

ORIGINAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Purchased Gas Adjustment )  
(PGA) True-up )

DOCKET NO. 990003-GU

DIRECT TESTIMONY OF BRIAN J. POWERS

On Behalf of Indiantown Gas Co.

Submitted: April 28, 1999

DOCUMENT NUMBER-DATE

05482 APR 30 1999

FPSC-RECORDS/REPORTING

1 Q. Please state your name, business address, by whom you are employed and in  
2 what capacity.

3 A. My name is Brian J. Powers and my business address is 16600 S.W. Warfield  
4 Blvd., Indiantown, Florida 34956. I am employed by Indiantown Gas Company  
5 in the capacity of General Manager.

6 Q. What are your responsibilities in that position?

7 A. I am responsible for the general operation of the company including;  
8 rates, regulatory matters, budget preparation, pension plan, gas  
9 management, E.D.P., safety compliance, construction, and service  
10 department.

11 Q. What is the purpose of your testimony?

12 A. To briefly discuss the final true-up for the period April 98 - December 98.

13 Q. What were the total therm sales for the period April 98 - December 98?

14 A. Total therm sales were 3,611,626 therms.

15 Q. What were the total therm purchases for the period April 98 - December 98?

16 A. Total therm purchases were 3,507,670 therms.

17 Q. What was the cost of gas to be recovered through the PGA for the period  
18 April 98 - December 98?

19 A. The total actual fuel cost for the period April 98 - December 98 was  
20 \$972,761.

21 Q. What was the total amount collected for the period April 98 - December 98?

22 A. The total actual fuel revenue was \$938,068.

23 Q. What is the total true-up provision for the period April 98 - December 98?

24 A. The total true-up provision, including interest, is an underrecovery of  
25 \$39,623.

1 Q. What is the amount of estimated true-up for the period April 98 - December  
2 98 included in the January 99 projection calculation?

3 A. The total estimated true-up was a \$10,607 underrecovery.

4 Q. What is the final over/underrecovery for the period April 98 - December  
5 98?

6 A The final underrecovery for the period is \$29,016

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ORIGINAL

COMPANY: INDIANTOWN GAS COMPANY		COMPARISON OF ACTUAL VERSUS ORIGINAL ESTIMATE OF THE PURCHASED GAS ADJUSTMENT COST RECOVERY FACTOR				SCHEDULE A-1 (REVISED 8/19/93)			
ESTIMATED FOR THE PERIOD OF: APRIL 98 Through DECEMBER 98									
		CURRENT MONTH: DECEMBER 1998				PERIOD TO DATE			
COST OF GAS PURCHASED		ACTUAL	REVISED ESTIMATE	DIFFERENCE		ACTUAL	REVISED ESTIMATE	DIFFERENCE	
				AMOUNT	%			AMOUNT	%
1	COMMODITY (Pipeline)	0	0	0	0.00	0	0	0	0.00
2	NO NOTICE SERVICE	0	0	0	0.00	0	0	0	0.00
3	SWING SERVICE	0	0	0	0.00	0	0	0	0.00
4	COMMODITY (Other)	56,833	175,000	(118,167)	-67.52	972,761	1,122,509	(149,748)	-13.34
5	DEMAND	0	0	0	0.00	0	0	0	0.00
6	OTHER	0	0	0	0.00	0	0	0	0.00
<b>LESS END-USE CONTRACT</b>									
7	COMMODITY (Pipeline)	0	0	0	0.00	0	0	0	0.00
8	DEMAND	0	0	0	0.00	0	0	0	0.00
9		0	0	0	0.00	0	0	0	0.00
10	SECOND PRIOR MONTH PURCHASE ADJ. (OPTIONAL)	0	0	0	0.00	0	0	0	0.00
11	TOTAL COST (1+2+3+4+5+6+10)-(7+8+9)	56,833	175,000	(118,167)	-67.52	972,761	1,122,509	(149,748)	-13.34
12	NET UNBILLED	0	0	0	0.00	0	0	0	0.00
13	COMPANY USE	0	0	0	0.00	0	0	0	0.00
14	TOTAL THERM SALES	89,832	195,500	(105,668)	-54.05	975,049	1,153,565	(178,516)	-15.48
<b>THERMS PURCHASED</b>									
15	COMMODITY (Pipeline)	0	0	0	0.00	0	0	0	0.00
16	NO NOTICE SERVICE	0	0	0	0.00	0	0	0	0.00
17	SWING SERVICE	0	0	0	0.00	0	0	0	0.00
18	COMMODITY (Other)	234,120	394,029	(159,909)	-40.58	3,507,670	3,430,842	76,828	2.24
19	DEMAND	0	0	0	0.00	0	0	0	0.00
20	OTHER	0	0	0	0.00	0	0	0	0.00
<b>LESS END-USE CONTRACT</b>									
21	COMMODITY (Pipeline)	0	0	0	0.00	0	0	0	0.00
22	DEMAND	0	0	0	0.00	0	0	0	0.00
23		0	0	0	0.00	0	0	0	0.00
24	TOTAL PURCHASES (17+18+20)-(21+23)	234,120	394,029	(159,909)	-40.58	3,507,670	3,430,842	76,828	2.24
25	NET UNBILLED	0	0	0	0.00	0	0	0	0.00
26	COMPANY USE	0	0	0	0.00	0	0	0	0.00
27	TOTAL THERM SALES (24-26 Estimated Only)	273,244	435,288	(162,044)	-37.23	3,611,626	3,542,404	69,222	1.95
<b>CENTS PER THERM</b>									
28	COMMODITY (Pipeline) (1/15)	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
29	NO NOTICE SERVICE (2/16)	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
30	SWING SERVICE (3/17)	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
31	COMMODITY (Other) (4/18)	24.275	44.413	(20.138)	-45.34	27.732	32.718	(4.986)	-15.24
32	DEMAND (5/19)	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
33	OTHER (6/20)	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
<b>LESS END-USE CONTRACT</b>									
34	COMMODITY Pipeline (7/21)	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
35	DEMAND (8/22)	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
36		0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
37	TOTAL COST (11/24)	24.275	44.413	(20.138)	-45.34	27.732	32.718	(4.986)	-15.24
38	NET UNBILLED (12/25)	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
39	COMPANY USE (13/26)	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
40	TOTAL COST OF THERMS SOLD (11/27)	20.799	40.203	(19.404)	-48.27	26.934	31.688	(4.754)	-15.00
41	TRUE-UP (E-2)	0.984	0.984	0.000	0.00	0.984	0.984	0.000	0.00
42	TOTAL COST OF GAS (40+41)	21.783	41.187	(19.404)	-47.11	27.918	32.672	(4.754)	-14.55
43	REVENUE TAX FACTOR	1.01911	1.01911	0.00000	0.00	1.01911	1.01911	0.00000	0.00
44	PGA FACTOR ADJUSTED FOR TAXES (42x43)	22.1993	41.9741	(19.7748)	-47.11	28.4515	33.2964	(4.8449)	-14.55
45	PGA FACTOR ROUNDED TO NEAREST .001	22.199	41.974	(19.775)	-47.11	28.452	33.296	(4.844)	-14.55

COMPANY: INDIANTOWN GAS COMPANY

**PURCHASED GAS ADJUSTMENT  
COST RECOVERY CLAUSE CALCULATION  
SCHEDULE A-1 SUPPORTING DETAIL**

FOR THE PERIOD OF: APRIL 1998 THROUGH DECEMBER 1998  
CURRENT MONTH: DECEMBER 1998

COMMODITY (Pipeline)	THERMS	INVOICE AMOUNT	COST PER THERM (\$ PER THERM)
1 Commodity Pipeline - Scheduled FTS	0	0.00	0.000
2 Commodity Pipeline - Scheduled ITS	0	0.00	0.000
3 No Notice Commodity Adjustment	0	0.00	0.000
4 PGA Refund	0	0.00	0.000
5 Commodity Adjustments	0	0.00	0.000
6 Commodity Adjustments	0	0.00	0.000
7	0	0.00	0.000
8 TOTAL COMMODITY (Pipeline)	0	0.00	0.000
<b>SWING SERVICE</b>			
9 Swing Service - Scheduled	0	0.00	0.000
10 Alert Day Volumes - FGT	0	0.00	0.000
11 Operational Flow Order Volumes - FGT	0	0.00	0.000
12 Alert Day Volumes Direct Billed to Others	0	0.00	0.000
13 Other	0	0.00	0.000
14 Other	0	0.00	0.000
15	0	0.00	0.000
16 TOTAL SWING SERVICE	0	0.00	0.000
<b>COMMODITY OTHER</b>			
17 Commodity Other - Scheduled FTS	234,120	56,833.38	24.275
18 Commodity Other - Scheduled ITS	0	0.00	0.000
19 Imbalance Cashout - FGT	0	0.00	0.000
20 Imbalance Cashout - Other Shippers	0	0.00	0.000
21 Imbalance Cashout - Transporting Customers	0	0.00	0.000
22 Commodity Adjustments	0	0.00	0.000
23 Refund	0	0.00	0.000
24 TOTAL COMMODITY (Other)	234,120	56,833.38	24.275
<b>DEMAND</b>			
25 Demand (Pipeline) Entitlement	0	0.00	0.000
26 Less Relinquished to End-Users	0	0.00	0.000
27 Less Relinquished Off System	0	0.00	0.000
28 Less Demand Billed to Others	0	0.00	0.000
29 Other	0	0.00	0.000
30 Other	0	0.00	0.000
31 Other	0	0.00	0.000
32 TOTAL DEMAND	0	0.00	0.000
<b>OTHER</b>			
33 Revenue Sharing - FGT	0	0.00	0.000
34 Peak Shaving	0	0.00	0.000
35 Other	0	0.00	0.000
36 Other	0	0.00	0.000
37 Other	0	0.00	0.000
38 Other	0	0.00	0.000
39 Other	0	0.00	0.000
40 TOTAL OTHER	0	0.00	0.000

COMPANY: INDIANTOWN GAS COMPANY

CALCULATION OF TRUE-UP AND INTEREST PROVISION

SCHEDULE A-2  
(REVISED 8/19/93)

FOR THE PERIOD OF: APRIL 98 Through DECEMBER 98

	CURRENT MONTH:		DECEMBER 1998		PERIOD TO DATE			
	ACTUAL	REVISED ESTIMATE	DIFFERENCE		ACTUAL	REVISED ESTIMATE	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<b>TRUE-UP CALCULATION</b>								
1 PURCHASED GAS COST	0	0	0	0.00	0	0	0	0.00
2 TRANSPORATION COST	56,833	175,000	(118,167)	(67.52)	972,761	1,122,509	(149,748)	(13.34)
3 TOTAL	56,833	175,000	(118,167)	(67.52)	972,761	1,122,509	(149,748)	(13.34)
4 FUEL REVENUES (NET OF REVENUE TAX)	89,832	195,500	(105,668)	(54.05)	975,049	1,153,565	(178,516)	(15.48)
5 TRUE-UP (COLLECTED) OR REFUNDED	(4,109)	(4,109)	0	0.00	(36,981)	(36,981)	0	0.00
6 FUEL REVENUE APPLICABLE TO PERIOD (LINE 4 (+ OR -) LINE 5)	85,723	191,391	(105,668)	(55.21)	938,068	1,116,584	(178,516)	(15.99)
7 TRUE-UP PROVISION - THIS PERIOD (LINE 6 - LINE 3)	28,890	16,391	12,499	76.26	(34,693)	(5,925)	(28,768)	485.54
8 INTEREST PROVISION - THIS PERIOD (LINE 21)	(587)	(462)	(125)	27.06	(4,930)	(4,682)	(248)	5.30
9 BEGINNING OF PERIOD TRUE-UP AND INTEREST	(152,050)	(110,660)	(41,390)	37.40	(116,996)	(116,996)	0	0.00
10 TRUE-UP COLLECTED OR (REFUNDED) (REVERSE OF LINE 5)	4,109	4,109	0	0.00	36,981	36,981	0	0.00
10a FLEX RATE REFUND (if applicable)	0	0	0	0.00	0	0	0	0.00
11 TOTAL ESTIMATED/ACTUAL TRUE-UP (7+8+9+10+10a)	(119,638)	(90,622)	(29,016)	32.02	(119,638)	(90,622)	(29,016)	32.02
<b>INTEREST PROVISION</b>								
12 BEGINNING TRUE-UP AND INTEREST PROVISION (9)	(152,050)	(110,660)	(41,390)	37.40				
13 ENDING TRUE-UP BEFORE INTEREST (12+7-5)	(119,051)	(90,160)	(28,891)	32.04				
14 TOTAL (12+13)	(271,101)	(200,820)	(70,281)	35.00				
15 AVERAGE (50% OF 14)	(135,551)	(100,410)	(35,141)	35.00				
16 INTEREST RATE - FIRST DAY OF MONTH	5.50000%	5.52000%	-0.02000%	(0.36)				
17 INTEREST RATE - FIRST DAY OF SUBSEQENT MONTH	4.90000%	5.52000%	-0.62000%	(11.23)				
18 TOTAL (16+17)	10.40000%	11.04000%	-0.64000%	(5.80)				
19 AVERAGE (50% OF 18)	5.20000%	5.52000%	-0.32000%	(5.80)				
20 MONTHLY AVERAGE (19/12 Months)	0.43333%	0.46000%	-0.02667%	(5.80)				
21 INTEREST PROVISION (15x20)	(587)	(462)	(125)	27.06				

\* REVISED ESTIMATE IS FIVE MONTHS ACTUAL & FOUR MONTHS REVISED ESTIMATE

COMPANY: INDIANTOWN GAS COMPANY

TRANSPORATION PURCHASES  
SYSTEM SUPPLY AND END USE

SCHEDULE A-3  
(REVISED 8/19/93)

ACTUAL FOR THE PERIOD OF: APRIL 98 Through DECEMBER 98

PRESENT MONTH: DECEMBER 1998

DATE	PURCHASED FROM	PURCHASED FOR	SCH TYPE	SYSTEM SUPPLY	END USE	TOTAL PURCHASED	COMMODITY COST		DEMAND COST	OTHER CHARGES ACA/GRI/FUEL	TOTAL CENTS PER THERM
							THIRD PARTY	PIPELINE			
DEC-98	PESCO	SYS SUPPLY	FTS	234,120	0	234,120	56,833	0	0	0	24.28
NOV-98	PESCO	SYS SUPPLY	FTS	428,620	0	428,620	138,063	0	0	0	32.21
OCT-98	PESCO	SYS SUPPLY	FTS	242,310	0	242,310	47,683	0	0	0	19.68
SEP-98	PESCO	SYS SUPPLY	FTS	175,500	0	175,500	52,673	0	0	0	30.01
AUG-98	PESCO	SYS SUPPLY	FTS	208,500	0	208,500	65,389	0	0	0	31.36
JUL-98	PESCO	SYS SUPPLY	FTS	519,340	0	519,340	156,251	0	0	0	30.09
JUN-98	PESCO	SYS SUPPLY	FTS	466,740	0	466,740	105,276	0	0	0	22.56
MAY-98	PESCO	SYS SUPPLY	FTS	626,750	0	626,750	168,419	0	0	0	26.87
APR-98	PESCO	SYS SUPPLY	FTS	605,790	0	605,790	182,174	0	0	0	30.07
						0					0.00
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						0					0.00
						0					0.00
						0					0.00
						0					0.00
						0					0.00
<b>TOTAL</b>				3,507,670	0	3,507,670	972,761	0	0	0	27.73

COMPANY: INDIANTOWN GAS COMPANY

TRANSPORATION SYSTEM SUPPLY

SCHEDULE A-4

FOR THE PERIOD OF: APRIL 98

Through

DECEMBER 98

(REVISED 8/19/93)

MONTH: DECEMBER 1998

(A) PRODUCER/SUPPLIER	(B) RECEIPT POINT	(C) GROSS AMOUNT MMBtu/d	(D) NET AMOUNT MMBtu/d	(E) MONTHLY GROSS MMBtu	(F) MONTHLY NET MMBtu	(G) WELLHEAD PRICE \$/MMBtu	(H) CITYGATE PRICE (GxE)/F
PESCO	VARIOUS	777	755	24,096	23,412	2.359	2.428
<b>TOTAL</b>		777	755	24,096	23,412		
<b>WEIGHTED AVERAGE</b>						2.359	2.428

NOTE: CITY GATE PRICE SHOULD NOT INCLUDE FGT TRANSPORATION CHARGES



COMPANY: INDIANTOWN GAS COMPANY

## THERM SALES AND CUSTOMER DATA

SCHEDULE A-5  
(REVISED 8/19/93)

FOR THE PERIOD OF: APRIL 98 Through DECEMBER 98

	CURRENT MONTH:		DECEMBER 1998		PERIOD TO DATE			
	ACTUAL	ESTIMATE	DIFFERENCE		TOTAL THERM SALES		DIFFERENCE	
			AMOUNT	%	ACTUAL	ESTIMATE	AMOUNT	%
<b>THERM SALES (FIRM)</b>								
RESIDENTIAL	14,167	16,000	(1,833)	-11.46	110,103	108,500	1,603	1.48
COMMERCIAL	7,321	5,500	1,821	33.11	59,844	54,200	5,644	10.41
FIRM INDUSTRIAL	0	265,000	(265,000)	-100.00	0	970,000	(970,000)	-100.00
COMMERCIAL LARGE	0	0	0	0.00	0	0	0	0.00
TOTAL FIRM	21,488	286,500	(265,012)	-92.50	169,947	1,132,700	(962,753)	-85.00
<b>THERM SALES (INTERRUPTIBLE)</b>								
SMALL INTERRUPTIBLE	0	0	0	0.00	0	0	0	0.00
INTERRUPTIBLE	0	0	0	0.00	0	0	0	0.00
LARGE INTERRUPTIBLE	251,756	250,000	1,756	0.70	3,441,679	2,250,000	1,191,679	52.98
TOTAL INTERRUPTIBLE	251,756	250,000	1,756	0.70	3,441,679	2,250,000	1,191,679	52.98
TOTAL THERM SALES	273,244	536,500	(263,256)	-49.07	3,611,626	3,382,700	228,926	6.77
<b>NUMBER OF CUSTOMERS (FIRM)</b>					<b>AVERAGE NO. OF CUSTOMERS PERIOD TO DATE</b>			
RESIDENTIAL	634	600	34	5.67	625	600	25	4.17
COMMERCIAL	25	25	0	0.00	24	25	(1)	-4.00
FIRM INDUSTRIAL	0	1	(1)	-100.00	0	1	(1)	-100.00
COMMERCIAL LARGE	0	0	0	0.00	0	0	0	0.00
TOTAL FIRM	659	626	33	5.27	649	626	23	3.67
<b>NUMBER OF CUSTOMERS (INTERRUPTIBLE)</b>					<b>AVERAGE NO. OF CUSTOMERS PERIOD TO DATE</b>			
SMALL INTERRUPTIBLE	0	0	0	0.00	0	0	0	0.00
INTERRUPTIBLE	0	0	0	0.00	0	0	0	0.00
LARGE INTERRUPTIBLE	2	1	1	100.00	2	1	1	100.00
TOTAL INTERRUPTIBLE	2	1	1	100.00	2	1	1	100.00
TOTAL CUSTOMERS	661	627	34	5.42	651	627	24	3.83
<b>THERM USE PER CUSTOMER</b>								
RESIDENTIAL	22.3	26.7	(4.4)	-16.48	176.2	180.8	(4.6)	-2.54
COMMERCIAL	292.8	220.0	72.8	33.09	2,493.5	2,168.0	325.5	15.01
FIRM INDUSTRIAL	0.0	265,000.0	(265,000.0)	-100.00	0.0	970,000.0	(970,000.0)	-100.00
COMMERCIAL LARGE	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00
SMALL INTERRUPTIBLE	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00
INTERRUPTIBLE	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00
LARGE INTERRUPTIBLE	125,878.0	250,000.0	(124,122.0)	-49.65	1,720,839.5	2,250,000.0	(529,160.5)	-23.52

COMPANY: INDIANTOWN GAS COMPANY

CONVERSION FACTOR CALCUALTION  
 ACTUAL FOR THE PERIOD OF: APRIL 98 Through DECEMBER 98

SCHEDULE A-6  
 (REVISED 8/19/93)

	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
<b>1 AVERAGE BTU CONTENT OF GAS PURCHASED</b>												
THERMS PURCHASED = AVG BTU CONTENT CCF PURCHASED	1.04610	1.05040	1.05410	1.05280	1.05450	1.05920	1.05180	1.05270	1.05660	0.00000	0.00000	0.00000
<b>2 PRESSURE CORRECTION FACTOR</b>												
a. DELIVERY PRESSURE OF GAS SOLD psia	15.23568	15.23568	15.23568	15.23568	15.23568	15.23568	15.23568	15.23568	15.23568	15.23568	15.23568	15.23568
b. DELIVERY PRESSURE OF GAS PURCHASED psia	14.73000	14.73000	14.73000	14.73000	14.73000	14.73000	14.73000	14.73000	14.73000	14.73000	14.73000	14.73000
PRESSURE CORRECTION FACTOR (a/b) psia	1.03433	1.03433	1.03433	1.03433	1.03433	1.03433	1.03433	1.03433	1.03433	1.03433	1.03433	1.03433
<b>3 BILLING FACTOR</b>												
BTU CONTENT x PRESSURE CORRECTION FACTOR	1.082	1.086	1.090	1.089	1.091	1.096	1.088	1.089	1.093	0.000	0.000	0.000

COMPANY: INDIANTOWN GAS COMPANY

## FINAL FUEL OVER/UNDER RECOVERY

SCHEDULE A-7  
(REVISED 8/19/93)

FOR THE PERIOD:

APRIL 98

THROUGH

DECEMBER 98

LINE #	DESCRIPTION		APRIL 96 - MARCH 97
1	TOTAL ACTUAL FUEL COST FOR THE PERIOD	A-2 Line 3	972,761
2	TOTAL ACTUAL FUEL REVENUES FOR THE PERIOD	A-2 Line 6	938,068
3	ACTUAL OVER/UNDER RECOVERY FOR THE PERIOD (2 - 1)		(34,693)
4	INTEREST PROVISION	A-2 Line 8	(4,930)
5	ACTUAL OVER/UNDER RECOVERY FOR THE PERIOD (3 + 4)		(39,623)
6	LESS: ESTIMATED/ACTUAL OVER/UNDER RECOVERY FOR THE PERIOD APRIL 98 THROUGH DECEMBER 98 (FROM SCHEDULE E-2) WHICH WAS INCLUDED IN THE CURRENT JANUARY 99 THROUGH DECEMBER 99 PERIOD	E-4 Line 4 Col. 4 less line 3a	(10,607)
7	FINAL FUEL OVER/UNDER RECOVERY TO BE INCLUDED IN THE PROJECTED JANUARY 2000 THROUGH DECEMBER 2000 PERIOD (5 - 6)		(29,016)

# Peninsula Energy Services Company

DIVISION OF CHESAPEAKE UTILITIES CORPORATION

P.O. Box 615

Dover, Delaware 19903-0615

## NATURAL GAS INVOICE

<b>Customer</b>	<b>Statement Date</b>	04-May-98
Indiantown Gas Company, Inc. P.O. Box 8 Indiantown, Florida 34956	<b>Payable Upon Receipt</b> <b>Past Due After</b>	19-May-98
<b>Attention:</b> Mr. Brian Powers	<b>Interest Charges will accrue for all payments past due date as per your contract.</b>	

Production month of: April 1998

SERVICE	VOLUME*		DESCRIPTION	UNIT PRICE	TOTAL PRICE
BS		**			
Zone 1	19,020	Gross	Contract 5088	\$2.2700	\$43,175.40
Zone 2	0	Gross	Contract 5088	\$2.3100	\$0.00
Zone 3	11,100	Gross	Contract 5088	\$2.2900	\$25,419.00
Swing	19,173	Gross	Contract 5088	\$2.4535	\$47,041.15
K# 5188	14,544	Net	Excess Gas	\$2.40281	\$34,946.47
K# 5188		Gross	NYMEX Gas		\$0.00
Delivered Volumes	Not Applicable	Net			\$0.00
MS	60,579	Net	Measured Volumes	\$0.0500	\$3,028.95
NNT	6,000	Net	No Notice Volumes	\$0.0590	\$354.00
D-FTS-1	51,000	Net	Contract 5088	\$0.3772	\$19,237.20
C-FTS-1	47,583	Net	Contract 5088	\$0.0561	\$2,669.41
D-FTS-1	14,544	Net	Contract 5188	\$0.3772	\$5,486.00
C-FTS-1	14,544	Net	Contract 5188	\$0.0561	\$815.92

**RECEIVED**  
 MAY 14 1998  
 BY: 19725

**TOTAL AMOUNT DUE \$182,173.50**

\* MMBtu's  
 \*\* Includes 3.46% Fuel

BS - Base Load Service      C - Commodity / FGT Usage      PGA - PGA Management  
 D - Demand / FGT Reservation      MS - Management Service      NNT - No Notice Reservation  
 SS - Swing Supply

<b>Please Remit To</b> Peninsula Energy Services Company Division of Chesapeake Utilities Corporation P.O. Box 615 Dover, Delaware 19903-0615 Attn: CASH MANAGEMENT	<b>For Wire Payments</b> WIRE TRANSFER Credit PENINSULA ENERGY SERVICES COMPANY PNC Bank, Delaware Account [REDACTED] Routing Number [REDACTED]
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REDACTED

For Billing Inquiries call Customer Accounting at (941) 293-8612  
 Facsimile Number (941) 294-3895

# Peninsula Energy Services Company

DIVISION OF CHESAPEAKE UTILITIES CORPORATION

P.O. Box 615

Dover, Delaware 19903-0615

## NATURAL GAS INVOICE

<b>Customer</b>	<b>Statement Date</b>	03-Jun-98
Indiantown Gas Company, Inc.	<b>Payable Upon Receipt</b>	
P.O. Box 3	<b>Past Due After</b>	18-Jun-98
Indiantown, Florida 34956	<b>Interest Charges will accrue for all payments past due date as per your contract.</b>	
<b>Attention:</b> Mr. Brian Powers		

**Production month of:** May 1998

SERVICE	VOLUME*		DESCRIPTION	UNIT PRICE	TOTAL PRICE
BS		**			
Zone 1	7,471	Gross	Contract 5066	\$2.2200	\$16,585.62
Zone 2	8,928	Gross	Contract 5066	\$2.2700	\$20,266.56
Zone 3	4,371	Gross	Contract 5066	\$2.2400	\$9,791.04
Swing	0	Gross	Contract 5066	\$0.0000	\$0.00
K# 5188	18,602	Net	Excess Gas	\$2.31285	\$43,023.64
K# 5188		Gross	NYMEX Gas		\$0.00
Delivered Volumes	23,245	Net		\$2.4297	\$56,478.84
MS	62,675	Net	Measured Volumes	\$0.0500	\$3,133.75
NNT	3,100	Net	No Notice Volumes	\$0.0590	\$182.90
D-FTS-1	20,150	Net	Contract 5066	\$0.3772	\$7,600.58
C-FTS-1	20,150	Net	Contract 5066	\$0.0561	\$1,130.42
D-FTS-1	18,602	Net	Contract 5188	\$0.3772	\$6,996.67
C-FTS-1	18,602	Net	Contract 5188	\$0.0561	\$1,048.57
Adjustments -Bookout/Cashout/Receipts/Etc.					\$2,165.65
<b>TOTAL AMOUNT DUE</b>					<b>\$168,419.24</b>

**RECEIVED**  
 JUN 04 1998  
 BY: 19781

- \* MMBtu's
- \*\* Includes 2.96% Fuel
- BS - Baseload Service
- D - Demand / FGT Reservation
- SS - Swing Supply
- C - Commodity / FGT Usage
- MS - Management Service
- PGA - PGA Management
- NNT - No Notice Reservation

**Please Remit To**  
 Peninsula Energy Services Company  
 Division of Chesapeake Utilities Corporation  
 P.O. Box 615  
 Dover, Delaware 19903-0615  
 Attn: CASH MANAGEMENT

**For Wire Payments**  
 WIRE TRANSFER  
 Credit PENINSULA ENERGY SERVICES COMPANY  
 PNC Bank, Delaware  
 Account [REDACTED]  
 Routing Number [REDACTED]

REDACTED

For Billing Inquiries call Customer Accounting at (941) 293-8612  
 Facsimile Number (941) 294-3895

# Peninsula Energy Services Company

DIVISION OF CHESAPEAKE UTILITIES CORPORATION

P.O. Box 615

Dover, Delaware 19903-0615

## NATURAL GAS INVOICE

<b>Customer</b>	<b>Statement Date</b>	08-Jul-98
Indiantown Gas Company, Inc.	<b>Payable Upon Receipt</b>	
P.O. Box 8	<b>Past Due After</b>	23-Jul-98
Indiantown, Florida 34956	<b>Interest Charges will accrue for all payments past due date as per your contract.</b>	
<b>Attention:</b> Mr. Brian Powers		

**Production month of:** June 1998

SERVICE	VOLUME*		DESCRIPTION	UNIT PRICE	TOTAL PRICE
BS		**			
Zone 1	7,260	Gross	Contract 5088	\$2.0000	\$14,520.00
Zone 2	4,200	Gross	Contract 5088	\$2.0500	\$8,610.00
Zone 3	8,610	Gross	Contract 5088	\$2.0000	\$17,220.00
Swing	0	Gross	Contract 5088	\$0.0000	\$0.00
K# 5188	17,152	Net	Excess Gas	\$2.05667	\$35,276.00
K# 5188		Gross	NYMEX Gas		\$0.00
Delivered Volumes	4,500	Net		\$2.6800	\$12,060.00
MS	46,674	Net	Measured Volumes	\$0.0500	\$2,333.70
NNT	3,000	Net	No Notice Volumes	\$0.0590	\$177.00
D-FTS-1	19,500	Net	Contract 5088	\$0.3772	\$7,355.40
C-FTS-1	19,500	Net	Contract 5088	\$0.0561	\$1,093.95
D-FTS-1	17,152	Net	Contract 5188	\$0.3772	\$6,469.73
C-FTS-1	17,152	Net	Contract 5188	\$0.0561	\$962.23
Adjustments -Bookout/Cashout/Receipts/Etc.					(\$802.06)

**TOTAL AMOUNT DUE** **\$105,275.95**

\* MMBtu's

\*\* Includes 2.96% Fuel

BS - Baseload Service

D - Demand / FGT Reservation

SS - Swing Supply

C - Commodity / FGT Usage

MS - Management Service

PGA - PGA Management

NNT - No Notice Reservation

**Please Remit To**  
**Peninsula Energy Services Company**  
**Division of Chesapeake Utilities Corporation**  
**P.O. Box 615**  
**Dover, Delaware 19903-0615**  
**Attn: CASH MANAGEMENT**

**For Wire Payments**  
**WIRE TRANSFER**  
**Credit PENINSULA ENERGY SERVICES COMPANY**  
**PNC Bank, Delaware**  
**Account [REDACTED]**  
**Routing Number [REDACTED]**

**REDACTED**

**For Billing Inquiries call Customer Accounting at**  
**Facsimile Number**

(941) 293-8612  
 (941) 294-3895

# Peninsula Energy Services Company

DIVISION OF CHESAPEAKE UTILITIES CORPORATION  
 P.O. Box 615  
 Dover, Delaware 19903-0615

## NATURAL GAS INVOICE

<b>Customer</b>	<b>Statement Date</b>	04-Aug-98
Indiantown Gas Company, Inc.	<b>Payable Upon Receipt</b>	
P.O. Box 8	<b>Past Due After</b>	19-Aug-98
Indiantown, Florida 34956	<b>Interest Charges will accrue for all payments past due date as per your contract.</b>	
<b>Attention:</b> Mr. Brian Powers		

**Production month of:** July 1998

SERVICE	VOLUME*		DESCRIPTION	UNIT PRICE	TOTAL PRICE
BS		**			
Zone 1	7,471	Gross	Contract 5066	\$2.3300	\$17,407.43
Zone 2	8,928	Gross	Contract 5066	\$2.3800	\$21,248.64
Zone 3	4,371	Gross	Contract 5066	\$2.3100	\$10,097.01
Swing	0	Gross	Contract 5066	\$0.0000	\$0.00
K# 5188	19,388	Net	Excess Gas	\$2.41721	\$46,864.87
K# 5188		Gross	NYMEX Gas		\$0.00
Delivered Volumes	11,515	Net		\$2.4604	\$28,331.51
MS	51,934	Net	Measured Volumes	\$0.0500	\$2,596.70
NNT	3,100	Net	No Notice Volumes	\$0.0590	\$182.90
D-FTS-1	20,150	Net	Contract 5066	\$0.3772	\$7,600.58
C-FTS-1	20,150	Net	Contract 5066	\$0.0561	\$1,130.42
D-FTS-1	19,388	Net	Contract 5188	\$0.3772	\$7,313.15
C-FTS-1	19,388	Net	Contract 5188	\$0.0561	\$1,087.67
<b>Adjustments -Bookout/Cashout/Receipts/Etc.</b>					<b>\$12,390.11</b>

**RECEIVED**  
 AUG 07 1998  
 BY: 19945

**TOTAL AMOUNT DUE** **\$156,250.99**

\* MMBtu's

\*\* Includes 2.96% Fuel

SS - Swing Supply

D - Demand / FGT Reservation

SS - Swing Supply

C - Commodity / FGT Usage

MS - Management Service

PGA - PGA Management

NNT - No Notice Reservation

**Please Remit To**  
 Peninsula Energy Services Company  
 Division of Chesapeake Utilities Corporation  
 P.O. Box 615  
 Dover, Delaware 19903-0615  
 Attn: CASH MANAGEMENT

**For Wire Payments**  
 WIRE TRANSFER  
 Credit PENINSULA ENERGY SERVICES COMPANY  
 PNC Bank, Delaware  
 Account [REDACTED]  
 Routing [REDACTED]

REDACTED

**For Billing Inquiries call Customer Accounting at** (941) 293-8612  
**Facsimile Number** (941) 294-3895

# Paninsula Energy Services Company

DIVISION OF CHESAPEAKE UTILITIES CORPORATION

P.O. Box 615

Dover, Delaware 19903-0615

## NATURAL GAS INVOICE

<b>Customer</b>	<b>Statement Date</b>	08-Jul-98
Indiantown Gas Company, Inc.	<b>Payable Upon Receipt</b>	
P.O. Box 8	<b>Past Due After</b>	23-Jul-98
Indiantown, Florida 34956		
<b>Attention:</b> Mr. Brian Powers	Interest Charges will accrue for all payments past due date as per your contract.	

Production month of: August 1998

SERVICE	VOLUME*		DESCRIPTION	UNIT PRICE	TOTAL PRICE
RS		**			
Zone 1	6,748	Gross	Contract 5068	\$1.8800	\$12,688.24
Zone 2	8,084	Gross	Contract 5068	\$1.9400	\$15,644.16
Zone 3	3,948	Gross	Contract 5068	\$1.8800	\$7,422.24
Swing	0	Gross	Contract 5068	\$0.0000	\$0.00
K# 5188	8,164	Net	Energy Gas	\$1.89068	\$16,251.88
K# 5188		Gross	NYMEX Gas		\$0.00
Delivered Volume	Not Applicable	Net			\$0.00
MS	20,850	Net	Measured Volume	\$0.0500	\$1,042.50
NNT	3,100	Net	No Notice Volume	\$0.0580	\$182.90
D-FTS-1	20,160	Net	Contract 5068	\$0.3772	\$7,600.58
C-FTS-1	18,200	Net	Contract 5068	\$0.0561	\$1,021.02
D-FTS-1	8,184	Net	Contract 5188	\$0.3772	\$3,079.46
C-FTS-1	8,164	Net	Contract 5188	\$0.0561	\$458.00

**TOTAL AMOUNT DUE** **\$85,389.09**

\* MMBtu's  
 \*\* Includes 7.85% fuel

BS - Base Load Service      C - Commodity / FBT Usage      PSA - PSA Measurement  
 D - Demand / FGT Reservations      NS - Management Service      NNT - No Notice Reservations  
 SE - Energy Supply

**Please Remit To**  
 Peninsula Energy Services Company  
 Division of Chesapeake Utilities Corporation  
 P.O. Box 615  
 Dover, Delaware 19903-0615  
 Attn: CASH MANAGEMENT

**For Wire Payments**  
 WIRE TRANSFER  
 Credit PENINSULA ENERGY SERVICES COMPANY  
 PNC Bank, Delaware  
 Account [REDACTED]  
 Routing Number [REDACTED]

**REDACTED**

For Billing Inquiries call Customer Accounting at (941) 293-8612  
 Facsimile Number (941) 294-3895



# Peninsula Energy Services Company

DIVISION OF CHESAPEAKE UTILITIES CORPORATION

P.O. Box 615

Dover, Delaware 19903-0615

## NATURAL GAS INVOICE

<b>Customer</b>	<b>Statement Date</b>	07-Oct-88
Indiantown Gas Company, Inc.	<b>Payable Upon Receipt</b>	
P.O. Box 8	<b>Past Due After</b>	22-Oct-88
Indiantown, Florida 34958	<b>Interest Charges will accrue for all payments past due date as per your contract.</b>	
<b>Attention:</b> Mr. Brian Powers		

Production month of: Sept 1988

SERVICE	VOLUME*		DESCRIPTION	UNIT PRICE	TOTAL PRICE
BS		**			
Zone 1	6,507	Gross	Contract 5088	\$1.5900	\$10,346.13
Zone 2	7,778	Gross	Contract 5088	\$1.6300	\$12,674.88
Zone 3	3,807	Gross	Contract 5088	\$1.5900	\$8,053.13
Swing	0	Gross	Contract 5088	\$0.0000	\$0.00
K# 5188	10,738	Net	Excess Gas	\$1.66907	\$17,815.09
K# 5188		Gross	BYTRIX Gas		\$0.00
Deferred Volume	Not Applicable	Net			\$0.00
MS	0	Net	Measured Volume	\$0.0500	\$0.00
MNT	3,000	Net	No Notice Volume	\$0.0580	\$177.00
D-FTS-1	19,500	Net	Contract 5088	\$0.3772	\$7,355.40
C-FTS-1	17,550	Net	Contract 6088	\$0.0561	\$984.56
D-FTS-1	10,738	Net	Contract 6188	\$0.3772	\$4,050.37
C-FTS-1	10,738	Net	Contract 6188	\$0.0581	\$622.40
Adjustments - Backout/Cashout/Receipts/Etc.					(\$7,385.80)
<b>TOTAL AMOUNT DUE</b>					<b><u>\$52,673.16</u></b>

\* MWH's  
 \*\* Includes 2.96% Fuel  
 BS - Basic Service      C - Commodity / FGT Usage      P&A - P&A Management  
 D - Demand / FGT Reservation      MS - Management Service      MNT - No Notice Reservation  
 SS - Swing Supply

Please Remit To: Peninsula Energy Services Company Division of Chesapeake Utilities Corporation P.O. Box 615 Dover, Delaware 19903-0615 Attn: CASH MANAGEMENT	For Wire Payments WIRE TRANSFER Credit PENINSULA ENERGY SERVICES COMPANY PNC Bank, Delaware Account: [REDACTED] Routing Number: [REDACTED]
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For Billing Inquiries call Customer Accounting at (941) 293-8612  
 Facsimile Number (941) 294-3895

# Peninsula Energy Services Company

DIVISION OF CHESAPEAKE UTILITIES CORPORATION

P.O. Box 615

Dover, Delaware 19903-0615

## NATURAL GAS INVOICE

<b>Customer</b>	<b>Statement Date</b>	04-Nov-98
Indiantown Gas Company, Inc.	<b>Payable Upon Receipt</b>	
P.O. Box 8	<b>Past Due After</b>	19-Nov-98
Indiantown, Florida 34958	<b>Interest Charges will accrue for all payments past due date as per your contract.</b>	
<b>Attention:</b> Mr. Brian Powers		

Production month of: Oct 1998

SERVICE	VOLUME*		DESCRIPTION	UNIT PRICE	TOTAL PRICE
BS		**			
Zone 1	588	Gross	Contract 5088	\$2.0000	\$1,178.00
Zone 2	882	Gross	Contract 5088	\$2.0500	\$1,398.10
Zone 3	341	Gross	Contract 5088	\$1.9800	\$678.59
Swing	0	Gross	Contract 5088	\$0.0000	\$0.00
K# 5188	2,000	Net	Excess Gas	\$2.07568	\$4,161.18
K# 5188	15,778	Gross	Swing	\$1.8070	\$28,510.85
Delivered Volume	8,000	Net		\$2.2220	\$13,332.00
MS	24,231	Net	Measured Volume	\$0.0500	\$1,211.55
NNT	0	Net	No Notice Volume	\$0.0590	\$0.00
D-FTS-1	1,560	Net	Contract 5088	\$0.3772	\$584.66
C-FTS-1	1,560	Net	Contract 5088	\$0.0304	\$47.12
D-FTS-1	17,330	Net	Contract 5188	\$0.3772	\$6,536.88
C-FTS-1	17,330	Net	Contract 5188	\$0.0304	\$528.83
Adjustments - Bookout/Cashout/Receipts/Etc.					(\$10,472.43)
				<b>TOTAL AMOUNT DUE</b>	<b><u>\$47,583.33</u></b>

**RECEIVED**  
NOV 06 1998

BY: \_\_\_\_\_

\* MMBtu's      \*\* Includes 2.84% Fuel

BS - Base Load Service      C - Community / FBT Usage      PBA - PBA Measurement

D - Demand / FBT Reservation      MS - Measurement Service      NNT - No Notice Reservation

SS - Swing Supply

Please Remit To Peninsula Energy Services Company Division of Chesapeake Utilities Corporation P.O. Box 615 Dover, Delaware 19903-0615 Attn: CASH MANAGEMENT	For Wire Payments WIRE TRANSFER Credit PENINSULA ENERGY SERVICES CO PNC Bank, Delaware Account [REDACTED] Routing Number [REDACTED]
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REDACTED

For Billing Inquiries call Customer Accounting at (941) 293-8612  
 Facsimile Number (941) 294-3885

# Peninsula Energy Services Company

DIVISION OF CHESAPEAKE UTILITIES CORPORATION  
 P.O. Box 615  
 Dover, Delaware 19903-0615

## NATURAL GAS INVOICE

<b>Customer</b>	<b>Statement Date</b>	04-Dec-98
Indiantown Gas Company, Inc.	<b>Payable Upon Receipt</b>	
P.O. Box 8	<b>Past Due After</b>	19-Dec-98
Indiantown, Florida 34956	<b>Interest Charges will accrue for all payments past due date as per your contract.</b>	
<b>Attention:</b> Mr. Brian Powers		

**Production month of:** Nov 1998

SERVICE	VOLUME*		DESCRIPTION	UNIT PRICE	TOTAL PRICE
BS		**			
Zone 1	15,750	Gross	Contract 5088	\$1.9400	\$30,555.00
Zone 2	18,775	Gross	Contract 5088	\$2.0100	\$37,737.75
Zone 3	9,200	Gross	Contract 5088	\$1.9300	\$17,756.00
Swing	0	Gross	Contract 5088	\$0.0000	\$0.00
K# 5188	19,963	Net	Excess Gas	\$2.00848	\$40,095.29
K# 5188		Gross	NYMEX Gas		\$0.00
Delivered Volumes	Not Applicable	Net			\$0.00
MS	42,862	Net	Measured Volumes	\$0.0500	\$2,143.10
NNT	6,000	Net	No Notice Volumes	\$0.0590	\$354.00
D-FTS-1	51,000	Net	Contract 5088	\$0.3772	\$19,237.20
C-FTS-1	42,500	Net	Contract 5088	\$0.0304	\$1,292.00
D-FTS-1	19,963	Net	Contract 5188	\$0.3772	\$7,530.04
C-FTS-1	19,963	Net	Contract 5188	\$0.0304	\$606.88
Adjustments -Bookout/Cashout/Receipts/Etc.					\$18,243.82

**RECEIVED**  
 DEC 09 1998  
 BY: 20279

**TOTAL AMOUNT DUE** \$138,063.44

\* MMBtu's  
 \*\* Includes 2.84% Fuel  
 BS - Baselead Service      C - Commodity / FGT Usage      PGA - PGA Management  
 D - Demand / FGT Reservation      MS - Management Service      NNT - No Notice Reservation  
 SS - Swing Supply

Please Remit To Peninsula Energy Services Company Division of Chesapeake Utilities Corporation P.O. Box 615 Dover, Delaware 19903-0615 Attn: CASH MANAGEMENT	For Wire Payments WIRE TRANSFER Credit PENINSULA ENERGY SERVICES COMPANY PNC Bank, Delaware Account [REDACTED] Routing Number [REDACTED]
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**REDACTED**

For Billing Inquiries call Customer Accounting at (941) 293-8612  
 Facsimile Number (941) 294-3895

# Peninsula Energy Services Company

DIVISION OF CHESAPEAKE UTILITIES CORPORATION  
 P.O. Box 615  
 Dover, Delaware 19903-0615

## NATURAL GAS INVOICE

<b>Customer</b>	<b>Statement Date</b>	06-Jan-99
Indiantown Gas Company, Inc. P.O. Box 8 Indiantown, Florida 34956	<b>Payable Upon Receipt</b> <b>Past Due After</b>	21-Jan-99
<b>Attention:</b> Mr. Brian Powers	<b>Interest Charges will accrue for all payments past due date as per your contract.</b>	

**Production month of:** Dec 1998

SERVICE	VOLUME*		DESCRIPTION	UNIT PRICE	TOTAL PRICE
BS		**			
Zone 1	2,700	Gross	Contract 5088	\$2.0900	\$5,643.00
Zone 2	22,176	Gross	Contract 5088	\$2.1400	\$47,456.64
Zone 3	6,624	Gross	Contract 5088	\$2.0900	\$13,844.16
Swing	0	Gross	Contract 5088	\$0.0000	\$0.00
K# 5188	1,300	Net	Excess Gas	\$2.09653	\$2,725.49
K# 5188		Gross	NYMEX Gas		\$0.00
Delivered Volumes	Not Applicable	Net			\$0.00
MS	23,412	Net	Measured Volumes	\$0.0500	\$1,170.60
NNT	6,200	Net	No Notice Volumes	\$0.0590	\$365.80
D-FTS-1	52,700	Net	Contract 5088	\$0.3772	\$19,878.44
C-FTS-1	30,600	Net	Contract 5088	\$0.0304	\$930.24
D-FTS-1	1,300	Net	Contract 5188	\$0.3772	\$490.36
C-FTS-1	1,300	Net	Contract 5188	\$0.0304	\$39.52
Adjustments -Bookout/Cashout/Receipts/Etc.					(\$35,710.87)
<b>RECEIVED</b> JAN 21 1999 BY: 20407					
<b>TOTAL AMOUNT DUE</b>					<b>\$56,833.38</b>

\* MMBtu's  
 \*\* Includes 2.84% Fuel

BS - Baseload Service      C - Commodity / FGT Usage      PGA - PGA Management  
 D - Demand / FGT Reservation      MS - Management Service      NNT - No Notice Reservation  
 SS - Swing Supply

<b>Please Remit To</b> Peninsula Energy Services Company Division of Chesapeake Utilities Corporation P.O. Box 615 Dover, Delaware 19903-0615 Attn: CASH MANAGEMENT	<b>For Wire Payments</b> WIRE TRANSFER Credit PENINSULA ENERGY SERVICES COMPANY PNC Bank, Delaware Account [REDACTED] Routing Number [REDACTED]
--	--

**REDACTED**

For Billing Inquiries call Customer Accounting at (941) 293-8612  
 Facsimile Number (941) 294-3895