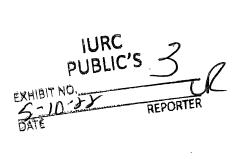
## PUBLIC'S EXHIBIT NO. 3 GCA 62 STATISTICAL CALCULATIONS

## CAUSE NO. 43629 GCA 62

### NORTHERN INDIANA PUBLIC SERVICE COMPANY LLC

#### **GENERAL INFORMATION:**

Application Filed: Update Filed: Hearing Date: Estimation Months: Reconciliation Months: Pipeline Transporters: March 24, 2022 N/A May 10, 2022 June 2022 through August 2022 December 2021 through February 2022 ANR Pipeline Company Panhandle Eastern Pipeline Company Rockies Express Pipeline Texas Eastern Transmission Corporation Texas Gas Transmission Corporation





# PUBLIC'S EXHIBIT NO. 3 CAUSE NO. 43629 GCA 62 PAGE 1 OF 4

# **ESTIMATION INFORMATION:**

	Volumes in	Commodity	Percent of
June 2022	Dth	Cost per Dth	Total
Term Purchases	2,038,791	\$4.257	41.34%
Spot Purchases	2,845,025	\$4.257	57.69%
Storage Withdrawals	48,000	\$4.663	0.97%
Total Purchases and Withdrawals	4,931,816	\$4.261	100.0%
Storage Injections	(3,676,277)	\$5.002	
Net Purchased Gas	1,255,539	\$2.090	
July 2022			
Term Purchases	2,083,836	\$4.263	37.82%
Spot Purchases	3,376,880	\$4.263	61.28%
Storage Withdrawals	49,600	\$4.712	0.90%
Total Purchases and Withdrawals	5,510,316	\$4.267	100.0%
Storage Injections	(3,661,779)	\$4.932	
Net Purchased Gas	1,848,538	\$2.950	
August 2022			
Term Purchases	2,114,568	\$4.274	31.02%
Spot Purchases	4,653,380	\$4.274	68.25%
Storage Withdrawals	49,600	\$4.733	0.73%
Total Purchases and Withdrawals	6,817,548	\$4.277	100.0%
Storage Injections	(4,956,862)	\$4.814	
Net Purchased Gas	1,860,685	\$2.848	
Quarterly Total			
Term Purchases	6,237,195	\$4.265	36.14%
Spot Purchases	10,875,285	\$4.266	63.01%
Storage Withdrawals	147,200	\$4.703	0.85%
Total Purchases and Withdrawals	17,259,680	\$4.269	100.0%
Storage Injections	(12,294,917)	\$4.905	
Net Purchased Gas	4,964,762	\$2.694	

Estimated Quarterly Sales (Dth):

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4,457,253

## PUBLIC'S EXHIBIT NO. 3 CAUSE NO. 43629 GCA 62 PAGE 2 OF 4

# BILL COMPARISONS PROPOSED VS. CURRENTLY APPROVED GCA FACTORS

June 2022				
Applicant's Requested GCA		\$8.537		
Current Commission Approv		\$6.126		
Increase (Decrease)	× ×	,		\$2.411
. ,	Bill at	Bill at		
Consumption	Proposed	Current	Increase	Percent
Dth	Factor	Factor	(Decrease)	Change
5	\$68.48	\$56.42	\$12.06	21.38%
10	\$122.94	\$98.83	\$24.11	24.40%
15	\$177.40	\$141.23	\$36.17	25.61%
20	\$231.88	\$183.66	\$48.22	26.26%
25	\$286.36	\$226.08	\$60.28	26.66%
July 2022				
Applicant's Requested GCA	Factor (\$/Dth) - July 202	2		\$5.734
Current Commission Approv	· · ·			\$6.126
Increase (Decrease)	``	,		(\$0.392)
	Bill at	Bill at		
Consumption	Proposed	Current	Increase	Percent
Dth	Factor	Factor	(Decrease)	Change
5	\$54.46	\$56.42	(\$1.96)	-3.47%
10	\$94.91	\$98.83	(\$3.92)	-3.97%
15	\$135.35	\$141.23	(\$5.88)	-4.16%
20	\$175.82	\$183.66	(\$7.84)	-4.27%
25	\$216.28	\$226.08	(\$9.80)	-4.33%
August 2022				
Applicant's Requested GCA	Factor (\$/Dth) - August 2	2022		\$5.655
Current Commission Approv		\$6.126		
Increase (Decrease)	`			(\$0.471)
	Bill at	Bill at		
Consumption	Proposed	Current	Increase	Percent
Dth	Factor	Factor	(Decrease)	Change
5	\$54.07	\$56.42	(\$2.35)	-4.17%
10	\$94.12	\$98.83	(\$4.71)	-4.77%
15	\$134.17	\$141.23	(\$7.06)	-5.00%
20	\$174.24	\$183.66	(\$9.42)	-5.13%
25	\$214.31	\$226.08	(\$11.77)	-5.21%

### PUBLIC'S EXHIBIT NO. 3 CAUSE NO. 43629 GCA 62 PAGE 3 OF 4

## BILL COMPARISONS PROPOSED VS. PRIOR YEAR APPROVED GCA FACTORS

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June 2022						
Applicant's Requested GCA Factor (	\$/Dth) - June 20	22		\$8.537		
Prior Year Commission Approved G		\$8.546				
Increase (Decrease)	. –	(\$0.009)				
	Bill at	Bill at	=			
Consumption	Proposed	Percent				
Dth	Factor	Factor	(Decrease)	Change		
5	\$68.48	\$69.52	(\$1.04)	-1.50%		
10	\$122.94	\$125.05	(\$2.11)	-1.69%		
15	\$177.40	\$180.57	(\$3.17)	-1.76%		
20	\$231.88	\$236.10	(\$4.22)	-1.79%		
25	\$286.36	\$291.63	(\$5.27)	-1.81%		
July 2022						
Applicant's Requested GCA Factor (	\$/Dth) - July 202	22		\$5.734		
Prior Year Commission Approved G	CA Factor (GCA	A 58 - July 2021)		\$8.668		
Increase (Decrease)			-	(\$2.934)		
	Bill at	Bill at	=			
Consumption	Proposed	Prior Year	Increase	Percent		
Dth	Factor	Factor	(Decrease)	Change		
5	\$54.46	\$70.72	(\$16.26)	-22.99%		
10	\$94.91	\$127.45	(\$32.54)	-25.53%		
15	\$135.35	\$184.16	(\$48.81)	-26.50%		
20	\$175.82	\$240.89	(\$65.07)	-27.01%		
25	\$216.28	\$297.62	(\$81.34)	-27.33%		
August 2022						
Applicant's Requested GCA Factor (	\$/Dth) - August	2022		\$5.655		
Prior Year Commission Approved G	\$9.065					
Increase (Decrease)			-	(\$3.410)		
	Bill at	Bill at				
Consumption	Proposed	Prior Year	Increase	Percent		
Dth	Factor	Factor	(Decrease)	Change		
5	\$54.07	\$72.71	(\$18.64)	-25.64%		
10	\$94.12	\$131.42	(\$37.30)	-28.38%		
15	\$134.17	\$190.12	(\$55.95)	-29.43%		
20	\$174.24	\$248.83	(\$74.59)	-29.98%		
25	\$214.31	\$307.55	(\$93.24)	-30.32%		

#### PUBLIC'S EXHIBIT NO. 3 CAUSE NO. 43629 GCA 62 PAGE 4 OF 4

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#### ANALYSIS OF PETITIONER'S SCHEDULE 6 VARIANCE CALCULATION

GCA	50	50	51	51	51	52	52	52	53	53	53	54
Month	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Actual Gas Cost	66,195,096	52,638,762	50,612,833	21,513,997	13,583,127	8,798,013	8,073,621	7,851,352	8,182,825	16,213,069	34,917,250	36,434,244
Variance	8,505,439	(12,470,947)	(2,694,086)	(9,826,691)	(4,290,869)	(2,139,115)	(652,598)	319,911	218,268	6,389,667	7,578,620	(3,165,247)
Monthly % Variance	12.85%	-23.69%	-5.32%	-45.68%	-31.59%	-24.31%	-8.08%	4.07%	2,67%	39,41%	21.70%	-8,69%
12 Mo. Avg.	-1.13%	-1.81%	-2.64%	-2.71%	-1.05%	-1.59%	-1.66%	-1.42%	-1.41%	-1.55%	-3.35%	-3.76%
GCA	54	54	55	55	55	56	56	56	57	57	57	58
Month	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Actual Gas Cost	43,474,209	44,851,362	31,458,741	19,057,756	14,680,456	7,943,148	7,769,210	9,079,954	9,277,260	19,649,124	20,707,948	42,037,149
Variance	2,131,894	3,809,304	(5,763,416)	(3,448,750)	(2,276,063)	(2,332,648)	(413,552)	1,151,377	1,190,128	7,806,370	665,894	6,377,654
Monthly % Variance	4.90%	8.49%	-18.32%	-18.10%	-15.50%	-29.37%	-5.32%	12.68%	12.83%	39.73%	3.22%	15.17%
12 Mo. Avg.	-6.15%	-0.79%	-1.96%	0.36%	1.10%	1.03%	1.12%	1.42%	1.76%	2.25%	-0.24%	3.30%
GCA	58	58	59	59	59	60	60	60	61	61	61	62
Month	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
Actual Gas Cost	48,246,835	140,044,248	30,237,884	18,888,246	15,591,952	9,672,789	8,878,933	9,774,991	12,495,434	22,182,293	42,107,783	48,738,965
Variance	899,898	89,796,286	(15,423,912)	(6,256,613)	(2,579,267)	(398,925)	(550,927)	556,213	3,046,984	12,985,009	13,512,155	(8,086,216)
Monthly % Variance	1.87%	64.12%	-51.01%	-33.12%	-16.54%	-4.12%	-6.20%	5.69%	24.38%	58.54%	32.09%	-16.59%
12 Mo. Avg.	2.79%	25.31%	22.78%	22.03%	21.89%	22.31%	22.21%	22.01%	22.31%	23.53%	25.48%	21.51%

GCA	62	62
Month	Jan-22	Feb-22
Actual Gas Cost	88,470,010	70,255,951
Variance	14,168,629	(8,422,173)
Monthly % Variance	16.02%	<b>-</b> 11.99%
12 Mo. Avg.	22.54%	0.68%