

ORIGINAL

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 000003-GU
DETERMINATION OF PURCHASED
GAS/COST RECOVERY FACTOR

Direct Testimony of
Marc L. Schneidermann
on Behalf of
Florida Public Utilities Company

- 1 Q. Please state your name and business address.
- 2 A. Marc L. Schneidermann, 401 South Dixie Highway,
3 West Palm Beach, FL 33402.
- 4 Q. By whom are you employed and in what capacity?
- 5 A. I am employed by Florida Public Utilities Company
6 (FPU) as the West Palm Beach Division Manager.
- 7 Q. How long have you been employed by FPU?
- 8 A. Since February 1989.
- 9 Q. Have you previously testified before this
10 Commission?
- 11 A. Yes, I testified in each of the Company's Purchased
12 Gas Cost Recovery Dockets dating back to Docket
13 Number 910003-GU, as well as Docket Numbers 940620-
14 GU and 900151-GU, the Company's last two (2)
15 filings for rate relief for its gas operations.
- 16 Q. What are the subject matters of your testimony in
17 this proceeding?
- 18 A. My testimony will relate to four (4) specific
19 matters: forecasts of gas sales, forecasts of the

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FPSC-RECORDS/REPORTING

1 pipeline charges, the forecast of commodity costs
2 of natural gas to be purchased by the Company and
3 the Company's position on the support of the Gas
4 Technology Institute, "GTI" (previously known as
5 the Gas Research Institute, "GRI").

6 Q. What is the projection period for this filing?

7 A. The projection period starts on January 1, 2001 and
8 ends on December 31, 2001.

9 Q. Please generally describe how the forecasts of gas
10 sales were developed for the projection period.

11 A. Florida Public Utilities developed its gas sales
12 projections based on a January 1996 through June
13 2000 study period. The Company compiled a
14 database, sorted by rate classifications, which
15 consisted of the historical monthly customer
16 consumption and the historical monthly customer
17 counts experienced during the study period.
18 Detailed analyses were performed on the database.
19 From these data, projections of customer counts
20 were constructed by applying the historical average
21 monthly rates of customer growth to the actual June
22 2000 customer count. June 2000 is set as a pivot
23 point to ensure consistency between this filing and
24 the Company's budget preparation procedures. The

1 historical average monthly consumption per
2 customer, by rate classification, was computed as
3 part of this study. The product of the projected
4 monthly customer count and historical average
5 monthly consumption, by rate classification,
6 yielded the Company's projection of gas
7 requirements. Adjustments were made by the
8 Company's Marketing Department for variations in
9 growth which were not adequately represented by
10 historical trends. Gas requirements for company
11 use were based on historical factors developed by
12 the Company's Accounting Department. These
13 projections were compiled and sorted to determine
14 the total projected sales to the traditional non-
15 transportation firm and the interruptible classes
16 of customers for the twelve month period of this
17 filing.

18 Q. Please describe how the forecasts of pipeline
19 charges and commodity costs of gas were developed
20 for the projection period.

21 A. The purchases for the gas cost projection model
22 were based on using Marketing's projection of
23 sales. Florida Gas Transmission Company's (FGT)
24 FTS-1, FTS-2, NNTS-1 and ITS-1 effective charges

1 (including surcharges) and fuel rates, at the time
2 the projections were made, were used for the entire
3 projection period. The expected cost of natural
4 gas purchased by FPU and delivered to FGT, for
5 transportation to the Company and for FGT's fuel
6 use factor, during the projection period was
7 developed using the highest monthly New York
8 Mercantile Exchange (NYMEX) natural gas futures
9 closing prices for like months since June 1993,
10 which we then inflated due to the dramatic pricing
11 volatility. The forecasts of the commodity cost of
12 gas also takes into account the average basis
13 differential between the NYMEX projections and
14 historic cash markets as well as premiums and
15 discounts, by zone, for term gas supplies.

16 Q. Please describe how the forecasts of the weighted
17 average costs of gas were developed for the
18 projection period.

19 A. FPU's sales to traditional and non-transportation
20 firm and interruptible customers were allocated all
21 of the monthly pipeline demand costs and were
22 allocated all of the projected pipeline and
23 supplier commodity costs. The sum of these costs
24 were divided by the projected sales level to said

1 customers resulting in the projected weighted
2 average cost of gas for traditional non-
3 transportation firm customers and interruptible
4 customers and ultimately the Purchased Gas Cost
5 Recovery Factor (PGCRF) shown on Schedule E-1.
6 Capacity shortfalls, if any, would be satisfied
7 with the most economic dispatch combination of
8 acquired capacity relinquished by another FGT
9 shipper and/or gas and capacity repackaged and
10 delivered by another FGT capacity holder.
11 Obviously, if other services become available and
12 it is more economic to dispatch supplies under
13 those services, the Company will utilize those
14 services as part of its portfolio.

15 Q. Please discuss the Gas Technology Institute support
16 included in the PGCRF calculation.

17 A. The Gas Technology Institute ("GTI" or "Institute"),
18 was formerly known as the Gas Research Institute
19 ("GRI" or "Institute"). The funding for the
20 Institute was collected by pipelines from its
21 shippers (customers), at FERC approved unit
22 surcharge rates, and was remitted by pipelines to
23 the Institute. The Institute is a national, non-
24 profit cooperative enterprise performing research

1 and development activities designed to increase gas
2 supply, enhance public safety and improve energy
3 efficiency in the use of natural gas. Since the
4 surcharges were contained in the FERC approved
5 wholesale pipeline rates, they have been and are,
6 included in prior PGCRF filings by Florida Public
7 Utilities Company. Starting 1999, FERC has reduced
8 the surcharge levels and expected the Institute to
9 collect funding directly from pipeline customers.
10 The FERC approved Institute surcharge ratchets
11 downward starting with 1999 until the funding
12 collected through the pipelines reaches zero as of
13 2004 and beyond. FPU compared the change in the
14 unit surcharge collected directly by the pipeline
15 in 1998 to the FERC approved 2001 unit surcharge.
16 The delta between 1998 to 2001 represents a need to
17 add \$0.0075 per Dth within the PGCRF to keep the
18 Institute's funding level equal to the 1998 funding
19 level for all gas transported by FPU. As such, FPU
20 has included an incremental \$0.0075 per Dth within
21 this PGCRF filing.

22 Q. Does this conclude your prepared direct testimony?

23 A. Yes.

24

COST OF GAS PURCHASED	PROJECTION												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1 COMMODITY (Pipeline)	16,534	15,144	15,742	12,708	12,762	13,152	11,772	11,250	11,231	12,130	11,907	13,873	158,205
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)	3,900,237	3,559,858	3,760,301	3,193,522	2,668,459	2,723,779	2,493,832	2,401,549	2,385,017	2,556,817	3,052,100	3,430,677	36,126,148
5 DEMAND	545,028	483,884	503,717	488,236	205,094	198,478	181,825	181,825	175,960	183,047	483,946	521,778	4,152,818
6 OTHER	3,900	3,560	3,760	3,194	2,669	2,724	2,494	2,402	2,385	2,557	3,052	3,431	36,128
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)	4,475,393	4,069,550	4,289,922	3,702,085	2,890,813	2,939,903	2,691,752	2,598,855	2,576,363	2,758,209	3,556,492	3,977,624	40,526,961
12 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0
13 COMPANY USE	4,413	3,128	3,416	2,936	1,933	2,060	1,948	1,781	1,858	2,220	3,230	3,301	32,224
14 TOTAL THERM SALES	4,470,980	4,066,422	4,286,506	3,699,149	2,888,880	2,937,843	2,689,804	2,597,074	2,574,505	2,755,989	3,553,262	3,974,323	40,494,737
THERMS PURCHASED													
15 COMMODITY (Pipeline)	5,200,280	4,746,510	5,013,700	4,258,000	3,558,020	3,631,780	3,325,040	3,202,130	3,180,000	3,409,160	4,069,550	4,574,140	48,168,310
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)	5,200,280	4,746,510	5,013,700	4,258,000	3,558,020	3,631,780	3,325,040	3,202,130	3,180,000	3,409,160	4,069,550	4,574,140	48,168,310
19 DEMAND	8,611,800	6,658,400	6,131,800	4,734,000	4,010,780	3,881,400	3,390,780	3,390,780	3,281,400	3,423,330	4,734,000	7,061,800	59,310,270
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) *	5,200,280	4,746,510	5,013,700	4,258,000	3,558,020	3,631,780	3,325,040	3,202,130	3,180,000	3,409,160	4,069,550	4,574,140	48,168,310
25 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0
26 COMPANY USE	9,360	8,550	9,020	7,660	6,400	6,540	5,980	5,760	5,720	6,140	7,320	8,230	86,680
27 TOTAL THERM SALES	5,190,920	4,737,960	5,004,680	4,250,340	3,551,620	3,625,240	3,319,060	3,196,370	3,174,280	3,403,020	4,062,230	4,565,910	48,081,630
CENTS PER THERM													
28 COMMODITY (Pipeline) (1/15)	0.318	0.319	0.314	0.298	0.359	0.362	0.354	0.351	0.353	0.356	0.293	0.303	0.328
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)	75.001	74.999	75.001	75.001	74.998	74.998	75.002	74.998	75.001	74.998	74.998	75.002	75.000
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)	86.061	85.738	85.564	86.944	81.248	80.949	80.954	81.160	81.018	80.906	87.393	86.959	84.136
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)	47.147	36.585	37.871	38.329	30.203	31.498	32.575	30.920	32.483	36.156	44.126	40.109	37.176
40 TOTAL THERM SALES (11/27)	86.216	85.892	85.718	87.101	81.394	81.095	81.100	81.306	81.164	81.052	87.550	87.116	84.288
41 TRUE-UP (E-4)	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)	86.285	85.962	85.787	87.170	81.463	81.165	81.169	81.376	81.233	81.121	87.619	87.185	84.357
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)	86.7186	86.3941	86.2189	87.6086	81.8732	81.5729	81.5773	81.7850	81.6415	81.5291	88.0602	87.6234	84.7814
45 PGA FACTOR ROUNDED TO NEAREST .001	86.719	86.394	86.219	87.609	81.873	81.573	81.577	81.785	81.642	81.529	88.060	87.623	84.781

COST OF GAS PURCHASED	ACTUAL								WITH MID-COURSE CORRECTION APPROVED				TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1 COMMODITY (Pipeline)	16,851	16,470	14,323	12,359	11,528	9,728	8,922	9,617	9,712	10,602	10,423	12,047	142,582
2 NO NOTICE SERVICE	9,694	7,357	6,402	4,425	1,829	1,770	1,829	1,829	1,770	3,658	5,487	7,865	53,915
3 SWING SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COMMODITY (Other)	1,201,209	1,204,831	1,056,076	1,178,167	1,057,195	1,267,933	1,083,004	1,107,750	1,337,133	1,679,459	2,092,270	2,376,985	16,642,012
5 DEMAND	546,134	473,114	500,022	483,903	205,094	198,478	181,825	181,825	177,735	184,885	488,280	526,257	4,147,552
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)	1,773,888	1,701,772	1,576,823	1,678,854	1,275,646	1,477,909	1,275,580	1,301,021	1,526,350	1,878,604	2,596,460	2,923,154	20,986,061
12 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0
13 COMPANY USE	1,550	1,068	1,756	2,066	2,665	4,622	5,302	5,071	2,024	2,763	3,802	4,777	37,466
14 TOTAL THERM SALES	1,660,877	1,911,047	1,630,525	1,540,055	1,329,349	1,592,210	1,410,637	1,395,998	1,412,626	1,526,905	2,618,454	2,917,023	20,945,306
THERMS PURCHASED													
15 COMMODITY (Pipeline)	4,970,960	4,794,240	4,242,680	3,880,270	3,253,650	2,817,400	2,652,400	2,816,040	2,822,430	3,049,960	3,720,240	4,144,440	43,164,710
16 NO NOTICE SERVICE	1,643,000	1,247,000	1,085,000	750,000	310,000	300,000	310,000	310,000	300,000	620,000	930,000	1,333,000	9,138,000
17 SWING SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0
18 COMMODITY (Other)	4,978,710	4,794,240	4,240,690	3,880,270	2,923,290	2,845,320	2,652,400	2,715,870	2,822,430	3,049,960	3,720,240	4,144,440	42,767,860
19 DEMAND	8,611,800	3,848,996	6,131,800	4,734,000	4,010,780	3,881,400	3,390,780	3,390,780	3,281,400	3,423,330	4,734,000	7,061,800	56,500,866
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)	4,978,710	4,794,240	4,240,690	3,880,270	2,923,290	2,845,320	2,652,400	2,715,870	2,822,430	3,049,960	3,720,240	4,144,440	42,767,860
25 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0
26 COMPANY USE	4,452	2,939	4,834	5,687	6,532	9,283	10,646	10,182	5,080	5,490	6,690	7,460	79,275
27 TOTAL THERM SALES (24-26 Estimated Only)	6,809,576	7,039,991	6,499,106	6,306,783	6,523,677	6,096,498	5,676,281	5,877,481	2,817,350	3,044,470	3,713,550	4,136,980	64,541,743
CENTS PER THERM													
28 COMMODITY (Pipeline) (1/15)	0.339	0.344	0.338	0.319	0.354	0.345	0.336	0.342	0.344	0.348	0.280	0.291	0.330
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)	24.127	25.131	24.903	30.363	36.165	44.562	40.831	40.788	47.375	55.065	56.240	57.354	38.912
32 DEMAND (5/19)	6.342	12.292	8.155	10.222	5.114	5.114	5.362	5.362	5.416	5.401	10.314	7.452	7.341
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)	35.629	35.496	37.183	43.266	43.637	51.942	48.092	47.904	54.079	61.594	69.793	70.532	49.070
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)	34.816	36.339	36.326	36.328	40.799	49.790	49.803	49.804	39.843	50.328	56.831	64.035	47.261
40 TOTAL THERM SALES (11/27)	26.050	24.173	24.262	26.620	19.554	24.242	22.472	22.136	54.177	61.705	69.919	70.659	32.515
41 TRUE-UP (E-2)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)
42 TOTAL COST OF GAS (40+41)	25.895	24.018	24.107	26.465	19.399	24.087	22.317	21.981	54.022	61.550	69.764	70.504	32.360
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)	26.0252	24.1387	24.2284	26.5979	19.4967	24.2081	22.4294	22.0913	54.2935	61.8601	70.1145	70.8588	32.5233
45 PGA FACTOR ROUNDED TO NEAREST .001	26.025	24.139	24.228	26.598	19.497	24.208	22.429	22.091	54.294	61.86	70.114	70.859	32.523

FOR THE CURRENT PERIOD:

JANUARY 2000

Through

DECEMBER 2000

	ACTUAL												TOTAL PERIOD
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TRUE-UP CALCULATION													
1 PURCHASED GAS COST	1,201,209	1,204,831	1,056,076	1,178,167	1,057,195	1,267,933	1,083,004	1,107,750	1,337,133	1,679,459	2,092,270	2,376,985	16,642,012
2 TRANSPORTATION COST & OTHER	572,679	496,941	520,747	500,687	218,451	209,976	192,576	193,271	189,217	199,145	504,190	546,169	4,344,049
3 TOTAL	1,773,888	1,701,772	1,576,823	1,678,854	1,275,646	1,477,909	1,275,580	1,301,021	1,526,350	1,878,604	2,596,460	2,923,154	20,986,061
4 FUEL REVENUES (NET OF REVENUE TAX)	1,660,877	1,911,047	1,630,525	1,540,055	1,329,349	1,592,210	1,410,637	1,395,998	1,412,626	1,526,505	2,618,454	2,917,023	20,945,306
5 TRUE-UP (COLLECTED) OR REFUNDED	5,621	5,621	5,621	5,621	5,621	5,621	5,621	5,621	5,621	5,621	5,621	5,621	67,456
6 FUEL REVENUE APPLICABLE TO PERIOD (LINE 4 (+ or -) LINE 5)	1,666,498	1,916,668	1,636,146	1,545,676	1,334,970	1,597,831	1,416,258	1,401,619	1,418,247	1,532,126	2,624,075	2,922,648	21,012,762
7 TRUE-UP PROVISION - THIS PERIOD (LINE 6 - LINE 3)	(107,390)	214,896	59,323	(133,178)	59,324	119,922	140,678	100,598	(108,103)	(346,478)	27,615	(506)	26,701
8 INTEREST PROVISION-THIS PERIOD (21)	(267)	(40)	609	414	207	675	1,355	1,974	1,931	684	(204)	(162)	7,176
9 BEGINNING OF PERIOD TRUE-UP AND INTEREST	300	(112,978)	96,257	150,568	12,183	66,093	181,069	317,481	414,432	302,639	(48,776)	(26,986)	300
10 TRUE-UP COLLECTED OR (REFUNDED) (REVERSE OF LINE 5)	(5,621)	(5,621)	(5,621)	(5,621)	(5,621)	(5,621)	(5,621)	(5,621)	(5,621)	(5,621)	(5,621)	(5,625)	(67,456)
10a FLEX RATE REFUND (if applicable)													0
11 TOTAL ESTIMATED/ACTUAL TRUE-UP (7+8+9+10+10a)	(112,978)	96,257	150,568	12,183	66,093	181,069	317,481	414,432	302,639	(48,776)	(26,986)	(33,279)	(33,279)
INTEREST PROVISION													
12 BEGINNING TRUE-UP AND INTEREST PROVISION (9)	300	(112,978)	96,257	150,568	12,183	66,093	181,069	317,481	414,432	302,639	(48,776)	(26,986)	300
13 ENDING TRUE-UP BEFORE INTEREST (12+7-5)	(112,711)	96,297	149,959	11,769	65,886	180,394	316,126	412,458	300,708	(49,460)	(26,782)	(33,117)	(40,455)
14 TOTAL (12+13)	(112,411)	(16,681)	246,216	162,337	78,069	246,487	497,195	729,939	715,140	253,179	(75,558)	(60,103)	(40,155)
15 AVERAGE (50% OF 14)	(56,206)	(8,341)	123,108	81,169	39,035	123,244	248,598	364,970	357,570	126,590	(37,779)	(30,052)	(20,078)
16 INTEREST RATE - FIRST DAY OF MONTH	5.6000%	5.8000%	5.8000%	6.0700%	6.1800%	6.5700%	6.5800%	6.5000%	6.4800%	6.4800%	6.4800%	6.4800%	6.4800%
17 INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	5.8000%	5.8000%	6.0700%	6.1800%	6.5700%	6.5800%	6.5000%	6.4800%	6.4800%	6.4800%	6.4800%	6.4800%	6.4800%
18 TOTAL (16+17)	11.4000%	11.6000%	11.8700%	12.2500%	12.7500%	13.1500%	13.0800%	12.9800%	12.9600%	12.9600%	12.9600%	12.9600%	12.9600%
19 AVERAGE (50% OF 18)	5.7000%	5.8000%	5.9350%	6.1250%	6.3750%	6.5750%	6.5400%	6.4900%	6.4800%	6.4800%	6.4800%	6.4800%	6.4800%
20 MONTHLY AVERAGE (19/12 Months)	0.475%	0.483%	0.495%	0.510%	0.531%	0.548%	0.545%	0.541%	0.540%	0.540%	0.540%	0.540%	0.540%
21 INTEREST PROVISION (15x20)	(267)	(40)	609	414	207	675	1,355	1,974	1,931	684	(204)	(162)	

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY

TRANSPORTATION PURCHASES
SYSTEM SUPPLY AND END USE

SCHEDULE E-3

ESTIMATED FOR THE PROJECTED PERIOD OF:

JANUARY 2001 Through DECEMBER 2001

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	5,200,280	0	5,200,280	3,900,237	16,534	554,722	INCLUDED IN COST	85.99
FEBRUARY	VARIOUS	SYS SUPPLY	N/A	4,746,510	0	4,746,510	3,559,858	15,144	490,988	INCLUDED IN COST	85.66
MARCH	VARIOUS	SYS SUPPLY	N/A	5,013,700	0	5,013,700	3,760,301	15,742	510,119	INCLUDED IN COST	85.49
APRIL	VARIOUS	SYS SUPPLY	N/A	4,258,000	0	4,258,000	3,193,522	12,708	492,661	INCLUDED IN COST	86.87
MAY	VARIOUS	SYS SUPPLY	N/A	3,558,020	0	3,558,020	2,668,459	12,762	206,923	INCLUDED IN COST	81.17
JUNE	VARIOUS	SYS SUPPLY	N/A	3,631,780	0	3,631,780	2,723,779	13,152	200,248	INCLUDED IN COST	80.87
JULY	VARIOUS	SYS SUPPLY	N/A	3,325,040	0	3,325,040	2,493,832	11,772	183,654	INCLUDED IN COST	80.88
AUGUST	VARIOUS	SYS SUPPLY	N/A	3,202,130	0	3,202,130	2,401,549	11,250	183,654	INCLUDED IN COST	81.09
SEPTEMBER	VARIOUS	SYS SUPPLY	N/A	3,180,000	0	3,180,000	2,385,017	11,231	177,730	INCLUDED IN COST	80.94
OCTOBER	VARIOUS	SYS SUPPLY	N/A	3,409,160	0	3,409,160	2,556,817	12,130	186,705	INCLUDED IN COST	80.83
NOVEMBER	VARIOUS	SYS SUPPLY	N/A	4,069,550	0	4,069,550	3,052,100	11,907	489,433	INCLUDED IN COST	87.32
DECEMBER	VARIOUS	SYS SUPPLY	N/A	4,574,140	0	4,574,140	3,430,677	13,873	529,643	INCLUDED IN COST	86.88
TOTAL				48,168,310	0	48,168,310	36,126,148	158,205	4,206,480		84.06

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ESTIMATED FOR THE PROJECTED PERIOD:

JANUARY 2001

Through

DECEMBER 2001

	PRIOR PERIOD: JANUARY 1999 - DECEMBER 1999			CURRENT PERIOD: JAN 00 - DEC 00	
	(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 \$	\$17,269,725	\$14,714,463	(\$2,555,262)	\$21,012,762	\$18,457,500
2 TRUE-UP PROVISION FOR THIS PERIOD OVER (UNDER) COLLECTION	\$239,492	\$170,323	(\$69,169)	\$26,701	(\$42,468)
3 INTEREST PROVISION FOR THIS PERIOD	13,956	15,969	2,013	\$7,176	9,189
			0		
4 END OF PERIOD TOTAL NET TRUE-UP	\$253,448	\$186,292	(\$67,156)	\$33,877	(\$33,279)
TOTAL TRUE-UP DOLLARS					(\$33,279)
PROJECTED THERM SALES FOR JANUARY 2001 - DECEMBER 2001					48,081,630
CENTS PER THERM NECESSARY TO COLLECT UNDERRECOVERY					(0.069)
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 2001 Through DECEMBER 2001													
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
THERM SALES (FIRM)															
GENERAL SERVICE (11)		1,376,800	1,286,280	1,322,030	1,065,350	871,040	807,560	709,060	630,700	646,500	765,010	1,101,470	1,129,550	11,711,350	
OUTDOOR LIGHTING (21)		70	70	70	70	70	70	70	70	70	70	70	70	840	
RESIDENTIAL (31)		1,375,600	1,231,950	1,314,520	978,760	689,380	660,340	586,490	564,030	543,890	636,060	834,410	1,091,800	10,507,230	
LARGE VOLUME (51)		2,313,870	2,105,680	2,228,410	2,081,630	1,874,280	2,040,580	1,914,940	1,883,530	1,866,590	1,892,320	2,020,390	2,236,970	24,459,190	
OTHER (81)		0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL FIRM		5,066,340	4,623,980	4,865,030	4,125,810	3,434,770	3,508,550	3,210,560	3,078,330	3,057,050	3,293,460	3,956,340	4,458,390	46,678,610	
THERM SALES (INTERRUPTIBLE)															
INTERRUPTIBLE (61)		124,580	113,980	139,650	124,530	116,850	116,690	108,500	118,040	117,230	109,560	105,890	107,520	1,403,020	
FIRM TRANSPORT (91)		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	994,560	
INTERR TRANSPORT (92)		81,530	82,520	80,620	77,450	79,250	74,690	72,800	72,980	74,900	77,010	77,070	79,670	930,490	
LARGE VOLUME INT (93)		1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	21,888,000	
LESS: TRANSPORTATION		(1,988,410)	(1,989,400)	(1,987,500)	(1,984,330)	(1,986,130)	(1,981,570)	(1,979,680)	(1,979,860)	(1,981,780)	(1,983,890)	(1,983,950)	(1,986,550)	(23,813,050)	
TOTAL INTERRUPTIBLE		124,580	113,980	139,650	124,530	116,850	116,690	108,500	118,040	117,230	109,560	105,890	107,520	1,403,020	
TOTAL THERM SALES		5,190,920	4,737,960	5,004,680	4,250,340	3,551,620	3,625,240	3,319,060	3,196,370	3,174,280	3,403,020	4,062,230	4,565,910	48,081,630	
NUMBER OF CUSTOMERS (FIRM)															
GENERAL SERVICE (11)		3,036	3,029	3,032	3,045	3,028	3,035	3,046	3,062	3,075	3,138	3,104	3,126	3,063	
OUTDOOR LIGHTING (21)		2	2	2	2	2	2	2	2	2	2	2	2	2	
RESIDENTIAL (31)		36,612	36,747	36,969	37,046	36,936	36,856	36,821	36,447	36,402	36,408	36,581	36,957	36,732	
LARGE VOLUME (51)		898	899	904	905	908	912	894	883	869	874	878	872	891	
OTHER (81)		0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL FIRM		40,548	40,677	40,907	40,998	40,874	40,805	40,763	40,394	40,348	40,422	40,565	40,957	40,688	
NUMBER OF CUSTOMERS (INT.)															
INTERRUPTIBLE (61)		6	6	6	6	6	6	6	6	6	6	6	6	6	
FIRM TRANSPORT (91)		8	8	8	8	8	8	8	8	8	8	8	8	8	
INTERR TRANSPORT (92)		8	8	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		23	23	23	23	23	23	23	23	23	23	23	23	23	
TOTAL CUSTOMERS		40,571	40,700	40,930	41,021	40,897	40,828	40,786	40,417	40,371	40,445	40,588	40,980	40,711	
THERM USE PER CUSTOMER															
GENERAL SERVICE (11)		453	425	436	350	288	266	233	206	210	244	355	361	3,823	
OUTDOOR LIGHTING (21)		35	35	35	35	35	35	35	35	35	35	35	35	420	
RESIDENTIAL (31)		38	34	36	26	19	18	16	15	15	17	23	30	286	
LARGE VOLUME (51)		2,577	2,342	2,465	2,300	2,064	2,237	2,142	2,133	2,148	2,165	2,301	2,565	27,441	
OTHER (81)															
INTERRUPTIBLE (61)		20,763	18,997	23,275	20,755	19,475	19,448	18,083	19,673	19,538	18,260	17,648	17,920	233,837	
FIRM TRANSPORT (91)		10,360	10,360	10,360	10,360	10,360	10,360	10,360	10,360	10,360	10,360	10,360	10,360	124,320	
INTERR TRANSPORT (92)		10,191	10,315	10,078	9,681	9,906	9,336	9,100	9,123	9,363	9,626	9,634	9,959	116,311	
LARGE VOLUME INT (93)		1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	1,824,000	21,888,000	

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