interruptible Commodity Prices (\$/Therm)

Iowa - N	Iowa - Nebraska - South Dakota											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	\$0.26366	\$0.23820	\$0.18630	\$0.16184	\$0.16221	\$0.13046	\$0.19407	\$0.19782	\$0.17461	\$0.25102	\$0.19538	\$0.35743
2	\$0.26366	\$0.24528	\$0.18225	\$0.17295	\$0.15413	\$0.13046	\$0.18246	\$0.19984	\$0.17461	\$0.26015	\$0.13894	\$0.35743
3	\$0.28289	\$0.22858	\$0.18225	\$0.17799	\$0.15767	\$0.13046	\$0.17187	\$0.18773	\$0.17461	\$0.26167	\$0.13894	\$0.34574
4	\$0.31022	\$0.22858	\$0.18225	\$0.19364	\$0.15767	\$0.16730	\$0.16531	\$0.18773	\$0.17918	\$0.24747	\$0.13894	\$0.33760
5	\$0.31427	\$0.22858	\$0.19338	\$0.16891	\$0.15767	\$0.17638	\$0.16531	\$0.18773	\$0.19591	\$0.22620	\$0.14250	\$0.33201
6	\$0.30212	\$0.24579	\$0.19844	\$0.14771	\$0.15767	\$0.17689	\$0.16531	\$0.18419	\$0.19236	\$0.22620	\$0.18623	\$0.33608
7	\$0.30212	\$0.23010	\$0.20249	\$0.14771	\$0.17079	\$0.18294	\$0.16531	\$0.18419	\$0.19540	\$0.22620	\$0.20657	\$0.31828
8	\$0.30212	\$0.21745	\$0.19288	\$0.14771	\$0.17785	\$0.16377	\$0.16531	\$0.18823	\$0.19540	\$0.25203	\$0.17301	\$0.31828
9	\$0.31224	\$0.21289	\$0.18832	\$0.15327	\$0.18088	\$0.16377	\$0.19609	\$0.18066	\$0.19540	\$0.25356	\$0.13996	\$0.31828
10	\$0.36588	\$0.22150	\$0.18832	\$0.15730	\$0.17836	\$0.16377	\$0.20971	\$0.18722	\$0.19388	\$0.23987	\$0.13996	\$0.33608
11	\$0.36437	\$0.22150	\$0.18832	\$0.15579	\$0.17684	\$0.19606	\$0.20416	\$0.18722	\$0.19135	\$0.23125	\$0.13996	\$0.34421
12	\$0.37449	\$0.22150	\$0.17871	\$0.13789	\$0.17684	\$0.19808	\$0.19205	\$0.18722	\$0.19642	\$0.23023	\$0.13996	\$0.36353
13	\$3.63452	\$0.22909	\$0.17010	\$0.11582	\$0.17684	\$0.23744	\$0.20770	\$0.19277	\$0.19490	\$0.23023	\$0.21216	\$0.35387
14	\$3.63452	\$0.20733	\$0.15846	\$0.11582	\$0.17937	\$0.22937	\$0.20770	\$0.19025	\$0.20301	\$0.23023	\$0.22843	\$0.33150
15	\$3.63452	\$0.20834	\$0.16504	\$0.11582	\$0.18996	\$0.21372	\$0.20770	\$0.19681	\$0.20301	\$0.23023	\$0.20759	\$0.33150
16	\$3.63452	\$0.20986	\$0.17263	\$0.12084	\$0.19602	\$0.21372	\$0.20618	\$0.19631	\$0.20301	\$0.22009	\$0.19132	\$0.33150
17	\$1.88508	\$0.19872	\$0.17263	\$0.12335	\$0.20107	\$0.21372	\$0.19357	\$0.19277	\$0.20808	\$0.20945	\$0.19132	\$0.33608
18	\$0.35931	\$0.19872	\$0.17263	\$0.13914	\$0.19350	\$0.21423	\$0.18145	\$0.19277	\$0.21619	\$0.19119	\$0.19132	\$0.33913
19	\$0.36993	\$0.19872	\$0.18630	\$0.15327	\$0.19350	\$0.22735	\$0.17540	\$0.19277	\$0.21366	\$0.14657	\$0.21420	\$0.34726
20	\$0.32540	\$0.19872	\$0.19895	\$0.14923	\$0.19350	\$0.22735	\$0.17389	\$0.19328	\$0.19895	\$0.14657	\$0.23098	\$0.35794
21	\$0.32540	\$0.19417	\$0.19794	\$0.14923	\$0.20558	\$0.23492	\$0.17389	\$0.17864	\$0.20047	\$0.14657	\$0.26047	\$0.34269
22	\$0.32540	\$0.19872	\$0.18782	\$0.14923	\$0.20006	\$0.23038	\$0.17389	\$0.17309	\$0.20047	\$0.15621	\$0.31233	\$0.34269
23	\$0.26315	\$0.19518	\$0.18377	\$0.15932	\$0.18996	\$0.23038	\$0.19407	\$0.16401	\$0.20047	\$0.18967	\$0.27064	\$0.34269
24	\$0.26062	\$0.18455	\$0.18377	\$0.15427	\$0.19955	\$0.23038	\$0.19861	\$0.16451	\$0.23647	\$0.20336	\$0.27064	\$0.32692
25	\$0.27884	\$0.18455	\$0.18377	\$0.13914	\$0.16625	\$0.23946	\$0.19104	\$0.16451	\$0.25016	\$0.20843	\$0.27064	\$0.33302
26	\$0.27783	\$0.18455	\$0.18680	\$0.13106	\$0.16625	\$0.24552	\$0.17792	\$0.16451	\$0.24509	\$0.19981	\$0.31233	\$0.33302
27	\$0.26417	\$0.19265	\$0.19085	\$0.12602	\$0.16625	\$0.22634	\$0.17691	\$0.19126	\$0.24763	\$0.19981	\$0.36012	\$0.31726
28	\$0.26417	\$0.19771	\$0.17213	\$0.12602	\$0.16625	\$0.20565	\$0.17691	\$0.18117	\$0.23901	\$0.19981	\$0.36012	\$0.29286
29	\$0.26417	\$0.20530	\$0.17213	\$0.12602	\$0.16725	\$0.20565	\$0.17691	\$0.16704	\$0.23901	\$0.19829	\$0.36012	\$0.29286
30	\$0.26012		\$0.17213	\$0.14317	\$0.15969	\$0.20565	\$0.18600	\$0.16704	\$0.23901	\$0.19069	\$0.36012	\$0.29286
31	\$0.24544		\$0.17213		\$0.15363		\$0.19256	\$0.16704		\$0.19930		\$0.35743
Average	\$0.78275	\$0.21127	\$0.18271	\$0.14532	\$0.17655	\$0.20039	\$0.18546	\$0.18356	\$0.20659	\$0.21298	\$0.22284	\$0.33445

MidAmerican Energy Company 2023 Interruptible Commodity Prices (\$/Therm)

Iowa - N	ebraska -	South Da	kota									
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	\$0.38893	\$0.37408	\$0.31267	\$0.22752	\$0.22760	\$0.20495	\$0.23851	\$0.23870	\$0.23903	\$0.22125	\$0.32275	\$0.28651
2	\$0.38893	\$0.38320	\$0.32230	\$0.22752	\$0.22304	\$0.18263	\$0.23851	\$0.23414	\$0.23801	\$0.22125	\$0.29138	\$0.27335
3	\$0.38893	\$0.37002	\$0.32939	\$0.22752	\$0.20601	\$0.18415	\$0.23851	\$0.23363	\$0.23801	\$0.23643	\$0.27518	\$0.27335
4	\$0.37575	\$0.31882	\$0.32939	\$0.22295	\$0.19008	\$0.18415	\$0.23851	\$0.23617	\$0.23801	\$0.24656	\$0.23217	\$0.27335
5	\$0.38436	\$0.31882	\$0.32939	\$0.23462	\$0.17841	\$0.18415	\$0.23851	\$0.23668	\$0.23801	\$0.27135	\$0.23217	\$0.27943
6	\$0.37625	\$0.31882	\$0.32939	\$0.23817	\$0.17080	\$0.20140	\$0.24815	\$0.23668	\$0.23801	\$0.27186	\$0.23217	\$0.28348
7	\$0.36307	\$0.30463	\$0.31621	\$0.21433	\$0.17080	\$0.19785	\$0.22482	\$0.23668	\$0.23397	\$0.26680	\$0.19978	\$0.26728
8	\$0.36307	\$0.33352	\$0.32686	\$0.21433	\$0.17080	\$0.20698	\$0.21620	\$0.25189	\$0.23953	\$0.26680	\$0.19928	\$0.24552
9	\$0.36307	\$0.33758	\$0.32483	\$0.21433	\$0.20732	\$0.20190	\$0.21620	\$0.25544	\$0.24055	\$0.26680	\$0.23369	\$0.25919
10	\$0.37980	\$0.32643	\$0.32230	\$0.21433	\$0.19971	\$0.18365	\$0.21620	\$0.27725	\$0.24055	\$0.26730	\$0.23419	\$0.25919
11	\$0.34685	\$0.31477	\$0.31926	\$0.20317	\$0.18754	\$0.18365	\$0.24156	\$0.27522	\$0.24055	\$0.26629	\$0.23419	\$0.25919
12	\$0.35091	\$0.31477	\$0.31926	\$0.19405	\$0.18500	\$0.18365	\$0.24764	\$0.25848	\$0.24409	\$0.25060	\$0.23419	\$0.24906
13	\$0.37118	\$0.31477	\$0.31926	\$0.19100	\$0.19058	\$0.20190	\$0.24713	\$0.25848	\$0.24561	\$0.23846	\$0.23419	\$0.25109
14	\$0.33570	\$0.31477	\$0.33193	\$0.16666	\$0.19058	\$0.21103	\$0.24054	\$0.25848	\$0.24308	\$0.19494	\$0.25191	\$0.24603
15	\$0.33570	\$0.33099	\$0.31672	\$0.17528	\$0.19058	\$0.21053	\$0.23902	\$0.25848	\$0.24864	\$0.19494	\$0.28328	\$0.24147
16	\$0.33570	\$0.33251	\$0.30709	\$0.17528	\$0.22557	\$0.21357	\$0.23902	\$0.25493	\$0.24409	\$0.19494	\$0.27265	\$0.25666
17	\$0.33570	\$0.33200	\$0.32078	\$0.17528	\$0.24485	\$0.21610	\$0.23902	\$0.24885	\$0.24409	\$0.20152	\$0.27367	\$0.25666
18	\$0.35344	\$0.30412	\$0.30557	\$0.21687	\$0.22304	\$0.21610	\$0.23598	\$0.24377	\$0.24409	\$0.21670	\$0.25595	\$0.25666
19	\$0.33621	\$0.30412	\$0.30557	\$0.21585	\$0.21543	\$0.21610	\$0.24460	\$0.23769	\$0.24055	\$0.24352	\$0.25595	\$0.26475
20	\$0.33063	\$0.30412	\$0.30557	\$0.21230	\$0.22557	\$0.21610	\$0.24561	\$0.23769	\$0.24055	\$0.22986	\$0.25595	\$0.24957
21	\$0.34026	\$0.30412	\$0.28631	\$0.21839	\$0.22557	\$0.24095	\$0.25373	\$0.23769	\$0.22739	\$0.19140	\$0.25646	\$0.25261
22	\$0.34026	\$0.30970	\$0.27262	\$0.22853	\$0.22557	\$0.22878	\$0.25575	\$0.25442	\$0.22334	\$0.19140	\$0.25697	\$0.22933
23	\$0.34026	\$0.32998	\$0.28681	\$0.22853	\$0.21797	\$0.23081	\$0.25575	\$0.25595	\$0.21322	\$0.19140	\$0.27620	\$0.19036
24	\$0.35040	\$0.33048	\$0.28529	\$0.22853	\$0.21949	\$0.22675	\$0.25575	\$0.23668	\$0.21322	\$0.21063	\$0.27620	\$0.19036
25	\$0.35293	\$0.31173	\$0.28732	\$0.23107	\$0.21391	\$0.22675	\$0.25474	\$0.23008	\$0.21322	\$0.21164	\$0.27620	\$0.19036
26	\$0.33063	\$0.31173	\$0.28732	\$0.22549	\$0.19546	\$0.22675	\$0.25525	\$0.22653	\$0.22536	\$0.21619	\$0.27620	\$0.19036
27	\$0.31137	\$0.31173	\$0.28732	\$0.20622	\$0.16725	\$0.25515	\$0.25778	\$0.22653	\$0.22739	\$0.25010	\$0.27620	\$0.23034
28	\$0.81373	\$0.32744	\$0.28529	\$0.20926	\$0.16725	\$0.26276	\$0.24866	\$0.22653	\$0.22992	\$0.33461	\$0.29138	\$0.25058
29	\$0.81373		\$0.28732	\$0.20926	\$0.16725	\$0.25617	\$0.23598	\$0.24783	\$0.22587	\$0.33461	\$0.27923	\$0.24502
30	\$0.81373		\$0.26958	\$0.20926	\$0.16725	\$0.25211	\$0.23598	\$0.24428	\$0.22587	\$0.33461	\$0.27721	\$0.24502
31	\$0.39754		\$0.26552		\$0.20478		\$0.23598	\$0.24276		\$0.36953		\$0.24502
Average	\$0.40029	\$0.32463	\$0.30627	\$0.21186	\$0.19984	\$0.21358	\$0.24128	\$0.24512	\$0.23479	\$0.24530	\$0.25823	\$0.24810

MidAmerican Energy Company 2022 Interruptible Commodity Prices (\$/Therm)

Iowa - N	ebraska -	South Da	kota									
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	\$0.52247	\$0.53973	\$0.43661	\$0.54464	\$0.67855	\$0.81366	\$0.61276	\$0.80412	\$0.85720	\$0.45824	\$0.46779	\$0.62889
2	\$0.52247	\$0.62197	\$0.45174	\$0.54596	\$0.67855	\$0.82371	\$0.54093	\$0.77499	\$0.88440	\$0.45824	\$0.39327	\$0.60101
3	\$0.52247	\$0.75569	\$0.47395	\$0.54596	\$0.74033	\$0.85485	\$0.54093	\$0.75640	\$0.84213	\$0.45824	\$0.39226	\$0.48442
4	\$0.39128	\$0.60986	\$0.46436	\$0.54596	\$0.80261	\$0.80110	\$0.54093	\$0.75439	\$0.84213	\$0.48638	\$0.37046	\$0.48442
5	\$0.44931	\$0.53317	\$0.48303	\$0.55921	\$0.82521	\$0.80110	\$0.54093	\$0.79056	\$0.84213	\$0.53261	\$0.21179	\$0.48442
6	\$0.61683	\$0.53317	\$0.48303	\$0.59287	\$0.81416	\$0.80110	\$0.54643	\$0.78905	\$0.84213	\$0.62960	\$0.21179	\$0.47985
7	\$0.44628	\$0.53317	\$0.48303	\$0.62632	\$0.81366	\$0.87192	\$0.53990	\$0.78905	\$0.79741	\$0.65070	\$0.21179	\$0.47124
8	\$0.44225	\$0.43629	\$0.49968	\$0.60844	\$0.81366	\$0.89302	\$0.59365	\$0.78905	\$0.76324	\$0.56276	\$0.38922	\$0.46820
9	\$0.44225	\$0.43528	\$0.48757	\$0.61125	\$0.81366	\$0.91210	\$0.59669	\$0.74887	\$0.75269	\$0.56276	\$0.36640	\$0.50520
10	\$0.44225	\$0.40500	\$0.47899	\$0.61125	\$0.73380	\$0.79206	\$0.59669	\$0.77449	\$0.74163	\$0.56276	\$0.40088	\$0.52548
11	\$0.43064	\$0.39794	\$0.48505	\$0.61125	\$0.67654	\$0.83526	\$0.59669	\$0.78202	\$0.74163	\$0.55824	\$0.54484	\$0.52548
12	\$0.42004	\$0.40652	\$0.47798	\$0.64239	\$0.74937	\$0.83526	\$0.64639	\$0.82521	\$0.74163	\$0.54216	\$0.54484	\$0.52548
13	\$0.47403	\$0.40652	\$0.47798	\$0.65244	\$0.73832	\$0.83526	\$0.64388	\$0.83325	\$0.76782	\$0.58990	\$0.54484	\$0.60000
14	\$0.47959	\$0.40652	\$0.47798	\$0.67725	\$0.74083	\$0.84430	\$0.64792	\$0.83325	\$0.77932	\$0.56578	\$0.54484	\$0.63852
15	\$0.44931	\$0.41611	\$0.44670	\$0.70639	\$0.74083	\$0.71020	\$0.66248	\$0.83325	\$0.81198	\$0.55623	\$0.66549	\$0.60659
16	\$0.44931	\$0.43326	\$0.43055	\$0.70639	\$0.74083	\$0.74485	\$0.65192	\$0.82171	\$0.77184	\$0.55623	\$0.65434	\$0.66691
17	\$0.44931	\$0.47363	\$0.44317	\$0.70639	\$0.78654	\$0.75540	\$0.65192	\$0.88147	\$0.71053	\$0.55623	\$0.60618	\$0.70391
18	\$0.44931	\$0.47867	\$0.46385	\$0.70639	\$0.81366	\$0.69663	\$0.65192	\$0.89352	\$0.71053	\$0.58990	\$0.65079	\$0.70391
19	\$0.49018	\$0.48372	\$0.45477	\$0.76796	\$0.81969	\$0.69663	\$0.73832	\$0.88299	\$0.71053	\$0.59291	\$0.61784	\$0.70391
20	\$0.57949	\$0.48372	\$0.45477	\$0.69864	\$0.80563	\$0.69663	\$0.72225	\$0.85234	\$0.70249	\$0.53864	\$0.61784	\$0.75207
21	\$0.43468	\$0.48372	\$0.45477	\$0.67353	\$0.78905	\$0.69663	\$0.74686	\$0.85234	\$0.70294	\$0.48387	\$0.61784	\$0.73382
22	\$0.42206	\$0.48372	\$0.44670	\$0.66148	\$0.78905	\$0.65294	\$0.78754	\$0.85234	\$0.68486	\$0.39744	\$0.65079	\$3.40429
23	\$0.42206	\$0.54023	\$0.47546	\$0.63707	\$0.78905	\$0.65846	\$0.81316	\$0.89704	\$0.64265	\$0.39744	\$0.60517	\$1.44199
24	\$0.42206	\$0.57000	\$0.49665	\$0.63707	\$0.81266	\$0.64390	\$0.81316	\$0.92667	\$0.49493	\$0.39744	\$0.63964	\$1.01821
25	\$0.58605	\$0.53922	\$0.50473	\$0.63707	\$0.85585	\$0.59317	\$0.81316	\$0.88348	\$0.49493	\$0.45723	\$0.63964	\$1.01821
26	\$0.43771	\$0.46555	\$0.54408	\$0.68429	\$0.89704	\$0.59317	\$0.83275	\$0.87946	\$0.49493	\$0.50899	\$0.63964	\$1.01821
27	\$0.45991	\$0.46555	\$0.54408	\$0.70488	\$0.87036	\$0.59317	\$0.87896	\$0.87795	\$0.51251	\$0.51904	\$0.63964	\$1.01821
28	\$0.47353	\$0.46555	\$0.54408	\$0.70538	\$0.78453	\$0.60723	\$0.84430	\$0.87795	\$0.54119	\$0.50899	\$0.63964	\$0.51483
29	\$0.53610		\$0.53601	\$0.66549	\$0.78453	\$0.64992	\$0.82170	\$0.87795	\$0.52055	\$0.46829	\$0.58033	\$0.43018
30	\$0.53610		\$0.52541	\$0.66549	\$0.78453	\$0.65796	\$0.82170	\$0.88699	\$0.50849	\$0.46829	\$0.66802	\$0.38912
31	\$0.53610		\$0.54257		\$0.78453		\$0.82170	\$0.85434		\$0.46829		\$0.38912
Average	\$0.47534	\$0.49298	\$0.48288	\$0.64464	\$0.78283	\$0.74539	\$0.68576	\$0.83473	\$0.70705	\$0.51883	\$0.52426	\$0.73987

MidAmerican Energy Company 2021 Interruptible Commodity Prices (\$/Therm)

Iowa - N	ebraska -	South Da	kota									
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	\$0.25812	\$0.28263	\$0.27676	\$0.26631	\$0.27703	\$0.28192	\$0.37714	\$0.38039	\$0.42759	\$0.54947	\$0.54161	\$0.42669
2	\$0.25812	\$0.29486	\$0.28135	\$0.24552	\$0.27703	\$0.30015	\$0.35990	\$0.38039	\$0.45339	\$0.54644	\$0.52344	\$0.41054
3	\$0.25812	\$0.31218	\$0.29255	\$0.24552	\$0.27703	\$0.30066	\$0.35686	\$0.39814	\$0.46705	\$0.54644	\$0.55422	\$0.39944
4	\$0.25812	\$0.30811	\$0.29306	\$0.24552	\$0.28717	\$0.30205	\$0.35686	\$0.39814	\$0.46756	\$0.54644	\$0.57138	\$0.39288
5	\$0.27544	\$0.34377	\$0.27982	\$0.24552	\$0.28971	\$0.29103	\$0.35686	\$0.41386	\$0.46756	\$0.59349	\$0.56583	\$0.39288
6	\$0.28206	\$0.40796	\$0.27268	\$0.23031	\$0.28819	\$0.29103	\$0.35686	\$0.41589	\$0.46756	\$0.61879	\$0.52142	\$0.39288
7	\$0.28614	\$0.40796	\$0.27268	\$0.23258	\$0.28920	\$0.29103	\$0.36446	\$0.41336	\$0.46756	\$0.58489	\$0.52142	\$0.37220
8	\$0.29480	\$0.40796	\$0.27268	\$0.24164	\$0.28768	\$0.30407	\$0.35635	\$0.41336	\$0.46300	\$0.55150	\$0.52142	\$0.38531
9	\$0.29174	\$0.44414	\$0.25893	\$0.24416	\$0.28768	\$0.31385	\$0.35838	\$0.41336	\$0.49285	\$0.53126	\$0.52596	\$0.38077
10	\$0.29174	\$0.42936	\$0.25995	\$0.24298	\$0.28768	\$0.31334	\$0.36244	\$0.41285	\$0.49134	\$0.53126	\$0.47752	\$0.36513
11	\$0.29174	\$0.71977	\$0.26759	\$0.24298	\$0.29427	\$0.30979	\$0.36244	\$0.41133	\$0.49741	\$0.53126	\$0.46188	\$0.37472
12	\$0.28461	\$1.61392	\$0.27116	\$0.24298	\$0.29022	\$0.32450	\$0.36244	\$0.40626	\$0.49741	\$0.51608	\$0.48762	\$0.37472
13	\$0.29633	\$23.62270	\$0.26555	\$0.26124	\$0.28920	\$0.32450	\$0.36903	\$0.39865	\$0.49741	\$0.52165	\$0.48661	\$0.37472
14	\$0.29174	\$23.62270	\$0.26555	\$0.26530	\$0.28819	\$0.32450	\$0.36142	\$0.38851	\$0.52372	\$0.53025	\$0.48661	\$0.39288
15	\$0.29174	\$23.62270	\$0.26555	\$0.26327	\$0.28210	\$0.32957	\$0.36497	\$0.38851	\$0.52422	\$0.57022	\$0.48661	\$0.35756
16	\$0.29327	\$23.62270	\$0.26657	\$0.26479	\$0.28210	\$0.32805	\$0.35939	\$0.38851	\$0.55964	\$0.51810	\$0.47399	\$0.38178
17	\$0.29327	\$19.20546	\$0.25944	\$0.26986	\$0.28210	\$0.31892	\$0.35838	\$0.38851	\$0.53536	\$0.51810	\$0.51335	\$0.38481
18	\$0.29327	\$2.76179	\$0.25893	\$0.26986	\$0.29782	\$0.31993	\$0.35838	\$0.38547	\$0.51006	\$0.51810	\$0.49518	\$0.37371
19	\$0.29327	\$0.63265	\$0.24976	\$0.26986	\$0.29630	\$0.31892	\$0.35838	\$0.38039	\$0.51006	\$0.49129	\$0.50275	\$0.37371
20	\$0.26882	\$0.42274	\$0.24874	\$0.28812	\$0.28667	\$0.31892	\$0.37816	\$0.37177	\$0.51006	\$0.47560	\$0.49922	\$0.37371
21	\$0.26321	\$0.42274	\$0.24874	\$0.28761	\$0.28210	\$0.31892	\$0.38373	\$0.38090	\$0.50550	\$0.50090	\$0.49922	\$0.40247
22	\$0.26984	\$0.42274	\$0.24874	\$0.27392	\$0.27957	\$0.31131	\$0.38881	\$0.38090	\$0.47919	\$0.50697	\$0.49922	\$0.39742
23	\$0.26423	\$0.28875	\$0.25485	\$0.26986	\$0.27957	\$0.31385	\$0.38931	\$0.38090	\$0.47768	\$0.51001	\$0.47097	\$0.39793
24	\$0.26423	\$0.29078	\$0.25434	\$0.26935	\$0.27957	\$0.31841	\$0.39844	\$0.39713	\$0.48071	\$0.51001	\$0.48408	\$0.35454
25	\$0.26423	\$0.28416	\$0.25740	\$0.26935	\$0.27804	\$0.32551	\$0.39844	\$0.39358	\$0.46705	\$0.51001	\$0.49619	\$0.35454
26	\$0.28206	\$0.26735	\$0.25587	\$0.26935	\$0.28210	\$0.34225	\$0.39844	\$0.40372	\$0.46705	\$0.56819	\$0.49619	\$0.35454
27	\$0.29225	\$0.26735	\$0.25027	\$0.26733	\$0.28717	\$0.34225	\$0.40909	\$0.40778	\$0.46705	\$0.57123	\$0.49619	\$0.35454
28	\$0.28818	\$0.26735	\$0.25027	\$0.28355	\$0.27703	\$0.34225	\$0.40757	\$0.43161	\$0.51158	\$0.60007	\$0.49619	\$0.37421
29	\$0.28206		\$0.25027	\$0.29116	\$0.27703	\$0.37064	\$0.40453	\$0.43161	\$0.55306	\$0.55807	\$0.49619	\$0.42265
30	\$0.28206		\$0.25791	\$0.28102	\$0.27703	\$0.38586	\$0.39489	\$0.43161	\$0.54193	\$0.55807	\$0.48459	\$0.40550
31	\$0.28206		\$0.26453		\$0.27703		\$0.39489	\$0.42654		\$0.55807		\$0.40550
Average	\$0.28022	\$4.49990	\$0.26363	\$0.26136	\$0.28431	\$0.31927	\$0.37443	\$0.40045	\$0.49272	\$0.54007	\$0.50457	\$0.38403

MidAmerican Energy Company 2020 Interruptible Commodity Prices (\$/Therm)

Iowa - N	Iowa - Nebraska - South Dakota											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	\$0.22711	\$0.20248	\$0.18991	\$0.17366	\$0.17713	\$0.17352	\$0.18368	\$0.18993	\$0.23071	\$0.16274	\$0.32603	\$0.29390
2	\$0.22711	\$0.20248	\$0.18991	\$0.16758	\$0.17409	\$0.17200	\$0.17709	\$0.18993	\$0.23071	\$0.14651	\$0.32603	\$0.27862
3	\$0.22660	\$0.20248	\$0.18890	\$0.16606	\$0.17409	\$0.18366	\$0.17100	\$0.18993	\$0.23983	\$0.11914	\$0.31023	\$0.28422
4	\$0.22660	\$0.21317	\$0.18940	\$0.15794	\$0.17409	\$0.19735	\$0.17100	\$0.20210	\$0.24490	\$0.11914	\$0.29597	\$0.25467
5	\$0.22660	\$0.21469	\$0.19348	\$0.15794	\$0.19589	\$0.19025	\$0.17100	\$0.21022	\$0.22209	\$0.11914	\$0.27202	\$0.25722
6	\$0.22660	\$0.21418	\$0.19042	\$0.15794	\$0.21466	\$0.17859	\$0.17100	\$0.21630	\$0.22209	\$0.15665	\$0.24960	\$0.25722
7	\$0.24034	\$0.21418	\$0.17821	\$0.17316	\$0.20807	\$0.17859	\$0.19332	\$0.20870	\$0.22209	\$0.16375	\$0.23024	\$0.25722
8	\$0.23627	\$0.21520	\$0.17821	\$0.18989	\$0.20147	\$0.17859	\$0.20346	\$0.20515	\$0.22209	\$0.17186	\$0.23024	\$0.24193
9	\$0.23322	\$0.21520	\$0.17821	\$0.19497	\$0.18474	\$0.17707	\$0.20143	\$0.20515	\$0.22107	\$0.13080	\$0.23024	\$0.24397
10	\$0.23322	\$0.21520	\$0.18686	\$0.18888	\$0.18474	\$0.17910	\$0.20194	\$0.20515	\$0.21753	\$0.13637	\$0.27406	\$0.25161
11	\$0.23831	\$0.20859	\$0.19805	\$0.18888	\$0.18474	\$0.17960	\$0.18926	\$0.21681	\$0.21246	\$0.13637	\$0.28782	\$0.25161
12	\$0.23831	\$0.21826	\$0.21078	\$0.18888	\$0.18930	\$0.17707	\$0.18926	\$0.21732	\$0.19928	\$0.13637	\$0.29240	\$0.26435
13	\$0.23831	\$0.24878	\$0.19907	\$0.18888	\$0.18119	\$0.16743	\$0.18926	\$0.21326	\$0.19928	\$0.18859	\$0.29801	\$0.26435
14	\$0.24289	\$0.22538	\$0.20874	\$0.20460	\$0.17256	\$0.16743	\$0.18926	\$0.22543	\$0.19928	\$0.20532	\$0.29902	\$0.26435
15	\$0.24899	\$0.20961	\$0.20874	\$0.19192	\$0.16901	\$0.16743	\$0.18520	\$0.23253	\$0.21347	\$0.22256	\$0.29902	\$0.28983
16	\$0.24797	\$0.20961	\$0.20874	\$0.18279	\$0.17307	\$0.16287	\$0.18875	\$0.23253	\$0.21246	\$0.23777	\$0.29902	\$0.28677
17	\$0.23932	\$0.20961	\$0.20111	\$0.17316	\$0.17307	\$0.15779	\$0.18977	\$0.23253	\$0.21195	\$0.23219	\$0.27559	\$0.28320
18	\$0.25154	\$0.20961	\$0.19602	\$0.18431	\$0.17307	\$0.16895	\$0.18520	\$0.23862	\$0.18761	\$0.23219	\$0.26183	\$0.28371
19	\$0.25154	\$0.23098	\$0.18432	\$0.18431	\$0.18524	\$0.16997	\$0.18520	\$0.24166	\$0.16582	\$0.23219	\$0.24196	\$0.27964
20	\$0.25154	\$0.23047	\$0.19144	\$0.18431	\$0.19285	\$0.17098	\$0.18520	\$0.24369	\$0.16582	\$0.26667	\$0.23126	\$0.27964
21	\$0.25154	\$0.21927	\$0.18788	\$0.18736	\$0.19234	\$0.17098	\$0.17912	\$0.24217	\$0.16582	\$0.28999	\$0.24604	\$0.27964
22	\$0.21643	\$0.20961	\$0.18788	\$0.19649	\$0.17409	\$0.17098	\$0.18216	\$0.23558	\$0.16734	\$0.28999	\$0.24604	\$0.27403
23	\$0.21388	\$0.20961	\$0.18788	\$0.20257	\$0.17104	\$0.18011	\$0.17861	\$0.23558	\$0.17443	\$0.31787	\$0.24604	\$0.29390
24	\$0.21490	\$0.20961	\$0.18025	\$0.20359	\$0.17104	\$0.17301	\$0.18064	\$0.23558	\$0.20029	\$0.33916	\$0.25368	\$0.28932
25	\$0.21083	\$0.21113	\$0.18279	\$0.18989	\$0.17104	\$0.17757	\$0.18571	\$0.26094	\$0.21195	\$0.33916	\$0.25979	\$0.27505
26	\$0.21083	\$0.21520	\$0.18330	\$0.18989	\$0.17104	\$0.17200	\$0.18571	\$0.26094	\$0.19015	\$0.33916	\$0.25674	\$0.27505
27	\$0.21083	\$0.21469	\$0.17668	\$0.18989	\$0.18930	\$0.16236	\$0.18571	\$0.25536	\$0.19015	\$0.66109	\$0.25674	\$0.27505
28	\$0.21795	\$0.20096	\$0.16040	\$0.17772	\$0.19032	\$0.16236	\$0.19129	\$0.25079	\$0.19015	\$0.32446	\$0.25674	\$0.27505
29	\$0.21643	\$0.20096	\$0.16040	\$0.18888	\$0.18017	\$0.16236	\$0.19535	\$0.23862	\$0.17545	\$0.31787	\$0.25674	\$0.24041
30	\$0.21541		\$0.16040	\$0.18381	\$0.18017	\$0.18112	\$0.19940	\$0.23862	\$0.15770	\$0.30367	\$0.25674	\$0.25875
31	\$0.20930		\$0.16447		\$0.18017		\$0.19433	\$0.23862		\$0.30367		\$0.26079
Average	\$0.23035	\$0.21383	\$0.18719	\$0.18367	\$0.18238	\$0.17370	\$0.18643	\$0.22612	\$0.20213	\$0.23685	\$0.26886	\$0.26984



Iowa





Gas: Capital Investment Charge: Iowa Rider CIC

Iowa										
70, 70M, 70T, MVF, LVF, INT, ST										
Effective Billing	60 &	MT, LT, STM, MTM &	90, 90T &	SGS &						
Date	SVF-Residential	SVF-Non-Residential	LGT	SGT						
June 22, 2023	\$0.00	\$0.00	\$0.00	\$0.00						
March 31, 2023	\$0.71	\$2.39	\$902.79	\$6.24						
April 1, 2022	\$0.73	\$2.46	\$952.31	\$6.71						
October 29, 2021	\$0.69	\$2.32	\$924.09	\$6.90						
April 2, 2020	\$0.63	\$2.13	\$837.12	\$5.87						
May 1, 2019	\$0.52	\$1.75	\$526.02	\$4.83						
July 31, 2018	\$1.02	\$3.45	\$1,226.60	\$8.25						
April 3, 2017	\$0.32	\$1.08	\$390.60	\$2.43						
April 20, 2016	\$0.12	\$0.39	\$144.32	\$0.82						



Supplemental Information

Gas: Energy Efficiency Cost Recovery: Iowa Clause EECR

Iowa										
	(\$/Thei	rm)								
	Residential	Non-Residential								
	SVS, MVS and obligated residential daily	SVS, STM, MVS, MTM, LVS, SGS,								
	gas transportation Customers taking service	INTS, CPS and obligated non-								
	under SVT and MVT	residential daily gas transportation								
		Customers taking service under								
Effective Billing Date		SVT, MVT, LVT, SGT, INTT and CPT								
May 30, 2024	\$0.01226	\$0.00069								
May 31, 2023	\$0.01156	\$0.00168								
June 1, 2022	\$0.01216	\$0.00358								
June 2, 2021	\$0.01106	\$0.00323								
June 2, 2020	\$0.00604	\$(0.00284)								





Gas: Rate Case Expense : Iowa Clause RCE

Iowa									
Effective Billing	Small Volume	Medium Volume	Large Volume	Seasonal	Interruptible				
Date	(SVS, SVT, STM)	(MVS, MVT, MTM)	(LVS, LVT)	(SGS, SGT)	(INTS, INTT)				
08/28/2024	\$0.04	\$0.68	\$26.74	\$0.58	\$0.68				



Supplemental Information

Gas: Tax Expense Revision Mechanism: Iowa Clause TERM

	Iowa										
				(\$/Therm)							
		SVF, 70,									
- 66		70M, LVF,									
Effective	40.01	MTM, MVF,			70T, MT,	90T, LGT,					
Billing Date	60, SVF	STM, INT	90	87, SGS	ST, LT	95*, CPS*	87T, SGT				
June 22, 2023	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000				
March 31, 2023	\$(0.01231)	\$(0.00519)	\$(0.00519)	\$(0.00290)	\$(0.00193)	\$(0.00149)	\$(0.00241)				
April 1, 2022	\$(0.02186)	\$(0.00864)	\$(0.00864)	\$(0.00111)	\$(0.00261)	\$(0.00195)	\$(0.00329)				
May 3, 2021	\$(0.03552)	\$(0.01484)	\$(0.01484)	\$(0.01108)	\$(0.00499)	\$(0.00335)	\$(0.00524)				
April 2, 2020	\$(0.01373)	\$(0.00578)	\$(0.00578)	\$(0.00141)	\$(0.00197)	\$(0.00135)	\$(0.00201)				
April 2, 2019	\$(0.01899)	\$(0.00839)	\$(0.00839)	\$(0.00385)	\$(0.00301)	\$(0.00181)	\$(0.00412)				
May 1, 2018	\$(0.01762)	\$(0.00716)	\$(0.00716)	\$(0.00295)	\$(0.00251)	\$(0.00162)	\$(0.00233)				

^{*}Depending on the terms of each individual contract



Illinois



Supplemental Information

Gas: Energy Efficiency Cost Recovery Adjustment: Illinois Rider EECR

Illinois					
	(\$/Therm)				
Effective Billing Date	Residential Rate RV	Non-Residential Rates SV, MV, LV			
April 1, 2025	\$0.00907	\$(0.00009)			
December 31, 2024	\$0.00923	\$0.00384			
April 1, 2023	\$0.00064	\$(0.00383)			
December 29, 2023	\$0.00948	\$0.00423			
March 31, 2023	\$0.00386	\$0.00581			
December 30, 2022	\$0.01103	\$0.00806			
April 1, 2022	\$0.00379	\$0.00275			
December 31, 2021	\$0.01064	\$0.00752			
April 2, 2021	\$0.00967	\$(0.00088)			
December 31, 2020	\$0.01078	\$0.00756			
April 2, 2020	\$(0.00600)	\$(0.00222)			
December 31, 2019	\$0.01072	\$0.00753			
April 2, 2019	(\$0.03929)	\$0.00000			
January 2, 2019	\$0.02577	\$0.01680			
April 2, 2018	\$0.03371	\$0.01405			
January 2, 2018	\$0.05653	\$0.03343			
Continued next page					



Supplemental Information

Gas: Energy Efficiency Cost Recovery Adjustment: Illinois Rider EECR

Illinois				
	herm)			
Effective Billing Date	Residential Rate RV	Non-Residential Rates SV, MV, LV		
April 3, 2017	\$0.04962	\$0.02707		
January 3, 2017	\$0.05555	\$0.03167		
April 4, 2016	\$0.04688	\$0.01334		
January 1, 2016	\$0.05529	\$0.03274		
April 3, 2015	\$0.01563	(\$0.00336)		
January 2, 2015	\$0.05429	\$0.03146		
April 2, 2014	\$0.04778	\$0.03460		
January 2, 2014	\$0.05237	\$0.03152		
April 2, 2013	\$0.00996	\$0.00760		
February 1, 2013	\$0.01364	\$0.00905		
April 2, 2012	\$0.01995	\$0.00138		
January 3, 2012	\$0.02682	\$0.00599		
April 4, 2011	\$0.02410	\$0.03001		
January 3, 2011	\$0.02825	\$0.01120		
April 8, 2010	\$0.02892	\$0.01225		



Supplemental Information

Gas: Gas Utility Assessment: Illinois Rider GUA

Illinois				
Effective Billing Date	RV1, RV2	MVS, MVT, SVS, SVT	LVS, LVT, NGD	
July 30, 2024	\$0.02	\$0.10	\$25.96	
July 31, 2023	\$0.02	\$0.09	\$14.58	
August 1, 2022	\$0.03	\$0.11	\$15.29	
August 2, 2021	\$0.03	\$0.14	\$26.32	
July 30, 2020	\$0.01	\$0.07	\$8.26	
July 31, 2019	\$0.02	\$0.08	\$10.42	
July 31, 2018	\$0.06	\$0.25	\$40.13	





Gas: Tax Expense Revision Mechanism: Illinois Rider TERM

	Illinois						
				(\$/Therm)			
Effective							
Billing Date	RV1, RV2	SVS	MVS	LVS	SVT	MVT	LVT
April 1, 2024	\$(0.00992)	\$(0.00523)	\$(0.00282)	\$(0.00786)	\$(0.00425)	\$(0.00206)	\$(0.00139)
March 31, 2023	\$(0.00870)	\$(0.00457)	\$(0.00264)	\$(0.00737)	\$(0.00351)	\$(0.00187)	\$(0.00117)
April 1, 2022	\$(0.00591)	\$(0.00329)	\$(0.00147)	\$(0.00107)	\$(0.00249)	\$(0.00132)	\$(0.00079)
April 2, 2021	\$(0.01241)	\$(0.00704)	\$(0.00366)	\$(0.00212)	\$(0.00489)	\$(0.00238)	\$(0.00177)
April 2, 2020	\$(0.00764)	\$(0.00429)	\$(0.00226)	\$(0.00215)	\$(0.00320)	\$(0.00169)	\$(0.00085)
April 2, 2019	\$(0.00884)	\$(0.00536)	\$(0.00300)	\$(0.00191)	\$(0.00336)	\$(0.00194)	\$(0.00125)
April 2, 2018	\$(0.00878)	\$(0.00470)	\$(0.00256)	\$(0.00170)	\$(0.00385)	\$(0.00192)	\$(0.00126)





Gas Incremental Uncollectible Adjustment Illinois Only





Gas: Gas Incremental Uncollectible Adjustment: Illinois Rider UAG

	Illinois					
Effective Billing Date	Class Designation by Service Type	Rates	IDUA Factor (Monthly Delivery Charge)	ISUA Factor (Monthly Supply Charge)	Total Monthly Adjustment	
May 30, 2024	Residential	RV1, RV2	\$ 0.03	\$ (0.11)	\$ (0.08)	
	Non- Residential	SVS, MVS, LVS	\$ 0.08	\$ (0.41)	\$ (0.33)	
	Non-					
	Residential –					
	Delivery Only	SVT, MVT, LVT	\$ 0.08	_	\$ 0.08	



Supplemental Information

Gas: Gas Incremental Uncollectible Adjustment: Illinois Rider UAG

	Illinois					
Effective Billing Date	Class Designation by Service Type	Rates	IDUA Factor (Monthly Delivery Charge)	ISUA Factor (Monthly Supply Charge)	Total Monthly Adjustment	
May 31, 2023	Residential	RV1, RV2	\$ (0.01)	\$ (0.05)	\$ (0.06)	
	Non- Residential	SVS, MVS, LVS,	\$ (0.01)	\$ (0.18)	\$ (0.19)	
	Non-					
	Residential –					
	Delivery Only	SVT, MVT, LVT	\$ (0.01)	_	\$ (0.01)	





Gas: Gas Incremental Uncollectible Adjustment: Illinois Rider UAG

	Illinois					
Effective Billing Date	Class Designation by Service Type	Rates	IDUA Factor (Monthly Delivery Charge)	ISUA Factor (Monthly Supply Charge)	Total Monthly Adjustment	
June 1, 2022	Residential	RV1, RV2	\$ 0.05	\$ (0.07)	\$ (0.02)	
	Non- Residential	SVS, MVS, LVS	\$ 0.16	\$ (0.25)	\$ (0.09)	
	Non-					
	Residential –					
	Delivery Only	SVT, MVT, LVT	\$ 0.16	-	\$ 0.16	





Gas: Gas Incremental Uncollectible Adjustment: Illinois Rider UAG

	Illinois					
Effective Billing Date	Class Designation by Service Type	Rates	IDUA Factor (Monthly Delivery Charge)	ISUA Factor (Monthly Supply Charge)	Total Monthly Adjustment	
June 2, 2021	Residential	RV1, RV2	\$ 0.08	\$ (0.18)	\$ (0.10)	
	Non- Residential	SVS, MVS, LVS	\$ 0.25	\$ (0.61)	\$ (0.36)	
	Non- Residential – Delivery Only	SVT, MVT, LVT	\$ 0.25	_	\$ 0.25	



South Dakota



Supplemental Information

Gas: Energy Efficiency Cost Recovery: South Dakota Clause EECR

South Dakota					
	(\$/Therm)				
Effective Billing Date	Residential After 7/1/15 SVS & MVS Before 7/1/15 SVF & MVF	Non Residential After 7/1/15 SVS, MVS, LVS, SVI, LVI, SSS, LSS, CPS, STM & MTM Before 7/1/15 SVF, MVF, LVF, SVI, LVI, SSS, LSS, MMT & MMT Interruptible			
December 31, 2020	\$0.00000	\$0.00000			
July 30, 2020	\$0.00785	(\$0.00117)			
May 1, 2020	\$0.00000	\$0.00000			
January 31, 2020	\$0.00825	\$0.00000			
May 31, 2019	\$0.00825	\$0.00116			
July 31, 2018	(\$0.01161)	\$0.00207			
March 2, 2018	\$0.00000	\$0.00000			
April 3, 2017	\$0.04222	(\$0.00440)			
April 4, 2016	(\$0.01321)	\$0.01113			
April 3, 2015	\$0.04151	(\$0.00741)			
May 1, 2014	\$0.00677	\$0.01387			
April 2, 2013	\$0.03336	\$0.00517			
April 2, 2012	\$0.01798	\$0.00385			
April 4, 2011	\$0.00615	\$0.00006			
April 5, 2010	\$0.03018	\$0.00386			
May 1, 2009	\$0.02000	\$0.00600			





Gas: Tax Expense Refund Mechanism: South Dakota Clause TERM

South Dakota					
			(\$/Therm)		
Effective Billing Date	SVS, SVI, SSS, STM	MVS, MTM	LVS, LVI, LSS	SVT, MVT	LVT
September 29, 2020	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
August 28, 2020	\$(0.02950)	\$0.00000	\$0.00000	\$0.00000	\$0.00000
June 2, 2020	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
May 1, 2020	\$0.09398	\$0.01070	\$0.00000	\$0.00000	\$(0.00649)
December 31, 2019	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
July 1, 2019	\$(0.11218)	\$(0.03453)	\$(0.01292)	\$(0.02543)	\$(0.00865)





Gas Transportation





Exit Fees





Exit Fees

lowa



Supplemental Information

Gas: Exit Fees

Iowa				
Pipeline Demand Rider (PDR) SVT MVT, LVT, SGT, INTT, Demand Charge per				
Effective Billing Month	CPT & PRG	Contract Demand		
_	(\$/Therm)	(\$/Therm)		
April 2025	0.13368	0.90283		
March 2025	0.13368	0.90283		
February 2025	0.13368	0.90283		
January 2025	0.13368	0.90283		



Supplemental Information

Gas: Exit Fees

Iowa					
Pipeline Demand Rider (PDR)					
Effective Billing Month	SVT MVT, LVT, SGT, INTT, CPT & PRG (\$/Therm)	Demand Charge per Contract Demand (\$/Therm)			
December 2024	0.13368	0.90283			
November 2024	0.13368	0.90283			
October 2024	0.13366	0.90283			
September 2024	0.13736	0.98104			
August 2024	0.13165	0.98104			
July 2024	0.13165	0.98104			
June 2024	0.13165	0.98104			
May 2024	0.13165	0.98104			
April 2024	0.13165	0.98104			
March 2024	0.13165	0.98104			
February 2024	0.13165	0.98104			
January 2024	0.13165	0.98104			



Supplemental Information

Gas: Exit Fees

Iowa (East & West Systems) - Rider 2 (PDR)				
	Pipeline Demand Rider (PDR)			
		L		
	70, 87, 90,	Demand Charge per		
Effective Billing Month	SGS, SVF & MVF (\$/Therm)	Contract Demand (\$/Therm)	Commodity Charge (\$/Therm)	SVI & LVI (\$/Therm)
December 2023	0.13165	0.98104	0.00000	0.00000
November 2023	0.13165	0.98104	0.00000	0.00000
October 2023	0.13461	0.98104	0.00000	0.00000
September 2023	0.14033	1.03258	0.00000	0.00000
August 2023	0.14197	1.03258	0.00000	0.00000
July 2023	0.14197	1.03258	0.00000	0.00000
June 2023	0.14197	1.03258	0.00000	0.00000
May 2023	0.14470	1.05563	0.00000	0.00000
April 2023	0.14470	1.05563	0.00000	0.00000
March 2023	0.14470	1.05563	0.00000	0.00000
February 2023	0.14470	1.05563	0.00000	0.00000
January 2023	0.14470	1.05563	0.00000	0.00000



Supplemental Information

Gas: Exit Fees

Iowa (East & West Systems) - Rider 2 (PDR)				
	Pipeline Demand Rider (PDR)			
		L		
	70, 87, 90,	Demand Charge per		
Effective Billing Month	SGS, SVF & MVF (\$/Therm)	Contract Demand (\$/Therm)	Commodity Charge (\$/Therm)	SVI & LVI (\$/Therm)
December 2022	0.15419	1.15408	0.00000	0.00000
November 2022	0.15419	1.15408	0.00000	0.00000
October 2022	0.11324	0.86048	0.00000	0.00000
September 2022	0.11324	0.86048	0.00000	0.00000
August 2022	0.11932	0.86691	0.00000	0.00000
July 2022	0.11932	0.86691	0.00000	0.00000
June 2022	0.11932	0.86691	0.00000	0.00000
May 2022	0.11932	0.86691	0.00000	0.00000
April 2022	0.11932	0.86691	0.00000	0.00000
March 2022	0.11932	0.86691	0.00000	0.00000
February 2022	0.11932	0.86691	0.00000	0.00000
January 2022	0.11932	0.86691	0.00000	0.00000





Gas: Exit Fees

Iowa (East & West Systems) - Rider 2 (PDR)				
	Pipeline Demand Rider (PDR)			
	LVF			
		Demand		
	70, 87, 90,	Charge per		
	SGS,	Contract	Commodity	
Effective Billing	SVF & MVF	Demand	Charge	SVI & LVI
Month	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)
January 2021	0.10914	0.82518	0.00000	0.00000
February 2021	0.10914	0.82518	0.00000	0.00000
March 2021	0.10914	0.82518	0.00000	0.00000
April 2021	0.10914	0.82518	0.00000	0.00000
May 2021	0.10914	0.82518	0.00000	0.00000
June 2021	0.10914	0.82518	0.00000	0.00000
July 2021	0.10914	0.82518	0.00000	0.00000
August 2021	0.10914	0.82518	0.00000	0.00000
September 2021	0.11144	0.82518	0.00000	0.00000
October 2021	0.11144	0.82518	0.00000	0.00000
November 2021	0.11932	0.86691	0.00000	0.00000
December 2021	0.11932	0.86691	0.00000	0.00000



Supplemental Information

Gas: Exit Fees

Iowa (East & West Systems) - Rider 2 (PDR)					
		Pipeline Demand Rider (PDR)			
		LVF			
		Demand			
	70, 87, 90,	Charge per			
	SGS,	Contract	Commodity		
Effective Date	SVF & MVF	Demand	Charge	SVI & LVI	
(Month/Year)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	
January 2020	0.12149	0.91739	0.00000	0.00000	
February 2020	0.11776	0.88849	0.00000	0.00000	
March 2020	0.11776	0.88849	0.00000	0.00000	
April 2020	0.11776	0.88849	0.00000	0.00000	
May 2020	0.11776	0.88849	0.00000	0.00000	
June 2020	0.11321	0.86130	0.00000	0.00000	
July 2020	0.11321	0.86130	0.00000	0.00000	
August 2020	0.11321	0.86130	0.00000	0.00000	
September 2020	0.11390	0.86130	0.00000	0.00000	
October 2020	0.11016	0.82518	0.00000	0.00000	
November 2020	0.10914	0.82518	0.00000	0.00000	
December 2020	0.10914	0.82518	0.00000	0.00000	



Exit Fees

Nebraska



Supplemental Information

Gas: Exit Fees

Gas Transportation Rates - System Exit Fees 2025

Nebraska – Rider 2 (PDR)			
	Pipeline Demand Rider (PDR)		
	LVF per		
	Contract		
	SVF & MVF Demand SVI & LVI		
Effective Billing Month	(\$/Therm) (\$/Therm) (\$/Therm)		
April 2025	0.10506	0.90283	None
March 2025	0.10506	0.90283	None
February 2025	0.10506	0.90283	None
1 CDI daily 2025			



Supplemental Information

Gas: Exit Fees

Gas Transportation Rates – System Exit Fees 2024

Nebraska – Rider 2 (PDR)				
	Pipeline	Pipeline Demand Rider (PDR)		
		LVF per		
		Contract		
	SVF & MVF	Demand	SVI & LVI	
Effective Billing Month	(\$/Therm)	(\$/Therm)	(\$/Therm)	
December 2024	0.10506	0.90283	None	
November 2024	0.10506	0.90283	None	
October 2024	0.10863	0.90283	None	
September 2024	0.11764	0.90283	None	
August 2024	0.14945	1.05563	None	
July 2024	0.14945	1.05563	None	
June 2024	0.14945	1.05563	None	
May 2024	0.14945	1.05563	None	
April 2024	0.14945	1.05563	None	
March 2024	0.14945	1.05563	None	
February 2024	0.14945	1.05563	None	
January 2024	0.14945	1.05563	None	



Supplemental Information

Gas: Exit Fees

Gas Transportation Rates - System Exit Fees 2023

Nebraska – Rider 2 (PDR)			
	Pipeline Demand Rider (PDR)		
		LVF per	
		Contract	
	SVF & MVF	Demand	SVI & LVI
Effective Billing Month	(\$/Therm)	(\$/Therm)	(\$/Therm)
December 2023	0.14945	1.05563	None
November 2023	0.14945	0.13037	None
October 2023	0.15163	1.05563	None
September 2023	0.15163	0.98104	None
August 2023	0.10605	1.05563	None
July 2023	0.10605	1.05563	None
June 2023	0.10605	1.05563	None
May 2023	0.10808	1.05563	None
April 2023	0.10808	1.05563	None
March 2023	0.10808	1.05563	None
February 2023	0.10808	1.05563	None
January 2023	0.10808	1.05563	None



Supplemental Information

Gas: Exit Fees

Gas Transportation Rates - System Exit Fees 2022

Nebraska – Rider 2 (PDR)				
	Pipeline	Pipeline Demand Rider (PDR)		
		LVF per		
		Contract		
	SVF & MVF	Demand	SVI & LVI	
Effective Billing Month	(\$/Therm)	(\$/Therm)	(\$/Therm)	
December 2022	0.11518	1.15408	None	
November 2022	0.11518	1.15408	None	
October 2022	0.08363	0.86048	None	
September 2022	0.12571	0.86048	None	
August 2022	0.11042	0.86691	None	
July 2022	0.11042	0.86691	None	
June 2022	0.11042	0.86691	None	
May 2022	0.11042	0.86691	None	
April 2022	0.11042	0.86691	None	
March 2022	0.11042	0.86691	None	
February 2022	0.11042	0.86691	None	
January 2022	0.11042	0.86691	None	



Supplemental Information

Gas: Exit Fees

Gas Transportation Rates – System Exit Fees 2021

Nebraska – Rider 2 (PDR)			
	Pipelir	ne Demand Rider	(PDR)
		LVF per	
		Contract	
Effective Billing	SVF & MVF	Demand	SVI & LVI
Month	(\$/Therm)	(\$/Therm)	(\$/Therm)
January 2021	0.08026	0.82518	None
February 2021	0.08026	0.82518	None
March 2021	0.08026	0.82518	None
April 2021	0.08026	0.82518	None
May 2021	0.08026	0.82518	None
June 2021	0.08026	0.82518	None
July 2021	0.08026	0.82518	None
August 2021	0.08026	0.82518	None
September 2021	0.08121	0.82518	None
October 2021	0.08121	0.82518	None
November 2021	0.11042	0.86691	None
December 2021	0.11042	0.86691	None



Supplemental Information

Gas: Exit Fees

Gas Transportation Rates – System Exit Fees 2020

Nebraska – Rider 2 (PDR)			
	Pipelir	ne Demand Rider	(PDR)
		LVF per	
		Contract	
Effective Date	SVF & MVF	Demand	SVI & LVI
(Month/Year)	(\$/Therm)	(\$/Therm)	(\$/Therm)
January 2020	0.11630	0.91739	None
February 2020	0.11271	0.88849	None
March 2020	0.11271	0.88849	None
April 2020	0.11271	0.88849	None
May 2020	0.11271	0.88849	None
June 2020	0.10837	0.86130	None
July 2020	0.10837	0.86130	None
August 2020	0.10837	0.86130	None
September 2020	0.10022	0.86130	None
October 2020	0.09692	0.82518	None
November 2020	0.08209	0.82518	None
December 2020	0.08209	0.82518	None





Exit Fees

South Dakota





Supplemental Information

Gas: Exit Fees

Gas Transportation Rates - System Exit Fees 2025

South Dakota – Rider PDR			
Pipeline Demand Rider (PDR)			
	SVS, MVS, LVS,		
	SSS, LSS and CPS	SVI & LVI	
Effective Billing Month	(\$/Therm) (\$/Therm)		
April 2025	0.12530	None	
March 2025	0.12530	None	
February 2025	0.12530	None	
January 2025	0.12530	None	





Supplemental Information

Gas: Exit Fees

Gas Transportation Rates – System Exit Fees 2024

South Dakota – Rider PDR			
	Pipeline Demand Rider (PDR)		
	SVS, MVS, LVS,		
	SSS, LSS and CPS	SVI & LVI	
Effective Billing Month	(\$/Therm)	(\$/Therm)	
December 2024	0.12530	None	
November 2024	0.12530	None	
October 2024	0.12605	None	
September 2024	0.12605	None	
August 2024	0.13877	None	
July 2024	0.13877	None	
June 2024	0.13877	None	
May 2024	0.13877	None	
April 2024	0.13877	None	
March 2024	0.13877	None	
February 2024	0.13877	None	
January 2024	0.13877	None	



Supplemental Information

Gas: Exit Fees

Gas Transportation Rates - System Exit Fees 2023

South Dakota - Rider PDR			
	Pipeline Demand Rider (PDR)		
	SVS, MVS, LVS,		
	SSS, LSS and CPS	SVI & LVI	
Effective Billing Month	(\$/Therm)	(\$/Therm)	
December 2023	0.13877	None	
November 2023	0.13877	None	
October 2023	0.14060	None	
September 2023	0.14060	None	
August 2023	0.13948	None	
July 2023	0.13948	None	
June 2023	0.13948	None	
May 2023	0.14213	None	
April 2023	0.14213	None	
March 2023	0.14213	None	
February 2023	0.14213	None	
January 2023	0.14213	None	





Supplemental Information

Gas: Exit Fees

Gas Transportation Rates – System Exit Fees 2022

South Dakota – Rider PDR			
	Pipeline Demand Rider (PDR)		
	SVS, MVS, LVS,		
	SSS, LSS and CPS	SVI & LVI	
Effective Billing Month	(\$/Therm)	(\$/Therm)	
December 2022	0.15042	None	
November 2022	0.15042	None	
October 2022	0.10982	None	
September 2022	0.10982	None	
August 2022	0.11038	None	
July 2022	0.11038	None	
June 2022	0.11038	None	
May 2022	0.11038	None	
April 2022	0.11038	None	
March 2022	0.11038	None	
February 2022	0.11038	None	
January 2022	0.11038	None	



Supplemental Information

Gas: Exit Fees

Gas Transportation Rates – System Exit Fees 2021

South Dakota – Rider PDR			
	Pipeline Demand Ric	ler (PDR)	
	SVS, MVS, LVS, SSS, LSS		
Effective Billing	and CPS	SVI & LVI	
Month	(\$/Therm)	(\$/Therm)	
January 2021	0.09630	None	
February 2021	0.09630	None	
March 2021	0.09630	None	
April 2021	0.09630	None	
May 2021	0.09630	None	
June 2021	0.09630	None	
July 2021	0.09630	None	
August 2021	0.09630	None	
September 2021	0.10117	None	
October 2021	0.10117	None	
November 2021	0.11038	None	
December 2021	0.11038	None	



Supplemental Information

Gas: Exit Fees

Gas Transportation Rates - System Exit Fees 2020

South Dakota – Rider PDR			
	Pipeline Demand Ric	ler (PDR)	
	SVS, MVS, LVS, SSS, LSS		
Effective Date	and CPS	SVI & LVI	
(Month/Year)	(\$/Therm)	(\$/Therm)	
January 2020	0.11708	None	
February 2020	0.11348	None	
March 2020	0.11348	None	
April 2020	0.11348	None	
May 2020	0.11348	None	
June 2020	0.10910	None	
July 2020	0.10910	None	
August 2020	0.10910	None	
September 2020	0.10934	None	
October 2020	0.10575	None	
November 2020	0.09734	None	
December 2020	0.09734	None	





Firm Standby





Firm Standby

Nebraska





Supplemental Information

Gas: Firm Supply Standby Service

Nebraska				
	Pipeline Demand Standby Charge			
Effective Billing Month	(\$/Therm)	Commodity		
April 2025	0.90283	Refer to Standby Services.		
March 2025	0.90283	Refer to Standby Services.		
February 2025	0.90283	Refer to Standby Services.		
January 2025	0.90283	Refer to Standby Services.		



Supplemental Information

Gas: Firm Supply Standby Service

Nebraska Nebraska				
	Pipeline Demand Standby Charge			
Effective Billing Month	(\$/Therm)	Commodity		
December 2024	0.90283	Refer to Standby Services.		
November 2024	0.90283	Refer to Standby Services.		
October 2024	0.90283	Refer to Standby Services.		
September 2024	0.90283	Refer to Standby Services.		
August 2024	1.05563	Refer to Standby Services.		
July 2024	1.05563	Refer to Standby Services.		
June 2024	1.05563	Refer to Standby Services.		
May 2024	1.05563	Refer to Standby Services.		
April 2024	1.05563	Refer to Standby Services.		
March 2024	1.05563	Refer to Standby Services.		
February 2024	1.05563	Refer to Standby Services.		
January 2024	1.05563	Refer to Standby Services.		



Supplemental Information

Gas: Firm Supply Standby Service

Nebraska Nebraska				
	Pipeline Demand Standby Charge			
Effective Billing Month	(\$/Therm)	Commodity		
December 2023	1.05563	Refer to Standby Services.		
November 2023	0.13037	Refer to Standby Services.		
October 2023	1.05563	Refer to Standby Services.		
September 2023	0.98104	Refer to Standby Services.		
August 2023	1.05563	Refer to Standby Services.		
July 2023	1.05563	Refer to Standby Services.		
June 2023	1.05563	Refer to Standby Services.		
May 2023	1.05563	Refer to Standby Services.		
April 2023	1.05563	Refer to Standby Services.		
March 2023	1.05563	Refer to Standby Services.		
February 2023	1.05563	Refer to Standby Services.		
January 2023	1.05563	Refer to Standby Services.		



Supplemental Information

Gas: Firm Supply Standby Service

Nebraska Nebraska				
	Pipeline Demand Standby Charge			
Effective Billing Month	(\$/Therm)	Commodity		
December 2022	1.15408	Refer to Standby Services.		
November 2022	1.15408	Refer to Standby Services.		
October 2022	0.86048	Refer to Standby Services.		
September 2022	0.86048	Refer to Standby Services.		
August 2022	0.86691	Refer to Standby Services.		
July 2022	0.86691	Refer to Standby Services.		
June 2022	0.86691	Refer to Standby Services.		
May 2022	0.86691	Refer to Standby Services.		
April 2022	0.86691	Refer to Standby Services.		
March 2022	0.86691	Refer to Standby Services.		
February 2022	0.86691	Refer to Standby Services.		
January 2022	0.86691	Refer to Standby Services.		



Supplemental Information

Gas: Firm Supply Standby Service

Nebraska		
Effective Billing Month	Pipeline Demand Standby Charge (\$/Therm)	Commodity
January 2021	0.82518	Refer to Standby Services.
February 2021	0.82518	Refer to Standby Services.
March 2021	0.82518	Refer to Standby Services.
April 2021	0.82518	Refer to Standby Services.
May 2021	0.82518	Refer to Standby Services.
June 2021	0.82518	Refer to Standby Services.
July 2021	0.82518	Refer to Standby Services.
August 2021	0.82518	Refer to Standby Services.
September 2021	0.82518	Refer to Standby Services.
October 2021	0.82518	Refer to Standby Services.
November 2021	0.86691	Refer to Standby Services.
December 2021	0.86691	Refer to Standby Services.



Supplemental Information

Gas: Firm Supply Standby Service

Nebraska		
Effective Date (Month/Year)	Pipeline Demand Standby Charge (\$/Therm)	Commodity
January 2020	0.91739	Refer to Standby Services.
February 2020	0.88849	Refer to Standby Services.
March 2020	0.88849	Refer to Standby Services.
April 2020	0.88849	Refer to Standby Services.
May 2020	0.88849	Refer to Standby Services.
June 2020	0.86130	Refer to Standby Services.
July 2020	0.86130	Refer to Standby Services.
August 2020	0.86130	Refer to Standby Services.
September 2020	0.86130	Refer to Standby Services.
October 2020	0.82518	Refer to Standby Services.
November 2020	0.82518	Refer to Standby Services.
December 2020	0.82518	Refer to Standby Services.





Imbalance Cashout Rates

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		ripeille	Fipelille	das Fipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
1/1/2025	Long	\$0.30247	\$0.30574	\$0.31501
1/2/2025	Long	\$0.30247	\$0.30574	\$0.31501
1/3/2025	Long	\$0.32508	\$0.32683	\$0.33840
1/4/2025	Short	\$0.34760	\$0.34322	\$0.42858
1/5/2025	Short	\$0.34760	\$0.34322	\$0.42858
1/6/2025	Long	\$0.31840	\$0.31088	\$0.35569
1/7/2025	Short	\$0.42725	\$0.41434	\$0.49417
1/8/2025	Long	\$0.37595	\$0.36633	\$0.37704
1/9/2025	Long	\$0.35718	\$0.35208	\$0.35925
1/10/2025	Long	\$0.35077	\$0.35157	\$0.35315
1/11/2025	Long	\$0.39393	\$0.38687	\$0.40806
1/12/2025	Short	\$0.42314	\$0.42104	\$0.47637
1/13/2025	Short	\$0.42314	\$0.42104	\$0.47637
1/14/2025	Short	\$0.46990	\$0.44938	\$0.51603
1/15/2025	Long	\$0.41654	\$0.39663	\$0.42331
1/16/2025	Long	\$0.41965	\$0.41965	\$0.42179
1/17/2025	Long	\$0.39804	\$0.39022	\$0.40552
1/18/2025	Long	\$0.97355	\$0.77506	\$1.08380
1/19/2025	Long	\$0.97355	\$0.77506	\$1.08380
1/20/2025	Long	\$0.97355	\$0.77506	\$1.08380
1/21/2025	Long	\$0.97355	\$0.77506	\$1.08380
1/22/2025	Long	\$0.41808	\$0.34579	\$0.42586
1/23/2025	Short	\$0.40927	\$0.40094	\$0.46875
1/24/2025	Short	\$0.40156	\$0.37834	\$0.44841
1/25/2025	Short	\$0.38923	\$0.36685	\$0.43112
1/26/2025	Short	\$0.38923	\$0.36685	\$0.43112
1/27/2025	Long	\$0.35668	\$0.33662	\$0.35518
1/28/2025	Long	\$0.32764	\$0.31858	\$0.32111
1/29/2025	Short	\$0.35017	\$0.34064	\$0.37875
1/30/2025	Long	\$0.30076	\$0.29900	\$0.29823
1/31/2025	Long	\$0.29219	\$0.28715	\$0.28857
Average		\$0.44929	\$0.41438	\$0.48628

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
2/1/2025	Long	\$0.27355	\$0.26723	\$0.27383
2/2/2025	Long	\$0.27355	\$0.26723	\$0.27383
2/3/2025	Long	\$0.27355	\$0.26723	\$0.27383
2/4/2025	Short	\$0.31633	\$0.32880	\$0.38781
2/5/2025	Short	\$0.31427	\$0.31643	\$0.37866
2/6/2025	Short	\$0.31633	\$0.33292	\$0.38527
2/7/2025	Long	\$0.31942	\$0.30879	\$0.32518
2/8/2025	Short	\$0.34562	\$0.35096	\$0.41476
2/9/2025	Short	\$0.34562	\$0.35096	\$0.41476
2/10/2025	Short	\$0.34562	\$0.35096	\$0.41476
2/11/2025	Short	\$0.35435	\$0.35817	\$0.43001
2/12/2025	Short	\$0.37953	\$0.37776	\$0.50018
2/13/2025	Short	\$0.39803	\$0.39940	\$0.49153
2/14/2025	Short	\$0.39295	\$0.39295	\$0.46509
2/15/2025	Long	\$0.51314	\$0.35555	\$0.60026
2/16/2025	Short	\$0.54660	\$0.54660	\$1.01270
2/17/2025	Short	\$0.54660	\$0.54660	\$1.01270
2/18/2025	Short	\$0.54660	\$0.54660	\$1.01270
2/19/2025	Long	\$0.70327	\$0.42435	\$0.76906
2/20/2025	Long	\$0.78600	\$0.57576	\$0.78076
2/21/2025	Short	\$0.57171	\$0.56423	\$0.61916
2/22/2025	Long	\$0.37595	\$0.39125	\$0.38569
2/23/2025	Long	\$0.37595	\$0.39125	\$0.38569
2/24/2025	Long	\$0.37595	\$0.39125	\$0.38569
2/25/2025	Long	\$0.34923	\$0.34590	\$0.34400
2/26/2025	Long	\$0.35282	\$0.35621	\$0.35213
2/27/2025	Long	\$0.35950	\$0.35878	\$0.35518
2/28/2025	Short	\$0.35416	\$0.37557	\$0.41374
Average		\$0.40736	\$0.38713	\$0.49496

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
3/1/2025	Short	\$0.36322	\$0.39639	\$0.40729
3/2/2025	Long	\$0.35077	\$0.35260	\$0.34806
3/3/2025	Long	\$0.35077	\$0.35260	\$0.34806
3/4/2025	Long	\$0.34203	\$0.34178	\$0.33891
3/5/2025	Short	\$0.40655	\$0.44260	\$0.46017
3/6/2025	Short	\$0.40252	\$0.43285	\$0.46577
3/7/2025	Short	\$0.40353	\$0.43798	\$0.45661
3/8/2025	Long	\$0.37338	\$0.37476	\$0.36433
3/9/2025	Long	\$0.37338	\$0.37476	\$0.36433
3/10/2025	Long	\$0.37338	\$0.37476	\$0.36433
3/11/2025	Short	\$0.38741	\$0.42515	\$0.43323
3/12/2025	Long	\$0.37286	\$0.37115	\$0.36433
3/13/2025	Long	\$0.33998	\$0.34126	\$0.33535
3/14/2025	Short	\$0.33812	\$0.37637	\$0.38238
3/15/2025	Short	\$0.32997	\$0.37072	\$0.37272
3/16/2025	Short	\$0.32997	\$0.37072	\$0.37272
3/17/2025	Short	\$0.32997	\$0.37072	\$0.37272
3/18/2025	Long	\$0.32456	\$0.32735	\$0.32111
3/19/2025	Short	\$0.33658	\$0.37380	\$0.38899
3/20/2025	Short	\$0.35063	\$0.38201	\$0.39916
3/21/2025	Long	\$0.33073	\$0.33662	\$0.32976
3/22/2025	Short	\$0.34408	\$0.37945	\$0.39153
3/23/2025	Short	\$0.34408	\$0.37945	\$0.39153
3/24/2025	Short	\$0.34408	\$0.37945	\$0.39153
3/25/2025	Short	\$0.35405	\$0.39280	\$0.40475
3/26/2025	Long	\$0.33484	\$0.33662	\$0.34349
3/27/2025	Short	\$0.32947	\$0.37431	\$0.37221
3/28/2025	Long	\$0.29270	\$0.28972	\$0.28552
3/29/2025	Long	\$0.27215	\$0.27942	\$0.27129
3/30/2025	Short	\$0.30076	\$0.34710	\$0.33001
3/31/2025	Short	\$0.30076	\$0.34710	\$0.33001
Average		\$0.34604	\$0.36879	\$0.37104

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		ripeille	Pipellile	das Pipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
1/1/2024	Long	\$0.21360	\$0.21267	\$0.21130
1/2/2024	Short	\$0.22456	\$0.21360	\$0.26366
1/3/2024	Short	\$0.23480	\$0.22764	\$0.28289
1/4/2024	Short	\$0.25987	\$0.24769	\$0.31022
1/5/2024	Short	\$0.26089	\$0.26219	\$0.31427
1/6/2024	Long	\$0.24519	\$0.23776	\$0.24926
1/7/2024	Short	\$0.25987	\$0.24519	\$0.30212
1/8/2024	Long	\$0.24519	\$0.23776	\$0.24926
1/9/2024	Long	\$0.25722	\$0.25245	\$0.25837
1/10/2024	Long	\$0.30586	\$0.30586	\$0.31201
1/11/2024	Long	\$0.29081	\$0.28895	\$0.29885
1/12/2024	Long	\$0.30034	\$0.27147	\$0.31403
1/13/2024	Long	\$2.59376	\$0.89408	\$3.16416
1/14/2024	Long	\$2.59376	\$0.89408	\$3.16416
1/15/2024	Long	\$2.59376	\$0.89408	\$3.16416
1/16/2024	Long	\$2.59376	\$0.89408	\$3.16416
1/17/2024	Long	\$0.37655	\$0.32940	\$0.44966
1/18/2024	Long	\$0.28931	\$0.24851	\$0.30138
1/19/2024	Long	\$0.30474	\$0.25721	\$0.31808
1/20/2024	Short	\$0.25672	\$0.25672	\$0.32540
1/21/2024	Long	\$0.24642	\$0.23241	\$0.26039
1/22/2024	Short	\$0.25672	\$0.25672	\$0.32540
1/23/2024	Short	\$0.21791	\$0.21325	\$0.26315
1/24/2024	Short	\$0.21689	\$0.20708	\$0.26062
1/25/2024	Short	\$0.23582	\$0.23096	\$0.27884
1/26/2024	Long	\$0.22084	\$0.22316	\$0.22446
1/27/2024	Long	\$0.21159	\$0.21159	\$0.21232
1/28/2024	Short	\$0.22150	\$0.21407	\$0.26417
1/29/2024	Long	\$0.21159	\$0.21159	\$0.21232
1/30/2024	Long	\$0.20242	\$0.20774	\$0.20827
1/31/2024	Long	\$0.19218	\$0.19386	\$0.19207
Average		\$0.55272	\$0.32496	\$0.64901

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
2/1/2024	Long	\$0.18502	\$0.18409	\$0.18651
2/2/2024	Short	\$0.19627	\$0.19053	\$0.24528
2/3/2024	Short	\$0.18604	\$0.17399	\$0.22858
2/4/2024	Short	\$0.18604	\$0.17399	\$0.22858
2/5/2024	Short	\$0.18604	\$0.17399	\$0.22858
2/6/2024	Short	\$0.19883	\$0.19254	\$0.24579
2/7/2024	Long	\$0.17632	\$0.16762	\$0.17841
2/8/2024	Long	\$0.16711	\$0.15634	\$0.16627
2/9/2024	Long	\$0.16095	\$0.15124	\$0.16120
2/10/2024	Short	\$0.18092	\$0.16797	\$0.22150
2/11/2024	Long	\$0.16797	\$0.16302	\$0.16981
2/12/2024	Short	\$0.18092	\$0.16797	\$0.22150
2/13/2024	Short	\$0.17939	\$0.16998	\$0.22909
2/14/2024	Long	\$0.15493	\$0.14451	\$0.15463
2/15/2024	Short	\$0.15841	\$0.14892	\$0.20834
2/16/2024	Short	\$0.15534	\$0.15092	\$0.20986
2/17/2024	Short	\$0.15585	\$0.14691	\$0.19872
2/18/2024	Short	\$0.15585	\$0.14691	\$0.19872
2/19/2024	Short	\$0.15585	\$0.14691	\$0.19872
2/20/2024	Long	\$0.14691	\$0.14143	\$0.14703
2/21/2024	Long	\$0.13688	\$0.13012	\$0.14147
2/22/2024	Long	\$0.14791	\$0.14246	\$0.14754
2/23/2024	Long	\$0.14051	\$0.13835	\$0.14248
2/24/2024	Long	\$0.12362	\$0.12036	\$0.13236
2/25/2024	Short	\$0.13181	\$0.12836	\$0.18455
2/26/2024	Long	\$0.12362	\$0.12036	\$0.13236
2/27/2024	Short	\$0.13488	\$0.13087	\$0.19265
2/28/2024	Short	\$0.14255	\$0.14039	\$0.19771
2/29/2024	Long	\$0.15092	\$0.14760	\$0.15311
Average		\$0.16095	\$0.15375	\$0.18798

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Tipellile	Tipellile	das i ipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
3/1/2024	Long	\$0.14665	\$0.14554	\$0.14299
3/2/2024	Long	\$0.14089	\$0.13783	\$0.13894
3/3/2024	Long	\$0.14089	\$0.13783	\$0.13894
3/4/2024	Long	\$0.14089	\$0.13783	\$0.13894
3/5/2024	Long	\$0.14614	\$0.14400	\$0.14805
3/6/2024	Long	\$0.15432	\$0.15068	\$0.15311
3/7/2024	Short	\$0.16113	\$0.15844	\$0.20249
3/8/2024	Short	\$0.15653	\$0.15042	\$0.19288
3/9/2024	Long	\$0.14741	\$0.14606	\$0.14400
3/10/2024	Long	\$0.14741	\$0.14606	\$0.14400
3/11/2024	Long	\$0.14741	\$0.14606	\$0.14400
3/12/2024	Long	\$0.13789	\$0.13475	\$0.13438
3/13/2024	Long	\$0.12836	\$0.12190	\$0.12679
3/14/2024	Long	\$0.11633	\$0.10670	\$0.11262
3/15/2024	Long	\$0.12435	\$0.12001	\$0.12123
3/16/2024	Short	\$0.13913	\$0.13137	\$0.17263
3/17/2024	Short	\$0.13913	\$0.13137	\$0.17263
3/18/2024	Short	\$0.13913	\$0.13137	\$0.17263
3/19/2024	Long	\$0.14255	\$0.14503	\$0.14299
3/20/2024	Short	\$0.15755	\$0.15493	\$0.19895
3/21/2024	Short	\$0.15448	\$0.15393	\$0.19794
3/22/2024	Short	\$0.14988	\$0.14741	\$0.18782
3/23/2024	Short	\$0.14681	\$0.13746	\$0.18377
3/24/2024	Short	\$0.14681	\$0.13746	\$0.18377
3/25/2024	Long	\$0.13738	\$0.13732	\$0.13742
3/26/2024	Short	\$0.14578	\$0.13787	\$0.18680
3/27/2024	Short	\$0.14885	\$0.14390	\$0.19085
3/28/2024	Long	\$0.12874	\$0.12498	\$0.12730
3/29/2024	Long	\$0.12874	\$0.12498	\$0.12730
3/30/2024	Long	\$0.12874	\$0.12498	\$0.12730
3/31/2024	Long	\$0.12874	\$0.12498	\$0.12730
Average		\$0.14190	\$0.13785	\$0.15551

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
4/1/2024	Long	\$0.12358	\$0.12031	\$0.14511
4/2/2024	Short	\$0.16546	\$0.16546	\$0.17295
4/3/2024	Short	\$0.17148	\$0.17148	\$0.17799
4/4/2024	Short	\$0.18502	\$0.18502	\$0.19364
4/5/2024	Long	\$0.15682	\$0.14181	\$0.15369
4/6/2024	Long	\$0.13841	\$0.11110	\$0.13250
4/7/2024	Long	\$0.13841	\$0.11110	\$0.13250
4/8/2024	Long	\$0.13841	\$0.11110	\$0.13250
4/9/2024	Long	\$0.14352	\$0.13515	\$0.13603
4/10/2024	Long	\$0.14864	\$0.14440	\$0.13906
4/11/2024	Long	\$0.14045	\$0.13310	\$0.13906
4/12/2024	Long	\$0.13125	\$0.11622	\$0.10373
4/13/2024	Long	\$0.11181	\$0.08703	\$0.08910
4/14/2024	Short	\$0.12345	\$0.11582	\$0.10987
4/15/2024	Long	\$0.11181	\$0.08703	\$0.08910
4/16/2024	Long	\$0.11590	\$0.10071	\$0.09566
4/17/2024	Long	\$0.11335	\$0.10431	\$0.10424
4/18/2024	Long	\$0.12153	\$0.11768	\$0.12392
4/19/2024	Long	\$0.12664	\$0.12641	\$0.13553
4/20/2024	Short	\$0.15107	\$0.14089	\$0.14923
4/21/2024	Long	\$0.13943	\$0.13258	\$0.13401
4/22/2024	Long	\$0.13943	\$0.13258	\$0.13401
4/23/2024	Short	\$0.15312	\$0.14641	\$0.15932
4/24/2024	Long	\$0.14557	\$0.13875	\$0.13654
4/25/2024	Long	\$0.12613	\$0.12236	\$0.12140
4/26/2024	Long	\$0.11948	\$0.11511	\$0.11282
4/27/2024	Long	\$0.11590	\$0.11716	\$0.11130
4/28/2024	Long	\$0.11590	\$0.11716	\$0.11130
4/29/2024	Short	\$0.12755	\$0.11783	\$0.12602
4/30/2024	Short	\$0.14442	\$0.13623	\$0.14317
Average		\$0.13613	\$0.12674	\$0.13151

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
5/1/2024	Long	\$0.14710	\$0.14335	\$0.14562
5/2/2024	Short	\$0.14756	\$0.14450	\$0.15413
5/3/2024	Long	\$0.14148	\$0.13875	\$0.14259
5/4/2024	Long	\$0.14199	\$0.14081	\$0.14259
5/5/2024	Long	\$0.14199	\$0.14081	\$0.14259
5/6/2024	Long	\$0.14199	\$0.14081	\$0.14259
5/7/2024	Long	\$0.15426	\$0.14954	\$0.15369
5/8/2024	Short	\$0.17671	\$0.16647	\$0.17785
5/9/2024	Short	\$0.18080	\$0.17148	\$0.18088
5/10/2024	Long	\$0.16551	\$0.16805	\$0.16278
5/11/2024	Long	\$0.16756	\$0.16599	\$0.16126
5/12/2024	Long	\$0.16756	\$0.16599	\$0.16126
5/13/2024	Short	\$0.17774	\$0.17727	\$0.17684
5/14/2024	Short	\$0.17262	\$0.17778	\$0.17937
5/15/2024	Short	\$0.18051	\$0.18546	\$0.18996
5/16/2024	Long	\$0.17932	\$0.17576	\$0.17842
5/17/2024	Long	\$0.17932	\$0.18038	\$0.18397
5/18/2024	Long	\$0.16602	\$0.16496	\$0.17388
5/19/2024	Short	\$0.18502	\$0.19263	\$0.19350
5/20/2024	Short	\$0.18502	\$0.19263	\$0.19350
5/21/2024	Short	\$0.20558	\$0.20952	\$0.20409
5/22/2024	Long	\$0.15170	\$0.15623	\$0.18246
5/23/2024	Long	\$0.15170	\$0.15777	\$0.17085
5/24/2024	Short	\$0.19555	\$0.20440	\$0.19955
5/25/2024	Long	\$0.15938	\$0.15623	\$0.15117
5/26/2024	Short	\$0.16955	\$0.18392	\$0.16625
5/27/2024	Long	\$0.15938	\$0.15623	\$0.15117
5/28/2024	Long	\$0.15938	\$0.15623	\$0.15117
5/29/2024	Short	\$0.16802	\$0.17880	\$0.16725
5/30/2024	Short	\$0.15677	\$0.16242	\$0.15969
5/31/2024	Short	\$0.14654	\$0.14809	\$0.15363
Average		\$0.16528	\$0.16623	\$0.16757

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
6/1/2024	Short	\$0.11890	\$0.14033	\$0.13046
6/2/2024	Long	\$0.10823	\$0.10791	\$0.11383
6/3/2024	Long	\$0.10823	\$0.10791	\$0.11383
6/4/2024	Long	\$0.15222	\$0.14954	\$0.14966
6/5/2024	Long	\$0.16091	\$0.15982	\$0.15874
6/6/2024	Long	\$0.16449	\$0.16291	\$0.16126
6/7/2024	Long	\$0.16602	\$0.16753	\$0.16328
6/8/2024	Short	\$0.15777	\$0.17360	\$0.16377
6/9/2024	Short	\$0.15777	\$0.17360	\$0.16377
6/10/2024	Short	\$0.15777	\$0.17360	\$0.16377
6/11/2024	Short	\$0.18452	\$0.20432	\$0.19606
6/12/2024	Long	\$0.17676	\$0.17524	\$0.17993
6/13/2024	Short	\$0.22312	\$0.24374	\$0.23744
6/14/2024	Short	\$0.21560	\$0.24169	\$0.22937
6/15/2024	Long	\$0.18597	\$0.18912	\$0.19356
6/16/2024	Short	\$0.20257	\$0.22326	\$0.21372
6/17/2024	Long	\$0.18597	\$0.18912	\$0.19356
6/18/2024	Long	\$0.15170	\$0.15571	\$0.18801
6/19/2024	Long	\$0.15989	\$0.15828	\$0.19608
6/20/2024	Long	\$0.15989	\$0.15828	\$0.19608
6/21/2024	Long	\$0.19262	\$0.19221	\$0.21728
6/22/2024	Long	\$0.20949	\$0.20608	\$0.20971
6/23/2024	Long	\$0.20949	\$0.20608	\$0.20971
6/24/2024	Long	\$0.20949	\$0.20608	\$0.20971
6/25/2024	Long	\$0.22363	\$0.22363	\$0.22182
6/26/2024	Long	\$0.22814	\$0.22814	\$0.22939
6/27/2024	Long	\$0.21307	\$0.21174	\$0.21072
6/28/2024	Long	\$0.19057	\$0.19323	\$0.18801
6/29/2024	Long	\$0.19057	\$0.19323	\$0.18801
6/30/2024	Long	\$0.19057	\$0.19323	\$0.18801
Average		\$0.17853	\$0.18364	\$0.18595

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
7/1/2024	Long	\$0.17727	\$0.18193	\$0.17792
7/2/2024	Long	\$0.16960	\$0.16908	\$0.16580
7/3/2024	Long	\$0.15631	\$0.15263	\$0.15672
7/4/2024	Short	\$0.16649	\$0.16150	\$0.16531
7/5/2024	Short	\$0.16649	\$0.16150	\$0.16531
7/6/2024	Short	\$0.16649	\$0.16150	\$0.16531
7/7/2024	Short	\$0.16649	\$0.16150	\$0.16531
7/8/2024	Short	\$0.16649	\$0.16150	\$0.16531
7/9/2024	Short	\$0.18081	\$0.17900	\$0.19609
7/10/2024	Short	\$0.19820	\$0.19631	\$0.20971
7/11/2024	Short	\$0.19513	\$0.18812	\$0.20416
7/12/2024	Short	\$0.18439	\$0.17686	\$0.19205
7/13/2024	Short	\$0.20076	\$0.19454	\$0.20770
7/14/2024	Short	\$0.20076	\$0.19454	\$0.20770
7/15/2024	Long	\$0.19057	\$0.18604	\$0.19104
7/16/2024	Long	\$0.18188	\$0.18379	\$0.18851
7/17/2024	Short	\$0.18235	\$0.17839	\$0.19357
7/18/2024	Long	\$0.16398	\$0.16394	\$0.16580
7/19/2024	Short	\$0.16701	\$0.16211	\$0.17540
7/20/2024	Short	\$0.17468	\$0.16160	\$0.17389
7/21/2024	Short	\$0.17468	\$0.16160	\$0.17389
7/22/2024	Short	\$0.17468	\$0.16160	\$0.17389
7/23/2024	Short	\$0.18797	\$0.18556	\$0.19407
7/24/2024	Long	\$0.18188	\$0.18193	\$0.18347
7/25/2024	Short	\$0.18900	\$0.17805	\$0.19104
7/26/2024	Short	\$0.17672	\$0.17123	\$0.17792
7/27/2024	Long	\$0.16697	\$0.16651	\$0.15975
7/28/2024	Short	\$0.17877	\$0.16918	\$0.17691
7/29/2024	Short	\$0.17877	\$0.16918	\$0.17691
7/30/2024	Short	\$0.17570	\$0.17430	\$0.18600
7/31/2024	Short	\$0.18439	\$0.17700	\$0.19256
Average		\$0.17825	\$0.17331	\$0.18126

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
8/1/2024	Short	\$0.18402	\$0.18402	\$0.19782
8/2/2024	Short	\$0.18301	\$0.18332	\$0.19984
8/3/2024	Long	\$0.16807	\$0.17449	\$0.17236
8/4/2024	Short	\$0.17582	\$0.17615	\$0.18773
8/5/2024	Long	\$0.16807	\$0.17449	\$0.17236
8/6/2024	Short	\$0.17531	\$0.17148	\$0.18419
8/7/2024	Short	\$0.17889	\$0.17769	\$0.18419
8/8/2024	Short	\$0.17736	\$0.18076	\$0.18823
8/9/2024	Short	\$0.17122	\$0.17411	\$0.18066
8/10/2024	Short	\$0.18349	\$0.18179	\$0.18722
8/11/2024	Short	\$0.18349	\$0.18179	\$0.18722
8/12/2024	Short	\$0.18349	\$0.18179	\$0.18722
8/13/2024	Short	\$0.18247	\$0.18588	\$0.19277
8/14/2024	Short	\$0.17750	\$0.18179	\$0.19025
8/15/2024	Short	\$0.18605	\$0.18639	\$0.19681
8/16/2024	Short	\$0.18707	\$0.19151	\$0.19631
8/17/2024	Short	\$0.18349	\$0.18742	\$0.19277
8/18/2024	Short	\$0.18349	\$0.18742	\$0.19277
8/19/2024	Short	\$0.18349	\$0.18742	\$0.19277
8/20/2024	Short	\$0.18810	\$0.18793	\$0.19328
8/21/2024	Long	\$0.17011	\$0.17010	\$0.16429
8/22/2024	Long	\$0.15989	\$0.15982	\$0.15773
8/23/2024	Short	\$0.16099	\$0.16387	\$0.16401
8/24/2024	Long	\$0.13790	\$0.13464	\$0.14108
8/25/2024	Long	\$0.13790	\$0.13464	\$0.14108
8/26/2024	Short	\$0.15393	\$0.15977	\$0.16451
8/27/2024	Short	\$0.17499	\$0.17499	\$0.19126
8/28/2024	Long	\$0.15477	\$0.15468	\$0.16429
8/29/2024	Long	\$0.14659	\$0.14338	\$0.15218
8/30/2024	Short	\$0.15393	\$0.15619	\$0.16704
8/31/2024	Long	\$0.14454	\$0.14543	\$0.14966
Average		\$0.17095	\$0.17210	\$0.17851

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
9/1/2024	Short	\$0.16437	\$0.16899	\$0.17461
9/2/2024	Short	\$0.16437	\$0.16899	\$0.17461
9/3/2024	Short	\$0.16437	\$0.16899	\$0.17461
9/4/2024	Long	\$0.16725	\$0.16725	\$0.16558
9/5/2024	Long	\$0.17914	\$0.18087	\$0.18079
9/6/2024	Short	\$0.18493	\$0.18696	\$0.19236
9/7/2024	Short	\$0.18955	\$0.18902	\$0.19540
9/8/2024	Short	\$0.18955	\$0.18902	\$0.19540
9/9/2024	Short	\$0.18955	\$0.18902	\$0.19540
9/10/2024	Long	\$0.17863	\$0.17778	\$0.17927
9/11/2024	Short	\$0.18544	\$0.18902	\$0.19135
9/12/2024	Short	\$0.18338	\$0.19056	\$0.19642
9/13/2024	Short	\$0.18388	\$0.19312	\$0.19490
9/14/2024	Long	\$0.18120	\$0.18241	\$0.18941
9/15/2024	Long	\$0.18120	\$0.18241	\$0.18941
9/16/2024	Long	\$0.18120	\$0.18241	\$0.18941
9/17/2024	Short	\$0.19748	\$0.20237	\$0.20808
9/18/2024	Long	\$0.19302	\$0.18808	\$0.20107
9/19/2024	Long	\$0.18993	\$0.18602	\$0.19853
9/20/2024	Short	\$0.19093	\$0.19775	\$0.19895
9/21/2024	Long	\$0.17657	\$0.17829	\$0.18586
9/22/2024	Short	\$0.19547	\$0.20185	\$0.20047
9/23/2024	Short	\$0.19547	\$0.20185	\$0.20047
9/24/2024	Short	\$0.22317	\$0.22445	\$0.23647
9/25/2024	Long	\$0.22847	\$0.21952	\$0.23453
9/26/2024	Short	\$0.23580	\$0.24396	\$0.24509
9/27/2024	Short	\$0.23375	\$0.24807	\$0.24763
9/28/2024	Short	\$0.22809	\$0.24242	\$0.23901
9/29/2024	Short	\$0.22809	\$0.24242	\$0.23901
9/30/2024	Short	\$0.22809	\$0.24242	\$0.23901
Average		\$0.19374	\$0.19754	\$0.20177

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
10/1/2024	Short	\$0.24203	\$0.25059	\$0.25102
10/2/2024	Long	\$0.24697	\$0.24426	\$0.24416
10/3/2024	Long	\$0.24954	\$0.24838	\$0.24619
10/4/2024	Long	\$0.23515	\$0.23344	\$0.23098
10/5/2024	Long	\$0.21563	\$0.21849	\$0.20259
10/6/2024	Long	\$0.21563	\$0.21849	\$0.20259
10/7/2024	Long	\$0.21563	\$0.21849	\$0.20259
10/8/2024	Short	\$0.24081	\$0.24495	\$0.25203
10/9/2024	Long	\$0.23258	\$0.23859	\$0.23656
10/10/2024	Short	\$0.23433	\$0.23159	\$0.23987
10/11/2024	Long	\$0.21662	\$0.21662	\$0.21374
10/12/2024	Short	\$0.21737	\$0.22030	\$0.23023
10/13/2024	Short	\$0.21737	\$0.22030	\$0.23023
10/14/2024	Short	\$0.21737	\$0.22030	\$0.23023
10/15/2024	Short	\$0.21737	\$0.22030	\$0.23023
10/16/2024	Short	\$0.20453	\$0.20453	\$0.22009
10/17/2024	Short	\$0.19527	\$0.19496	\$0.20945
10/18/2024	Long	\$0.17606	\$0.17675	\$0.17420
10/19/2024	Long	\$0.13495	\$0.13448	\$0.13008
10/20/2024	Long	\$0.13495	\$0.13448	\$0.13008
10/21/2024	Long	\$0.13495	\$0.13448	\$0.13008
10/22/2024	Long	\$0.12519	\$0.12418	\$0.13870
10/23/2024	Short	\$0.17280	\$0.17280	\$0.18967
10/24/2024	Short	\$0.19373	\$0.18640	\$0.20336
10/25/2024	Short	\$0.19395	\$0.19462	\$0.20843
10/26/2024	Short	\$0.19345	\$0.19345	\$0.19981
10/27/2024	Short	\$0.19345	\$0.19345	\$0.19981
10/28/2024	Short	\$0.19345	\$0.19345	\$0.19981
10/29/2024	Long	\$0.18223	\$0.18602	\$0.18129
10/30/2024	Long	\$0.17709	\$0.17571	\$0.17470
10/31/2024	Short	\$0.18551	\$0.18338	\$0.19930
Average		\$0.20019	\$0.20091	\$0.20426

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Pipelille	Pipellile	das Pipelille
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
11/1/2024	Long	\$0.16116	\$0.16346	\$0.16858
11/2/2024	Short	\$0.11688	\$0.12055	\$0.13894
11/3/2024	Short	\$0.11688	\$0.12055	\$0.13894
11/4/2024	Short	\$0.11688	\$0.12055	\$0.13894
11/5/2024	Short	\$0.11587	\$0.11953	\$0.14250
11/6/2024	Short	\$0.15307	\$0.15164	\$0.18623
11/7/2024	Long	\$0.16578	\$0.16861	\$0.17722
11/8/2024	Long	\$0.14163	\$0.13614	\$0.14570
11/9/2024	Short	\$0.10882	\$0.11439	\$0.13996
11/10/2024	Short	\$0.10882	\$0.11439	\$0.13996
11/11/2024	Short	\$0.10882	\$0.11439	\$0.13996
11/12/2024	Short	\$0.10882	\$0.11439	\$0.13996
11/13/2024	Short	\$0.18287	\$0.18287	\$0.21216
11/14/2024	Short	\$0.20445	\$0.20220	\$0.22843
11/15/2024	Short	\$0.18236	\$0.18166	\$0.20759
11/16/2024	Short	\$0.17362	\$0.16071	\$0.19132
11/17/2024	Short	\$0.17362	\$0.16071	\$0.19132
11/18/2024	Long	\$0.16071	\$0.14964	\$0.16349
11/19/2024	Short	\$0.19520	\$0.18782	\$0.21420
11/20/2024	Short	\$0.20599	\$0.20101	\$0.23098
11/21/2024	Short	\$0.23271	\$0.22872	\$0.26047
11/22/2024	Short	\$0.29026	\$0.27768	\$0.31233
11/23/2024	Short	\$0.24145	\$0.23980	\$0.27064
11/24/2024	Short	\$0.24145	\$0.23980	\$0.27064
11/25/2024	Short	\$0.24145	\$0.23980	\$0.27064
11/26/2024	Short	\$0.27809	\$0.27809	\$0.31233
11/27/2024	Short	\$0.32366	\$0.31464	\$0.36012
11/28/2024	Short	\$0.32366	\$0.31464	\$0.36012
11/29/2024	Short	\$0.32366	\$0.31464	\$0.36012
11/30/2024	Short	\$0.32366	\$0.31464	\$0.36012
Average		\$0.19408	\$0.19159	\$0.21913

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
12/1/2024	Short	\$0.29370	\$0.29370	\$0.35743
12/2/2024	Short	\$0.29370	\$0.29370	\$0.35743
12/3/2024	Long	\$0.28564	\$0.28564	\$0.28603
12/4/2024	Short	\$0.27859	\$0.28492	\$0.33760
12/5/2024	Short	\$0.27651	\$0.27355	\$0.33201
12/6/2024	Short	\$0.28165	\$0.28441	\$0.33608
12/7/2024	Long	\$0.25982	\$0.25983	\$0.26163
12/8/2024	Long	\$0.25982	\$0.25983	\$0.26163
12/9/2024	Long	\$0.25982	\$0.25983	\$0.26163
12/10/2024	Long	\$0.27266	\$0.27758	\$0.27942
12/11/2024	Short	\$0.28473	\$0.27810	\$0.34421
12/12/2024	Short	\$0.30323	\$0.30076	\$0.36353
12/13/2024	Short	\$0.29347	\$0.29519	\$0.35387
12/14/2024	Short	\$0.28062	\$0.28184	\$0.33150
12/15/2024	Short	\$0.28062	\$0.28184	\$0.33150
12/16/2024	Long	\$0.27420	\$0.27375	\$0.27535
12/17/2024	Short	\$0.27959	\$0.27619	\$0.33608
12/18/2024	Short	\$0.27754	\$0.27568	\$0.33913
12/19/2024	Short	\$0.28884	\$0.28903	\$0.34726
12/20/2024	Short	\$0.29572	\$0.29878	\$0.35794
12/21/2024	Long	\$0.28191	\$0.28199	\$0.28349
12/22/2024	Long	\$0.28191	\$0.28199	\$0.28349
12/23/2024	Long	\$0.28191	\$0.28199	\$0.28349
12/24/2024	Long	\$0.26598	\$0.26498	\$0.26722
12/25/2024	Short	\$0.28165	\$0.27859	\$0.33302
12/26/2024	Short	\$0.28165	\$0.27859	\$0.33302
12/27/2024	Long	\$0.25571	\$0.25519	\$0.26010
12/28/2024	Long	\$0.23310	\$0.23303	\$0.23569
12/29/2024	Short	\$0.23951	\$0.23577	\$0.29286
12/30/2024	Long	\$0.23310	\$0.23303	\$0.23569
12/31/2024	Long	\$0.28705	\$0.28818	\$0.29569
Average		\$0.27561	\$0.27540	\$0.30823

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Pipelille	Pipellile	Gas Pipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
1/1/2023	Long	\$0.31420	\$0.26187	\$0.35003
1/2/2023	Long	\$0.31420	\$0.26187	\$0.35003
1/3/2023	Long	\$0.31420	\$0.26187	\$0.35003
1/4/2023	Long	\$0.33564	\$0.30605	\$0.33887
1/5/2023	Short	\$0.35771	\$0.34469	\$0.38436
1/6/2023	Short	\$0.34161	\$0.33966	\$0.37625
1/7/2023	Short	\$0.33306	\$0.32660	\$0.36307
1/8/2023	Short	\$0.33306	\$0.32660	\$0.36307
1/9/2023	Short	\$0.33306	\$0.32660	\$0.36307
1/10/2023	Long	\$0.34236	\$0.31830	\$0.34597
1/11/2023	Long	\$0.31153	\$0.28034	\$0.31657
1/12/2023	Short	\$0.31999	\$0.31605	\$0.35091
1/13/2023	Short	\$0.33765	\$0.34016	\$0.37118
1/14/2023	Short	\$0.30842	\$0.30600	\$0.33570
1/15/2023	Long	\$0.30263	\$0.28545	\$0.30339
1/16/2023	Long	\$0.30263	\$0.28545	\$0.30339
1/17/2023	Long	\$0.30263	\$0.28545	\$0.30339
1/18/2023	Long	\$0.31303	\$0.28958	\$0.32012
1/19/2023	Long	\$0.29861	\$0.28547	\$0.30694
1/20/2023	Short	\$0.30540	\$0.29495	\$0.33063
1/21/2023	Long	\$0.30112	\$0.29111	\$0.30897
1/22/2023	Short	\$0.30851	\$0.30851	\$0.34026
1/23/2023	Short	\$0.30851	\$0.30851	\$0.34026
1/24/2023	Long	\$0.31118	\$0.30651	\$0.32062
1/25/2023	Short	\$0.32250	\$0.31817	\$0.35293
1/26/2023	Long	\$0.29796	\$0.28188	\$0.30085
1/27/2023	Long	\$0.27044	\$0.23806	\$0.28108
1/28/2023	Long	\$0.39517	\$0.24545	\$0.78091
1/29/2023	Long	\$0.39517	\$0.24545	\$0.78091
1/30/2023	Long	\$0.39517	\$0.24545	\$0.78091
1/31/2023	Long	\$0.31756	\$0.27316	\$0.35712
Average		\$0.32403	\$0.29372	\$0.37974

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
2/1/2023	Long	\$0.27887	\$0.27059	\$0.28514
2/2/2023	Short	\$0.27923	\$0.27203	\$0.38320
2/3/2023	Long	\$0.27799	\$0.25197	\$0.28261
2/4/2023	Long	\$0.23415	\$0.20973	\$0.22989
2/5/2023	Long	\$0.23415	\$0.20973	\$0.22989
2/6/2023	Long	\$0.23415	\$0.20973	\$0.22989
2/7/2023	Long	\$0.21757	\$0.20185	\$0.21772
2/8/2023	Long	\$0.23625	\$0.21980	\$0.24661
2/9/2023	Long	\$0.24470	\$0.22415	\$0.25016
2/10/2023	Long	\$0.23373	\$0.22545	\$0.23901
2/11/2023	Long	\$0.22921	\$0.22391	\$0.22786
2/12/2023	Long	\$0.22921	\$0.22391	\$0.22786
2/13/2023	Long	\$0.22921	\$0.22391	\$0.22786
2/14/2023	Long	\$0.22569	\$0.21797	\$0.22786
2/15/2023	Long	\$0.23515	\$0.22750	\$0.24002
2/16/2023	Short	\$0.24704	\$0.24443	\$0.33251
2/17/2023	Short	\$0.24704	\$0.24597	\$0.33200
2/18/2023	Long	\$0.21556	\$0.21057	\$0.21772
2/19/2023	Long	\$0.21556	\$0.21057	\$0.21772
2/20/2023	Long	\$0.21556	\$0.21057	\$0.21772
2/21/2023	Short	\$0.22290	\$0.21794	\$0.30412
2/22/2023	Short	\$0.21737	\$0.21505	\$0.30970
2/23/2023	Short	\$0.22793	\$0.22058	\$0.32998
2/24/2023	Short	\$0.23246	\$0.22912	\$0.33048
2/25/2023	Long	\$0.22309	\$0.21313	\$0.22279
2/26/2023	Long	\$0.22309	\$0.21313	\$0.22279
2/27/2023	Long	\$0.22309	\$0.21313	\$0.22279
2/28/2023	Long	\$0.23776	\$0.23754	\$0.24104
Average		\$0.23456	\$0.22478	\$0.25882

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Tipemie	Tipellile	dus i ipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
3/1/2023	Short	\$0.24369	\$0.26056	\$0.31267
3/2/2023	Short	\$0.25818	\$0.26911	\$0.32230
3/3/2023	Long	\$0.26240	\$0.26124	\$0.26537
3/4/2023	Long	\$0.25575	\$0.25042	\$0.26537
3/5/2023	Short	\$0.26170	\$0.27185	\$0.32939
3/6/2023	Short	\$0.26170	\$0.27185	\$0.32939
3/7/2023	Short	\$0.24520	\$0.25902	\$0.31621
3/8/2023	Short	\$0.25717	\$0.26775	\$0.32686
3/9/2023	Short	\$0.25064	\$0.26569	\$0.32483
3/10/2023	Long	\$0.24329	\$0.24115	\$0.25675
3/11/2023	Long	\$0.23977	\$0.22442	\$0.24966
3/12/2023	Short	\$0.24360	\$0.24851	\$0.31926
3/13/2023	Long	\$0.23977	\$0.22442	\$0.24966
3/14/2023	Long	\$0.25575	\$0.24115	\$0.26740
3/15/2023	Long	\$0.24681	\$0.23394	\$0.25219
3/16/2023	Short	\$0.24158	\$0.24181	\$0.30709
3/17/2023	Short	\$0.25224	\$0.25469	\$0.32078
3/18/2023	Short	\$0.23867	\$0.25108	\$0.30557
3/19/2023	Short	\$0.23867	\$0.25108	\$0.30557
3/20/2023	Long	\$0.23373	\$0.22545	\$0.24053
3/21/2023	Long	\$0.21412	\$0.19518	\$0.22025
3/22/2023	Long	\$0.19903	\$0.15875	\$0.20200
3/23/2023	Short	\$0.21996	\$0.22739	\$0.28681
3/24/2023	Short	\$0.21443	\$0.22584	\$0.28529
3/25/2023	Short	\$0.21543	\$0.22945	\$0.28732
3/26/2023	Short	\$0.21543	\$0.22945	\$0.28732
3/27/2023	Short	\$0.21543	\$0.22945	\$0.28732
3/28/2023	Long	\$0.21412	\$0.19672	\$0.21975
3/29/2023	Long	\$0.21010	\$0.19261	\$0.22127
3/30/2023	Long	\$0.19098	\$0.18800	\$0.20200
3/31/2023	Long	\$0.19596	\$0.18913	\$0.19947
Average		\$0.23469	\$0.23475	\$0.27631

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
4/1/2023	Short	\$0.21939	\$0.21023	\$0.22752
4/2/2023	Short	\$0.21939	\$0.21023	\$0.22752
4/3/2023	Short	\$0.21939	\$0.21023	\$0.22752
4/4/2023	Short	\$0.21426	\$0.20714	\$0.22295
4/5/2023	Short	\$0.21682	\$0.21355	\$0.23462
4/6/2023	Short	\$0.22144	\$0.21706	\$0.23817
4/7/2023	Short	\$0.21528	\$0.21023	\$0.21433
4/8/2023	Short	\$0.21528	\$0.21023	\$0.21433
4/9/2023	Short	\$0.21528	\$0.21023	\$0.21433
4/10/2023	Long	\$0.20183	\$0.19240	\$0.19908
4/11/2023	Long	\$0.19295	\$0.18850	\$0.18590
4/12/2023	Long	\$0.18943	\$0.18129	\$0.17626
4/13/2023	Long	\$0.18189	\$0.17202	\$0.17626
4/14/2023	Long	\$0.15727	\$0.14884	\$0.15141
4/15/2023	Long	\$0.16933	\$0.15136	\$0.16054
4/16/2023	Short	\$0.18350	\$0.17624	\$0.17528
4/17/2023	Short	\$0.18350	\$0.17624	\$0.17528
4/18/2023	Long	\$0.20542	\$0.19907	\$0.19959
4/19/2023	Short	\$0.22041	\$0.21023	\$0.21585
4/20/2023	Short	\$0.21375	\$0.20869	\$0.21230
4/21/2023	Short	\$0.22349	\$0.21487	\$0.21839
4/22/2023	Short	\$0.22503	\$0.22414	\$0.22853
4/23/2023	Short	\$0.22503	\$0.22414	\$0.22853
4/24/2023	Short	\$0.22503	\$0.22414	\$0.22853
4/25/2023	Long	\$0.21875	\$0.20215	\$0.21632
4/26/2023	Long	\$0.21465	\$0.20266	\$0.21227
4/27/2023	Long	\$0.19897	\$0.19674	\$0.19198
4/28/2023	Long	\$0.19596	\$0.19548	\$0.19452
4/29/2023	Long	\$0.19596	\$0.19548	\$0.19452
4/30/2023	Short	\$0.21375	\$0.21023	\$0.20926
Average		\$0.20641	\$0.19980	\$0.20573

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
5/1/2023	Short	\$0.22008	\$0.21813	\$0.22760
5/2/2023	Short	\$0.21706	\$0.21968	\$0.22304
5/3/2023	Long	\$0.20234	\$0.19983	\$0.19503
5/4/2023	Long	\$0.18541	\$0.18232	\$0.17981
5/5/2023	Long	\$0.17312	\$0.17408	\$0.16815
5/6/2023	Long	\$0.15979	\$0.16330	\$0.16003
5/7/2023	Short	\$0.16778	\$0.17372	\$0.17080
5/8/2023	Short	\$0.16778	\$0.17372	\$0.17080
5/9/2023	Short	\$0.19345	\$0.19989	\$0.20732
5/10/2023	Short	\$0.20419	\$0.20963	\$0.19971
5/11/2023	Long	\$0.17927	\$0.17938	\$0.17677
5/12/2023	Long	\$0.17824	\$0.17650	\$0.17525
5/13/2023	Long	\$0.18440	\$0.17906	\$0.17474
5/14/2023	Long	\$0.18440	\$0.17906	\$0.17474
5/15/2023	Short	\$0.19239	\$0.18826	\$0.19058
5/16/2023	Long	\$0.21926	\$0.21426	\$0.21632
5/17/2023	Long	\$0.23465	\$0.22677	\$0.22951
5/18/2023	Long	\$0.21413	\$0.21220	\$0.21430
5/19/2023	Long	\$0.20551	\$0.20551	\$0.20517
5/20/2023	Long	\$0.22209	\$0.21735	\$0.21683
5/21/2023	Short	\$0.23034	\$0.22759	\$0.22557
5/22/2023	Short	\$0.23034	\$0.22759	\$0.22557
5/23/2023	Short	\$0.21598	\$0.21989	\$0.21797
5/24/2023	Short	\$0.22059	\$0.21938	\$0.21949
5/25/2023	Long	\$0.20542	\$0.20852	\$0.20314
5/26/2023	Long	\$0.19055	\$0.19520	\$0.18488
5/27/2023	Short	\$0.16984	\$0.17936	\$0.16725
5/28/2023	Long	\$0.16184	\$0.16017	\$0.15800
5/29/2023	Long	\$0.16184	\$0.16017	\$0.15800
5/30/2023	Long	\$0.16184	\$0.16017	\$0.15800
5/31/2023	Long	\$0.19260	\$0.19159	\$0.19604
Average		\$0.19505	\$0.19491	\$0.19324

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
6/1/2023	Long	\$0.19004	\$0.19056	\$0.19655
6/2/2023	Long	\$0.16799	\$0.16841	\$0.17474
6/3/2023	Long	\$0.17055	\$0.16624	\$0.17474
6/4/2023	Short	\$0.17794	\$0.17184	\$0.18415
6/5/2023	Short	\$0.17794	\$0.17184	\$0.18415
6/6/2023	Short	\$0.19640	\$0.19315	\$0.20140
6/7/2023	Long	\$0.19043	\$0.19043	\$0.19046
6/8/2023	Long	\$0.19697	\$0.19697	\$0.19858
6/9/2023	Short	\$0.20255	\$0.19777	\$0.20190
6/10/2023	Long	\$0.17285	\$0.17285	\$0.17525
6/11/2023	Short	\$0.18050	\$0.17879	\$0.18365
6/12/2023	Short	\$0.18050	\$0.17879	\$0.18365
6/13/2023	Short	\$0.19435	\$0.19029	\$0.20190
6/14/2023	Short	\$0.20921	\$0.20290	\$0.21103
6/15/2023	Long	\$0.19998	\$0.19998	\$0.20263
6/16/2023	Long	\$0.20500	\$0.20500	\$0.20517
6/17/2023	Long	\$0.20350	\$0.20350	\$0.20770
6/18/2023	Short	\$0.21280	\$0.20677	\$0.21610
6/19/2023	Long	\$0.20350	\$0.20350	\$0.20770
6/20/2023	Long	\$0.20350	\$0.20350	\$0.20770
6/21/2023	Long	\$0.22644	\$0.22912	\$0.22951
6/22/2023	Short	\$0.22818	\$0.22137	\$0.22878
6/23/2023	Long	\$0.22182	\$0.22209	\$0.22342
6/24/2023	Long	\$0.21606	\$0.21606	\$0.21785
6/25/2023	Long	\$0.21606	\$0.21606	\$0.21785
6/26/2023	Long	\$0.21606	\$0.21606	\$0.21785
6/27/2023	Long	\$0.23616	\$0.23616	\$0.24168
6/28/2023	Long	\$0.24972	\$0.24877	\$0.25436
6/29/2023	Short	\$0.25638	\$0.25420	\$0.25617
6/30/2023	Long	\$0.24168	\$0.24052	\$0.24371
Average		\$0.20484	\$0.20312	\$0.20801

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
7/1/2023	Short	\$0.23481	\$0.23163	\$0.23851
7/2/2023	Short	\$0.23481	\$0.23163	\$0.23851
7/3/2023	Long	\$0.22812	\$0.22812	\$0.23052
7/4/2023	Long	\$0.22812	\$0.22812	\$0.23052
7/5/2023	Long	\$0.22812	\$0.22812	\$0.23052
7/6/2023	Long	\$0.23259	\$0.23755	\$0.23864
7/7/2023	Short	\$0.22712	\$0.21606	\$0.22482
7/8/2023	Short	\$0.21687	\$0.20957	\$0.21620
7/9/2023	Short	\$0.21687	\$0.20957	\$0.21620
7/10/2023	Long	\$0.20601	\$0.20601	\$0.20872
7/11/2023	Long	\$0.23164	\$0.23036	\$0.23255
7/12/2023	Long	\$0.23567	\$0.24011	\$0.23712
7/13/2023	Short	\$0.24096	\$0.23922	\$0.24713
7/14/2023	Short	\$0.23430	\$0.23266	\$0.24054
7/15/2023	Short	\$0.23532	\$0.23304	\$0.23902
7/16/2023	Short	\$0.23532	\$0.23304	\$0.23902
7/17/2023	Short	\$0.23532	\$0.23304	\$0.23902
7/18/2023	Short	\$0.22762	\$0.22762	\$0.23598
7/19/2023	Short	\$0.24096	\$0.23665	\$0.24460
7/20/2023	Short	\$0.23943	\$0.23613	\$0.24561
7/21/2023	Short	\$0.24865	\$0.24489	\$0.25373
7/22/2023	Long	\$0.24018	\$0.24018	\$0.24270
7/23/2023	Short	\$0.25122	\$0.24651	\$0.25575
7/24/2023	Short	\$0.25122	\$0.24651	\$0.25575
7/25/2023	Short	\$0.25429	\$0.24746	\$0.25474
7/26/2023	Short	\$0.25173	\$0.24334	\$0.25525
7/27/2023	Short	\$0.25224	\$0.24540	\$0.25778
7/28/2023	Short	\$0.24558	\$0.23817	\$0.24866
7/29/2023	Short	\$0.23532	\$0.23830	\$0.23598
7/30/2023	Short	\$0.23532	\$0.23830	\$0.23598
7/31/2023	Short	\$0.23532	\$0.23830	\$0.23598
Average		\$0.23584	\$0.23341	\$0.23890

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
8/1/2023	Short	\$0.24045	\$0.23881	\$0.23870
8/2/2023	Short	\$0.23481	\$0.22958	\$0.23414
8/3/2023	Short	\$0.23071	\$0.22480	\$0.23363
8/4/2023	Short	\$0.23379	\$0.22907	\$0.23617
8/5/2023	Long	\$0.22611	\$0.22611	\$0.22596
8/6/2023	Short	\$0.23481	\$0.23061	\$0.23668
8/7/2023	Short	\$0.23481	\$0.23061	\$0.23668
8/8/2023	Short	\$0.25019	\$0.24283	\$0.25189
8/9/2023	Short	\$0.25276	\$0.24695	\$0.25544
8/10/2023	Short	\$0.27583	\$0.27062	\$0.27725
8/11/2023	Short	\$0.26968	\$0.26395	\$0.27522
8/12/2023	Short	\$0.25942	\$0.25472	\$0.25848
8/13/2023	Short	\$0.25942	\$0.25472	\$0.25848
8/14/2023	Short	\$0.25942	\$0.25472	\$0.25848
8/15/2023	Short	\$0.25481	\$0.25369	\$0.25848
8/16/2023	Long	\$0.24721	\$0.24721	\$0.24523
8/17/2023	Short	\$0.24865	\$0.24334	\$0.24885
8/18/2023	Long	\$0.23669	\$0.23766	\$0.22951
8/19/2023	Long	\$0.22812	\$0.22812	\$0.22545
8/20/2023	Long	\$0.22812	\$0.22812	\$0.22545
8/21/2023	Long	\$0.22812	\$0.22812	\$0.22545
8/22/2023	Long	\$0.24131	\$0.24155	\$0.24422
8/23/2023	Long	\$0.23874	\$0.24258	\$0.24523
8/24/2023	Long	\$0.22695	\$0.23383	\$0.22697
8/25/2023	Short	\$0.22866	\$0.22855	\$0.23008
8/26/2023	Short	\$0.22507	\$0.22804	\$0.22653
8/27/2023	Short	\$0.22507	\$0.22804	\$0.22653
8/28/2023	Short	\$0.22507	\$0.22804	\$0.22653
8/29/2023	Short	\$0.23917	\$0.24343	\$0.24783
8/30/2023	Short	\$0.24045	\$0.23522	\$0.24428
8/31/2023	Short	\$0.24250	\$0.23830	\$0.24276
Average		\$0.24087	\$0.23909	\$0.24183

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
9/1/2023	Short	\$0.23666	\$0.24528	\$0.23903
9/2/2023	Long	\$0.23165	\$0.23165	\$0.23054
9/3/2023	Long	\$0.23165	\$0.23165	\$0.23054
9/4/2023	Short	\$0.23936	\$0.23657	\$0.23801
9/5/2023	Short	\$0.23936	\$0.23657	\$0.23801
9/6/2023	Short	\$0.23476	\$0.23555	\$0.23801
9/7/2023	Short	\$0.23425	\$0.23453	\$0.23397
9/8/2023	Short	\$0.23425	\$0.23504	\$0.23953
9/9/2023	Short	\$0.23885	\$0.23555	\$0.24055
9/10/2023	Short	\$0.23885	\$0.23555	\$0.24055
9/11/2023	Short	\$0.23885	\$0.23555	\$0.24055
9/12/2023	Short	\$0.23885	\$0.23315	\$0.24409
9/13/2023	Short	\$0.24192	\$0.23657	\$0.24561
9/14/2023	Long	\$0.22852	\$0.23397	\$0.23510
9/15/2023	Long	\$0.23619	\$0.24053	\$0.23915
9/16/2023	Long	\$0.23312	\$0.23436	\$0.23409
9/17/2023	Short	\$0.23885	\$0.23862	\$0.24409
9/18/2023	Long	\$0.23312	\$0.23436	\$0.23409
9/19/2023	Short	\$0.23416	\$0.23811	\$0.24055
9/20/2023	Long	\$0.22903	\$0.23385	\$0.23409
9/21/2023	Long	\$0.21778	\$0.21946	\$0.22093
9/22/2023	Short	\$0.21961	\$0.22890	\$0.22334
9/23/2023	Long	\$0.19884	\$0.20661	\$0.20676
9/24/2023	Short	\$0.21159	\$0.21968	\$0.21322
9/25/2023	Short	\$0.21159	\$0.21968	\$0.21322
9/26/2023	Short	\$0.21861	\$0.22480	\$0.22536
9/27/2023	Short	\$0.22262	\$0.22736	\$0.22739
9/28/2023	Long	\$0.21112	\$0.21021	\$0.22346
9/29/2023	Long	\$0.20805	\$0.20866	\$0.21891
9/30/2023	Long	\$0.20805	\$0.20866	\$0.21891
Average		\$0.22800	\$0.22970	\$0.23172

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
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Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
10/1/2023	Long	\$0.20856	\$0.20968	\$0.21029
10/2/2023	Long	\$0.20856	\$0.20968	\$0.21029
10/3/2023	Long	\$0.22084	\$0.22305	\$0.22396
10/4/2023	Long	\$0.23516	\$0.23590	\$0.23560
10/5/2023	Long	\$0.25307	\$0.25903	\$0.25432
10/6/2023	Long	\$0.25358	\$0.25722	\$0.25381
10/7/2023	Long	\$0.25409	\$0.25851	\$0.25078
10/8/2023	Short	\$0.26363	\$0.26576	\$0.26680
10/9/2023	Short	\$0.26363	\$0.26576	\$0.26680
10/10/2023	Short	\$0.26209	\$0.25321	\$0.26730
10/11/2023	Short	\$0.26056	\$0.25500	\$0.26629
10/12/2023	Short	\$0.24981	\$0.24630	\$0.25060
10/13/2023	Long	\$0.22663	\$0.22663	\$0.22294
10/14/2023	Short	\$0.18893	\$0.18803	\$0.19494
10/15/2023	Short	\$0.18893	\$0.18803	\$0.19494
10/16/2023	Short	\$0.18893	\$0.18803	\$0.19494
10/17/2023	Short	\$0.19967	\$0.19705	\$0.20152
10/18/2023	Long	\$0.20858	\$0.20171	\$0.20321
10/19/2023	Short	\$0.24367	\$0.23760	\$0.24352
10/20/2023	Long	\$0.22288	\$0.22413	\$0.21839
10/21/2023	Short	\$0.19302	\$0.18602	\$0.19140
10/22/2023	Short	\$0.19302	\$0.18602	\$0.19140
10/23/2023	Long	\$0.18349	\$0.17781	\$0.17588
10/24/2023	Long	\$0.19321	\$0.19529	\$0.19562
10/25/2023	Long	\$0.19423	\$0.19478	\$0.19916
10/26/2023	Long	\$0.20558	\$0.20558	\$0.20473
10/27/2023	Short	\$0.24726	\$0.23666	\$0.25010
10/28/2023	Long	\$0.29232	\$0.28618	\$0.31707
10/29/2023	Short	\$0.30354	\$0.29232	\$0.33461
10/30/2023	Short	\$0.30354	\$0.29232	\$0.33461
10/31/2023	Short	\$0.34547	\$0.34547	\$0.36953
Average		\$0.23408	\$0.23190	\$0.23856

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
11/1/2023	Short	\$0.30585	\$0.30435	\$0.32275
11/2/2023	Long	\$0.27251	\$0.26993	\$0.27254
11/3/2023	Short	\$0.26134	\$0.25675	\$0.27518
11/4/2023	Short	\$0.21683	\$0.20959	\$0.23217
11/5/2023	Short	\$0.21683	\$0.20959	\$0.23217
11/6/2023	Long	\$0.20959	\$0.20465	\$0.20776
11/7/2023	Short	\$0.18664	\$0.18452	\$0.19978
11/8/2023	Short	\$0.18153	\$0.17549	\$0.19928
11/9/2023	Short	\$0.22655	\$0.22012	\$0.23369
11/10/2023	Short	\$0.22143	\$0.21861	\$0.23419
11/11/2023	Long	\$0.21572	\$0.21647	\$0.21839
11/12/2023	Long	\$0.21572	\$0.21647	\$0.21839
11/13/2023	Short	\$0.22143	\$0.21861	\$0.23419
11/14/2023	Short	\$0.24395	\$0.24318	\$0.25191
11/15/2023	Long	\$0.26023	\$0.26170	\$0.26292
11/16/2023	Short	\$0.25521	\$0.25880	\$0.27265
11/17/2023	Short	\$0.26083	\$0.25931	\$0.27367
11/18/2023	Short	\$0.24395	\$0.24118	\$0.25595
11/19/2023	Short	\$0.24395	\$0.24118	\$0.25595
11/20/2023	Long	\$0.23823	\$0.23189	\$0.23458
11/21/2023	Short	\$0.23934	\$0.23666	\$0.25646
11/22/2023	Long	\$0.24168	\$0.24168	\$0.24066
11/23/2023	Short	\$0.26134	\$0.25521	\$0.27620
11/24/2023	Short	\$0.26134	\$0.25521	\$0.27620
11/25/2023	Short	\$0.26134	\$0.25521	\$0.27620
11/26/2023	Short	\$0.26134	\$0.25521	\$0.27620
11/27/2023	Short	\$0.26134	\$0.25521	\$0.27620
11/28/2023	Short	\$0.27874	\$0.27276	\$0.29138
11/29/2023	Short	\$0.26902	\$0.26324	\$0.27923
11/30/2023	Short	\$0.26237	\$0.25572	\$0.27721
Average		\$0.24321	\$0.23962	\$0.25380

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
12/1/2023	Long	\$0.24335	\$0.24063	\$0.25027
12/2/2023	Short	\$0.23991	\$0.23566	\$0.27335
12/3/2023	Short	\$0.23991	\$0.23566	\$0.27335
12/4/2023	Short	\$0.23991	\$0.23566	\$0.27335
12/5/2023	Short	\$0.24605	\$0.24218	\$0.27943
12/6/2023	Long	\$0.24539	\$0.24063	\$0.24572
12/7/2023	Long	\$0.23465	\$0.22881	\$0.22952
12/8/2023	Long	\$0.20856	\$0.20825	\$0.20574
12/9/2023	Long	\$0.22237	\$0.21984	\$0.22193
12/10/2023	Short	\$0.22815	\$0.22513	\$0.25919
12/11/2023	Short	\$0.22815	\$0.22513	\$0.25919
12/12/2023	Short	\$0.21894	\$0.21260	\$0.24906
12/13/2023	Long	\$0.21661	\$0.21185	\$0.21485
12/14/2023	Long	\$0.20702	\$0.20671	\$0.20726
12/15/2023	Long	\$0.20497	\$0.20568	\$0.20523
12/16/2023	Long	\$0.21961	\$0.21647	\$0.21991
12/17/2023	Long	\$0.21961	\$0.21647	\$0.21991
12/18/2023	Short	\$0.22610	\$0.21961	\$0.25666
12/19/2023	Short	\$0.23019	\$0.22613	\$0.26475
12/20/2023	Long	\$0.21059	\$0.20260	\$0.21130
12/21/2023	Long	\$0.21163	\$0.21031	\$0.21434
12/22/2023	Short	\$0.20461	\$0.20298	\$0.22933
12/23/2023	Long	\$0.15637	\$0.15068	\$0.15108
12/24/2023	Long	\$0.15637	\$0.15068	\$0.15108
12/25/2023	Long	\$0.15637	\$0.15068	\$0.15108
12/26/2023	Short	\$0.16215	\$0.16145	\$0.19036
12/27/2023	Long	\$0.19116	\$0.18872	\$0.19309
12/28/2023	Long	\$0.21009	\$0.21031	\$0.21282
12/29/2023	Long	\$0.21163	\$0.21082	\$0.20675
12/30/2023	Long	\$0.21163	\$0.21082	\$0.20675
12/31/2023	Short	\$0.21740	\$0.21260	\$0.24502
Average		\$0.21353	\$0.21019	\$0.22489

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
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Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
1/1/2022	Long	\$0.36816	\$0.36040	\$0.45898
1/2/2022	Long	\$0.36816	\$0.36040	\$0.45898
1/3/2022	Long	\$0.36816	\$0.36040	\$0.45898
1/4/2022	Long	\$0.34807	\$0.34709	\$0.35655
1/5/2022	Short	\$0.41756	\$0.43059	\$0.44931
1/6/2022	Short	\$0.48940	\$0.44505	\$0.61683
1/7/2022	Short	\$0.40381	\$0.42440	\$0.44628
1/8/2022	Short	\$0.40788	\$0.41717	\$0.44225
1/9/2022	Short	\$0.40788	\$0.41717	\$0.44225
1/10/2022	Long	\$0.39779	\$0.37330	\$0.40903
1/11/2022	Long	\$0.39829	\$0.39654	\$0.39843
1/12/2022	Long	\$0.38925	\$0.38925	\$0.38884
1/13/2022	Long	\$0.44279	\$0.44042	\$0.44182
1/14/2022	Short	\$0.44813	\$0.48738	\$0.47959
1/15/2022	Short	\$0.42520	\$0.46186	\$0.44931
1/16/2022	Long	\$0.41587	\$0.41587	\$0.41609
1/17/2022	Short	\$0.42520	\$0.46186	\$0.44931
1/18/2022	Long	\$0.41587	\$0.41587	\$0.41609
1/19/2022	Short	\$0.45272	\$0.48119	\$0.49018
1/20/2022	Short	\$0.49297	\$0.52455	\$0.57949
1/21/2022	Long	\$0.40407	\$0.40432	\$0.40146
1/22/2022	Long	\$0.39427	\$0.39026	\$0.39086
1/23/2022	Short	\$0.40432	\$0.43369	\$0.42206
1/24/2022	Short	\$0.40432	\$0.43369	\$0.42206
1/25/2022	Short	\$0.43596	\$0.44815	\$0.58605
1/26/2022	Short	\$0.41603	\$0.44336	\$0.43771
1/27/2022	Short	\$0.43692	\$0.47060	\$0.45991
1/28/2022	Short	\$0.45119	\$0.47934	\$0.47353
1/29/2022	Short	\$0.51844	\$0.54666	\$0.53610
1/30/2022	Short	\$0.51844	\$0.54666	\$0.53610
1/31/2022	Long	\$0.51208	\$0.50547	\$0.50439
Average		\$0.42514	\$0.43590	\$0.45867

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
2/1/2022	Long	\$0.50903	\$0.50392	\$0.51045
2/2/2022	Short	\$0.58492	\$0.59786	\$0.62197
2/3/2022	Short	\$0.71993	\$0.77029	\$0.75569
2/4/2022	Short	\$0.58441	\$0.63043	\$0.60986
2/5/2022	Long	\$0.50903	\$0.50857	\$0.49985
2/6/2022	Short	\$0.51715	\$0.55746	\$0.53317
2/7/2022	Long	\$0.50903	\$0.50857	\$0.49985
2/8/2022	Long	\$0.40458	\$0.40583	\$0.40650
2/9/2022	Long	\$0.40458	\$0.40480	\$0.40600
2/10/2022	Long	\$0.37758	\$0.37899	\$0.37370
2/11/2022	Short	\$0.37348	\$0.42075	\$0.39794
2/12/2022	Short	\$0.38112	\$0.42178	\$0.40652
2/13/2022	Short	\$0.38112	\$0.42178	\$0.40652
2/14/2022	Short	\$0.38112	\$0.42178	\$0.40652
2/15/2022	Long	\$0.38420	\$0.38053	\$0.38682
2/16/2022	Long	\$0.39949	\$0.39447	\$0.40347
2/17/2022	Short	\$0.44328	\$0.47523	\$0.47363
2/18/2022	Long	\$0.44534	\$0.44352	\$0.44889
2/19/2022	Long	\$0.43646	\$0.43526	\$0.44838
2/20/2022	Long	\$0.43646	\$0.43526	\$0.44838
2/21/2022	Long	\$0.43646	\$0.43526	\$0.44838
2/22/2022	Short	\$0.45449	\$0.47831	\$0.48372
2/23/2022	Short	\$0.46875	\$0.50029	\$0.54023
2/24/2022	Short	\$0.49525	\$0.51784	\$0.57000
2/25/2022	Short	\$0.49779	\$0.52042	\$0.53922
2/26/2022	Long	\$0.43747	\$0.43747	\$0.43476
2/27/2022	Long	\$0.43747	\$0.43747	\$0.43476
2/28/2022	Long	\$0.43747	\$0.43747	\$0.43476
Average		\$0.45884	\$0.47434	\$0.47607

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
3/1/2022	Long	\$0.40305	\$0.40984	\$0.40549
3/2/2022	Long	\$0.41987	\$0.41925	\$0.42366
3/3/2022	Short	\$0.45255	\$0.49578	\$0.47395
3/4/2022	Long	\$0.42904	\$0.43216	\$0.43577
3/5/2022	Long	\$0.45604	\$0.45642	\$0.45393
3/6/2022	Long	\$0.45604	\$0.45642	\$0.45393
3/7/2022	Short	\$0.46783	\$0.50041	\$0.48303
3/8/2022	Short	\$0.48210	\$0.52405	\$0.49968
3/9/2022	Short	\$0.46681	\$0.49616	\$0.48757
3/10/2022	Short	\$0.45866	\$0.49048	\$0.47899
3/11/2022	Short	\$0.46223	\$0.49527	\$0.48505
3/12/2022	Short	\$0.45866	\$0.49990	\$0.47798
3/13/2022	Long	\$0.44687	\$0.44765	\$0.44838
3/14/2022	Long	\$0.44687	\$0.44765	\$0.44838
3/15/2022	Long	\$0.41834	\$0.42390	\$0.41760
3/16/2022	Long	\$0.40101	\$0.40325	\$0.40146
3/17/2022	Long	\$0.41630	\$0.42132	\$0.41407
3/18/2022	Short	\$0.45103	\$0.48551	\$0.46385
3/19/2022	Long	\$0.43158	\$0.42727	\$0.42568
3/20/2022	Long	\$0.43158	\$0.42727	\$0.42568
3/21/2022	Long	\$0.43158	\$0.42727	\$0.42568
3/22/2022	Long	\$0.42037	\$0.41750	\$0.41811
3/23/2022	Short	\$0.46258	\$0.49219	\$0.47546
3/24/2022	Short	\$0.48210	\$0.52251	\$0.49665
3/25/2022	Short	\$0.48363	\$0.52970	\$0.50473
3/26/2022	Short	\$0.52490	\$0.56054	\$0.54408
3/27/2022	Short	\$0.52490	\$0.56054	\$0.54408
3/28/2022	Short	\$0.52490	\$0.56054	\$0.54408
3/29/2022	Short	\$0.51632	\$0.55643	\$0.53601
3/30/2022	Short	\$0.50276	\$0.55180	\$0.52541
3/31/2022	Short	\$0.51980	\$0.56671	\$0.54257
Average		\$0.45969	\$0.48083	\$0.46971

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
4/1/2022	Short	\$0.54194	\$0.54408	\$0.54464
4/2/2022	Short	\$0.54596	\$0.54785	\$0.54414
4/3/2022	Short	\$0.54596	\$0.54785	\$0.54414
4/4/2022	Long	\$0.52339	\$0.53788	\$0.53475
4/5/2022	Long	\$0.54250	\$0.55492	\$0.55032
4/6/2022	Short	\$0.59225	\$0.59261	\$0.59287
4/7/2022	Short	\$0.62632	\$0.62854	\$0.62552
4/8/2022	Short	\$0.60472	\$0.60747	\$0.60844
4/9/2022	Short	\$0.61125	\$0.61125	\$0.60743
4/10/2022	Long	\$0.59277	\$0.60590	\$0.59804
4/11/2022	Long	\$0.59277	\$0.60590	\$0.59804
4/12/2022	Long	\$0.61388	\$0.62203	\$0.60608
4/13/2022	Short	\$0.65244	\$0.65244	\$0.64812
4/14/2022	Short	\$0.67253	\$0.67253	\$0.67725
4/15/2022	Long	\$0.68175	\$0.69173	\$0.69900
4/16/2022	Short	\$0.69714	\$0.69895	\$0.70639
4/17/2022	Long	\$0.68175	\$0.69173	\$0.69900
4/18/2022	Short	\$0.69714	\$0.69895	\$0.70639
4/19/2022	Short	\$0.76796	\$0.76796	\$0.76566
4/20/2022	Long	\$0.68577	\$0.69070	\$0.68846
4/21/2022	Long	\$0.65259	\$0.66333	\$0.65882
4/22/2022	Long	\$0.65209	\$0.66127	\$0.64174
4/23/2022	Long	\$0.61690	\$0.61842	\$0.62667
4/24/2022	Short	\$0.63435	\$0.63779	\$0.63707
4/25/2022	Short	\$0.63435	\$0.63779	\$0.63707
4/26/2022	Short	\$0.66549	\$0.66549	\$0.68429
4/27/2022	Long	\$0.67471	\$0.67675	\$0.69649
4/28/2022	Long	\$0.68275	\$0.68863	\$0.69649
4/29/2022	Long	\$0.65561	\$0.66549	\$0.65581
4/30/2022	Long	\$0.65561	\$0.66549	\$0.65581
Average		\$0.63315	\$0.63839	\$0.63783

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
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Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
5/1/2022	Short	\$0.67855	\$0.67904	\$0.66994
5/2/2022	Short	\$0.67855	\$0.67904	\$0.66994
5/3/2022	Short	\$0.74033	\$0.74033	\$0.73474
5/4/2022	Long	\$0.78128	\$0.79657	\$0.78641
5/5/2022	Short	\$0.82521	\$0.84349	\$0.82114
5/6/2022	Long	\$0.79938	\$0.81416	\$0.79696
5/7/2022	Long	\$0.79838	\$0.81253	\$0.78339
5/8/2022	Long	\$0.79838	\$0.81253	\$0.78339
5/9/2022	Long	\$0.79838	\$0.81253	\$0.78339
5/10/2022	Long	\$0.71945	\$0.73251	\$0.71056
5/11/2022	Long	\$0.65561	\$0.66141	\$0.64174
5/12/2022	Long	\$0.73554	\$0.74645	\$0.72814
5/13/2022	Long	\$0.72649	\$0.73045	\$0.71759
5/14/2022	Long	\$0.73252	\$0.74083	\$0.72010
5/15/2022	Long	\$0.73252	\$0.74083	\$0.72010
5/16/2022	Long	\$0.73252	\$0.74083	\$0.72010
5/17/2022	Long	\$0.77073	\$0.78362	\$0.76933
5/18/2022	Short	\$0.81366	\$0.83219	\$0.80657
5/19/2022	Long	\$0.80592	\$0.81969	\$0.79746
5/20/2022	Long	\$0.79888	\$0.80530	\$0.78791
5/21/2022	Short	\$0.78905	\$0.79261	\$0.78396
5/22/2022	Long	\$0.77324	\$0.78362	\$0.77385
5/23/2022	Short	\$0.78905	\$0.79261	\$0.78396
5/24/2022	Long	\$0.79838	\$0.80428	\$0.79696
5/25/2022	Long	\$0.84513	\$0.85585	\$0.83915
5/26/2022	Long	\$0.88384	\$0.89704	\$0.88386
5/27/2022	Long	\$0.86891	\$0.86891	\$0.85221
5/28/2022	Long	\$0.77425	\$0.78155	\$0.76832
5/29/2022	Long	\$0.77425	\$0.78155	\$0.76832
5/30/2022	Long	\$0.77425	\$0.78155	\$0.76832
5/31/2022	Short	\$0.78876	\$0.79107	\$0.77944
Average		\$0.77359	\$0.78242	\$0.76604

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
6/1/2022	Short	\$0.81366	\$0.85703	\$0.80105
6/2/2022	Short	\$0.82371	\$0.86217	\$0.81462
6/3/2022	Short	\$0.85485	\$0.89222	\$0.84174
6/4/2022	Long	\$0.78128	\$0.79859	\$0.77084
6/5/2022	Long	\$0.78128	\$0.79859	\$0.77084
6/6/2022	Long	\$0.78128	\$0.79859	\$0.77084
6/7/2022	Long	\$0.85066	\$0.87192	\$0.85974
6/8/2022	Long	\$0.88233	\$0.89302	\$0.87984
6/9/2022	Long	\$0.90193	\$0.91210	\$0.89993
6/10/2022	Short	\$0.79261	\$0.83185	\$0.78699
6/11/2022	Short	\$0.83526	\$0.87399	\$0.82115
6/12/2022	Short	\$0.83526	\$0.87399	\$0.82115
6/13/2022	Long	\$0.82301	\$0.83266	\$0.81303
6/14/2022	Long	\$0.82854	\$0.84402	\$0.83111
6/15/2022	Long	\$0.71020	\$0.71020	\$0.69700
6/16/2022	Long	\$0.71995	\$0.73509	\$0.73115
6/17/2022	Long	\$0.74207	\$0.75540	\$0.74472
6/18/2022	Long	\$0.67521	\$0.69224	\$0.67791
6/19/2022	Long	\$0.67521	\$0.69224	\$0.67791
6/20/2022	Long	\$0.67521	\$0.69224	\$0.67791
6/21/2022	Long	\$0.67521	\$0.69224	\$0.67791
6/22/2022	Short	\$0.65294	\$0.68795	\$0.64835
6/23/2022	Long	\$0.64857	\$0.65507	\$0.64325
6/24/2022	Short	\$0.65637	\$0.68076	\$0.63027
6/25/2022	Long	\$0.59076	\$0.58899	\$0.57594
6/26/2022	Long	\$0.59076	\$0.58899	\$0.57594
6/27/2022	Short	\$0.59806	\$0.62988	\$0.57903
6/28/2022	Long	\$0.58774	\$0.59570	\$0.58548
6/29/2022	Short	\$0.64992	\$0.68692	\$0.64082
6/30/2022	Short	\$0.65796	\$0.69412	\$0.64383
Average		\$0.73639	\$0.75729	\$0.72968

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
7/1/2022	Long	\$0.58523	\$0.61171	\$0.60357
7/2/2022	Long	\$0.52942	\$0.54093	\$0.52872
7/3/2022	Long	\$0.52942	\$0.54093	\$0.52872
7/4/2022	Long	\$0.52942	\$0.54093	\$0.52872
7/5/2022	Short	\$0.54093	\$0.56128	\$0.53187
7/6/2022	Short	\$0.54417	\$0.56334	\$0.54643
7/7/2022	Short	\$0.54869	\$0.56539	\$0.53990
7/8/2022	Short	\$0.58137	\$0.61226	\$0.59365
7/9/2022	Long	\$0.59126	\$0.59669	\$0.58749
7/10/2022	Short	\$0.59669	\$0.61730	\$0.59365
7/11/2022	Long	\$0.59126	\$0.59669	\$0.58749
7/12/2022	Short	\$0.64490	\$0.66647	\$0.64639
7/13/2022	Short	\$0.64371	\$0.66647	\$0.64388
7/14/2022	Short	\$0.64792	\$0.65717	\$0.64288
7/15/2022	Short	\$0.66248	\$0.67886	\$0.66046
7/16/2022	Short	\$0.65143	\$0.66750	\$0.65192
7/17/2022	Short	\$0.65143	\$0.66750	\$0.65192
7/18/2022	Short	\$0.65143	\$0.66750	\$0.65192
7/19/2022	Long	\$0.72950	\$0.72976	\$0.72814
7/20/2022	Short	\$0.72414	\$0.73771	\$0.72023
7/21/2022	Short	\$0.74686	\$0.76146	\$0.74233
7/22/2022	Short	\$0.78547	\$0.79398	\$0.78754
7/23/2022	Long	\$0.79988	\$0.80942	\$0.80549
7/24/2022	Short	\$0.81316	\$0.83012	\$0.81115
7/25/2022	Short	\$0.81316	\$0.83012	\$0.81115
7/26/2022	Short	\$0.83275	\$0.85232	\$0.82371
7/27/2022	Short	\$0.87896	\$0.90407	\$0.87243
7/28/2022	Short	\$0.84430	\$0.85885	\$0.83677
7/29/2022	Short	\$0.82170	\$0.84394	\$0.81969
7/30/2022	Short	\$0.82170	\$0.84394	\$0.81969
7/31/2022	Short	\$0.82170	\$0.84394	\$0.81969
Average		\$0.68240	\$0.69866	\$0.68121

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
	Short			\$0.80212
8/1/2022		\$0.80412	\$0.81927	· '
8/2/2022	Short	\$0.77499	\$0.78895	\$0.77248
8/3/2022	Long	\$0.74688	\$0.75083	\$0.74522
8/4/2022	Short	\$0.75439	\$0.76326	\$0.74486
8/5/2022	Short	\$0.79056	\$0.80328	\$0.77600
8/6/2022	Short	\$0.78905	\$0.81002	\$0.77349
8/7/2022	Short	\$0.78905	\$0.81002	\$0.77349
8/8/2022	Short	\$0.78905	\$0.81002	\$0.77349
8/9/2022	Short	\$0.74980	\$0.75812	\$0.74385
8/10/2022	Short	\$0.77449	\$0.78417	\$0.76746
8/11/2022	Short	\$0.78202	\$0.79760	\$0.77650
8/12/2022	Long	\$0.81525	\$0.82521	\$0.80951
8/13/2022	Short	\$0.83325	\$0.86450	\$0.82322
8/14/2022	Short	\$0.83325	\$0.86450	\$0.82322
8/15/2022	Short	\$0.83325	\$0.86450	\$0.82322
8/16/2022	Short	\$0.82772	\$0.83623	\$0.82171
8/17/2022	Short	\$0.88147	\$0.89482	\$0.87646
8/18/2022	Short	\$0.89352	\$0.90921	\$0.88852
8/19/2022	Short	\$0.87293	\$0.89482	\$0.88299
8/20/2022	Short	\$0.85234	\$0.86913	\$0.84381
8/21/2022	Short	\$0.85234	\$0.86913	\$0.84381
8/22/2022	Short	\$0.85234	\$0.86913	\$0.84381
8/23/2022	Short	\$0.89704	\$0.91281	\$0.89655
8/24/2022	Short	\$0.92667	\$0.93389	\$0.92368
8/25/2022	Short	\$0.88348	\$0.89122	\$0.87747
8/26/2022	Short	\$0.87946	\$0.89636	\$0.86742
8/27/2022	Long	\$0.87004	\$0.87795	\$0.85974
8/28/2022	Long	\$0.87004	\$0.87795	\$0.85974
8/29/2022	Short	\$0.87795	\$0.89945	\$0.86792
8/30/2022	Short	\$0.88955	\$0.90047	\$0.87998
8/31/2022	Short	\$0.85434	\$0.87169	\$0.85285
Average		\$0.83357	\$0.84898	\$0.82628

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
			\$0.85241	
9/1/2022	Long	\$0.84826	· ·	\$0.84351
9/2/2022 9/3/2022	Long	\$0.87844 \$0.83921	\$0.88433	\$0.87667
9/3/2022	Long	\$0.83921 \$0.83921	\$0.84213	\$0.82542
	Long	\$0.83921 \$0.83921	\$0.84213 \$0.84213	\$0.82542 \$0.82542
9/5/2022	Long	·	·	1
9/6/2022	Short	\$0.84778	\$0.86980	\$0.83264
9/7/2022	Long	\$0.78641	\$0.78648 \$0.75867	\$0.78522 \$0.75858
9/8/2022	Long	\$0.75573	·	1
9/9/2022	Long	\$0.74416	\$0.74940	\$0.73848
9/10/2022	Short	\$0.74770	\$0.75796	\$0.73063
9/11/2022	Short	\$0.74770	\$0.75796	\$0.73063
9/12/2022	Short	\$0.74770	\$0.75796	\$0.73063
9/13/2022	Short	\$0.76324	\$0.76514	\$0.76782
9/14/2022	Long	\$0.75422	\$0.77206	\$0.76512
9/15/2022	Short	\$0.81198	\$0.82568	\$0.81053
9/16/2022	Short	\$0.77027	\$0.78002	\$0.77184
9/17/2022	Long	\$0.69286	\$0.69742	\$0.69677
9/18/2022	Short	\$0.70143	\$0.72204	\$0.71053
9/19/2022	Long	\$0.69286	\$0.69742	\$0.69677
9/20/2022	Long	\$0.70194	\$0.69789	\$0.69275
9/21/2022	Short	\$0.70646	\$0.71794	\$0.69948
9/22/2022	Long	\$0.67727	\$0.68192	\$0.66662
9/23/2022	Short	\$0.64265	\$0.66458	\$0.62611
9/24/2022	Long	\$0.48516	\$0.49493	\$0.47165
9/25/2022	Short	\$0.49493	\$0.53325	\$0.47586
9/26/2022	Short	\$0.49493	\$0.53325	\$0.47586
9/27/2022	Short	\$0.51251	\$0.51251	\$0.50902
9/28/2022	Short	\$0.54453	\$0.54099	\$0.54119
9/29/2022	Short	\$0.52391	\$0.52350	\$0.51757
9/30/2022	Short	\$0.51485	\$0.51734	\$0.49345
Average		\$0.70358	\$0.71264	\$0.69641

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Pipelille	Pipelille	das Pipelille
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
10/1/2022	Long	\$0.42937	\$0.45674	\$0.43751
10/2/2022	Long	\$0.42937	\$0.45674	\$0.43751
10/3/2022	Long	\$0.42937	\$0.45674	\$0.43751
10/4/2022	Short	\$0.47583	\$0.47583	\$0.48638
10/5/2022	Short	\$0.52608	\$0.52789	\$0.53261
10/6/2022	Short	\$0.62004	\$0.62004	\$0.62960
10/7/2022	Short	\$0.63913	\$0.63974	\$0.65070
10/8/2022	Short	\$0.56276	\$0.57971	\$0.56276
10/9/2022	Short	\$0.56276	\$0.57971	\$0.56276
10/10/2022	Long	\$0.54001	\$0.56276	\$0.54906
10/11/2022	Long	\$0.54001	\$0.55318	\$0.54404
10/12/2022	Short	\$0.53914	\$0.54483	\$0.54216
10/13/2022	Short	\$0.58688	\$0.58688	\$0.58990
10/14/2022	Short	\$0.56175	\$0.56432	\$0.56578
10/15/2022	Long	\$0.54252	\$0.53921	\$0.54253
10/16/2022	Short	\$0.55170	\$0.55170	\$0.55623
10/17/2022	Short	\$0.55170	\$0.55170	\$0.55623
10/18/2022	Long	\$0.55509	\$0.55409	\$0.57771
10/19/2022	Long	\$0.55912	\$0.56606	\$0.58072
10/20/2022	Short	\$0.52909	\$0.52909	\$0.53864
10/21/2022	Long	\$0.45300	\$0.45302	\$0.46615
10/22/2022	Long	\$0.36198	\$0.37599	\$0.38273
10/23/2022	Long	\$0.36198	\$0.37599	\$0.38273
10/24/2022	Long	\$0.36198	\$0.37599	\$0.38273
10/25/2022	Short	\$0.43915	\$0.43915	\$0.45723
10/26/2022	Short	\$0.49426	\$0.48789	\$0.50899
10/27/2022	Short	\$0.50548	\$0.50548	\$0.51904
10/28/2022	Long	\$0.48016	\$0.47128	\$0.49580
10/29/2022	Long	\$0.43540	\$0.44501	\$0.45560
10/30/2022	Short	\$0.44820	\$0.45197	\$0.46829
10/31/2022	Short	\$0.44820	\$0.45197	\$0.46829
Average		\$0.50069	\$0.50744	\$0.51187

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
11/1/2022	Long	\$0.41604	\$0.40090	\$0.44894
11/2/2022	Long	\$0.30615	\$0.27162	\$0.36783
11/3/2022	Long	\$0.34921	\$0.26546	\$0.36783
11/4/2022	Long	\$0.33414	\$0.32549	\$0.35262
11/5/2022	Short	\$0.16230	\$0.17439	\$0.21179
11/6/2022	Short	\$0.16230	\$0.17439	\$0.21179
11/7/2022	Short	\$0.16230	\$0.17439	\$0.21179
11/8/2022	Long	\$0.31822	\$0.26649	\$0.36732
11/9/2022	Long	\$0.32778	\$0.29369	\$0.35313
11/10/2022	Short	\$0.36680	\$0.36680	\$0.40088
11/11/2022	Short	\$0.51201	\$0.51201	\$0.54484
11/12/2022	Short	\$0.51201	\$0.51201	\$0.54484
11/13/2022	Long	\$0.49122	\$0.44143	\$0.52244
11/14/2022	Short	\$0.51201	\$0.51201	\$0.54484
11/15/2022	Short	\$0.63109	\$0.63109	\$0.66549
11/16/2022	Short	\$0.59743	\$0.59743	\$0.65434
11/17/2022	Short	\$0.57381	\$0.57381	\$0.60618
11/18/2022	Short	\$0.63233	\$0.63159	\$0.65079
11/19/2022	Short	\$0.60145	\$0.62354	\$0.61784
11/20/2022	Long	\$0.59281	\$0.57533	\$0.60405
11/21/2022	Short	\$0.60145	\$0.62354	\$0.61784
11/22/2022	Long	\$0.62104	\$0.60663	\$0.63396
11/23/2022	Long	\$0.58125	\$0.58354	\$0.58834
11/24/2022	Long	\$0.62249	\$0.60252	\$0.62737
11/25/2022	Long	\$0.62249	\$0.60252	\$0.62737
11/26/2022	Long	\$0.62249	\$0.60252	\$0.62737
11/27/2022	Short	\$0.62830	\$0.63899	\$0.63964
11/28/2022	Short	\$0.62830	\$0.63899	\$0.63964
11/29/2022	Short	\$0.56443	\$0.57152	\$0.58033
11/30/2022	Short	\$0.65270	\$0.65270	\$0.66802
Average		\$0.49021	\$0.48158	\$0.51665

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
12/1/2022	Long	\$0.58980	\$0.57338	\$0.59341
12/2/2022	Short	\$0.55974	\$0.55974	\$0.60101
12/3/2022	Short	\$0.49752	\$0.45948	\$0.48442
12/4/2022	Short	\$0.49752	\$0.45948	\$0.48442
12/5/2022	Short	\$0.49752	\$0.45948	\$0.48442
12/6/2022	Long	\$0.43915	\$0.41424	\$0.44741
12/7/2022	Short	\$0.43312	\$0.43312	\$0.47124
12/8/2022	Long	\$0.42937	\$0.41731	\$0.43829
12/9/2022	Long	\$0.45803	\$0.45990	\$0.47175
12/10/2022	Long	\$0.48821	\$0.47706	\$0.49304
12/11/2022	Long	\$0.48821	\$0.47706	\$0.49304
12/12/2022	Long	\$0.48821	\$0.47706	\$0.49304
12/13/2022	Long	\$0.57482	\$0.54096	\$0.56553
12/14/2022	Long	\$0.60446	\$0.58471	\$0.60304
12/15/2022	Short	\$0.57848	\$0.57381	\$0.60659
12/16/2022	Short	\$0.62727	\$0.62506	\$0.66691
12/17/2022	Short	\$0.65895	\$0.63511	\$0.70391
12/18/2022	Short	\$0.65895	\$0.63511	\$0.70391
12/19/2022	Short	\$0.65895	\$0.63511	\$0.70391
12/20/2022	Short	\$0.61552	\$0.61552	\$0.75207
12/21/2022	Long	\$0.54316	\$0.42348	\$0.63041
12/22/2022	Long	\$1.30896	\$0.55994	\$2.78940
12/23/2022	Long	\$1.09824	\$0.63125	\$1.34467
12/24/2022	Long	\$0.83861	\$0.54404	\$0.95383
12/25/2022	Long	\$0.83861	\$0.54404	\$0.95383
12/26/2022	Long	\$0.83861	\$0.54404	\$0.95383
12/27/2022	Long	\$0.83861	\$0.54404	\$0.95383
12/28/2022	Long	\$0.44244	\$0.32497	\$0.45857
12/29/2022	Long	\$0.39293	\$0.23981	\$0.38354
12/30/2022	Long	\$0.35072	\$0.27265	\$0.35921
12/31/2022	Long	\$0.35072	\$0.27265	\$0.35921
Average		\$0.60276	\$0.49721	\$0.69038

MidAmerican Energy Company 2022 Interruptible Commodity Prices (\$/Therm)

Iowa - N	ebraska -	South Da	kota									
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	\$0.52247	\$0.53973										
2	\$0.52247	\$0.62197										
3	\$0.52247	\$0.75569										
4	\$0.39128	\$0.60986										
5	\$0.44931	\$0.53317										
6	\$0.61683	\$0.53317										
7	\$0.44628	\$0.53317										
8	\$0.44225	\$0.43629										
9	\$0.44225	\$0.43528										
10	\$0.44225	\$0.40500										
11	\$0.43064	\$0.39794										
12	\$0.42004	\$0.40652										
13	\$0.47403	\$0.40652										
14	\$0.47959	\$0.40652										
15	\$0.44931	\$0.41611										
16	\$0.44931	\$0.43326										
17	\$0.44931	\$0.47363										
18	\$0.44931	\$0.47867										
19	\$0.49018	\$0.48372										
20	\$0.57949	\$0.48372										
21	\$0.43468	\$0.48372										
22	\$0.42206	\$0.48372										
23	\$0.42206	\$0.54023										
24	\$0.42206	\$0.57000										
25	\$0.58605	\$0.53922										
26	\$0.43771	\$0.46555										
27	\$0.45991	\$0.46555										
28	\$0.47353	\$0.46555										
29	\$0.53610											
30	\$0.53610											
31	\$0.53610											
Average	\$0.47534	\$0.49298										

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		ripeille	Fipeline	das Fipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
1/1/2021	Short	\$0.24012	\$0.26509	\$0.25812
1/2/2021	Short	\$0.24012	\$0.26509	\$0.25812
1/3/2021	Short	\$0.24012	\$0.26509	\$0.25812
1/4/2021	Short	\$0.24012	\$0.26509	\$0.25812
1/5/2021	Long	\$0.24929	\$0.24894	\$0.24996
1/6/2021	Long	\$0.26027	\$0.26027	\$0.26117
1/7/2021	Short	\$0.26839	\$0.29087	\$0.28614
1/8/2021	Short	\$0.27199	\$0.29708	\$0.29480
1/9/2021	Short	\$0.27250	\$0.29397	\$0.29174
1/10/2021	Short	\$0.27250	\$0.29397	\$0.29174
1/11/2021	Long	\$0.26279	\$0.26279	\$0.26678
1/12/2021	Long	\$0.25725	\$0.25725	\$0.25811
1/13/2021	Long	\$0.27437	\$0.27437	\$0.27289
1/14/2021	Long	\$0.26480	\$0.26480	\$0.26779
1/15/2021	Short	\$0.27353	\$0.29703	\$0.29174
1/16/2021	Short	\$0.27456	\$0.29909	\$0.29327
1/17/2021	Short	\$0.27456	\$0.29909	\$0.29327
1/18/2021	Short	\$0.27456	\$0.29909	\$0.29327
1/19/2021	Short	\$0.27456	\$0.29909	\$0.29327
1/20/2021	Long	\$0.24668	\$0.24668	\$0.24640
1/21/2021	Short	\$0.24578	\$0.27127	\$0.26321
1/22/2021	Short	\$0.24989	\$0.27276	\$0.26984
1/23/2021	Long	\$0.23963	\$0.23963	\$0.24232
1/24/2021	Short	\$0.24783	\$0.26914	\$0.26423
1/25/2021	Long	\$0.23963	\$0.23963	\$0.24232
1/26/2021	Short	\$0.26171	\$0.28207	\$0.28206
1/27/2021	Short	\$0.27045	\$0.28983	\$0.29225
1/28/2021	Short	\$0.26891	\$0.29342	\$0.28818
1/29/2021	Short	\$0.26531	\$0.28828	\$0.28206
1/30/2021	Long	\$0.26027	\$0.26027	\$0.26066
1/31/2021	Long	\$0.26027	\$0.26027	\$0.26066
Average		\$0.25944	\$0.27456	\$0.27202

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
2/1/2021	Short	\$0.27051	\$0.29324	\$0.28263
2/2/2021	Long	\$0.27447	\$0.27792	\$0.27849
2/3/2021	Short	\$0.29878	\$0.32257	\$0.31218
2/4/2021	Short	\$0.29415	\$0.31639	\$0.30811
2/5/2021	Short	\$0.30032	\$0.32584	\$0.34377
2/6/2021	Long	\$0.35240	\$0.33346	\$0.38701
2/7/2021	Long	\$0.35240	\$0.33346	\$0.38701
2/8/2021	Long	\$0.35240	\$0.33346	\$0.38701
2/9/2021	Long	\$0.31967	\$0.31967	\$0.38039
2/10/2021	Long	\$0.32974	\$0.32974	\$0.39466
2/11/2021	Long	\$0.40123	\$0.38755	\$0.67487
2/12/2021	Long	\$0.81101	\$0.71208	\$1.57259
2/13/2021	Long	\$13.07239	\$1.40388	\$15.78623
2/14/2021	Long	\$13.07239	\$1.40388	\$15.78623
2/15/2021	Long	\$13.07239	\$1.40388	\$15.78623
2/16/2021	Long	\$13.07239	\$1.40388	\$15.78623
2/17/2021	Long	\$2.22261	\$2.22261	\$13.61888
2/18/2021	Long	\$1.88985	\$1.88985	\$1.98476
2/19/2021	Long	\$0.62576	\$0.62576	\$0.61119
2/20/2021	Long	\$0.39619	\$0.39619	\$0.38243
2/21/2021	Long	\$0.39619	\$0.39619	\$0.38243
2/22/2021	Long	\$0.39619	\$0.39619	\$0.38243
2/23/2021	Long	\$0.27386	\$0.27386	\$0.27289
2/24/2021	Long	\$0.27386	\$0.27386	\$0.27544
2/25/2021	Long	\$0.26933	\$0.26933	\$0.26983
2/26/2021	Long	\$0.25443	\$0.25411	\$0.25200
2/27/2021	Long	\$0.25443	\$0.25411	\$0.25200
2/28/2021	Short	\$0.25869	\$0.28394	\$0.26735
Average		\$2.29136	\$0.62275	\$3.13590

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
3/1/2021	Short	\$0.26406	\$0.27668	\$0.27676
3/2/2021	Long	\$0.26214	\$0.26343	\$0.26168
3/3/2021	Short	\$0.28041	\$0.29368	\$0.29255
3/4/2021	Long	\$0.26676	\$0.27222	\$0.27442
3/5/2021	Long	\$0.25700	\$0.26239	\$0.26066
3/6/2021	Long	\$0.25494	\$0.25722	\$0.25404
3/7/2021	Long	\$0.25494	\$0.25722	\$0.25404
3/8/2021	Long	\$0.25494	\$0.25722	\$0.25404
3/9/2021	Long	\$0.23901	\$0.24066	\$0.24028
3/10/2021	Long	\$0.24261	\$0.24170	\$0.24130
3/11/2021	Long	\$0.25032	\$0.25411	\$0.24843
3/12/2021	Short	\$0.25841	\$0.26947	\$0.27116
3/13/2021	Long	\$0.24775	\$0.24842	\$0.24589
3/14/2021	Short	\$0.25121	\$0.26535	\$0.26555
3/15/2021	Long	\$0.24775	\$0.24842	\$0.24589
3/16/2021	Short	\$0.24919	\$0.26226	\$0.26657
3/17/2021	Long	\$0.24114	\$0.24114	\$0.23977
3/18/2021	Long	\$0.24055	\$0.24170	\$0.23926
3/19/2021	Long	\$0.23336	\$0.23393	\$0.23060
3/20/2021	Long	\$0.22976	\$0.23135	\$0.22500
3/21/2021	Long	\$0.22976	\$0.23135	\$0.22500
3/22/2021	Long	\$0.22976	\$0.23135	\$0.22500
3/23/2021	Long	\$0.23438	\$0.23497	\$0.23570
3/24/2021	Long	\$0.23541	\$0.23859	\$0.23468
3/25/2021	Short	\$0.23888	\$0.25402	\$0.25740
3/26/2021	Short	\$0.24064	\$0.25556	\$0.25587
3/27/2021	Short	\$0.23157	\$0.25093	\$0.25027
3/28/2021	Short	\$0.23157	\$0.25093	\$0.25027
3/29/2021	Long	\$0.22719	\$0.22669	\$0.22958
3/30/2021	Short	\$0.23682	\$0.24823	\$0.25791
3/31/2021	Short	\$0.24658	\$0.26220	\$0.26453
Average		\$0.24545	\$0.25172	\$0.25078

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
4/1/2021	Long	\$0.24447	\$0.24774	\$0.25843
4/2/2021	Long	\$0.23427	\$0.23797	\$0.23611
4/3/2021	Long	\$0.23427	\$0.23797	\$0.23611
4/4/2021	Long	\$0.23427	\$0.23797	\$0.23611
4/5/2021	Long	\$0.23427	\$0.23797	\$0.23611
4/6/2021	Long	\$0.21845	\$0.22089	\$0.22141
4/7/2021	Long	\$0.22457	\$0.22606	\$0.22344
4/8/2021	Long	\$0.22763	\$0.23176	\$0.23155
4/9/2021	Short	\$0.24416	\$0.24416	\$0.23943
4/10/2021	Short	\$0.24153	\$0.24340	\$0.24298
4/11/2021	Short	\$0.24153	\$0.24340	\$0.24298
4/12/2021	Short	\$0.24153	\$0.24340	\$0.24298
4/13/2021	Short	\$0.24970	\$0.25422	\$0.26124
4/14/2021	Short	\$0.25888	\$0.26297	\$0.26530
4/15/2021	Short	\$0.25786	\$0.26246	\$0.26327
4/16/2021	Long	\$0.25213	\$0.25392	\$0.25437
4/17/2021	Long	\$0.26131	\$0.26217	\$0.26096
4/18/2021	Short	\$0.26807	\$0.27031	\$0.26986
4/19/2021	Short	\$0.26807	\$0.27031	\$0.26986
4/20/2021	Short	\$0.27537	\$0.27740	\$0.28812
4/21/2021	Short	\$0.28292	\$0.28292	\$0.28761
4/22/2021	Short	\$0.27164	\$0.27328	\$0.27392
4/23/2021	Short	\$0.27113	\$0.27393	\$0.26986
4/24/2021	Short	\$0.26858	\$0.27031	\$0.26935
4/25/2021	Long	\$0.26178	\$0.26178	\$0.26096
4/26/2021	Long	\$0.26178	\$0.26178	\$0.26096
4/27/2021	Long	\$0.25570	\$0.25659	\$0.25741
4/28/2021	Long	\$0.27254	\$0.27626	\$0.27466
4/29/2021	Long	\$0.27764	\$0.27990	\$0.28176
4/30/2021	Long	\$0.27203	\$0.27336	\$0.27060
Average		\$0.25360	\$0.25589	\$0.25626

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
5/1/2021	Long	\$0.26693	\$0.26832	\$0.26553
5/2/2021	Long	\$0.26693	\$0.26832	\$0.26553
5/3/2021	Long	\$0.26693	\$0.26832	\$0.26553
5/4/2021	Long	\$0.27407	\$0.27884	\$0.27719
5/5/2021	Long	\$0.27560	\$0.28041	\$0.27516
5/6/2021	Short	\$0.27981	\$0.28887	\$0.28819
5/7/2021	Long	\$0.27509	\$0.27781	\$0.27618
5/8/2021	Long	\$0.27662	\$0.27739	\$0.27516
5/9/2021	Short	\$0.28287	\$0.28732	\$0.28768
5/10/2021	Short	\$0.28287	\$0.28732	\$0.28768
5/11/2021	Long	\$0.28041	\$0.28041	\$0.28074
5/12/2021	Long	\$0.28091	\$0.28091	\$0.27922
5/13/2021	Short	\$0.28849	\$0.29093	\$0.28920
5/14/2021	Long	\$0.27789	\$0.27789	\$0.27516
5/15/2021	Short	\$0.28083	\$0.28320	\$0.28210
5/16/2021	Short	\$0.28083	\$0.28320	\$0.28210
5/17/2021	Long	\$0.27185	\$0.27160	\$0.27364
5/18/2021	Long	\$0.28683	\$0.28896	\$0.28733
5/19/2021	Long	\$0.28734	\$0.28816	\$0.28733
5/20/2021	Long	\$0.27713	\$0.28040	\$0.27719
5/21/2021	Long	\$0.27356	\$0.27470	\$0.27364
5/22/2021	Long	\$0.26693	\$0.26901	\$0.26806
5/23/2021	Long	\$0.26693	\$0.26901	\$0.26806
5/24/2021	Long	\$0.26693	\$0.26901	\$0.26806
5/25/2021	Long	\$0.27101	\$0.27286	\$0.27009
5/26/2021	Long	\$0.26795	\$0.27056	\$0.27313
5/27/2021	Short	\$0.28242	\$0.29144	\$0.28717
5/28/2021	Long	\$0.26999	\$0.27336	\$0.27161
5/29/2021	Long	\$0.26999	\$0.27336	\$0.27161
5/30/2021	Long	\$0.26999	\$0.27336	\$0.27161
5/31/2021	Long	\$0.26999	\$0.27336	\$0.27161
Average	_	\$0.27535	\$0.27802	\$0.27653

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		ripeille	Fipelille	Gas Fipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
6/1/2021	Long	\$0.27509	\$0.27470	\$0.27364
6/2/2021	Short	\$0.30247	\$0.33565	\$0.30015
6/3/2021	Short	\$0.29890	\$0.33462	\$0.30066
6/4/2021	Long	\$0.28070	\$0.28195	\$0.28632
6/5/2021	Long	\$0.27509	\$0.27470	\$0.28632
6/6/2021	Short	\$0.28997	\$0.32020	\$0.29103
6/7/2021	Long	\$0.27509	\$0.27470	\$0.28632
6/8/2021	Short	\$0.30407	\$0.33050	\$0.30066
6/9/2021	Short	\$0.30810	\$0.34441	\$0.31385
6/10/2021	Long	\$0.29755	\$0.29799	\$0.30762
6/11/2021	Long	\$0.30061	\$0.30420	\$0.30458
6/12/2021	Long	\$0.31541	\$0.31766	\$0.31573
6/13/2021	Short	\$0.32186	\$0.35986	\$0.32450
6/14/2021	Long	\$0.31541	\$0.31766	\$0.31573
6/15/2021	Long	\$0.32153	\$0.32320	\$0.32182
6/16/2021	Long	\$0.32255	\$0.32320	\$0.32131
6/17/2021	Long	\$0.31313	\$0.31313	\$0.30863
6/18/2021	Long	\$0.31234	\$0.31363	\$0.30914
6/19/2021	Long	\$0.30961	\$0.30961	\$0.30508
6/20/2021	Long	\$0.30961	\$0.30961	\$0.30508
6/21/2021	Short	\$0.31982	\$0.34853	\$0.31892
6/22/2021	Long	\$0.29959	\$0.30256	\$0.29950
6/23/2021	Long	\$0.30469	\$0.30109	\$0.30559
6/24/2021	Long	\$0.30469	\$0.30420	\$0.31269
6/25/2021	Long	\$0.31132	\$0.31506	\$0.31827
6/26/2021	Long	\$0.32612	\$0.33059	\$0.33247
6/27/2021	Short	\$0.33578	\$0.37016	\$0.34225
6/28/2021	Short	\$0.33578	\$0.37016	\$0.34225
6/29/2021	Short	\$0.36196	\$0.39339	\$0.37064
6/30/2021	Short	\$0.37850	\$0.41253	\$0.38586
Average		\$0.31091	\$0.32365	\$0.31355

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Pipelifie	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
7/1/2021	Long	\$0.35725	\$0.35793	\$0.36391
7/2/2021	Long	\$0.34837	\$0.34837	\$0.34920
7/3/2021	Short	\$0.35317	\$0.38665	\$0.35686
7/4/2021	Long	\$0.34535	\$0.34535	\$0.34413
7/5/2021	Long	\$0.34535	\$0.34535	\$0.34413
7/6/2021	Short	\$0.35317	\$0.38665	\$0.35686
7/7/2021	Long	\$0.34787	\$0.34787	\$0.34920
7/8/2021	Short	\$0.34704	\$0.38201	\$0.35635
7/9/2021	Short	\$0.35317	\$0.38665	\$0.35838
7/10/2021	Short	\$0.35827	\$0.38974	\$0.36244
7/11/2021	Short	\$0.35827	\$0.38974	\$0.36244
7/12/2021	Short	\$0.35827	\$0.38974	\$0.36244
7/13/2021	Short	\$0.35980	\$0.39235	\$0.36903
7/14/2021	Short	\$0.35592	\$0.38974	\$0.36142
7/15/2021	Short	\$0.35793	\$0.38922	\$0.36497
7/16/2021	Short	\$0.35368	\$0.38614	\$0.35939
7/17/2021	Short	\$0.35470	\$0.38407	\$0.35838
7/18/2021	Short	\$0.35470	\$0.38407	\$0.35838
7/19/2021	Short	\$0.35470	\$0.38407	\$0.35838
7/20/2021	Short	\$0.36700	\$0.39494	\$0.37816
7/21/2021	Short	\$0.37205	\$0.40425	\$0.38373
7/22/2021	Short	\$0.38430	\$0.41357	\$0.38881
7/23/2021	Short	\$0.38174	\$0.41253	\$0.38931
7/24/2021	Short	\$0.39450	\$0.42495	\$0.39844
7/25/2021	Short	\$0.39450	\$0.42495	\$0.39844
7/26/2021	Short	\$0.39450	\$0.42495	\$0.39844
7/27/2021	Long	\$0.39297	\$0.39786	\$0.39839
7/28/2021	Long	\$0.39317	\$0.39317	\$0.39282
7/29/2021	Long	\$0.38864	\$0.38864	\$0.38572
7/30/2021	Long	\$0.38022	\$0.38311	\$0.38064
7/31/2021	Long	\$0.38022	\$0.38311	\$0.38064
Average		\$0.36583	\$0.38748	\$0.36999

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Pipelille	Pipeillie	Gas Pipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
8/1/2021	Long	\$0.37103	\$0.37203	\$0.36847
8/2/2021	Long	\$0.37103	\$0.37203	\$0.36847
8/3/2021	Short	\$0.39057	\$0.39202	\$0.39814
8/4/2021	Short	\$0.39057	\$0.39546	\$0.39814
8/5/2021	Short	\$0.40475	\$0.40833	\$0.41386
8/6/2021	Short	\$0.41029	\$0.41143	\$0.41589
8/7/2021	Long	\$0.40216	\$0.40228	\$0.40600
8/8/2021	Short	\$0.40945	\$0.41013	\$0.41336
8/9/2021	Short	\$0.40945	\$0.41013	\$0.41336
8/10/2021	Short	\$0.40626	\$0.40626	\$0.41285
8/11/2021	Short	\$0.40486	\$0.40599	\$0.41133
8/12/2021	Short	\$0.39720	\$0.39978	\$0.40626
8/13/2021	Short	\$0.38955	\$0.39494	\$0.39865
8/14/2021	Long	\$0.37817	\$0.37958	\$0.37304
8/15/2021	Short	\$0.38546	\$0.38670	\$0.38851
8/16/2021	Long	\$0.37817	\$0.37958	\$0.37304
8/17/2021	Long	\$0.37460	\$0.37819	\$0.37659
8/18/2021	Long	\$0.36797	\$0.37395	\$0.37101
8/19/2021	Short	\$0.37577	\$0.37640	\$0.38039
8/20/2021	Long	\$0.36184	\$0.36474	\$0.36594
8/21/2021	Long	\$0.37205	\$0.37768	\$0.36594
8/22/2021	Long	\$0.37205	\$0.37768	\$0.36594
8/23/2021	Short	\$0.37958	\$0.38567	\$0.38090
8/24/2021	Short	\$0.39317	\$0.39317	\$0.39713
8/25/2021	Long	\$0.38277	\$0.38596	\$0.38876
8/26/2021	Long	\$0.38583	\$0.39320	\$0.39890
8/27/2021	Long	\$0.39808	\$0.40303	\$0.40144
8/28/2021	Long	\$0.42257	\$0.42388	\$0.42223
8/29/2021	Long	\$0.42257	\$0.42388	\$0.42223
8/30/2021	Short	\$0.42986	\$0.43254	\$0.43161
8/31/2021	Short	\$0.42425	\$0.42636	\$0.42654
Average		\$0.39232	\$0.39494	\$0.39532

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Tipellie	Tipellile	Gus i ipeniie
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
9/1/2021	Short	\$0.42350	\$0.46130	\$0.42759
9/2/2021	Long	\$0.43585	\$0.43875	\$0.43997
9/3/2021	Long	\$0.45354	\$0.45354	\$0.45009
9/4/2021	Short	\$0.46525	\$0.50190	\$0.46756
9/5/2021	Long	\$0.45404	\$0.45404	\$0.44756
9/6/2021	Long	\$0.45404	\$0.45404	\$0.44756
9/7/2021	Short	\$0.46525	\$0.50190	\$0.46756
9/8/2021	Long	\$0.45062	\$0.45103	\$0.43744
9/9/2021	Long	\$0.47862	\$0.47592	\$0.47337
9/10/2021	Long	\$0.47658	\$0.47865	\$0.46881
9/11/2021	Long	\$0.48418	\$0.48418	\$0.47640
9/12/2021	Long	\$0.48418	\$0.48418	\$0.47640
9/13/2021	Long	\$0.48418	\$0.48418	\$0.47640
9/14/2021	Long	\$0.50968	\$0.51103	\$0.50980
9/15/2021	Long	\$0.51482	\$0.51482	\$0.51131
9/16/2021	Long	\$0.54837	\$0.54613	\$0.54875
9/17/2021	Long	\$0.51833	\$0.52393	\$0.52700
9/18/2021	Long	\$0.50458	\$0.50628	\$0.49664
9/19/2021	Long	\$0.50458	\$0.50628	\$0.49664
9/20/2021	Short	\$0.51107	\$0.54815	\$0.51006
9/21/2021	Short	\$0.49936	\$0.53582	\$0.50550
9/22/2021	Short	\$0.47442	\$0.51064	\$0.47919
9/23/2021	Long	\$0.46182	\$0.46660	\$0.46426
9/24/2021	Long	\$0.46710	\$0.46710	\$0.46021
9/25/2021	Long	\$0.45053	\$0.45053	\$0.44908
9/26/2021	Long	\$0.45053	\$0.45053	\$0.44908
9/27/2021	Short	\$0.46220	\$0.50190	\$0.46705
9/28/2021	Short	\$0.50879	\$0.55072	\$0.51158
9/29/2021	Short	\$0.55333	\$0.59389	\$0.55306
9/30/2021	Short	\$0.53297	\$0.57231	\$0.54193
Average		\$0.48274	\$0.49601	\$0.48126

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Pipelille	Pipelille	das Fipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
10/1/2021	Long	\$0.53718	\$0.54244	\$0.54067
10/2/2021	Long	\$0.52988	\$0.52988	\$0.52954
10/3/2021	Short	\$0.54042	\$0.55206	\$0.54644
10/4/2021	Short	\$0.54042	\$0.55206	\$0.54644
10/5/2021	Short	\$0.58013	\$0.59215	\$0.59349
10/6/2021	Short	\$0.60864	\$0.61630	\$0.61879
10/7/2021	Short	\$0.58013	\$0.58444	\$0.58489
10/8/2021	Long	\$0.53972	\$0.54395	\$0.54168
10/9/2021	Long	\$0.51580	\$0.51934	\$0.51335
10/10/2021	Short	\$0.52005	\$0.54589	\$0.53126
10/11/2021	Short	\$0.52005	\$0.54589	\$0.53126
10/12/2021	Short	\$0.51030	\$0.52893	\$0.51608
10/13/2021	Long	\$0.50408	\$0.51052	\$0.50981
10/14/2021	Short	\$0.51984	\$0.53202	\$0.53025
10/15/2021	Short	\$0.56454	\$0.57159	\$0.57022
10/16/2021	Long	\$0.50176	\$0.50176	\$0.50475
10/17/2021	Long	\$0.50176	\$0.50176	\$0.50475
10/18/2021	Long	\$0.50176	\$0.50176	\$0.50475
10/19/2021	Long	\$0.48168	\$0.48316	\$0.47995
10/20/2021	Long	\$0.46285	\$0.46509	\$0.46275
10/21/2021	Short	\$0.48569	\$0.49245	\$0.50090
10/22/2021	Short	\$0.50122	\$0.50581	\$0.50697
10/23/2021	Short	\$0.50580	\$0.52174	\$0.51001
10/24/2021	Short	\$0.50580	\$0.52174	\$0.51001
10/25/2021	Short	\$0.50580	\$0.52174	\$0.51001
10/26/2021	Short	\$0.56504	\$0.56748	\$0.56819
10/27/2021	Short	\$0.56002	\$0.56594	\$0.57123
10/28/2021	Short	\$0.58675	\$0.59626	\$0.60007
10/29/2021	Short	\$0.55671	\$0.56018	\$0.55807
10/30/2021	Short	\$0.55671	\$0.56018	\$0.55807
10/31/2021	Short	\$0.55671	\$0.56018	\$0.55807
Average		\$0.53056	\$0.53854	\$0.53589

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
11/1/2021	Short	\$0.52308	\$0.56311	\$0.54161
11/2/2021	Short	\$0.51544	\$0.54358	\$0.52344
11/3/2021	Short	\$0.53886	\$0.57669	\$0.55422
11/4/2021	Short	\$0.55650	\$0.59754	\$0.57138
11/5/2021	Long	\$0.54940	\$0.55761	\$0.55283
11/6/2021	Long	\$0.50612	\$0.51476	\$0.50691
11/7/2021	Long	\$0.50612	\$0.51476	\$0.50691
11/8/2021	Long	\$0.50612	\$0.51476	\$0.50691
11/9/2021	Long	\$0.50663	\$0.50598	\$0.51448
11/10/2021	Long	\$0.46488	\$0.45849	\$0.46100
11/11/2021	Short	\$0.44976	\$0.48945	\$0.46188
11/12/2021	Short	\$0.47564	\$0.52148	\$0.48762
11/13/2021	Long	\$0.46692	\$0.47191	\$0.47462
11/14/2021	Short	\$0.47413	\$0.51480	\$0.48661
11/15/2021	Short	\$0.47413	\$0.51480	\$0.48661
11/16/2021	Short	\$0.45740	\$0.49564	\$0.47399
11/17/2021	Short	\$0.49915	\$0.53793	\$0.51335
11/18/2021	Short	\$0.48337	\$0.52197	\$0.49518
11/19/2021	Short	\$0.48642	\$0.53022	\$0.50275
11/20/2021	Short	\$0.48438	\$0.52611	\$0.49922
11/21/2021	Short	\$0.48438	\$0.52611	\$0.49922
11/22/2021	Short	\$0.48438	\$0.52611	\$0.49922
11/23/2021	Short	\$0.46258	\$0.49321	\$0.47097
11/24/2021	Long	\$0.46946	\$0.46314	\$0.47210
11/25/2021	Short	\$0.48217	\$0.52199	\$0.49619
11/26/2021	Short	\$0.48217	\$0.52199	\$0.49619
11/27/2021	Short	\$0.48217	\$0.52199	\$0.49619
11/28/2021	Short	\$0.48217	\$0.52199	\$0.49619
11/29/2021	Long	\$0.47659	\$0.47862	\$0.48118
11/30/2021	Short	\$0.47464	\$0.51840	\$0.48459
Average		\$0.49017	\$0.51884	\$0.50045

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Pipelille	Pipeillie	Gas Pipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
12/1/2021	Long	\$0.40633	\$0.41151	\$0.40701
12/2/2021	Long	\$0.39157	\$0.39189	\$0.39086
12/3/2021	Short	\$0.38523	\$0.42178	\$0.39944
12/4/2021	Short	\$0.38367	\$0.41664	\$0.39288
12/5/2021	Short	\$0.38367	\$0.41664	\$0.39288
12/6/2021	Short	\$0.38367	\$0.41664	\$0.39288
12/7/2021	Short	\$0.35261	\$0.38786	\$0.37220
12/8/2021	Short	\$0.36076	\$0.39652	\$0.38531
12/9/2021	Long	\$0.35745	\$0.35369	\$0.36159
12/10/2021	Long	\$0.34727	\$0.34285	\$0.34595
12/11/2021	Short	\$0.35974	\$0.39762	\$0.37472
12/12/2021	Long	\$0.35542	\$0.35317	\$0.35554
12/13/2021	Long	\$0.35542	\$0.35317	\$0.35554
12/14/2021	Long	\$0.37375	\$0.37124	\$0.37219
12/15/2021	Long	\$0.33862	\$0.33562	\$0.33788
12/16/2021	Short	\$0.36534	\$0.40174	\$0.38178
12/17/2021	Short	\$0.36788	\$0.40117	\$0.38481
12/18/2021	Short	\$0.36025	\$0.39608	\$0.37371
12/19/2021	Short	\$0.36025	\$0.39608	\$0.37371
12/20/2021	Short	\$0.36025	\$0.39608	\$0.37371
12/21/2021	Short	\$0.37959	\$0.41304	\$0.40247
12/22/2021	Long	\$0.37268	\$0.37268	\$0.37370
12/23/2021	Long	\$0.37477	\$0.37073	\$0.37421
12/24/2021	Long	\$0.33302	\$0.32168	\$0.32779
12/25/2021	Long	\$0.33302	\$0.32168	\$0.32779
12/26/2021	Long	\$0.33302	\$0.32168	\$0.32779
12/27/2021	Long	\$0.33302	\$0.32168	\$0.32779
12/28/2021	Short	\$0.34294	\$0.36833	\$0.37421
12/29/2021	Short	\$0.37247	\$0.38413	\$0.42265
12/30/2021	Long	\$0.35108	\$0.33356	\$0.37320
12/31/2021	Long	\$0.35108	\$0.33356	\$0.37320
Average		\$0.36212	\$0.37486	\$0.37192

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Tipellile	Tipellile	dus i ipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
1/1/2020	Long	\$0.18797	\$0.14624	\$0.19665
1/2/2020	Long	\$0.18797	\$0.14624	\$0.19665
1/3/2020	Long	\$0.18118	\$0.15760	\$0.19512
1/4/2020	Short	\$0.19440	\$0.22981	\$0.22660
1/5/2020	Short	\$0.19440	\$0.22981	\$0.22660
1/6/2020	Short	\$0.19440	\$0.22981	\$0.22660
1/7/2020	Short	\$0.20548	\$0.23753	\$0.24034
1/8/2020	Long	\$0.18953	\$0.17258	\$0.20581
1/9/2020	Long	\$0.19058	\$0.17361	\$0.20072
1/10/2020	Long	\$0.18953	\$0.16173	\$0.20225
1/11/2020	Long	\$0.20154	\$0.17154	\$0.20733
1/12/2020	Long	\$0.20154	\$0.17154	\$0.20733
1/13/2020	Long	\$0.20154	\$0.17154	\$0.20733
1/14/2020	Long	\$0.19319	\$0.15450	\$0.20937
1/15/2020	Short	\$0.20699	\$0.24113	\$0.24899
1/16/2020	Short	\$0.19843	\$0.23393	\$0.24797
1/17/2020	Long	\$0.19841	\$0.17309	\$0.20530
1/18/2020	Long	\$0.19736	\$0.16845	\$0.22005
1/19/2020	Long	\$0.19736	\$0.16845	\$0.22005
1/20/2020	Long	\$0.19736	\$0.16845	\$0.22005
1/21/2020	Long	\$0.19736	\$0.16845	\$0.22005
1/22/2020	Long	\$0.17596	\$0.15243	\$0.18189
1/23/2020	Short	\$0.18212	\$0.22210	\$0.21388
1/24/2020	Long	\$0.17961	\$0.15812	\$0.18342
1/25/2020	Long	\$0.17439	\$0.16121	\$0.17935
1/26/2020	Short	\$0.18056	\$0.21901	\$0.21083
1/27/2020	Short	\$0.18056	\$0.21901	\$0.21083
1/28/2020	Short	\$0.18995	\$0.22107	\$0.21795
1/29/2020	Short	\$0.18282	\$0.22313	\$0.21643
1/30/2020	Short	\$0.18943	\$0.22158	\$0.21541
1/31/2020	Long	\$0.17335	\$0.16173	\$0.17782
Average		\$0.19082	\$0.18824	\$0.21093

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
2/1/2020	Long	\$0.16499	\$0.14572	\$0.16663
2/2/2020	Long	\$0.16499	\$0.14572	\$0.16663
2/3/2020	Long	\$0.16499	\$0.14572	\$0.16663
2/4/2020	Long	\$0.17375	\$0.15347	\$0.17680
2/5/2020	Short	\$0.17774	\$0.20780	\$0.21469
2/6/2020	Short	\$0.18139	\$0.20882	\$0.21418
2/7/2020	Short	\$0.18035	\$0.20934	\$0.21418
2/8/2020	Long	\$0.17677	\$0.16793	\$0.17986
2/9/2020	Short	\$0.18505	\$0.20882	\$0.21520
2/10/2020	Short	\$0.18505	\$0.20882	\$0.21520
2/11/2020	Short	\$0.17930	\$0.20471	\$0.20859
2/12/2020	Short	\$0.18035	\$0.20471	\$0.21826
2/13/2020	Short	\$0.19027	\$0.21551	\$0.24878
2/14/2020	Short	\$0.18766	\$0.21243	\$0.22538
2/15/2020	Short	\$0.17721	\$0.20625	\$0.20961
2/16/2020	Long	\$0.17021	\$0.15553	\$0.17375
2/17/2020	Short	\$0.17721	\$0.20625	\$0.20961
2/18/2020	Short	\$0.17721	\$0.20625	\$0.20961
2/19/2020	Short	\$0.18818	\$0.22014	\$0.23098
2/20/2020	Short	\$0.19236	\$0.22477	\$0.23047
2/21/2020	Long	\$0.17909	\$0.17258	\$0.18342
2/22/2020	Long	\$0.17544	\$0.16741	\$0.17477
2/23/2020	Long	\$0.17544	\$0.16741	\$0.17477
2/24/2020	Long	\$0.17544	\$0.16741	\$0.17477
2/25/2020	Long	\$0.17021	\$0.16225	\$0.17680
2/26/2020	Short	\$0.18400	\$0.21191	\$0.21520
2/27/2020	Short	\$0.18609	\$0.21140	\$0.21469
2/28/2020	Short	\$0.16418	\$0.19751	\$0.20096
2/29/2020	Long	\$0.15612	\$0.14365	\$0.16459
Average		\$0.17728	\$0.18828	\$0.19914

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
3/1/2020	Long	\$0.14881	\$0.14520	\$0.15645
3/2/2020	Short	\$0.15915	\$0.22697	\$0.18991
3/3/2020	Long	\$0.14306	\$0.14159	\$0.15696
3/4/2020	Long	\$0.14672	\$0.14417	\$0.15696
3/5/2020	Short	\$0.16670	\$0.23674	\$0.19348
3/6/2020	Long	\$0.14150	\$0.14520	\$0.15696
3/7/2020	Long	\$0.13575	\$0.13591	\$0.14424
3/8/2020	Short	\$0.15411	\$0.22440	\$0.17821
3/9/2020	Short	\$0.15411	\$0.22440	\$0.17821
3/10/2020	Short	\$0.15562	\$0.22388	\$0.18686
3/11/2020	Long	\$0.15612	\$0.14727	\$0.16561
3/12/2020	Long	\$0.16290	\$0.15657	\$0.17884
3/13/2020	Short	\$0.16771	\$0.23520	\$0.19907
3/14/2020	Short	\$0.17526	\$0.24394	\$0.20874
3/15/2020	Short	\$0.17526	\$0.24394	\$0.20874
3/16/2020	Short	\$0.17526	\$0.24394	\$0.20874
3/17/2020	Short	\$0.16871	\$0.23880	\$0.20111
3/18/2020	Long	\$0.14306	\$0.14934	\$0.16408
3/19/2020	Short	\$0.15008	\$0.21668	\$0.18432
3/20/2020	Short	\$0.15411	\$0.22285	\$0.19144
3/21/2020	Short	\$0.15922	\$0.22388	\$0.18788
3/22/2020	Short	\$0.15922	\$0.22388	\$0.18788
3/23/2020	Short	\$0.15922	\$0.22388	\$0.18788
3/24/2020	Long	\$0.14411	\$0.14572	\$0.14780
3/25/2020	Long	\$0.13784	\$0.13384	\$0.15136
3/26/2020	Long	\$0.13784	\$0.13694	\$0.15136
3/27/2020	Long	\$0.13367	\$0.13177	\$0.13966
3/28/2020	Long	\$0.12270	\$0.11628	\$0.12847
3/29/2020	Short	\$0.14051	\$0.20639	\$0.16040
3/30/2020	Long	\$0.12270	\$0.11628	\$0.12847
3/31/2020	Long	\$0.12897	\$0.12713	\$0.13254
Average		\$0.15097	\$0.18493	\$0.17138

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
4/1/2020	Long	\$0.12867	\$0.10171	\$0.15342
4/2/2020	Long	\$0.13433	\$0.10687	\$0.14886
4/3/2020	Short	\$0.14756	\$0.15280	\$0.16606
4/4/2020	Long	\$0.13073	\$0.10429	\$0.13872
4/5/2020	Short	\$0.14353	\$0.14920	\$0.15794
4/6/2020	Long	\$0.13073	\$0.10429	\$0.13872
4/7/2020	Long	\$0.14153	\$0.11669	\$0.15444
4/8/2020	Long	\$0.15594	\$0.13580	\$0.17168
4/9/2020	Long	\$0.16366	\$0.14819	\$0.17625
4/10/2020	Long	\$0.15903	\$0.14458	\$0.17016
4/11/2020	Long	\$0.15903	\$0.14458	\$0.17016
4/12/2020	Short	\$0.16878	\$0.17698	\$0.18888
4/13/2020	Short	\$0.16878	\$0.17698	\$0.18888
4/14/2020	Short	\$0.18080	\$0.18521	\$0.20460
4/15/2020	Short	\$0.17023	\$0.17389	\$0.19192
4/16/2020	Short	\$0.16368	\$0.16823	\$0.18279
4/17/2020	Short	\$0.15411	\$0.16154	\$0.17316
4/18/2020	Long	\$0.14565	\$0.14251	\$0.16509
4/19/2020	Long	\$0.14565	\$0.14251	\$0.16509
4/20/2020	Long	\$0.14565	\$0.14251	\$0.16509
4/21/2020	Short	\$0.17526	\$0.18109	\$0.18736
4/22/2020	Long	\$0.16263	\$0.16111	\$0.17726
4/23/2020	Long	\$0.16160	\$0.16111	\$0.18233
4/24/2020	Long	\$0.16520	\$0.16472	\$0.18487
4/25/2020	Long	\$0.16212	\$0.16007	\$0.17118
4/26/2020	Long	\$0.16212	\$0.16007	\$0.17118
4/27/2020	Long	\$0.16212	\$0.16007	\$0.17118
4/28/2020	Long	\$0.15800	\$0.15439	\$0.15850
4/29/2020	Long	\$0.16520	\$0.16369	\$0.16965
4/30/2020	Long	\$0.16569	\$0.16408	\$0.16408
Average		\$0.15593	\$0.15033	\$0.17032

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		T ipellite	- ipeilie	Cus i ipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
5/1/2020	Long	\$0.16366	\$0.16214	\$0.16306
5/2/2020	Long	\$0.16006	\$0.15956	\$0.15951
5/3/2020	Long	\$0.16006	\$0.15956	\$0.15951
5/4/2020	Long	\$0.16006	\$0.15956	\$0.15951
5/5/2020	Short	\$0.18518	\$0.18108	\$0.19589
5/6/2020	Short	\$0.20525	\$0.20242	\$0.21466
5/7/2020	Long	\$0.18990	\$0.18774	\$0.19451
5/8/2020	Short	\$0.19342	\$0.19034	\$0.20147
5/9/2020	Long	\$0.16932	\$0.16768	\$0.17118
5/10/2020	Short	\$0.17901	\$0.17763	\$0.18474
5/11/2020	Short	\$0.17901	\$0.17763	\$0.18474
5/12/2020	Short	\$0.18055	\$0.17918	\$0.18930
5/13/2020	Long	\$0.16469	\$0.16305	\$0.16712
5/14/2020	Long	\$0.15461	\$0.15461	\$0.15647
5/15/2020	Long	\$0.15210	\$0.15173	\$0.15495
5/16/2020	Long	\$0.15594	\$0.15663	\$0.15799
5/17/2020	Short	\$0.16563	\$0.16565	\$0.17307
5/18/2020	Long	\$0.15594	\$0.15663	\$0.15799
5/19/2020	Long	\$0.16932	\$0.16989	\$0.17118
5/20/2020	Long	\$0.17677	\$0.17677	\$0.17777
5/21/2020	Long	\$0.17577	\$0.17577	\$0.17625
5/22/2020	Long	\$0.16006	\$0.16007	\$0.16052
5/23/2020	Short	\$0.16460	\$0.16617	\$0.17104
5/24/2020	Long	\$0.15461	\$0.15461	\$0.15748
5/25/2020	Long	\$0.15461	\$0.15461	\$0.15748
5/26/2020	Long	\$0.15461	\$0.15461	\$0.15748
5/27/2020	Long	\$0.17138	\$0.17143	\$0.17625
5/28/2020	Long	\$0.17292	\$0.17195	\$0.17726
5/29/2020	Short	\$0.17592	\$0.17594	\$0.18017
5/30/2020	Long	\$0.16469	\$0.16469	\$0.16610
5/31/2020	Short	\$0.17592	\$0.17594	\$0.18017
Average		\$0.16921	\$0.16856	\$0.17274

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
6/1/2020	Long	\$0.15411	\$0.15387	\$0.15452
6/2/2020	Short	\$0.16039	\$0.15880	\$0.17200
6/3/2020	Short	\$0.16862	\$0.16810	\$0.18366
6/4/2020	Short	\$0.18406	\$0.18411	\$0.19735
6/5/2020	Long	\$0.17086	\$0.17025	\$0.17227
6/6/2020	Long	\$0.15903	\$0.16007	\$0.15909
6/7/2020	Short	\$0.16553	\$0.16850	\$0.17859
6/8/2020	Short	\$0.16553	\$0.16850	\$0.17859
6/9/2020	Short	\$0.16656	\$0.16901	\$0.17707
6/10/2020	Long	\$0.16109	\$0.16059	\$0.16010
6/11/2020	Long	\$0.16166	\$0.16166	\$0.16112
6/12/2020	Long	\$0.15814	\$0.15814	\$0.15807
6/13/2020	Short	\$0.15627	\$0.15821	\$0.16743
6/14/2020	Short	\$0.15627	\$0.15821	\$0.16743
6/15/2020	Short	\$0.15627	\$0.15821	\$0.16743
6/16/2020	Short	\$0.15370	\$0.15312	\$0.16287
6/17/2020	Short	\$0.14290	\$0.14331	\$0.15779
6/18/2020	Long	\$0.14668	\$0.14458	\$0.14844
6/19/2020	Short	\$0.15113	\$0.15157	\$0.16997
6/20/2020	Short	\$0.15627	\$0.15519	\$0.17098
6/21/2020	Short	\$0.15627	\$0.15519	\$0.17098
6/22/2020	Short	\$0.15627	\$0.15519	\$0.17098
6/23/2020	Short	\$0.16553	\$0.16603	\$0.18011
6/24/2020	Long	\$0.15411	\$0.15276	\$0.15351
6/25/2020	Long	\$0.15851	\$0.15646	\$0.15858
6/26/2020	Long	\$0.14771	\$0.14505	\$0.14945
6/27/2020	Short	\$0.14804	\$0.14641	\$0.16236
6/28/2020	Short	\$0.14804	\$0.14641	\$0.16236
6/29/2020	Long	\$0.14153	\$0.13939	\$0.14286
6/30/2020	Short	\$0.16519	\$0.16593	\$0.18112
Average		\$0.15788	\$0.15776	\$0.16657

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		Pipelille	Pipeilile	das Fipellile
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
7/1/2020	Short	\$0.16720	\$0.17519	\$0.18368
7/2/2020	Short	\$0.15612	\$0.16644	\$0.17709
7/3/2020	Short	\$0.15572	\$0.16336	\$0.17100
7/4/2020	Short	\$0.15572	\$0.16336	\$0.17100
7/5/2020	Short	\$0.15572	\$0.16336	\$0.17100
7/6/2020	Short	\$0.15572	\$0.16336	\$0.17100
7/7/2020	Short	\$0.17476	\$0.18136	\$0.19332
7/8/2020	Short	\$0.18533	\$0.18856	\$0.20346
7/9/2020	Long	\$0.17189	\$0.17195	\$0.18090
7/10/2020	Short	\$0.18145	\$0.19165	\$0.20194
7/11/2020	Short	\$0.17527	\$0.18548	\$0.18926
7/12/2020	Short	\$0.17527	\$0.18548	\$0.18926
7/13/2020	Short	\$0.17527	\$0.18548	\$0.18926
7/14/2020	Short	\$0.17270	\$0.18445	\$0.18926
7/15/2020	Short	\$0.16961	\$0.17930	\$0.18520
7/16/2020	Short	\$0.17115	\$0.18085	\$0.18875
7/17/2020	Short	\$0.17630	\$0.18290	\$0.18977
7/18/2020	Short	\$0.17073	\$0.18085	\$0.18520
7/19/2020	Short	\$0.17073	\$0.18085	\$0.18520
7/20/2020	Short	\$0.17073	\$0.18085	\$0.18520
7/21/2020	Short	\$0.16395	\$0.17107	\$0.17912
7/22/2020	Short	\$0.16368	\$0.17570	\$0.18216
7/23/2020	Short	\$0.16166	\$0.17467	\$0.17861
7/24/2020	Long	\$0.15748	\$0.15542	\$0.15757
7/25/2020	Long	\$0.16057	\$0.15904	\$0.16467
7/26/2020	Short	\$0.16771	\$0.18033	\$0.18571
7/27/2020	Short	\$0.16771	\$0.18033	\$0.18571
7/28/2020	Short	\$0.17174	\$0.18393	\$0.19129
7/29/2020	Short	\$0.17630	\$0.18548	\$0.19535
7/30/2020	Short	\$0.17979	\$0.18959	\$0.19940
7/31/2020	Short	\$0.17630	\$0.18753	\$0.19433
Average		\$0.16885	\$0.17736	\$0.18434

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
		T Ipellile	- ipeilie	ous ripeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
8/1/2020	Long	\$0.16572	\$0.16354	\$0.16822
8/2/2020	Short	\$0.17218	\$0.18506	\$0.18993
8/3/2020	Short	\$0.17218	\$0.18506	\$0.18993
8/4/2020	Short	\$0.18196	\$0.20103	\$0.20210
8/5/2020	Short	\$0.19339	\$0.21031	\$0.21022
8/6/2020	Short	\$0.19641	\$0.21752	\$0.21630
8/7/2020	Long	\$0.18527	\$0.18683	\$0.18698
8/8/2020	Long	\$0.18373	\$0.18114	\$0.18445
8/9/2020	Short	\$0.19037	\$0.21082	\$0.20515
8/10/2020	Long	\$0.18373	\$0.18114	\$0.18445
8/11/2020	Long	\$0.19402	\$0.19512	\$0.19560
8/12/2020	Long	\$0.19710	\$0.19742	\$0.19611
8/13/2020	Long	\$0.19247	\$0.19339	\$0.19256
8/14/2020	Long	\$0.20276	\$0.20340	\$0.20271
8/15/2020	Long	\$0.21203	\$0.21203	\$0.21133
8/16/2020	Long	\$0.21203	\$0.21203	\$0.21133
8/17/2020	Short	\$0.22261	\$0.23401	\$0.23253
8/18/2020	Short	\$0.22312	\$0.23659	\$0.23862
8/19/2020	Short	\$0.23033	\$0.24123	\$0.24166
8/20/2020	Short	\$0.22724	\$0.24432	\$0.24369
8/21/2020	Short	\$0.22724	\$0.23865	\$0.24217
8/22/2020	Short	\$0.22570	\$0.23247	\$0.23558
8/23/2020	Short	\$0.22570	\$0.23247	\$0.23558
8/24/2020	Short	\$0.22570	\$0.23247	\$0.23558
8/25/2020	Short	\$0.24731	\$0.25617	\$0.26094
8/26/2020	Long	\$0.23922	\$0.23922	\$0.23922
8/27/2020	Short	\$0.24370	\$0.25102	\$0.25536
8/28/2020	Short	\$0.24010	\$0.25308	\$0.25079
8/29/2020	Long	\$0.21958	\$0.21958	\$0.21741
8/30/2020	Short	\$0.22621	\$0.24277	\$0.23862
8/31/2020	Short	\$0.22621	\$0.24277	\$0.23862
Average		\$0.20920	\$0.21718	\$0.21786

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
9/1/2020	Short	\$0.21431	\$0.21477	\$0.23071
9/2/2020	Long	\$0.21040	\$0.21043	\$0.20769
9/3/2020	Short	\$0.22408	\$0.22508	\$0.23983
9/4/2020	Short	\$0.22562	\$0.22765	\$0.24490
9/5/2020	Short	\$0.20557	\$0.20344	\$0.22209
9/6/2020	Long	\$0.19785	\$0.19785	\$0.20060
9/7/2020	Short	\$0.20557	\$0.20344	\$0.22209
9/8/2020	Short	\$0.20557	\$0.20344	\$0.22209
9/9/2020	Short	\$0.20288	\$0.20602	\$0.22107
9/10/2020	Short	\$0.20094	\$0.20344	\$0.21753
9/11/2020	Short	\$0.19528	\$0.19880	\$0.21246
9/12/2020	Short	\$0.18036	\$0.18799	\$0.19928
9/13/2020	Short	\$0.18036	\$0.18799	\$0.19928
9/14/2020	Short	\$0.18036	\$0.18799	\$0.19928
9/15/2020	Long	\$0.18879	\$0.18935	\$0.19299
9/16/2020	Long	\$0.18725	\$0.18728	\$0.19198
9/17/2020	Long	\$0.18468	\$0.18314	\$0.19046
9/18/2020	Long	\$0.15999	\$0.15468	\$0.16612
9/19/2020	Long	\$0.13788	\$0.13657	\$0.14331
9/20/2020	Long	\$0.13788	\$0.13657	\$0.14331
9/21/2020	Long	\$0.13788	\$0.13657	\$0.14331
9/22/2020	Long	\$0.14353	\$0.14174	\$0.14635
9/23/2020	Long	\$0.14919	\$0.14835	\$0.15395
9/24/2020	Long	\$0.17234	\$0.17359	\$0.17880
9/25/2020	Long	\$0.18725	\$0.18728	\$0.19096
9/26/2020	Long	\$0.15742	\$0.15002	\$0.16714
9/27/2020	Short	\$0.17116	\$0.17356	\$0.19015
9/28/2020	Short	\$0.17116	\$0.17356	\$0.19015
9/29/2020	Short	\$0.16082	\$0.15914	\$0.17545
9/30/2020	Short	\$0.14127	\$0.14163	\$0.15770
Average		\$0.18059	\$0.18105	\$0.19203

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
10/1/2020	Short	\$0.15497	\$0.14863	\$0.16274
10/2/2020	Short	\$0.14005	\$0.13271	\$0.14651
10/3/2020	Short	\$0.11794	\$0.10794	\$0.11914
10/4/2020	Short	\$0.11794	\$0.10794	\$0.11914
10/5/2020	Long	\$0.10673	\$0.10602	\$0.10729
10/6/2020	Long	\$0.14851	\$0.14793	\$0.14430
10/7/2020	Long	\$0.15455	\$0.15414	\$0.15089
10/8/2020	Long	\$0.15858	\$0.15858	\$0.15799
10/9/2020	Long	\$0.11981	\$0.11981	\$0.11895
10/10/2020	Short	\$0.13388	\$0.13215	\$0.13637
10/11/2020	Long	\$0.12485	\$0.12485	\$0.12199
10/12/2020	Short	\$0.13388	\$0.13215	\$0.13637
10/13/2020	Short	\$0.18326	\$0.18109	\$0.18859
10/14/2020	Short	\$0.19920	\$0.19382	\$0.20532
10/15/2020	Short	\$0.21155	\$0.21032	\$0.22256
10/16/2020	Short	\$0.23315	\$0.22636	\$0.23777
10/17/2020	Long	\$0.21496	\$0.21426	\$0.21832
10/18/2020	Long	\$0.21496	\$0.21426	\$0.21832
10/19/2020	Short	\$0.22646	\$0.21809	\$0.23219
10/20/2020	Short	\$0.24909	\$0.24466	\$0.26667
10/21/2020	Long	\$0.27312	\$0.27092	\$0.27662
10/22/2020	Short	\$0.28509	\$0.27863	\$0.28999
10/23/2020	Short	\$0.31081	\$0.29903	\$0.31787
10/24/2020	Long	\$0.29853	\$0.29101	\$0.32580
10/25/2020	Short	\$0.31030	\$0.29853	\$0.33916
10/26/2020	Short	\$0.31030	\$0.29853	\$0.33916
10/27/2020	Short	\$0.33190	\$0.31615	\$0.66109
10/28/2020	Long	\$0.30507	\$0.30441	\$0.30349
10/29/2020	Short	\$0.31287	\$0.30916	\$0.31787
10/30/2020	Short	\$0.30515	\$0.29881	\$0.30367
10/31/2020	Short	\$0.30515	\$0.29881	\$0.30367
Average		\$0.21589	\$0.21096	\$0.23193

		ANR	Natural Gas	Northern Natural
		Pipeline	Pipeline	Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
11/1/2020	Short	\$0.30204	\$0.30014	\$0.32603
11/2/2020	Short	\$0.30204	\$0.30014	\$0.32603
11/3/2020	Long	\$0.28645	\$0.28645	\$0.27900
11/4/2020	Long	\$0.26581	\$0.26581	\$0.26627
11/5/2020	Long	\$0.24064	\$0.23911	\$0.24130
11/6/2020	Long	\$0.22050	\$0.21789	\$0.22092
11/7/2020	Long	\$0.19734	\$0.19668	\$0.20105
11/8/2020	Long	\$0.19734	\$0.19668	\$0.20105
11/9/2020	Long	\$0.19734	\$0.19668	\$0.20105
11/10/2020	Short	\$0.24907	\$0.24381	\$0.27406
11/11/2020	Short	\$0.26552	\$0.26442	\$0.28782
11/12/2020	Short	\$0.26501	\$0.26493	\$0.29240
11/13/2020	Short	\$0.27684	\$0.27575	\$0.29801
11/14/2020	Short	\$0.27427	\$0.27369	\$0.29902
11/15/2020	Short	\$0.27427	\$0.27369	\$0.29902
11/16/2020	Short	\$0.27427	\$0.27369	\$0.29902
11/17/2020	Short	\$0.25472	\$0.25051	\$0.27559
11/18/2020	Long	\$0.22684	\$0.22876	\$0.23264
11/19/2020	Long	\$0.20892	\$0.20726	\$0.21430
11/20/2020	Short	\$0.21194	\$0.21194	\$0.23126
11/21/2020	Short	\$0.21923	\$0.21698	\$0.24604
11/22/2020	Short	\$0.21923	\$0.21698	\$0.24604
11/23/2020	Short	\$0.21923	\$0.21698	\$0.24604
11/24/2020	Long	\$0.22503	\$0.22065	\$0.22551
11/25/2020	Long	\$0.22604	\$0.22604	\$0.22907
11/26/2020	Long	\$0.22838	\$0.22426	\$0.22347
11/27/2020	Short	\$0.24718	\$0.24718	\$0.25674
11/28/2020	Long	\$0.22838	\$0.22426	\$0.22347
11/29/2020	Short	\$0.24718	\$0.24718	\$0.25674
11/30/2020	Short	\$0.24718	\$0.24718	\$0.25674
Average		\$0.24327	\$0.24186	\$0.25586

		ANR Pipeline	Natural Gas Pipeline	Northern Natural Gas Pipeline
Date	Imb*	Cashout Rate	Cashout Rate	Cashout Rate
12/1/2020	Short	\$0.27948	\$0.27220	\$0.29390
12/2/2020	Long	\$0.25624	\$0.25624	\$0.25455
12/3/2020	Long	\$0.26379	\$0.26379	\$0.26219
12/4/2020	Short	\$0.23782	\$0.23711	\$0.25467
12/5/2020	Short	\$0.23936	\$0.24124	\$0.25722
12/6/2020	Short	\$0.23936	\$0.24124	\$0.25722
12/7/2020	Short	\$0.23936	\$0.24124	\$0.25722
12/8/2020	Long	\$0.22100	\$0.22048	\$0.21939
12/9/2020	Long	\$0.22302	\$0.22302	\$0.22194
12/10/2020	Long	\$0.22855	\$0.22855	\$0.22958
12/11/2020	Long	\$0.22805	\$0.22805	\$0.23009
12/12/2020	Long	\$0.24366	\$0.24366	\$0.24283
12/13/2020	Short	\$0.24914	\$0.24896	\$0.26435
12/14/2020	Short	\$0.24914	\$0.24896	\$0.26435
12/15/2020	Short	\$0.27074	\$0.26444	\$0.28983
12/16/2020	Short	\$0.26971	\$0.26185	\$0.28677
12/17/2020	Short	\$0.26611	\$0.26184	\$0.28320
12/18/2020	Short	\$0.27022	\$0.26081	\$0.28371
12/19/2020	Short	\$0.26559	\$0.26339	\$0.27964
12/20/2020	Short	\$0.26559	\$0.26339	\$0.27964
12/21/2020	Long	\$0.25876	\$0.25876	\$0.25811
12/22/2020	Long	\$0.25070	\$0.25070	\$0.24894
12/23/2020	Short	\$0.26817	\$0.26699	\$0.29390
12/24/2020	Long	\$0.26077	\$0.26077	\$0.26678
12/25/2020	Long	\$0.24970	\$0.24950	\$0.25251
12/26/2020	Long	\$0.24970	\$0.24950	\$0.25251
12/27/2020	Short	\$0.25479	\$0.25150	\$0.27505
12/28/2020	Short	\$0.25479	\$0.25150	\$0.27505
12/29/2020	Short	\$0.22342	\$0.21849	\$0.24041
12/30/2020	Short	\$0.23628	\$0.23248	\$0.25875
12/31/2020	Short	\$0.24039	\$0.24270	\$0.26079
Average		\$0.25011	\$0.24850	\$0.26113



rates

Supply Index and Pipeline Transportation Charges

Supply Inde	ex and Pip	eline Transportation Ch	arges			
Effective (Mo/Yr)	Pipeline	Supply Commodity Index	Fuel (%)	Commodity (\$/Therm)	Demand (\$/Therm)	ACA (\$/Therm)
Jan-2025	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.02899	\$0.00014
Jaii-2023	ANR	GD-CHICAGO LDC	0.00 %	\$0.00273	\$0.00000	\$0.00014
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.25 %	\$0.00046	\$0.02854	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00159	\$0.02854	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00014
	NGPL	GD-NGPL MC	2.25 %	\$0.00146	\$0.02854	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00140	\$0.02854	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.06780	\$0.00014
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.06780	\$0.00000
Feb-2025	ANR	GD-ANR OK	1.96 %		\$0.00560	\$0.00014
reb-2025				\$0.00273	•	
	ANR NBPL	GD-CHICAGO LDC GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
			0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL NBPL	GD-NGPL MC	2.25 %	\$0.00146	\$0.02497	\$0.00014
		GD-NGPL TEXOK ZONE	1.89 %	\$0.00159	\$0.02497	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.25 %	\$0.00146	\$0.02497	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00159	\$0.02497	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.06367	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.06367	\$0.00000
Mar-2025	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.00581	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.25 %	\$0.00146	\$0.03646	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00159	\$0.03646	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.25 %	\$0.00146	\$0.03646	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00159	\$0.03646	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.05475	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.05475	\$0.00000
Apr-2025	ANR	GD-ANR OK	0.00 %	\$0.00000	\$0.00000	\$0.00000
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NNG	GD-NNG DEMARC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NNG	GD-NNG VENTURA	0.00 %	\$0.00000	\$0.00000	\$0.00000
May-2025	ANR	GD-ANR OK	0.00 %	\$0.00000	\$0.00000	\$0.00000
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NNG	GD-NNG DEMARC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NNG	GD-NNG VENTURA	0.00 %	\$0.00000	\$0.00000	\$0.00000

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<u> </u>	ex and Pip	eline Transportation Cha				
Effective (Mo/Yr)	Pipeline	Supply Commodity Index	Fuel (%)	Commodity (\$/Therm)	Demand (\$/Therm)	AC/ (\$/Therm
Jun-2025	ANR	GD-ANR OK	0.00 %	\$0.00000	\$0.00000	\$0.0000
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NNG	GD-NNG DEMARC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NNG	GD-NNG VENTURA	0.00 %	\$0.00000	\$0.00000	\$0.0000
Jul-2025	ANR	GD-ANR OK	0.00 %	\$0.00000	\$0.00000	\$0.0000
Jul 2020	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NNG	GD-NNG DEMARC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NNG	GD-NNG VENTURA	0.00 %	\$0.00000	\$0.00000	\$0.0000
A 2025		GD-ANR OK	0.00 %			\$0.00000
Aug-2025	ANR			\$0.00000	\$0.00000	•
	ANR NBPL	GD-CHICAGO LDC	0.00 % 0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC		\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL TEVOK ZONE	0.00 % 0.00 %	\$0.00000	\$0.00000	\$0.0000
		GD-NGPL TEXOK ZONE		\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL TEVOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NNG	GD-NNG DEMARC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NNG	GD-NNG VENTURA	0.00 %	\$0.00000	\$0.00000	\$0.0000
Sep-2025	ANR	GD-ANR OK	0.00 %	\$0.00000	\$0.00000	\$0.0000
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NNG	GD-NNG DEMARC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NNG	GD-NNG VENTURA	0.00 %	\$0.00000	\$0.00000	\$0.0000
Oct-2025	ANR	GD-ANR OK	0.00 %	\$0.00000	\$0.00000	\$0.0000
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NNG	GD-NNG DEMARC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NNG	GD-NNG VENTURA	0.00 %	\$0.00000	\$0.00000	\$0.0000

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Effective		eline Transportation Cha Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Nov-2025	ANR	GD-ANR OK	0.00 %	\$0.00000	\$0.00000	\$0.00000
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NNG	GD-NNG DEMARC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NNG	GD-NNG VENTURA	0.00 %	\$0.00000	\$0.00000	\$0.00000
Dec-2025	ANR	GD-ANR OK	0.00 %	\$0.00000	\$0.00000	\$0.00000
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL TEXOK ZONE	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NNG	GD-NNG DEMARC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NNG	GD-NNG VENTURA	0.00 %	\$0.00000	\$0.00000	\$0.00000

Effective (Mo/Yr)		-				
(Mo/Yr)		Supply Commodity	Fuel	Commodity	Demand	ACA
	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00576	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
I L	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00037	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00037	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00037	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00037	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.05120	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.05120	\$0.00000
Feb-2024	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00816	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
ļ	NBPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00002	\$0.00014
ļ	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00002	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00002	\$0.00014
ſ	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00002	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.05104	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.05104	\$0.00000
	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00577	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00014
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00004	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00140	\$0.00004	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00004	\$0.00014
	NGPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00004	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00140	\$0.00004	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00139	\$0.04319	\$0.00014
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.04319	\$0.00000
	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.01161	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00005	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00005	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00005	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00005	\$0.00014
	NNG	GD-NNG DEMARC	0.64 %	\$0.00280	\$0.01467	\$0.00000
	NNG	GD-NNG VENTURA	0.64 %	\$0.00280	\$0.01467	\$0.00000
May-2024	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.01015	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
[NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00166	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00166	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00166	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00166	\$0.00014
	NNG	GD-NNG DEMARC	0.64 %	\$0.00280	\$0.01453	\$0.00000
	NNG	GD-NNG VENTURA	0.64 %	\$0.00280	\$0.01453	\$0.00000

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Supply Inde	ex and Pip	eline Transportation Ch	arges			
Effective (Mo/Yr)	Pipeline	Supply Commodity Index	Fuel (%)	Commodity (\$/Therm)	Demand (\$/Therm)	ACA (\$/Therm)
Jun-2024	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.01064	\$0.00014
Juli 2024	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00005	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00005	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00014
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00005	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00005	\$0.00014
	NNG	GD-NNG DEMARC	0.64 %	\$0.00280	\$0.01558	\$0.00000
	NNG	GD-NNG VENTURA	0.64 %	\$0.00280	\$0.01558	\$0.00000
Jul-2024	ANR	GD-ANR OK	1.96 %		\$0.01016	\$0.00014
Jui-2024				\$0.00273	•	•
	ANR NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
		GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00023	\$0.00014
		GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00023	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00023	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00023	\$0.00014
	NNG	GD-NNG DEMARC	0.64 %	\$0.00280	\$0.01460	\$0.00000
	NNG	GD-NNG VENTURA	0.64 %	\$0.00280	\$0.01460	\$0.00000
Aug-2024	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.00773	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00004	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00004	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00004	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00004	\$0.00014
	NNG	GD-NNG DEMARC	0.64 %	\$0.00280	\$0.01381	\$0.00000
	NNG	GD-NNG VENTURA	0.64 %	\$0.00280	\$0.01381	\$0.00000
Sep-2024	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.00727	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.25 %	\$0.00034	\$0.00005	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00037	\$0.00005	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.25 %	\$0.00034	\$0.00005	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00037	\$0.00005	\$0.00014
	NNG	GD-NNG DEMARC	0.64 %	\$0.00280	\$0.01350	\$0.00000
	NNG	GD-NNG VENTURA	0.64 %	\$0.00280	\$0.01350	\$0.00000
Oct-2024	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.00734	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.25 %	\$0.00034	\$0.00001	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00037	\$0.00001	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.25 %	\$0.00034	\$0.00001	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00037	\$0.00001	\$0.00014
	NNG	GD-NNG DEMARC	0.64 %	\$0.00280	\$0.01536	\$0.00000
	NNG	GD-NNG VENTURA	0.64 %	\$0.00280	\$0.01536	\$0.00000

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Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Nov-2024	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.00574	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.25 %	\$0.00146	\$0.00018	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00159	\$0.00018	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.25 %	\$0.00146	\$0.00018	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00159	\$0.00018	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.02610	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.02610	\$0.00000
Dec-2024	ANR	GD-ANR OK	1.96 %	\$0.00273	\$0.00637	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.25 %	\$0.00146	\$0.00023	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00159	\$0.00023	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.25 %	\$0.00146	\$0.00023	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	1.89 %	\$0.00159	\$0.00023	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.05522	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.05522	\$0.00000

Supply Inde	ex and Pip	eline Transportation Ch	arges			
Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Jan-2023	ANR	GD-ANR OK	0.09 %	\$0.00273	\$0.00576	\$0.00015
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.01001	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.01001	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.01001	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.01001	\$0.00015
	NNG	GD-NNG DEMARC	0.88 %	\$0.00277	\$0.02862	\$0.00000
	NNG	GD-NNG VENTURA	0.88 %	\$0.00277	\$0.02862	\$0.00000
Feb-2023	ANR	GD-ANR OK	0.09 %	\$0.00273	\$0.00574	\$0.00015
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00715	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00715	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00715	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00715	\$0.00015
	NNG	GD-NNG DEMARC	0.88 %	\$0.00277	\$0.08598	\$0.00000
	NNG	GD-NNG VENTURA	0.88 %	\$0.00277	\$0.08598	\$0.00000
Mar-2023	ANR	GD-ANR OK	0.09 %	\$0.00273	\$0.00381	\$0.00015
1-101 2025	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00010
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00046	\$0.02065	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00140	\$0.02065	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00010
	NGPL	GD-NGPL MC	2.45 %	\$0.00046	\$0.02065	\$0.00005
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00140	\$0.02065	\$0.00015
	NNG	GD-NNG DEMARC	0.88 %	\$0.00133	\$0.02003	\$0.00013
	NNG	GD-NNG VENTURA	0.88 %	\$0.00277	\$0.06371	\$0.00000
	+				· · · · · · · · · · · · · · · · · · ·	
Apr-2023	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.01339	\$0.00015
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.01445	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.01445	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.01445	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.01445	\$0.00015
	NNG	GD-NNG DEMARC	0.92 %	\$0.00281	\$0.01265	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00281	\$0.01265	\$0.00000
May-2023	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00796	\$0.00015
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00796	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00796	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00796	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00796	\$0.00015
	NNG	GD-NNG DEMARC	0.92 %	\$0.00281	\$0.00870	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00281	\$0.00870	\$0.00000

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Supply Inde	ex and Pip	eline Transportation C	harges			
Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Jun-2023	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00735	\$0.00015
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00024	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00024	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00024	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00024	\$0.00015
	NNG	GD-NNG DEMARC	0.92 %	\$0.00281	\$0.00735	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00281	\$0.00735	\$0.00000
Jul-2023	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00578	\$0.00015
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00024	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00024	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00024	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00024	\$0.00015
	NNG	GD-NNG DEMARC	0.92 %	\$0.00281	\$0.00694	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00281	\$0.00694	\$0.00000
Aug-2023	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00578	\$0.00015
Aug 2023	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00024	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00024	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00024	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00024	\$0.00015
	NNG	GD-NNG DEMARC	0.92 %	\$0.00281	\$0.00713	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00281	\$0.00713	\$0.00000
Son 2022	1					\$0.00015
Sep-2023	ANR	GD-ANR OK	2.00 %	\$0.00273 \$0.00000	\$0.00571 \$0.00000	\$0.00013
	ANR	GD-CHICAGO LDC	0.00 %	•	•	•
	NBPL NBPL	GD-CHICAGO LDC GD-NGPL MC	0.00 %	\$0.00000	\$0.00000 \$0.00004	\$0.00000
		GD-NGPL TEXOK ZONE	2.45 %	\$0.00034	\$0.00004	\$0.00015
	NBPL NGPL		2.06 % 0.00 %	\$0.00037 \$0.00000	\$0.00004	\$0.00015
	NGPL	GD-CHICAGO LDC GD-NGPL MC		•	•	\$0.00000 \$0.00015
	NGPL	GD-NGPL MC GD-NGPL TEXOK ZONE	2.45 % 2.06 %	\$0.00034 \$0.00037	\$0.00004 \$0.00004	\$0.00015
	NNG	GD-NNG DEMARC		•		
	NNG		0.92 %	\$0.00281	\$0.00644	\$0.00000
		GD-NNG VENTURA	0.92 %	\$0.00281	\$0.00644	\$0.00000
Oct-2023	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00951	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00005	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00005	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00005	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00005	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.01093	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.01093	\$0.00000

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Effective		eline Transportation Cha Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Nov-2023	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00570	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00005	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00005	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00005	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00005	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.01576	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.01576	\$0.00000
Dec-2023	ANR	GD-ANR OK	2.00 %	\$0.00273	\$0.00576	\$0.00014
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00003	\$0.00014
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00003	\$0.00014
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00003	\$0.00014
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00003	\$0.00014
	NNG	GD-NNG DEMARC	0.92 %	\$0.00280	\$0.03614	\$0.00000
	NNG	GD-NNG VENTURA	0.92 %	\$0.00280	\$0.03614	\$0.00000

	ex and Pip	eline Transportation Cha				
Effective (Mo/Yr)	Pipeline	Supply Commodity Index	Fuel (%)	Commodity (\$/Therm)	Demand (\$/Therm)	AC/ (\$/Therm
Jan-2022	ANR	GD-ANR OK	1.42 %	\$0.00195	\$0.00633	\$0.0001
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.0001
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.04007	\$0.0001
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.0001
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.04007	\$0.0001
	NNG	GD-NNG DEMARC	0.46 %	\$0.00182	\$0.03056	\$0.0000
	NNG	GD-NNG VENTURA	0.46 %	\$0.00182	\$0.03056	\$0.0000
Feb-2022	ANR	GD-ANR OK	1.42 %	\$0.00195	\$0.00809	\$0.0001
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.0001
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.04007	\$0.0001
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.00012
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.04007	\$0.00012
	NNG	GD-NNG DEMARC	0.46 %	\$0.00182	\$0.02915	\$0.0000
	NNG	GD-NNG VENTURA	0.46 %	\$0.00182	\$0.02915	\$0.0000
Mar-2022	ANR	GD-ANR OK	1.42 %	\$0.00195	\$0.01174	\$0.0001
1101 2022	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.0001
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00110	\$0.04007	\$0.0001
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.0001
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00119	\$0.04007	\$0.00017
	NNG	GD-NNG DEMARC	0.46 %	\$0.00182	\$0.02796	\$0.0000
	NNG	GD-NNG VENTURA	0.46 %	\$0.00182	\$0.02796	\$0.0000
Apr-2022	ANR	GD-ANR OK	0.09 %	\$0.00195	\$0.01500	\$0.0001
Api-2022	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0001
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00463	\$0.0000
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00463	\$0.0001
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00037	\$0.00000	\$0.0001
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00463	\$0.0001
	NGPL	GD-NGPL TEXOK ZONE	2.71 %	\$0.00037	\$0.00463	\$0.00017
	NNG	GD-NNG DEMARC	0.01 %	\$0.00037	\$0.00403	\$0.0001
	NNG	GD-NNG VENTURA	0.01 %	\$0.00179	\$0.00735	\$0.0000
	+					
May-2022	ANR	GD-ANR OK	0.09 %	\$0.00195	\$0.01445	\$0.0001
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00783	\$0.0001
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00783	\$0.0001
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.0000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00783	\$0.0001
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00783	\$0.0001
	NNG	GD-NNG DEMARC	0.01 %	\$0.00179	\$0.00957	\$0.0000
	NNG	GD-NNG VENTURA	0.01 %	\$0.00179	\$0.00957	\$0.0000

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Supply Inde	ex and Pip	eline Transportation Ch	narges			
Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Jun-2022	ANR	GD-ANR OK	0.09 %	\$0.00195	\$0.00727	\$0.00012
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.03359	\$0.00012
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.03359	\$0.00012
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.03359	\$0.00012
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.03359	\$0.00012
	NNG	GD-NNG DEMARC	0.01 %	\$0.00179	\$0.00258	\$0.00000
	NNG	GD-NNG VENTURA	0.01 %	\$0.00179	\$0.00258	\$0.00000
Jul-2022	ANR	GD-ANR OK	0.09 %	\$0.00195	\$0.00517	\$0.00012
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.01237	\$0.00012
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.01237	\$0.00012
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.01237	\$0.00012
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.01237	\$0.00012
	NNG	GD-NNG DEMARC	0.01 %	\$0.00179	\$0.00263	\$0.00000
	NNG	GD-NNG VENTURA	0.01 %	\$0.00179	\$0.00263	\$0.00000
Aug-2022	ANR	GD-ANR OK	0.09 %	\$0.00273	\$0.00641	\$0.00012
Aug 2022	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.01186	\$0.00012
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.01186	\$0.00012
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.01186	\$0.00012
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.01186	\$0.00012
	NNG	GD-NNG DEMARC	0.01 %	\$0.00037	\$0.00314	\$0.00000
	NNG	GD-NNG VENTURA	0.01 %	\$0.00179	\$0.00314	\$0.00000
Com 2022				•		
Sep-2022	ANR	GD-ANR OK	0.09 %	\$0.00273	\$0.00853	\$0.00012
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00533	\$0.00012
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00533	\$0.00012
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00533	\$0.00012
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00533	\$0.00012
	NNG	GD-NNG DEMARC	0.01 %	\$0.00179	\$0.00319	\$0.00000
	NNG	GD-NNG VENTURA	0.01 %	\$0.00179	\$0.00319	\$0.00000
Oct-2022	ANR	GD-ANR OK	0.09 %	\$0.00273	\$0.00853	\$0.00015
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00610	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00610	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00034	\$0.00610	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00037	\$0.00610	\$0.00015
	NNG	GD-NNG DEMARC	0.01 %	\$0.00182	\$0.01213	\$0.00000
	NNG	GD-NNG VENTURA	0.01 %	\$0.00182	\$0.01213	\$0.00000

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Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Nov-2022	ANR	GD-ANR OK	0.09 %	\$0.00273	\$0.00579	\$0.00015
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.02224	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.02224	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.02224	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.02224	\$0.00015
	NNG	GD-NNG DEMARC	0.88 %	\$0.00182	\$0.01170	\$0.00000
	NNG	GD-NNG VENTURA	0.88 %	\$0.00182	\$0.01170	\$0.00000
Dec-2022	ANR	GD-ANR OK	0.09 %	\$0.00273	\$0.00576	\$0.00015
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00775	\$0.00015
	NBPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00775	\$0.00015
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.45 %	\$0.00146	\$0.00775	\$0.00015
	NGPL	GD-NGPL TEXOK ZONE	2.06 %	\$0.00159	\$0.00775	\$0.00015
	NNG	GD-NNG DEMARC	0.88 %	\$0.00182	\$0.02875	\$0.00000
	NNG	GD-NNG VENTURA	0.88 %	\$0.00182	\$0.02875	\$0.00000

Supply Inde	ex and Pip	eline Transportation C	harges			
Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Jan-2021	ANR	GD-ANR OK	2.05 %	\$0.00195	\$0.00417	\$0.00011
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
		GD-NGPL MC	2.71 %	\$0.00146	\$0.02674	\$0.00011
	NBPL NGPL	GD-NGPL TEXOK ZONE GD-CHICAGO LDC	2.27 % 0.00 %	\$0.00159 \$0.00000	\$0.02674	\$0.00011 \$0.00000
	NGPL	GD-NGPL MC	2.71 %	•	\$0.00000	
	NGPL	GD-NGPL MC GD-NGPL TEXOK ZONE	2.71 %	\$0.00146	\$0.02674	\$0.00011 \$0.00011
	NNG			\$0.00159	\$0.02674	•
		GD-NNG DEMARC	1.19 %	\$0.00183	\$0.02075	\$0.00000
	NNG	GD-NNG VENTURA	1.19 %	\$0.00183	\$0.02075	\$0.00000
Feb-2021	ANR	GD-ANR OK	2.05 %	\$0.00195	\$0.00423	\$0.00011
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.02704	\$0.00011
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.02704	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.02704	\$0.00011
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.02704	\$0.00011
	NNG	GD-NNG DEMARC	1.19 %	\$0.00183	\$0.01423	\$0.00000
	NNG	GD-NNG VENTURA	1.19 %	\$0.00183	\$0.01423	\$0.00000
Mar-2021	ANR	GD-ANR OK	2.05 %	\$0.00195	\$0.00344	\$0.00011
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.01523	\$0.00011
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.01523	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.01523	\$0.00011
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.01523	\$0.00011
	NNG	GD-NNG DEMARC	1.19 %	\$0.00183	\$0.01852	\$0.00000
	NNG	GD-NNG VENTURA	1.19 %	\$0.00183	\$0.01852	\$0.00000
Apr-2021	ANR	GD-ANR OK	1.35 %	\$0.00195	\$0.00671	\$0.00011
-	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00694	\$0.00011
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00694	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00694	\$0.00011
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00694	\$0.00011
	NNG	GD-NNG DEMARC	0.73 %	\$0.00181	\$0.00783	\$0.00000
	NNG	GD-NNG VENTURA	0.73 %	\$0.00181	\$0.00783	\$0.00000
May-2021	ANR	GD-ANR OK	1.35 %	\$0.00195	\$0.00621	\$0.00011
1-1dy 2021	ANR	GD-CHICAGO LDC	0.00 %	\$0.00193	\$0.00021	\$0.00011
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00810	\$0.00001
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00810	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00037	\$0.00000	\$0.00011
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00810	\$0.00000
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00034	\$0.00810	\$0.00011
	NNG	GD-NNG DEMARC	0.73 %	\$0.00037	\$0.00538	\$0.00011
	NNG	GD-NNG VENTURA	0.73 %	\$0.00181	\$0.00538	\$0.00000
	INING	GD-INING VENTURA	0.73 %	φυ.υυ101	φυ.υυ <u>σσο</u>	φυ.υυυυ

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Supply Inde	ex and Pip	eline Transportation C	Charges			
Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Jun-2021	ANR	GD-ANR OK	1.35 %	\$0.00195	\$0.00641	\$0.00011
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.03359	\$0.00011
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.03359	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.03359	\$0.00011
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.03359	\$0.00011
	NNG	GD-NNG DEMARC	0.73 %	\$0.00181	\$0.00417	\$0.00000
	NNG	GD-NNG VENTURA	0.73 %	\$0.00181	\$0.00417	\$0.00000
Jul-2021	ANR	GD-ANR OK	1.35 %	\$0.00195	\$0.00608	\$0.00011
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.03359	\$0.00011
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.03359	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.03359	\$0.00011
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.03359	\$0.00011
	NNG	GD-NNG DEMARC	0.73 %	\$0.00181	\$0.00458	\$0.00000
	NNG	GD-NNG VENTURA	0.73 %	\$0.00181	\$0.00458	\$0.00000
Aug-2021	ANR	GD-ANR OK	1.35 %	\$0.00195	\$0.00724	\$0.00011
7.09 _0	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00448	\$0.00011
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00448	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00448	\$0.00011
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00448	\$0.00011
	NNG	GD-NNG DEMARC	0.73 %	\$0.00181	\$0.00378	\$0.00000
	NNG	GD-NNG VENTURA	0.73 %	\$0.00181	\$0.00378	\$0.00000
Sep-2021	ANR	GD-ANR OK	1.35 %	\$0.00195	\$0.00646	\$0.00011
Sep-2021	ANR	GD-CHICAGO LDC	0.00 %	\$0.00193	\$0.00040	\$0.00011
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00000	\$0.00000
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.03359	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00037	\$0.00000	\$0.00011
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00000	\$0.00000
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00034	\$0.03359	\$0.00011
	NNG	GD-NNG DEMARC		\$0.00037		\$0.00011
	NNG	GD-NNG VENTURA	0.73 % 0.73 %	\$0.00181	\$0.00429 \$0.00429	\$0.00000
Oct-2021	ANR	GD-ANR OK	1.35 %	\$0.00195	\$0.00424	\$0.00012
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00626	\$0.00012
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00626	\$0.00012
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00626	\$0.00012
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00626	\$0.00012
	NNG	GD-NNG DEMARC	0.73 %	\$0.00182	\$0.00675	\$0.00000
	NNG	GD-NNG VENTURA	0.73 %	\$0.00182	\$0.00675	\$0.00000

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Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Nov-2021	ANR	GD-ANR OK	1.35 %	\$0.00195	\$0.00421	\$0.00012
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.00012
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.04007	\$0.00012
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.00012
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.04007	\$0.00012
	NNG	GD-NNG DEMARC	0.46 %	\$0.00182	\$0.01143	\$0.00000
	NNG	GD-NNG VENTURA	0.46 %	\$0.00182	\$0.01143	\$0.00000
Dec-2021	ANR	GD-ANR OK	1.35 %	\$0.00195	\$0.00430	\$0.00012
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.00012
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.04007	\$0.00012
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.04007	\$0.00012
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.04007	\$0.00012
	NNG	GD-NNG DEMARC	0.46 %	\$0.00182	\$0.01859	\$0.00000
	NNG	GD-NNG VENTURA	0.46 %	\$0.00182	\$0.01859	\$0.00000

Supply Inde	ex and Pip	eline Transportation (Charges			
Effective (Mo/Yr)	Pipeline	Supply Commodity Index	Fuel (%)	Commodity (\$/Therm)	Demand (\$/Therm)	ACA (\$/Therm)
Jan-2020	ANR	GD-ANR OK	3.54 %	\$0.00195	\$0.00612	\$0.00013
Juli 2020	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.49 %	\$0.00146	\$0.03441	\$0.00013
	NBPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00159	\$0.03441	\$0.00013
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.49 %	\$0.00146	\$0.03441	\$0.00013
	NGPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00159	\$0.03441	\$0.00013
	NNG	GD-NNG DEMARC	1.02 %	\$0.00378	\$0.02974	\$0.00000
	NNG	GD-NNG VENTURA	1.02 %	\$0.00378	\$0.02974	\$0.00000
Feb-2020	ANR	GD-ANR OK	3.54 %	\$0.00195	\$0.00695	\$0.00013
1 55 2525	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.49 %	\$0.00146	\$0.02787	\$0.00013
	NBPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00159	\$0.02787	\$0.00013
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.49 %	\$0.00146	\$0.02787	\$0.00013
	NGPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00159	\$0.02787	\$0.00013
	NNG	GD-NNG DEMARC	1.02 %	\$0.00378	\$0.03408	\$0.00000
	NNG	GD-NNG VENTURA	1.02 %	\$0.00378	\$0.03408	\$0.00000
Mar-2020	ANR	GD-ANR OK	3.54 %	\$0.00195	\$0.00671	\$0.00013
Mai 2020	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00001	\$0.00013
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.49 %	\$0.00146	\$0.06529	\$0.00013
	NBPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00140	\$0.06529	\$0.00013
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.49 %	\$0.00146	\$0.06529	\$0.00013
	NGPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00159	\$0.06529	\$0.00013
	NNG	GD-NNG DEMARC	1.02 %	\$0.00378	\$0.03120	\$0.00000
	NNG	GD-NNG VENTURA	1.02 %	\$0.00378	\$0.03120	\$0.00000
Apr-2020	ANR	GD-ANR OK	2.12 %	\$0.00195	\$0.00968	\$0.00013
Api 2020	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00019
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.49 %	\$0.00034	\$0.01025	\$0.00013
	NBPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00037	\$0.01025	\$0.00013
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.49 %	\$0.00034	\$0.01025	\$0.00013
	NGPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00037	\$0.01025	\$0.00013
	NNG	GD-NNG DEMARC	0.70 %	\$0.00378	\$0.01808	\$0.00000
	NNG	GD-NNG VENTURA	0.70 %	\$0.00378	\$0.01808	\$0.00000
May-2020	ANR	GD-ANR OK	2.12 %	\$0.00195	\$0.00962	\$0.00013
114, 2020	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.49 %	\$0.00034	\$0.00769	\$0.00013
	NBPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00037	\$0.00769	\$0.00013
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.0000	\$0.00000	\$0.00010
	NGPL	GD-NGPL MC	2.49 %	\$0.00034	\$0.00769	\$0.00013
	NGPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00037	\$0.00769	\$0.00013
	NNG	GD-NNG DEMARC	0.70 %	\$0.00378	\$0.01296	\$0.00000
	NNG	GD-NNG VENTURA	0.70 %	\$0.00378	\$0.01296	\$0.00000
	INITIO	CD TITO VENTORA	0.70 70	Ψ0.00370	Ψ0.01290	Ψ0.00000

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Supply Inde	x and Pip	eline Transportation C	harges			
Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Jun-2020	ANR	GD-ANR OK	2.12 %	\$0.00195	\$0.00646	\$0.00013
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000 \$0.00034	\$0.00000	\$0.00000 \$0.00013
		GD-NGPL MC	2.49 %		\$0.00643	
	NBPL NGPL	GD-NGPL TEXOK ZONE	2.09 % 0.00 %	\$0.00037 \$0.00000	\$0.00643 \$0.00000	\$0.00013
		GD-CHICAGO LDC		•	•	\$0.00000
	NGPL	GD-NGPL MC	2.49 %	\$0.00034	\$0.00643	\$0.00013
	NGPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00037	\$0.00643	\$0.00013
	NNG	GD-NNG DEMARC	0.70 %	\$0.00185	\$0.01785	\$0.00000
_	NNG	GD-NNG VENTURA	0.70 %	\$0.00185	\$0.01785	\$0.00000
Jul-2020	ANR	GD-ANR OK	2.12 %	\$0.00195	\$0.00642	\$0.00013
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.49 %	\$0.00034	\$0.01103	\$0.00013
	NBPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00037	\$0.01103	\$0.00013
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.49 %	\$0.00034	\$0.01103	\$0.00013
	NGPL	GD-NGPL TEXOK ZONE	2.09 %	\$0.00037	\$0.01103	\$0.00013
	NNG	GD-NNG DEMARC	0.70 %	\$0.00185	\$0.01938	\$0.00000
	NNG	GD-NNG VENTURA	0.70 %	\$0.00185	\$0.01938	\$0.00000
Aug-2020	ANR	GD-ANR OK	2.12 %	\$0.00195	\$0.00642	\$0.00013
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.01234	\$0.00013
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.01234	\$0.00013
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.01234	\$0.00013
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.01234	\$0.00013
	NNG	GD-NNG DEMARC	0.70 %	\$0.00185	\$0.02055	\$0.00000
	NNG	GD-NNG VENTURA	0.70 %	\$0.00185	\$0.02055	\$0.00000
Sep-2020	ANR	GD-ANR OK	2.12 %	\$0.00195	\$0.00644	\$0.00013
, - -	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00100	\$0.00013
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00100	\$0.00013
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00100	\$0.00013
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00100	\$0.00013
	NNG	GD-NNG DEMARC	0.70 %	\$0.00185	\$0.02034	\$0.00000
	NNG	GD-NNG VENTURA	0.70 %	\$0.00185	\$0.02034	\$0.00000
Oct-2020	ANR	GD-ANR OK	2.12 %	\$0.00195	\$0.00678	\$0.00011
- OCL-2020	ANR	GD-CHICAGO LDC	0.00 %	\$0.00193	\$0.00000	\$0.00011
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.00084	\$0.00000
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00037	\$0.00184	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00037	\$0.00184	\$0.00011
	NGPL	GD-NGPL MC	2.71 %	\$0.00034	\$0.0000	\$0.00000
	NGPL	GD-NGPL MC GD-NGPL TEXOK ZONE	2.71 %	\$0.00034	\$0.00184	\$0.00011
	NNG	GD-NNG DEMARC	0.70 %	\$0.00037	\$0.00184	\$0.00011
	NNG		0.70 %	·	·	
	טוווט	GD-NNG VENTURA	0.70 %	\$0.00183	\$0.01126	\$0.00000

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Effective		Supply Commodity	Fuel	Commodity	Demand	ACA
(Mo/Yr)	Pipeline	Index	(%)	(\$/Therm)	(\$/Therm)	(\$/Therm)
Nov-2020	ANR	GD-ANR OK	2.12 %	\$0.00195	\$0.00420	\$0.00011
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.00100	\$0.00011
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.00100	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.00100	\$0.00011
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.00100	\$0.00011
	NNG	GD-NNG DEMARC	1.19 %	\$0.00183	\$0.02697	\$0.00000
	NNG	GD-NNG VENTURA	1.19 %	\$0.00183	\$0.02697	\$0.00000
Dec-2020	ANR	GD-ANR OK	2.12 %	\$0.00195	\$0.00427	\$0.00011
	ANR	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NBPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.00100	\$0.00011
	NBPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.00100	\$0.00011
	NGPL	GD-CHICAGO LDC	0.00 %	\$0.00000	\$0.00000	\$0.00000
	NGPL	GD-NGPL MC	2.71 %	\$0.00146	\$0.00100	\$0.00011
	NGPL	GD-NGPL TEXOK ZONE	2.27 %	\$0.00159	\$0.00100	\$0.00011
	NNG	GD-NNG DEMARC	1.19 %	\$0.00183	\$0.02087	\$0.00000
	NNG	GD-NNG VENTURA	1.19 %	\$0.00183	\$0.02087	\$0.00000