

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 010003-GU
DETERMINATION OF PURCHASED
GAS/COST RECOVERY FACTOR

Direct Testimony of
George M. Bachman
On Behalf of
Florida Public Utilities Company

- 1 Q. Please state your name and business address.
- 2 A. George M. Bachman, 401 South Dixie Highway, West Palm Beach, FL
3 33401.
- 4 Q. By whom are you employed?
- 5 A. I am employed by Florida Public Utilities Company.
- 6 Q. Have you previously testified in this Docket?
- 7 A. Yes.
- 8 Q. What is the purpose of your testimony at this time?
- 9 A. I will summarize our projected gas recoveries computations which
10 are contained in composite exhibit GMB-2 which supports the January
11 2002 - December 2002 projected purchased gas adjustments for our
12 consolidated gas division. In addition, I will advise the
13 Commission of the projected differences between the revenues
14 collected and the purchased gas costs allowed in developing the
15 levelized purchased gas adjustment for the periods January 2000 -
16 December 2000 and January 2001 - December 2001. From these periods
17 I will establish a "true-up" amount to be collected or refunded
18 during January 2002 - December 2002.
- 19 Q. Were the schedules filed by your Company completed under your
20 direction?
- 21 A. Yes.
- 22 Q. Which of the Staff's set of schedules has your company completed
23 and filed?
- 24 A. We have prepared and previously filed True-Up schedules A-1, A-

DOCUMENT NUMBER-DATE

12204 SEP 27 5

FPSC-COMMISSION CLERK

1 2, A-3, A-4, A-5, A-6, and A-7 in addition to filing composite
2 exhibit GMB-2 which contains Schedules E1, E1/R, E2, and E3, E4 and
3 E5 for our consolidated gas division. These schedules support the
4 calculation of the purchase gas adjustment factors for January 2002
5 - December 2002.

6 Q. Have the January 2001 - December 2001 projections been revised?

7 A. No.

8 Q. Why are the primary purchased gas adjustments issues?

9 A. The primary issues are as follows:

10 PURCHASED GAS ADJUSTMENT ISSUES

11 ISSUE 1: What is the appropriate final purchased gas adjustment
12 true-up amount for the period January 2000 through December 2000?

13 COMPANY POSITION: The final purchased gas adjustment true-up
14 amount for the period January 2000 - December 2000 is an under-
15 recovery of \$1,395,028.

16 ISSUE 2: What is the estimated purchased gas adjustment true-up
17 amount for the period January 2001 through December 2001?

18 COMPANY POSITION: We have estimated that we will have over-
19 recovered \$1,761,048 for the period January 2001 - December 2001.

20 ISSUE 3: What is the total purchased gas adjustment true-up amount
21 to be refunded during the period January 2002 through December
22 2002?

23 COMPANY POSITION: The total net over-recovery to be refunded
24 during the period January 2002 - December 2002 is \$366,020.

25 ISSUE 4: What is the appropriate levelized purchased gas
26 adjustment recovery (cap) factor for the period January 2002
27 through December 2002?

28 COMPANY POSITION: The Purchased Gas Cost Recovery Factor will be a
29 maximum of \$83.412¢ per therm.

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ISSUE 5: What should be the effective date of the new purchased gas adjustment charge for billing purposes?

COMPANY POSITION: The factor should be effective for all meter readings on or after January 1, 2002, beginning with the first or applicable billing cycle for the period January 2002 - December 2002.

Q. Does this conclude your testimony?

A. Yes.

Disk Fuel 1/97

Nov99-test.gb

COST OF GAS PURCHASED	PROJECTION												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1 COMMODITY (Pipeline)	12,907	13,307	11,853	9,523	13,797	9,208	7,823	7,401	7,171	8,906	7,898	10,231	120,025
2 NO NOTICE SERVICE	9,694	7,104	6,402	4,425	1,829	1,770	1,829	1,829	1,770	3,658	5,487	7,865	53,662
3 SWING SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COMMODITY (Other)	3,899,961	3,874,225	3,671,843	3,120,348	2,633,981	2,367,310	2,088,377	1,989,931	1,923,552	2,308,071	2,764,968	3,307,529	33,950,096
5 DEMAND	493,158	426,754	474,581	454,127	168,298	161,510	158,702	156,181	149,604	166,223	446,585	484,538	3,740,261
6 OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0
LESS END-USE CONTRACT													
7 COMMODITY (Pipeline)	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0
9													
10													
11 TOTAL COST (1+2+3+4+5+6)-(7+8+9+10)	4,415,720	4,321,390	4,164,679	3,588,423	2,817,905	2,539,798	2,256,731	2,155,342	2,082,097	2,486,858	3,224,938	3,810,163	37,864,044
12 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0
13 COMPANY USE	4,484	4,457	4,277	3,655	3,079	2,765	2,480	2,360	2,318	2,724	3,203	3,835	39,637
14 TOTAL THERM SALES	4,411,236	4,316,933	4,160,402	3,584,768	2,814,826	2,537,033	2,254,251	2,152,982	2,079,779	2,484,134	3,221,735	3,806,328	37,824,407
THERMS PURCHASED													
15 COMMODITY (Pipeline)	5,199,700	5,165,810	4,895,890	4,160,380	3,512,000	3,156,520	2,784,520	2,653,260	2,564,720	3,077,490	3,686,700	4,410,130	45,267,120
16 NO NOTICE SERVICE	1,643,000	1,204,000	1,085,000	750,000	310,000	300,000	310,000	310,000	300,000	620,000	930,000	1,333,000	9,095,000
17 SWING SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0
18 COMMODITY (Other)	5,199,700	5,165,810	4,895,890	4,160,380	3,512,000	3,156,520	2,784,520	2,653,260	2,564,720	3,077,490	3,686,700	4,410,130	45,267,120
19 DEMAND	8,033,030	5,537,840	6,173,650	5,651,700	3,395,740	3,259,500	3,125,420	3,078,610	2,949,000	3,369,390	5,242,200	7,614,840	57,430,920
20 OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0
LESS END-USE CONTRACT													
21 COMMODITY (Pipeline)	0	0	0	0	0	0	0	0	0	0	0	0	0
22 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0
23													
24 TOTAL PURCHASES (17+18+20)-(23) *	5,199,700	5,165,810	4,895,890	4,160,380	3,512,000	3,156,520	2,784,520	2,653,260	2,564,720	3,077,490	3,686,700	4,410,130	45,267,120
25 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0
26 COMPANY USE	9,680	9,640	9,260	7,910	6,710	6,000	5,370	5,110	5,010	5,900	6,950	8,310	85,850
27 TOTAL THERM SALES	5,190,020	5,156,170	4,886,630	4,152,470	3,505,290	3,150,520	2,779,150	2,648,150	2,559,710	3,071,590	3,679,750	4,401,820	45,181,270
CENTS PER THERM													
28 COMMODITY (Pipeline) (1/15)	0.248	0.258	0.242	0.229	0.393	0.292	0.281	0.279	0.280	0.289	0.214	0.232	0.265
29 NO NOTICE SERVICE (2/16)	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590
30 SWING SERVICE (3/17)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31 COMMODITY (Other) (4/18)	75.004	74.997	74.998	75.002	74.999	74.997	75.000	74.999	75.000	74.998	74.998	74.998	74.999
33 OTHER (6/20)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LESS END-USE CONTRACT													
34 COMMODITY Pipeline (7/21)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35 DEMAND (8/22)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36 (9/23)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37 TOTAL COST (11/24)	84.923	83.654	85.065	86.252	80.236	80.462	81.046	81.234	81.182	80.808	87.475	86.396	83.646
38 NET UNBILLED (12/25)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39 COMPANY USE (13/26)	46.322	46.234	46.188	46.207	45.887	46.083	46.182	46.184	46.267	46.169	46.086	46.149	46.170
40 TOTAL THERM SALES (11/27)	85.081	83.810	85.226	86.417	80.390	80.615	81.202	81.390	81.341	80.963	87.640	86.559	83.805
41 TRUE-UP (E 4)	(0.810)	(0.810)	(0.810)	(0.810)	(0.810)	(0.810)	(0.810)	(0.810)	(0.810)	(0.810)	(0.810)	(0.810)	(0.810)
42 TOTAL COST OF GAS (40+41)	84.271	83.000	84.416	85.606	79.580	79.805	80.392	80.580	80.531	80.153	86.830	85.749	82.995
43 REVENUE TAX FACTOR	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503
44 PGA FACTOR ADJUSTED FOR TAXES (42x43)	84.6943	83.4175	84.8405	86.0371	79.9802	80.2065	80.7965	80.9857	80.9361	80.5563	87.2668	86.1800	83.4121
45 PGA FACTOR ROUNDED TO NEAREST .001	84.694	83.417	84.840	86.037	79.980	80.207	80.796	80.986	80.936	80.556	87.267	86.180	83.412

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY PURCHASED GAS ADJUSTMENT COST RECOVERY CLAUSE CALCULATION SCHEDULE E-1/R
 REVISED ESTIMATE FOR THE PROJECTED PERIOD: JANUARY 2001 Through DECEMBER 2001

COST OF GAS PURCHASED	ACTUAL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1 COMMODITY (Pipeline)	23,945	15,996	17,944	9,046	9,261	7,332	7,602	7,378	12,821	13,833	13,943	16,160	155,261
2 NO NOTICE SERVICE	9,694	7,103	6,402	4,425	1,829	1,770	1,829	1,829	1,770	3,658	5,487	7,865	53,661
3 SWING SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COMMODITY (Other)	5,636,314	2,602,650	2,276,700	2,052,621	1,686,866	1,044,111	946,467	892,851	2,602,557	2,790,176	3,330,703	3,743,448	29,605,464
5 DEMAND	505,642	456,709	498,977	478,201	200,579	182,961	189,059	160,849	174,454	181,480	479,866	517,562	4,026,339
6 OTHER	12,500	0	(1,206)	(9,828)	0	0	0	0	2,385	2,557	3,052	3,431	12,891
LESS END-USE CONTRACT													
7 COMMODITY (Pipeline)	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0
9													
10													
11 TOTAL COST (1+2+3+4+5+6) (7+8+9+10)	6,188,095	3,082,458	2,798,817	2,534,465	1,898,535	1,236,174	1,144,957	1,062,907	2,793,987	2,991,704	3,833,051	4,288,466	33,853,616
12 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0
13 COMPANY USE	15,792	14,471	9,452	11,756	13,940	15,319	17,188	18,303	1,858	2,220	3,230	3,301	126,830
14 TOTAL THERM SALES	4,975,568	4,138,767	3,653,784	2,850,169	2,463,350	1,844,336	1,497,642	1,317,809	2,696,036	2,890,320	3,450,205	3,878,002	35,655,988
THERMS PURCHASED													
15 COMMODITY (Pipeline)	5,886,170	4,111,850	4,611,630	3,795,760	3,326,250	2,750,560	2,652,400	2,666,930	3,180,000	3,409,160	4,069,550	4,574,140	45,034,400
16 NO NOTICE SERVICE	1,643,000	1,204,000	1,085,000	750,000	310,000	300,000	310,000	310,000	300,000	620,000	930,000	1,333,000	9,095,000
17 SWING SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0
18 COMMODITY (Other)	5,886,170	4,111,850	4,618,460	3,795,760	3,333,170	2,787,480	2,652,400	2,664,160	3,180,000	3,409,160	4,069,550	4,574,140	45,082,300
19 DEMAND	6,968,800	7,778,400	7,061,800	4,734,000	4,010,780	3,581,400	3,390,780	3,213,460	3,281,400	3,423,330	4,734,000	7,061,800	59,239,950
20 OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0
LESS END-USE CONTRACT													
21 COMMODITY (Pipeline)	0	0	0	0	0	0	0	0	0	0	0	0	0
22 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0
23													
24 TOTAL PURCHASES (17+18+20)-(21+23)	5,886,170	4,111,850	4,618,460	3,795,760	3,333,170	2,787,480	2,652,400	2,664,160	3,180,000	3,409,160	4,069,550	4,574,140	45,082,300
25 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0
26 COMPANY USE	18,720	17,155	11,206	17,375	20,604	26,544	10,646	39,988	5,720	6,140	7,320	8,230	189,648
27 TOTAL THERM SALES (24-26 Estimated Only)	6,930,379	5,612,235	5,415,596	5,998,129	6,142,314	6,087,563	5,676,281	5,834,897	3,174,280	3,403,020	4,062,230	4,565,910	62,902,834
CENTS PER THERM													
28 COMMODITY (Pipeline) (1/15)	0.407	0.389	0.389	0.238	0.278	0.267	0.287	0.277	0.403	0.406	0.343	0.353	0.345
29 NO NOTICE SERVICE (2/16)	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590
30 SWING SERVICE (3/17)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31 COMMODITY (Other) (4/18)	95.755	63.296	49.296	54.077	50.608	37.457	35.683	33.513	81.841	81.844	81.845	81.839	65.670
32 DEMAND (5/19)	7.256	5.872	7.066	10.101	5.001	5.109	5.576	5.005	5.316	5.301	10.137	7.329	6.797
33 OTHER (6/20)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LESS END-USE CONTRACT													
34 COMMODITY Pipeline (7/21)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35 DEMAND (8/22)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36 (9/23)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37 TOTAL COST (11/24)	105.129	74.965	60.601	66.771	56.959	44.347	43.167	39.897	87.861	87.755	94.189	93.755	75.093
38 NET UNBILLED (12/25)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39 COMPANY USE (13/26)	84.359	84.354	84.348	67.660	67.657	57.712	161.450	45.771	32.483	36.156	44.126	40.109	66.877
40 TOTAL THERM SALES (11/27)	89.289	54.924	51.681	42.254	30.909	20.307	20.171	18.216	88.020	87.913	94.358	93.924	53.819
41 TRUE-UP (E-2)	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069
42 TOTAL COST OF GAS (40+41)	89.358	54.993	51.750	42.323	30.978	20.376	20.240	18.285	88.089	87.982	94.427	93.993	53.888
43 REVENUE TAX FACTOR	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503	1.00503
44 PGA FACTOR ADJUSTED FOR TAXES (42x43)	89.8079	55.2695	52.0100	42.5361	31.1339	20.4780	20.3417	18.3774	88.5316	88.4248	94.9023	94.4654	54.1590
45 PGA FACTOR ROUNDED TO NEAREST .001	89.808	55.27	52.01	42.536	31.134	20.478	20.342	18.377	88.532	88.425	94.902	94.465	54.159

FOR THE CURRENT PERIOD: JANUARY 2001 Through DECEMBER 2001

	-----ACTUAL-----						-----ORIGINAL PROJECTION-----						TOTAL PERIOD
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TRUE-UP CALCULATION													
1 PURCHASED GAS COST	5,636,314	2,602,650	2,276,700	2,052,621	1,686,866	1,044,111	946,467	892,851	2,602,557	2,790,176	3,330,703	3,743,448	29,605,464
2 TRANSPORTATION COST & OTHER	551,781	479,808	522,117	481,844	211,669	192,063	198,490	170,056	191,430	201,528	502,348	545,018	4,248,152
3 TOTAL	6,188,095	3,082,458	2,798,816	2,534,465	1,898,535	1,236,174	1,144,957	1,062,907	2,793,987	2,991,704	3,833,051	4,288,466	33,853,615
4 FUEL REVENUES (NET OF REVENUE TAX)	4,975,568	4,138,767	3,653,784	2,850,169	2,463,350	1,844,336	1,497,642	1,317,809	2,696,036	2,890,320	3,450,205	3,878,002	35,655,988
5 TRUE-UP (COLLECTED) OR REFUNDED	(2,774)	(2,774)	(2,774)	(2,774)	(2,774)	(2,774)	(2,774)	(2,774)	(2,774)	(2,774)	(2,774)	(2,765)	(33,279)
6 FUEL REVENUE APPLICABLE TO PERIOD (LINE 4 (+ or -) LINE 5)	4,972,794	4,135,993	3,651,010	2,847,395	2,460,576	1,841,562	1,494,868	1,315,035	2,693,262	2,887,546	3,447,431	3,875,237	35,622,709
7 TRUE-UP PROVISION - THIS PERIOD (LINE 6 - LINE 3)	(1,215,301)	1,053,535	852,194	312,930	562,041	605,388	349,911	252,128	(100,725)	(104,158)	(385,620)	(413,229)	1,769,094
8 INTEREST PROVISION-THIS PERIOD (21)	(10,215)	(9,465)	(4,977)	(2,328)	(549)	1,379	2,830	3,617	3,753	3,476	2,786	1,647	(8,046)
9 BEGINNING OF PERIOD TRUE-UP AND INTEREST	(1,428,307)	(2,651,049)	(1,604,205)	(754,214)	(440,838)	123,428	732,969	1,088,484	1,347,003	1,252,805	1,154,897	774,837	(1,428,307)
10 TRUE-UP COLLECTED OR (REFUNDED) (REVERSE OF LINE 5)	2,774	2,774	2,774	2,774	2,774	2,774	2,774	2,774	2,774	2,774	2,774	2,765	33,279
10a FLEX RATE REFUND (if applicable)													0
11 TOTAL ESTIMATED/ACTUAL TRUE-UP (7+8+9+10+10a)	(2,651,049)	(1,604,205)	(754,214)	(440,838)	123,428	732,969	1,088,484	1,347,003	1,252,805	1,154,897	774,837	366,020	366,020
INTEREST PROVISION													
12 BEGINNING TRUE-UP AND INTEREST PROVISION (9)	(1,428,307)	(2,651,049)	(1,604,205)	(754,214)	(440,838)	123,428	732,969	1,088,484	1,347,003	1,252,805	1,154,897	774,837	(1,428,307)
13 ENDING TRUE-UP BEFORE INTEREST (12+7.5)	(2,640,834)	(1,594,740)	(749,237)	(438,510)	123,977	731,590	1,085,654	1,343,386	1,249,052	1,151,421	772,051	364,373	374,066
14 TOTAL (12+13)	(4,069,141)	(4,245,789)	(2,353,442)	(1,192,724)	(316,861)	855,018	1,818,623	2,431,870	2,596,055	2,404,226	1,926,948	1,139,210	(1,054,241)
15 AVERAGE (50% OF 14)	(2,034,571)	(2,122,895)	(1,176,721)	(596,362)	(158,431)	427,509	909,312	1,215,935	1,298,028	1,202,113	963,474	569,605	(527,121)
16 INTEREST RATE - FIRST DAY OF MONTH	6 5000%	5.5500%	5 1500%	5 0000%	4 3700%	3.9400%	3 8000%	3.6700%	3.4700%	3.4700%	3 4700%	3 4700%	
17 INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	5.5500%	5.1500%	5 0000%	4.3700%	3 9400%	3 8000%	3 6700%	3 4700%	3.4700%	3.4700%	3.4700%	3 4700%	
18 TOTAL (16+17)	12 0500%	10 7000%	10 1500%	9.3700%	8.3100%	7 7400%	7.4700%	7.1400%	6 9400%	6.9400%	6 9400%	6 9400%	
19 AVERAGE (50% OF 18)	6.0250%	5 3500%	5.0750%	4.6850%	4.1550%	3.8700%	3 7350%	3 5700%	3 4700%	3.4700%	3 4700%	3 4700%	
20 MONTHLY AVERAGE (19/12 Months)	0.502%	0.446%	0 423%	0 390%	0 346%	0 323%	0.311%	0.298%	0.289%	0.289%	0 289%	0.289%	
21 INTEREST PROVISION (15x20)	(10,215)	(9,465)	(4,977)	(2,328)	(549)	1,379	2,830	3,617	3,753	3,476	2,786	1,647	

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY

TRANSPORTATION PURCHASES
SYSTEM SUPPLY AND END USE

SCHEDULE E-3

ESTIMATED FOR THE PROJECTED PERIOD OF:

JANUARY 2002 Through DECEMBER 2002

MONTH	PURCHASED FROM	PURCHASED FOR	SCH TYPE	SYSTEM SUPPLY	END USE	COMMODITY COST			DEMAND COST	OTHER CHARGES ACA/GRI/FUEL	TOTAL CENTS PER THERM
						TOTAL PURCHASED	THIRD PARTY	PIPELINE			
JANUARY	VARIOUS	SYS SUPPLY	N/A	5,199,700	0	5,199,700	3,899,961	12,907	502,852	INCLUDED IN COST	84.92
FEBRUARY	VARIOUS	SYS SUPPLY	N/A	5,165,810	0	5,165,810	3,874,225	13,307	433,858	INCLUDED IN COST	83.65
MARCH	VARIOUS	SYS SUPPLY	N/A	4,895,890	0	4,895,890	3,671,843	11,853	480,983	INCLUDED IN COST	85.06
APRIL	VARIOUS	SYS SUPPLY	N/A	4,160,380	0	4,160,380	3,120,348	9,523	458,552	INCLUDED IN COST	86.25
MAY	VARIOUS	SYS SUPPLY	N/A	3,512,000	0	3,512,000	2,633,981	13,797	170,127	INCLUDED IN COST	80.24
JUNE	VARIOUS	SYS SUPPLY	N/A	3,156,520	0	3,156,520	2,367,310	9,208	163,280	INCLUDED IN COST	80.46
JULY	VARIOUS	SYS SUPPLY	N/A	2,784,520	0	2,784,520	2,088,377	7,823	160,531	INCLUDED IN COST	81.05
AUGUST	VARIOUS	SYS SUPPLY	N/A	2,653,260	0	2,653,260	1,989,931	7,401	158,010	INCLUDED IN COST	81.23
SEPTEMBER	VARIOUS	SYS SUPPLY	N/A	2,564,720	0	2,564,720	1,923,552	7,171	151,374	INCLUDED IN COST	81.18
OCTOBER	VARIOUS	SYS SUPPLY	N/A	3,077,490	0	3,077,490	2,308,071	8,906	169,881	INCLUDED IN COST	80.81
NOVEMBER	VARIOUS	SYS SUPPLY	N/A	3,686,700	0	3,686,700	2,764,968	7,898	452,072	INCLUDED IN COST	87.47
DECEMBER	VARIOUS	SYS SUPPLY	N/A	4,410,130	0	4,410,130	3,307,529	10,231	492,403	INCLUDED IN COST	86.40
TOTAL				45,267,120	0	45,267,120	33,950,096	120,025	3,793,923		83.65

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY		CALCULATION OF TRUE-UP AMOUNT PROJECTED PERIOD			SCHEDULE E-4			
ESTIMATED FOR THE PROJECTED PERIOD:		JANUARY 2002		Through		DECEMBER 2002		
		PRIOR PERIOD: JANUARY 2000 - DECEMBER 2000			CURRENT PERIOD: JAN 01 - DEC 01			
		(1) EIGHT MONTHS ACTUAL PLUS FOUR MONTHS 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 \$		\$21,012,762	\$20,929,275	(\$83,487)	\$35,622,709	\$35,539,222		
2 TRUE-UP PROVISION FOR THIS PERIOD OVER (UNDER) COLLECTION		\$26,701	(\$1,363,248)	(\$1,389,949)	\$1,769,094	\$379,145		
3 INTEREST PROVISION FOR THIS PERIOD		7,176	2,097	(5,079)	(\$8,046)	(13,125)		
4 END OF PERIOD TOTAL NET TRUE-UP		\$33,877	(\$1,361,151)	(\$1,395,028)	\$1,761,048	\$366,020		
TOTAL TRUE-UP DOLLARS						\$366,020		
PROJECTED THERM SALES FOR JANUARY 2002 - DECEMBER 2002						45,181,270		
CENTS PER THERM NECESSARY TO REFUND OVERRECOVERY						0.810		
NOTE:		EIGHT MONTHS ACTUAL FOUR MONTHS ESTIMATE DATA OBTAINED FROM SCHEDULE (E-2).						

COMPANY:		FLORIDA PUBLIC UTILITIES COMPANY											THERM SALES AND CUSTOMER DATA		SCHEDULE E-5	
ESTIMATED FOR THE PROJECTED PERIOD:		JANUARY 2002											Through		DECEMBER 2002	
UPDATED																
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL		
THERM SALES (FIRM)																
GENERAL SERVICE (11)		1,409,700	1,445,560	1,351,920	1,097,560	857,150	718,110	694,820	581,370	632,410	806,300	1,112,570	1,322,290	12,029,760		
OUTDOOR LIGHTING (21)														0		
RESIDENTIAL (31)		1,453,330	1,434,250	1,255,180	945,640	749,580	541,940	471,240	461,630	459,990	660,660	865,320	1,220,230	10,518,990		
LARGE VOLUME (51)		2,167,930	2,131,310	2,123,410	1,965,290	1,787,420	1,786,830	1,506,310	1,501,820	1,367,030	1,504,490	1,595,600	1,751,860	21,189,300		
OTHER		0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTAL FIRM		5,030,960	5,011,120	4,730,510	4,008,490	3,394,150	3,046,880	2,672,370	2,544,820	2,459,430	2,971,450	3,573,490	4,294,380	43,738,050		
THERM SALES (INTERRUPTIBLE)																
INTERRUPTIBLE (61)		159,060	145,050	156,120	143,980	111,140	103,640	106,780	103,330	100,280	100,140	106,260	107,440	1,443,220		
FIRM TRANSPORT (91)		545,530	546,070	544,440	539,470	582,710	580,080	543,610	589,340	590,770	642,210	649,110	653,830	7,007,170		
INTERR TRANSPORT (92)		343,200	294,540	343,640	342,760	342,380	341,660	341,590	342,850	341,650	341,580	342,560	343,210	4,061,620		
LARGE VOLUME INT (93)		1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	22,019,760		
LESS: TRANSPORTATION		(2,723,710)	(2,675,590)	(2,723,060)	(2,717,210)	(2,760,070)	(2,756,720)	(2,720,180)	(2,767,170)	(2,767,400)	(2,818,770)	(2,826,650)	(2,832,020)	(33,088,550)		
TOTAL INTERRUPTIBLE		159,060	145,050	156,120	143,980	111,140	103,640	106,780	103,330	100,280	100,140	106,260	107,440	1,443,220		
TOTAL THERM SALES		5,190,020	5,156,170	4,886,630	4,152,470	3,505,290	3,150,520	2,779,150	2,648,150	2,559,710	3,071,590	3,679,750	4,401,820	45,181,270		
NUMBER OF CUSTOMERS (FIRM)																
GENERAL SERVICE (11)		2,932	2,983	2,977	2,980	2,982	2,969	2,971	2,986	3,000	3,064	3,029	3,051	2,994		
OUTDOOR LIGHTING (21)														0		
RESIDENTIAL (31)		37,850	37,966	37,982	37,900	37,686	37,500	37,577	37,210	37,221	37,311	37,546	37,923	37,639		
LARGE VOLUME (51)		1,008	1,023	1,026	1,027	1,031	1,040	947	935	922	928	933	928	979		
OTHER		0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTAL FIRM		41,790	41,972	41,985	41,907	41,699	41,509	41,495	41,131	41,143	41,303	41,508	41,902	41,612		
NUMBER OF CUSTOMERS (INT.)																
INTERRUPTIBLE (61)		7	7	7	7	6	6	6	6	6	6	6	6	6		
FIRM TRANSPORT (91)		70	71	72	73	75	76	76	78	80	82	83	84	77		
INTERR TRANSPORT (92)		8	7	8	8	8	8	8	8	8	8	8	8	8		
LARGE VOLUME INT (93)		1	1	1	1	1	1	1	1	1	1	1	1	1		
TOTAL INTERRUPTIBLE		86	86	88	89	90	91	91	93	95	97	98	99	92		
TOTAL CUSTOMERS		41,876	42,058	42,073	41,996	41,789	41,600	41,586	41,224	41,238	41,400	41,606	42,001	41,704		
THERM USE PER CUSTOMER																
GENERAL SERVICE (11)		481	485	454	368	287	242	234	195	211	263	367	433	4,018		
OUTDOOR LIGHTING (21)		0	0	0	0	0	0	0	0	0	0	0	0	0		
RESIDENTIAL (31)		38	38	33	25	20	14	13	12	12	18	23	32	279		
LARGE VOLUME (51)		2,151	2,083	2,070	1,914	1,734	1,718	1,591	1,606	1,483	1,621	1,710	1,888	21,644		
OTHER (81)																
INTERRUPTIBLE (61)		22,723	20,721	22,303	20,569	18,523	17,273	17,797	17,222	16,713	16,690	17,710	17,907	227,877		
FIRM TRANSPORT (91)		7,793	7,691	7,562	7,390	7,769	7,633	7,153	7,556	7,385	7,832	7,821	7,784	91,398		
INTERR TRANSPORT (92)		42,900	42,077	42,955	42,845	42,798	42,708	42,699	42,856	42,706	42,698	42,820	42,901	513,047		
LARGE VOLUME INT (93)		1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	1,834,980	22,019,760		