

ST. JOE NATURAL GAS COMPANY, INC.

P.O. BOX 540 PHONE 229-8216  
PORT ST. JOE, FLORIDA 32456

January 18, 1996

Blanco S Bayo, Director  
Division of Record and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Fl. 32399-0850

Re: Docket No. 960003-GU  
Purchased Gas Cost Recovery  
for period ending March 31, 1997

ORIGINAL  
FILE COPY

RECEIVED  
FLORIDA PUBLIC  
SERVICE COMMISSION  
JAN 19 AM 9 58  
MAIL ROOM

Dear Ms. Bayo,

Enclosed for filing in the above referenced docket are an original and fifteen (15) copies of St. Joe Natural Gas Company's:

- ACK  \_\_\_\_\_
- AFA  \_\_\_\_\_
- APP  \_\_\_\_\_
- CAF  \_\_\_\_\_
- CMU  \_\_\_\_\_
- CTR  \_\_\_\_\_
- EAC  \_\_\_\_\_
- LEG  \_\_\_\_\_
- LIN  \_\_\_\_\_
- OPC  \_\_\_\_\_
- RCH  \_\_\_\_\_
- SEC  \_\_\_\_\_
- WAS  \_\_\_\_\_
- OTH  \_\_\_\_\_

1. Petition for Approval of Purchased Cost Recovery Factors;
2. Schedules E-1 through E-5
3. Direct Testimony of Stuart L Shoaf
4. Certificate of Service

00638-96

00639-96

Please acknowledge receipt of these documents by stamping the extra copy of this letter which is also enclosed.

Thank you for your assistance.

Very truly yours,

*Stuart Shoaf*  
Stuart L. Shoaf  
President

Enclosures

Copies: All known parties of record

RECEIVED & FILED

90  
EPSC-BUREAU OF RECORDS

1 BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

2

3 In Re: Purchased Gas Recovery )  
4 \_\_\_\_\_ )

Docket No. 960003-GU  
Submitted for filing  
January 18, 1996

5

6

DIRECT TESTIMONY OF STUART L. SHOAF ON

7

BEHALF OF ST. JOE NATURAL GAS COMPANY, INC.  
=====

8

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

11 A. Stuart L. Shoaf, 301 Long Avenue, Port St. Joe,  
12 Florida 32456, St. Joe Natural Gas Company in the  
13 capacity of President and Regulatory Affairs.

14 Q. What is the purpose of your testimony?

15 A. My purpose is to submit known and estimated gas  
16 costs and therm sales from April 1, 1996 through  
17 March 31, 1997, used in developing the maximum twelve  
18 month levelized purchased gas cost factor to be applied  
19 to customer bills from April 1, 1996 through  
20 March 31, 1997.

21 Q. Have you prepared any exhibits in conjunction with  
22 your testimony?

23 A. Yes, I have prepared and filed on Jan. 18, 1996  
24 Schedules E-1 through E-5.

25 Q. What Purchased Gas Cost Recovery Factor does

1 St. Joe Natural Gas seek approval through its  
2 petition for the period April 1, 1996 through March  
3 31, 1997?

4 A. 34.600 cents per therm

5 Q. Does this conclude your testimony?

6 A. Yes

7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

COMPANY: ST JOE NATURAL GAS CO

PURCHASED GAS ADJUSTMENT  
COST RECOVERY CLAUSE CALCULATIONSCHEDULE E-1  
(REVISED 8/10/93)

ORIGINAL ESTIMATE FOR THE PROJECTED PERIOD:

APRIL 96 Through MARCH 97

COST OF GAS PURCHASED	PRODUCTION												TOTAL
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
1 COMMODITY (Pipeline)	\$16,385	\$16,693	\$16,172	\$16,662	\$16,662	\$16,172	\$17,275	\$16,994	\$18,271	\$18,787	\$18,838	\$17,976	\$204,929
2 NO NOTICE SERVICE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 SWING SERVICE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4 COMMODITY (Other)	\$480,823	\$480,134	\$418,345	\$443,687	\$443,687	\$432,531	\$460,134	\$481,801	\$547,251	\$570,860	\$497,277	\$508,664	\$5,743,613
5 DEMAND	\$160,807	\$166,167	\$160,807	\$166,167	\$166,167	\$160,807	\$203,240	\$166,617	\$192,838	\$192,838	\$174,176	\$192,838	\$2,123,467
6 OTHER	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>LESS END-USE CONTRACT</b>													
7 COMMODITY (Pipeline)	\$3,496	\$3,613	\$3,496	\$3,613	\$3,613	\$3,496	\$3,613	\$3,496	\$3,613	\$3,613	\$3,263	\$3,613	\$42,540
8 DEMAND	\$21,594	\$22,314	\$21,594	\$22,314	\$22,314	\$21,594	\$22,314	\$21,594	\$22,314	\$22,314	\$20,154	\$22,314	\$262,724
9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 TOTAL COST (1+2+3+4+5+6)-(7+8+9+10)	\$632,726	\$617,067	\$568,234	\$600,809	\$600,809	\$584,420	\$654,722	\$660,322	\$732,433	\$756,558	\$664,874	\$693,771	\$7,766,745
12 NET UNBILLED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13 COMPANY USE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14 TOTAL THERM SALES	\$632,726	\$617,067	\$568,234	\$600,809	\$600,809	\$584,420	\$654,722	\$660,322	\$732,433	\$756,558	\$664,874	\$693,771	\$7,766,745
<b>THERMS PURCHASED</b>													
15 COMMODITY (Pipeline)	2,388,634	2,422,829	2,347,242	2,417,655	2,417,655	2,347,242	2,422,829	2,383,460	2,562,527	2,634,963	2,361,636	2,521,135	29,227,807
16 NO NOTICE SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SWING SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0
18 COMMODITY (Other)	1,911,634	1,929,929	1,780,242	1,924,755	1,924,755	1,870,242	1,929,929	1,906,460	2,069,627	2,142,063	1,916,436	2,028,235	23,334,307
19 DEMAND	2,901,600	2,998,320	2,901,600	2,998,320	2,998,320	2,901,600	3,816,720	3,471,300	3,587,010	3,587,010	3,239,860	3,587,010	38,968,690
20 OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LESS END-USE CONTRACT</b>													
21 COMMODITY (Pipeline)	477,000	492,900	477,000	492,900	492,900	477,000	492,900	477,000	492,900	492,900	445,200	492,900	5,803,500
22 DEMAND	477,000	492,900	477,000	492,900	492,900	477,000	492,900	477,000	492,900	492,900	445,200	492,900	5,803,500
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL PURCHASES (15+16+17+18+20)-(21+23)	1,911,634	1,929,929	1,870,242	1,924,755	1,924,755	1,870,242	1,929,929	1,906,460	2,069,627	2,142,063	1,916,436	2,028,235	23,424,307
25 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0
26 COMPANY USE	61	56	59	59	71	60	56	65	81	135	120	86	909
27 TOTAL THERM SALES	1,911,573	1,929,873	1,870,183	1,924,696	1,924,684	1,870,182	1,929,873	1,906,395	2,069,546	2,141,928	1,916,316	2,028,149	23,423,398
<b>CENTS PER THERM</b>													
28 COMMODITY (Pipeline) (1/15)	\$0.00686	0.00689	0.00689	0.00690	0.00690	0.00689	0.00713	0.00713	0.00713	0.00713	0.00713	0.00713	0.00701
29 NO NOTICE SERVICE (2/16)													
30 SWING SERVICE (3/17)													
31 COMMODITY (Other) (4/18)	\$0.25142	0.23842	0.23987	0.23062	0.23062	0.23127	0.23842	0.25272	0.26442	0.26650	0.25948	0.25090	0.24614
32 DEMAND (5/19)	\$0.05542	0.05542	0.05542	0.05542	0.05542	0.05542	0.05325	0.05376	0.05376	0.05376	0.05376	0.05376	0.05446
33 OTHER (6/20)													
<b>LESS END-USE CONTRACT</b>													
34 COMMODITY Pipeline (7/21)	\$0.00733	0.00733	0.00733	0.00733	0.00733	0.00733	0.00733	0.00733	0.00733	0.00733	0.00733	0.00733	0.00733
35 DEMAND (8/22)	\$0.04527	\$0.04527	\$0.04527	\$0.04527	\$0.04527	\$0.04527	\$0.04527	\$0.04527	\$0.04527	\$0.04527	\$0.04527	\$0.04527	0.04527
36 (9/23)													
37 TOTAL COST (11/24)	\$0.33099	\$0.31974	\$0.30383	\$0.31215	\$0.31215	\$0.31248	\$0.33925	\$0.34636	\$0.35390	\$0.35319	\$0.34660	\$0.34206	\$0.33157
38 NET UNBILLED (12/25)													
39 COMPANY USE (13/26)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
40 TOTAL THERM SALES (11/27)	\$0.33100	\$0.31975	\$0.30384	\$0.31216	\$0.31216	\$0.31249	\$0.33926	\$0.34637	\$0.35391	\$0.35321	\$0.34661	\$0.34207	\$0.33158
41 TRUE-UP (E-2)	\$0.00403	\$0.00403	\$0.00403	\$0.00403	\$0.00403	\$0.00403	\$0.00403	\$0.00403	\$0.00403	\$0.00403	\$0.00403	\$0.00403	\$0.00403
42 TOTAL COST OF GAS (40+41)	\$0.33503	0.32378	0.30787	0.31619	0.31619	0.31653	0.34329	0.35040	0.35794	0.35725	0.35069	0.34610	0.33561
43 REVENUE TAX FACTOR	1.0296	1.0296	1.0296	1.0296	1.0296	1.0296	1.0296	1.0296	1.0296	1.0296	1.0296	1.0296	1.0296
44 PGA FACTOR ADJUSTED FOR TAXES (42x43)	\$0.34495	0.33336	0.31698	0.32555	0.32555	0.32590	0.35345	0.36078	0.36854	0.36782	0.36138	0.35635	0.34555
45 PGA FACTOR ROUNDED TO NEAREST .001	\$0.34500	0.33300	0.31700	0.32600	0.32600	0.32600	0.35300	0.36100	0.36900	0.36800	0.36100	0.35600	0.34600

COMPANY: ST. JOE NATURAL GAS CO.		PURCHASED GAS ADJUSTMENT COST RECOVERY CLAUSE CALCULATION											SCHEDULE E-1/R (REVISED 8/19/98)	
REVISED ESTIMATE FOR THE PROJECTED PERIOD:		APRIL 95 Through MARCH 96												
COST OF GAS PURCHASED		ACTUAL											REVISED PROJECTION	
		APR 95	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 96	FEB	MAR	TOTAL
1 COMMODITY (Pipeline)		\$16,254.27	\$14,399.33	\$14,933.87	\$12,353.93	\$14,510.00	\$11,476.77	\$14,803.76	\$17,167.17	\$15,635.21	\$16,673.00	\$15,783.00	\$16,623.00	\$183,133.91
2 NO NOTICE SERVICE		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3 SWING SERVICE		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4 COMMODITY (Other)		\$330,923.93	\$286,166.03	\$314,693.63	\$276,274.36	\$270,941.70	\$211,881.93	\$327,299.41	\$390,715.05	\$473,596.62	\$671,505.00	\$643,508.00	\$668,927.00	\$4,868,434.68
5 DEMAND		\$152,347.16	\$151,694.89	\$143,708.29	\$144,169.32	\$149,068.93	\$139,172.02	\$160,606.55	\$170,751.85	\$162,978.79	\$184,558.00	\$166,698.00	\$184,558.00	\$1,939,311.47
6 OTHER		\$0.00	\$0.00	\$0.00	\$0.00	(\$5,743.97)	\$0.00	(\$4,371.74)	(\$39,550.98)	(\$112.53)	\$0.00	\$0.00	\$0.00	(\$49,779.22)
<b>LESS END-USE CONTRACT</b>														
7 COMMODITY (Pipeline)		\$3,402.88	\$3,516.31	\$3,402.88	\$3,524.49	\$3,441.20	\$3,402.88	\$3,516.31	\$3,402.88	\$3,516.31	\$3,549.00	\$3,205.00	\$3,549.00	\$41,429.15
8 DEMAND		\$19,244.48	\$21,148.43	\$19,702.07	\$21,076.03	\$20,933.19	\$20,277.82	\$21,113.55	\$20,603.84	\$21,230.55	\$21,412.00	\$19,339.00	\$21,412.00	\$247,492.96
9		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$4,613.41)	\$0.00	\$0.00	\$0.00	\$0.00	(\$4,513.41)
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11 TOTAL COST (1+2+3+4+5+6)-(7+8+9+10)		\$476,886.52	\$427,587.51	\$450,230.84	\$409,697.10	\$404,401.94	\$338,850.02	\$482,708.12	\$519,709.78	\$650,351.23	\$847,775.00	\$803,445.00	\$845,147.00	\$6,656,792.15
12 NET UNBILLED		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13 COMPANY USE		\$14.57	\$16.25	\$19.00	\$17.39	\$19.09	\$17.95	\$15.89	\$19.26	\$24.04	\$0.00	\$0.00	\$0.00	\$103.43
14 TOTAL THERM SALES		\$468,871.37	\$439,256.37	\$431,963.76	\$428,465.56	\$384,051.22	\$370,827.30	\$446,989.79	\$521,634.86	\$629,151.02	\$847,775.00	\$803,443.00	\$845,147.00	\$6,617,557.24
<b>THERMS PURCHASED</b>														
15 COMMODITY (Pipeline)		2,518,140	2,219,920	2,312,910	2,126,870	2,221,240	1,735,350	2,167,170	2,552,940	2,480,210	1,886,251	1,807,606	1,879,007	25,887,314
16 NO NOTICE SERVICE		0	0	0	0	0	0	0	0	0	0	0	0	0
17 SWING SERVICE		0	0	0	0	0	0	0	0	0	0	0	0	0
18 COMMODITY (Other)		2,080,380	1,753,090	1,904,590	1,751,670	1,791,910	1,331,390	1,936,140	2,161,690	2,039,340	1,886,251	1,807,606	1,879,007	22,323,064
19 DEMAND		2,901,600	2,968,320	2,652,960	2,687,520	2,687,520	2,430,800	2,376,440	3,079,500	3,587,010	3,587,010	3,239,880	3,587,010	35,815,570
20 OTHER		0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LESS END-USE CONTRACT</b>														
21 COMMODITY (Pipeline)		474,500	490,420	474,500	491,500	479,944	474,500	490,420	474,500	490,420	492,900	445,200	492,900	5,772,164
22 DEMAND		477,000	492,900	477,000	492,900	492,900	477,000	492,900	477,000	492,900	492,900	445,200	492,900	5,803,500
23		0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL PURCHASES (15+16+17+18+20)-(21+23)		2,043,540	1,729,200	1,838,310	1,635,310	1,741,296	1,260,550	1,676,750	2,078,340	1,989,710	1,393,351	1,362,406	1,386,107	20,115,150
25 NET UNBILLED		0	0	0	0	0	0	0	0	0	0	0	0	0
26 COMPANY USE		64	56	59	59	71	60	56	65	61	135	120	86	911
27 TOTAL THERM SALES		2,031,176	1,751,723	1,752,164	1,585,144	1,548,994	1,272,379	1,675,092	2,045,847	1,838,312	1,822,817	1,798,817	1,815,816	21,186,303
<b>CENTS PER THERM</b>														
28 COMMODITY (Pipeline) (1/15)		0.00648	0.00648	0.00648	0.00651	0.00653	0.00661	0.00683	0.00673	0.00676	0.00684	0.00673	0.00685	0.00707
29 NO NOTICE SERVICE (2/16)		ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
30 SWING SERVICE (3/17)		ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
31 COMMODITY (Other) (4/18)		0.15907	0.16324	0.16523	0.15772	0.15120	0.15914	0.16905	0.18075	0.23321	0.35600	0.35600	0.35600	0.21809
32 DEMAND (5/19)		0.05250	0.05059	0.05417	0.05364	0.05547	0.05725	0.07137	0.05545	0.05101	0.05145	0.05145	0.05145	0.05415
33 OTHER (6/20)		ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
<b>LESS END-USE CONTRACT</b>														
34 COMMODITY Pipeline (7/21)		0.00717	0.00717	0.00717	0.00717	0.00717	0.00717	0.00717	0.00717	0.00717	0.00720	0.00720	0.00720	0.00718
35 DEMAND (8/22)		0.04094	0.04291	0.04130	0.04276	0.04247	0.04251	0.04284	0.04319	0.04307	0.04344	0.04344	0.04344	0.04365
36 (9/23)		ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
37 TOTAL COST (11/24)		0.23336	0.24727	0.24492	0.25653	0.23224	0.26877	0.26798	0.25006	0.33016	0.60844	0.58973	0.59973	0.33093
38 NET UNBILLED (12/25)		ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
39 COMPANY USE (13/26)		0.22720	0.29113	0.32483	0.29718	0.26886	0.29718	0.28177	0.29718	0.29718	0.00000	0.00000	0.00000	0.17932
40 TOTAL THERM SALES (11/27)		0.23478	0.24410	0.25095	0.25846	0.24524	0.26631	0.25743	0.25403	0.35378	0.46509	0.45995	0.46544	0.31420
41 TRUE-UP (E-2)		0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048	0.00048
42 TOTAL COST OF GAS (40+41)		0.23526	0.24458	0.25743	0.25894	0.24572	0.26679	0.25791	0.25451	0.35426	0.46557	0.46043	0.46592	0.31468
43 REVENUE TAX FACTOR		1.02960	1.02960	1.02960	1.02960	1.02960	1.02960	1.02960	1.02960	1.02960	1.02960	1.02960	1.02960	1.02960
44 PGA FACTOR ADJUSTED FOR TAXES (42x43)		0.24223	0.25181	0.26505	0.26661	0.25300	0.27469	0.26555	0.26205	0.36474	0.47935	0.47406	0.47971	0.32400
45 PGA FACTOR ROUNDED TO NEAREST .001		0.242	0.252	0.265	0.267	0.253	0.275	0.266	0.262	0.365	0.479	0.474	0.48	0.324

FOR THE CURRENT PERIOD:

APRIL 95

Through

MARCH 96

	ACTUAL												TOTAL PERIOD
	APR95	MAY95	JUN95	JUL95	AUG95	SEP95	OCT95	NOV95	DEC95	JAN96	FEB96	MAR96	
<b>TRUE-UP CALCULATION</b>													
1 PURCHASED GAS COST	\$330,924	\$286,168	\$314,694	\$278,274	\$270,942	\$211,982	\$327,299	\$390,718	\$475,587	\$571,505	\$643,508	\$688,927	\$4,869,435.60
2 TRANSPORTATION COST	\$145,965	\$141,419	\$125,537	\$133,423	\$133,460	\$126,968	\$155,409	\$128,965	\$174,755	\$176,270	\$153,937	\$176,220	\$1,789,367.60
3 TOTAL	\$476,889	\$427,587	\$440,231	\$411,697	\$404,402	\$338,950	\$482,708	\$519,711	\$650,342	\$747,775	\$797,445	\$865,147	\$6,658,793.20
4 FUEL REVENUES (NET OF REVENUE TAX)	\$468,871	\$439,258	\$431,984	\$428,485	\$384,051	\$370,827	\$448,970	\$521,835	\$629,151	\$747,775	\$803,445	\$845,147	\$6,817,558.00
5 TRUE-UP COLLECTED OR (REFUNDED)	(\$1,019)	(\$1,019)	(\$1,019)	(\$1,019)	(\$1,019)	(\$1,019)	(\$1,019)	(\$1,019)	(\$1,019)	(\$1,019)	(\$1,019)	(\$1,019)	(\$12,225.00)
6 FUEL REVENUE APPLICABLE TO PERIOD (LINE 4 (+ or -) LINE 5)	\$467,852	\$438,237	\$430,965	\$427,467	\$383,032	\$369,808	\$447,951	\$520,816	\$628,132	\$746,756	\$802,426	\$844,128	\$6,805,333.00
7 TRUE-UP PROVISION - THIS PERIOD (LINE 6 - LINE 3)	(\$9,036)	\$10,650	(\$19,286)	\$17,750	(\$21,370)	\$30,958	(\$36,757)	\$905	(\$22,220)	(\$1,019)	(\$1,019)	(\$1,019)	(\$51,460.20)
8 INTEREST PROVISION - THIS PERIOD (21)	(\$280)	(\$271)	(\$290)	(\$285)	(\$284)	(\$259)	(\$269)	(\$349)	(\$397)	(\$451)	(\$453)	(\$455)	(\$4,044.16)
9 BEGINNING OF PERIOD TRUE-UP AND INTEREST	(\$51,175)	(\$59,473)	(\$48,075)	(\$66,832)	(\$48,148)	(\$68,784)	(\$37,066)	(\$73,073)	(\$71,498)	(\$93,096)	(\$93,546)	(\$93,969)	(\$51,175)
10 TRUE-UP COLLECTED OR (REFUNDED) (REVERSE OF LINE 5)	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$1,019	\$12,225.00
10a FLEX RATE REFUND (if applicable)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
11 TOTAL ESTIMATED/ACTUAL TRUE-UP (7+8+9+10+10a)	(\$59,473)	(\$48,075)	(\$66,832)	(\$48,148)	(\$68,784)	(\$37,066)	(\$73,073)	(\$71,498)	(\$93,096)	(\$93,546)	(\$93,969)	(\$94,454)	(\$94,454.46)
<b>INTEREST PROVISION</b>													
12 BEGINNING TRUE-UP AND INTEREST PROVISION (9)	(\$51,175)	(\$59,473)	(\$48,075)	(\$66,832)	(\$48,148)	(\$68,784)	(\$37,066)	(\$73,073)	(\$71,498)	(\$93,096)	(\$93,546)	(\$93,969)	
13 ENDING TRUE-UP BEFORE INTEREST (12+7-5)	(\$53,192)	(\$47,804)	(\$66,342)	(\$47,863)	(\$68,499)	(\$36,807)	(\$72,804)	(\$71,149)	(\$92,899)	(\$93,096)	(\$93,546)	(\$93,969)	
14 TOTAL (12+13)	(\$110,367)	(\$107,278)	(\$114,417)	(\$114,495)	(\$116,648)	(\$105,590)	(\$109,869)	(\$144,221)	(\$164,195)	(\$186,191)	(\$187,093)	(\$187,969)	
15 AVERAGE (50% OF 14)	(\$55,184)	(\$53,639)	(\$57,209)	(\$57,248)	(\$58,324)	(\$52,795)	(\$54,935)	(\$72,111)	(\$82,098)	(\$93,096)	(\$93,546)	(\$93,969)	
16 INTEREST RATE - FIRST DAY OF MONTH	6.12%	6.07%	6.07%	6.10%	5.98%	5.94%	5.94%	5.91%	5.90%	5.91%	5.91%	5.91%	
17 INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	6.07%	6.07%	6.10%	5.98%	5.84%	5.94%	5.91%	5.90%	5.91%	5.91%	5.91%	5.91%	
18 TOTAL (16+17)	12.19%	12.14%	12.17%	11.98%	11.70%	11.78%	11.75%	11.61%	11.61%	11.62%	11.62%	11.62%	
19 AVERAGE (50% OF 18)	6.10%	6.07%	6.09%	5.99%	5.85%	5.89%	5.89%	5.81%	5.81%	5.81%	5.81%	5.81%	
20 MONTHLY AVERAGE (19/12 Months)	0.51%	0.51%	0.51%	0.50%	0.49%	0.49%	0.49%	0.48%	0.48%	0.48%	0.48%	0.48%	
21 INTEREST PROVISION (15x20)	(\$280)	(\$271)	(\$290)	(\$285)	(\$284)	(\$259)	(\$269)	(\$349)	(\$397)	(\$451)	(\$453)	(\$455)	(\$4,044.16)

TRANSPORTATION PURCHASES  
SYSTEM SUPPLY AND END USE

ESTIMATED FOR THE PROJECTED PERIOD OF:												
APRIL 96 Through MARCH 97												
MONTH	PURCHASED FROM	PURCHASED FOR	SCH TYPE	SYSTEM SUPPLY	END USE	TOTAL PURCHASED	COMMODITY COST		DEMAND COST	OTHER CHARGES ACA/GBW/FUEL	TOTAL CENTS PCR THERM	
							THIRD PARTY	PIPELINE				
1 APR96	FGT	SYSTEM	FTS-1	1,563,300	477,000	2,040,300		\$14,954	\$92,383	0.00481	\$9,408	\$0.499
2 APR96	FGT	SYSTEM	FTS-2	284,048		284,048		\$1,422	\$88,451	0.00111	\$315	\$2.421
3 APR96	1/	SYSTEM	FTS1 & 2	1,911,634		1,911,634	\$480,623					\$2.514
4 MAY96	FGT	SYSTEM	FTS-1	1,815,410	492,900	2,108,310		\$15,453	\$85,442	0.00481	\$9,719	\$0.499
5 MAY96	FGT	SYSTEM	FTS-2	249,618		249,618		\$1,249	\$70,733	0.00111	\$277	\$2.845
6 MAY96	1/	SYSTEM	FTS1 & 2	1,929,929		1,929,929	\$480,134					\$2.384
7 JUN 96	FGT	SYSTEM	FTS-1	1,563,300	477,000	2,040,300		\$14,954	\$92,383	0.00481	\$9,408	\$0.499
8 JUN 96	FGT	SYSTEM	FTS-2	244,048		244,048		\$1,222	\$88,451	0.00111	\$271	\$2.816
9 JUN 96	1/	SYSTEM	FTS1 & 2	1,870,242		1,870,242	\$437,394					\$2.339
10 JUL96	FGT	SYSTEM	FTS-1	1,815,410	492,900	2,108,310		\$15,453	\$85,442	0.00481	\$9,719	\$0.499
11 JUL96	FGT	SYSTEM	FTS-2	244,618		244,618		\$1,224	\$70,733	0.00111	\$272	\$2.903
12 JUL96	1/	SYSTEM	FTS1 & 2	1,924,755		1,924,755	\$443,887					\$2.308
13 AUG96	FGT	SYSTEM	FTS-1	1,815,410	492,900	2,108,310		\$15,453	\$85,442	0.00481	\$9,719	\$0.499
14 AUG96	FGT	SYSTEM	FTS-2	244,618		244,618		\$1,224	\$70,733	0.00111	\$272	\$2.903
15 AUG96	1/	SYSTEM	FTS1 & 2	1,924,755		1,924,755	\$443,887					\$2.308
16 SEP96	FGT	SYSTEM	FTS-1	1,563,300	477,000	2,040,300		\$14,954	\$92,383	0.00481	\$9,408	\$0.499
17 SEP96	FGT	SYSTEM	FTS-2	244,048		244,048		\$1,222	\$88,451	0.00111	\$271	\$2.816
18 SEP96	1/	SYSTEM	FTS1 & 2	1,870,242		1,870,242	\$432,531					\$2.313
19 OCT96	FGT	SYSTEM	FTS-1	1,865,026	492,900	2,357,926		\$17,282	\$132,491	0.00481	\$10,870	\$0.608
20 OCT96	FGT	SYSTEM	FTS-2			0			\$70,733	0.00111	\$0	ERR
21 OCT96	1/	SYSTEM	FTS1 & 2	1,929,929		1,929,929	\$460,134					\$2.384
22 NOV96	FGT	SYSTEM	FTS-1	1,842,346	477,000	2,319,346		\$17,000	\$118,153	0.00481	\$10,892	\$0.556
23 NOV96	FGT	SYSTEM	FTS-2			0			\$88,451	0.00111	\$0	ERR
24 NOV96	1/	SYSTEM	FTS1 & 2	1,906,460		1,906,460	\$481,801					\$2.527
25 DEC96	FGT	SYSTEM	FTS-1	2,000,026	492,900	2,492,926		\$18,272	\$122,092	0.00481	\$11,492	\$0.536
26 DEC96	FGT	SYSTEM	FTS-2			0			\$70,733	0.00111	\$0	ERR
27 DEC96	1/	SYSTEM	FTS1 & 2	2,069,627		2,069,627	\$547,251					\$2.644
28 JAN97	FGT	SYSTEM	FTS-1	2,070,026	492,900	2,562,926		\$18,785	\$122,092	0.00481	\$11,815	\$0.522
29 JAN97	FGT	SYSTEM	FTS-2			0			\$70,733	0.00111	\$0	ERR
30 JAN97	1/	SYSTEM	FTS1 & 2	2,142,063		2,142,063	\$570,860					\$2.685
31 FEB97	FGT	SYSTEM	FTS-1	1,851,988	445,200	2,297,188		\$16,837	\$110,277	0.00481	\$10,590	\$0.526
32 FEB97	FGT	SYSTEM	FTS-2			0			\$83,898	0.00111	\$0	ERR
33 FEB97	1/	SYSTEM	FTS1 & 2	1,916,436		1,916,436	\$497,277					\$2.595
34 MAR97	FGT	SYSTEM	FTS-1	1,960,026	492,900	2,452,926		\$17,979	\$122,092	0.00481	\$11,308	\$0.544
35 MAR97	FGT	SYSTEM	FTS-2			0			\$70,733	0.00111	\$0	ERR
36 MAR97	1/	SYSTEM	FTS1 & 2	2,028,235		2,028,235	\$508,884					\$2.509
37 TOTAL		SYSTEM		48,060,859	5,903,500	51,864,359	\$5,784,663	\$204,939	\$2,123,435	0.0688	\$125,820	\$1.545

38

39 1/ SJNG has several third party gas suppliers, but has no term obligation at this time. End User(s) purchase from several third party vendors

40 and SJNG has no information as to which purchases will be made during the twelve-month period.

COMPANY:

**CALCULATION OF TRUE-UP AMOUNT  
PROJECTED PERIOD**

SCHEDULE E-4  
(REVISED 8/19/93)

ESTIMATED FOR THE PROJECTED PERIOD:

APRIL 95 Through MARCH 96

	PRIOR PERIOD: APR 94 - MAR 95			CURRENT PERIOD: APRIL 95 - MARCH 96	
	(1) EIGHT MONTHS ACTUAL PLUS FOUR MONTHS REVISED ESTIMATE	(2) ACTUAL	(3) (2)-(1) DIFFERENCE	(4) EIGHT MONTHS ACTUAL PLUS FOUR MONTHS REVISED ESTIMATE	(5) (3)+(4) TOTAL TRUE-UP
1 TOTAL THERM SALES \$	E-4 Line 1 \$5,981,081	A-2 Line 6 \$5,630,854	Col.2 - Col.1 (\$350,227)	E-2 Line 6 \$6,605,332	Col.3 + Col.4 \$6,255,105
2 TRUE-UP PROVISION FOR THIS PERIOD OVER (UNDER) COLLECTION	E-4 Line 2 (\$7,427)	A-2 Line 7 (\$46,043)	Col.2 - Col.1 (\$38,616)	E-2 Line 7 (\$51,460)	Col.3 + Col.4 (\$90,076)
3 INTEREST PROVISION FOR THIS PERIOD	E-4 Line 3 (\$922)	A-2 Line 8 (\$1,256)	Col.2 - Col.1 (\$334)	E-2 Line 8 (\$4,044)	Col.3 + Col.4 (\$4,378)
4 END OF PERIOD TOTAL NET TRUE-UP	Line 2 + Line 3 (\$8,349)	Line 2 + Line 3 (\$47,299)	Col.2 - Col.1 (\$38,950)	Line 2 + Line 3 (\$55,504)	Col.3 + Col.4 (\$94,454)

**NOTE:** EIGHT MONTHS ACTUAL FOUR MONTHS REVISED ESTIMATE DATA OBTAINED FROM SCHEDULE (E-2).

COLUMN (1) DATA OBTAINED FROM SCHEDULE (E-4) PRIOR PERIOD	<u>TOTAL TRUE-UP DOLLARS</u>	equals	CENTS PER THERM TRUE-UP
COLUMN (2) DATA OBTAINED FROM SCHEDULE (A-2)	<u>PROJECTED THERM SALES</u>		
LINE 4 COLUMN (3) SAME AS LINE 7 SCHEDULE (A-7)			
LINE 4 COLUMN (1) SAME AS LINE 8 SCHEDULE (A-7)	<u>(\$94,454.05)</u>	=	-0.0040325
LINE 2 COLUMN (4) SAME AS LINE 7 SCHEDULE (E-2)	\$23,423,398.00		
LINE 3 COLUMN (4) SAME AS LINE 8 SCHEDULE (E-2)			



ESTIMATED FOR THE PROJECTED PERIOD:

APRIL 86 Through MARCH 87

THEM SALES PERIOD	MONTHS												TOTAL
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
RESIDENTIAL	73,804	47,243	44,183	44,183	44,183	44,183	47,243	60,204	147,205	198,728	154,688	117,297	1,004,149
COMMERCIAL	5,831	3,940	3,379	3,379	3,379	3,379	3,660	5,395	11,260	15,204	11,808	8,070	78,126
COMMERCIAL LARGE VOL. 1	20,794	13,497	12,459	12,459	12,459	12,459	13,497	18,728	41,527	58,084	49,805	30,223	291,728
COMMERCIAL LARGE VOL. 2	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL THEM SALES	100,000	65,000	60,000	60,000	60,000	60,000	65,000	86,000	200,000	270,000	210,000	160,000	1,455,000
NUMBER OF CUSTOMERS (UNITS)													
SMALL INTERRUPTIBLE	0	0	0	0	0	0	0	0	0	0	0	0	0
LARGE INTERRUPTIBLE	570,884	874,880	819,017	819,017	819,017	819,017	868,401	1,040,089	977,550	972,891	947,268	921,673	10,710,728
TOTAL INTERRUPTIBLE	1,740,000	1,798,000	1,740,000	1,740,000	1,740,000	1,740,000	1,798,000	1,740,000	1,798,000	1,798,000	1,694,000	1,798,000	21,176,000
RESIDENTIAL	2,800	2,315	2,240	2,240	2,240	2,240	2,324	3,015	3,015	3,015	3,015	3,015	32,085
COMMERCIAL	194	194	194	194	194	194	194	194	194	194	194	194	194
COMMERCIAL LARGE VOL. 1	50	50	50	50	50	50	50	50	50	50	50	50	50
COMMERCIAL LARGE VOL. 2	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL THEM SALES	2,800	2,315	2,240	2,240	2,240	2,240	2,324	3,015	3,015	3,015	3,015	3,015	32,085
NUMBER OF CUSTOMERS (UNITS)													
SMALL INTERRUPTIBLE	0	0	0	0	0	0	0	0	0	0	0	0	0
LARGE INTERRUPTIBLE	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL INTERRUPTIBLE	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL CUSTOMERS	3,144	2,182	3,188	3,213	3,228	3,263	3,278	3,288	3,303	3,303	3,318	3,333	32,523
THEM LINE FEES PER CUSTOMER													
RESIDENTIAL	26	18	15	15	15	15	15	23	46	66	50	38	344
COMMERCIAL	17	18	17	17	17	17	19	28	58	78	61	46	408
COMMERCIAL LARGE VOL. 1	415	270	249	249	249	249	270	305	831	1,121	872	604	5,826
COMMERCIAL LARGE VOL. 2	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
SMALL INTERRUPTIBLE	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
LARGE INTERRUPTIBLE	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
TOTAL THEM SALES	303,811	291,628	311,006	311,006	311,006	311,786	319,467	346,895	325,850	304,330	282,428	307,224	3,579,245
LARGE INTERRUPTIBLE	1,740,000	1,798,000	1,740,000	1,798,000	1,798,000	1,740,000	1,798,000	1,740,000	1,798,000	1,798,000	1,694,000	1,798,000	21,176,000