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A SOUTHERN COMPANY

October 18, 1999

Ms. Blanca S. Bayo, Director  
Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee FL 32399 0870

Dear Ms. Bayo:

RE: COMMISSION STAFF'S MINIMUM FILING REQUIREMENTS IN  
SUPPORT OF THE MONTHLY FUEL AND PURCHASED POWER COST  
RECOVERY CHARGE IN DOCKET NO. 990001-EI

Attached are the Actual Unit Performance Data Schedules and  
the Actual Unit Outage Data Schedules for September 1999,  
Retail Cost Recovery Charges for Plant Crist, Plant Smith,  
and Plant Daniel. These schedules are being sent separate  
from the monthly filing.

Sincerely,

*Susan D. Ritenour*

Susan D. Ritenour  
Assistant Secretary and Assistant Treasurer

AFA	_____	lw
APP	_____	
CAF	_____	Attachment
CMU	_____	
CTR	_____	
EAG	_____	cc: Florida Public Service Commission
LEG	_____	Sid Matlock
MAS	_____	a
OPC	_____	
PAI	_____	
SEC	_____	i
WAW	_____	
OTH	_____	g. cover etc

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

CRIST 6	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	Jul '99	Aug '99	Sep '99			
1. FAF (%)	98.5	100.0	92.5	10.3	91.6	99.3	99.96	99.4	89.3			
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	730.0			
3. SHL	744.0	672.0	628.2	734.6	734.3	720.0	744.0	740.0	660.1			
4. RSH	0.0	0.0	0.0	0.0	0	0	0	0	0			
5. DLI	0.0	0.0	55.8	479.4	9.7	0	0	3.7	59.7			
6. TOT	0.0	0.0	0.0	479.4	0	0	0	0	0			
7. FDR	0.0	0.0	35.8	0.0	9.7	0	0	3.7	0			
8. RSDH	0.0	0.0	0.0	0.0	0	0	0	0	59.7			
9. WFOU	6.1	0.0	0.0	1.0	32.3	0	1.3	1.7	0			
10. LB pt (MW)	154.0	0.0	0.0	117.0	141.6	0	67.0	230.4	0			
11. T94OFF	0.0	0.0	0.0	0.0	11.7	2.8	0	0	22.0			
12. T94 pm (MW)	0.0	0.0	0.0	0.0	202.7	122.0	0	0	210.0			
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0			
14. Oper MSto	1450869.0	1403794.0	1553382.0	603671.0	1514238.0	1679300.0	2009366.0	2277177.0	1577936.0			
15. Net Gen (MWh)	1128950.0	128788.0	145690.0	57670.0	151129.0	169408.0	187496.0	223866.0	150006.0			
16. ANNUAL (MWh KWED)	10847.0	11900.0	10660.0	10617.0	11152.0	10241.0	10879.0	10286.0	10714.0			
17. NUP %	59.4	63.5	70.2	79.0	68.2	75.2	83.4	99.0	75.2			
18. NPL (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0			
19. ANNUAL Demand	3156.1 A KW *   130.42 * FEB - 17.39 * MAR - 26.52 * APR - 29.06 * MAY - 45.84 * JUL *											
	+ 5.385											

## ACTUAL UNIT PERFORMANCE DATA

## CLLP POWER COMPANY

PERIOD END: January 1998 - December 1999

CRIST 7	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	Jul '99	Aug '99	Sep '99			
1. EAF (%)	84.0	22.3	87.1	80.3	90.7	87.2	99.6	86.3	100.0			
2. PUL	744.0	672.0	744.0	719.0	744.0	729.0	744.0	743.0	730.0			
3. SLE	630.0	149.0	637.4	582.0	744.0	629.0	742.5	611.9	721.0			
4. RSEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5. PPT	101.8	531.0	90.6	137.0	0.0	90.1	1.5	102.1	0.0			
6. PCH	18.6	721.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
7. FLBC	0.0	0.0	90.6	137.0	0.0	48.5	0.0	0.0	0.0			
8. HRIU	56.2	0.0	0.0	0.0	0.0	11.5	1.5	102.1	0.0			
9. HPC01	47.8	1.5	71.3	15.4	4.7	3.7	6.3	2.5	0.0			
10. TR p1 (MW)	81.8	90.0	128.5	141.0	219.6	79.9	138.5	704.7	0.0			
11. PWOB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12. LR p2 (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
13. NSC (MW)	495.0	495.0	495.0	495.0	495.0	467.0	467.0	467.0	467.0			
14. Uper (MWh)	2302639.0	528978.0	283899.0	2614743.0	3054672.0	2390422.0	3393377.0	2961090.0	3138239.0			
15. Net Gen (MWh)	234989.0	52897.0	279611.0	357964.0	295853.0	257852.0	326347.0	289851.0	306606.0			
16. ANCHTR (MWh/KWH)	110237.0	106300.0	101910.0	101360.0	102210.0	10007.0	11408.9	10257.0	10269.0			
17. SROP %	71.1	71.3	66.5	89.5	81.1	83.7	95.1	96.3	90.9			
18. HPC (MW)	495.0	495.0	495.0	495.0	495.0	467.0	467.0	467.0	467.0			
19. ANCHTR Equation	1090 * ANCH * [ 239.56 + 157.29 * MAY - 93.18 * JUL + 45.08 * AUG ]											
	19,482											

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

SMITH I	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	Jul '99	Aug '99	Sep '99			
1. EAF (%)	95.9	6.1	0.0	40.7	45.9	100	91.1	97.9	98.1			
2. W3	744.0	672.0	744.0	719.0	744.0	790.0	744.0	711.0	720.0			
3. S4	719.0	41.0	0.0	207.7	625.1	730.0	678.7	740.0	563.1			
4. K31	0.0	0.0	0.0	0.0	0	0	0	0	0			
5. DFI	25.0	630.9	744.0	311.3	118.6	0	64.1	0	156.9			
6. POH	0.0	900.0	744.0	306.5	0	0	0	0	149.1			
7. FOH	25.0	96.8	0.0	180.1	0	0	64.1	0	7.8			
8. MCG	0.0	4.0	0.0	4.7	118.5	0	0	0	0			
9. DFOU	0.0	0.0	0.0	52.0	4.8	7.4	17.6	0.3	0			
10. CR p (MW)	30.4	0.0	0.0	30.5	33.9	27.4	20.9	24.0	0			
11. PNMH	11.9	0.0	0.0	11.5	0	0	0	58.5	0			
12. TR (m/MW)	18.3	0.0	0.0	17.0	0	0	0	44.5	0			
13. NRC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0			
14. Oper MW	103748.0	58920.0	0.0	40164.0	88230.0	103497.0	101781.0	113470.0	80875.0			
15. Net Cap (MW)	101630.0	5716.0	0.0	40530.0	90110.0	107604.0	103279.0	113019.0	81195.0			
16. ANOUB (Dth/BATT)	10038.0	9608.0	0.0	7873.0	9869.0	11083.0	10848.0	10001.0	9962.0			
17. NCR (%)	87.3	85.6	0.0	41.3	81.9	92.3	95.8	93.3	89.0			
18. NRC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0			
19. ANOUB Equation	$10767 \text{ AKW} + 63.86 \text{ J1} + 11.44 \text{ J2N} - 17.67 \text{ FEB} - 12.53 \text{ MATH} - 11.62 \text{ JUL1}$ $- 9.73$											

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

SMU CODE	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	Jul '99	Aug '99	Sep '99			
1. CAP (%)	99.4	100.0	100.0	100.0	94.3	99.9	99.8	96.4	99.7			
2. D1	744.0	672.0	744.0	719.0	744.0	790.0	744.0	714.0	720.0			
3. ST	742.5	672.0	744.0	719.0	744.0	790.0	744.0	744.0	693.5			
4. DSH	0.0	0.0	0.0	0.0	0	0	0	0	0			
5. LSH	0.5	0.0	0.0	0.0	390.8	0	0	0	26.0			
6. BOH	0.0	0.0	0.0	0.0	330.8	0	0	0	0			
7. JULL	1.5	0.0	0.0	0.0	0	0	0	0	1			
8. MCH	0.0	0.0	0.0	0.0	0	0	0	0	21.5			
9. TROH	0.0	0.0	0.0	0.0	0	3.6	3.1	5.0	7.7			
10. CR (MWH)	50.0	0.0	0.0	0.0	0	41.6	45.0	92.8	105.8			
11. PSHH	3.3	0.0	0.0	0.0	0	0	3.5	55.8	0			
12. LR pm (MWH)	55.0	0.0	0.0	0.0	0	0	50.9	81.4	0			
13. NSC (MWH)	193.0	193.0	193.0	193.0	193.0	193.0	193.0	193.0	193.0			
14. Oper MWh	131790.0	119765.0	139769.0	131774.0	73068.0	132791.0	138892.0	107366.0	129012.0			
15. Net Gen (MWH)	122770.0	118969.0	138839.0	131743.0	72463.0	130674.0	136293.0	109401.0	124045.0			
16. ANCHOR (Btu/KWH)	9921.0	10065.0	10004.0	9939.0	10043.0	70747.0	10151.0	10150.0	10152.0			
17. COP %	92.0	91.7	96.7	94.9	91.3	94.0	95.0	95.1	92.7			
18. NSC (MWh)	193.0	193.0	193.0	193.0	193.0	193.0	193.0	193.0	193.0			
19. ANCHOR Equation	$10^{*}6.7 \text{ ALEN}^{*} - 14.48 + 1527 * \text{JAN} - 41.51 * \text{MAR} - 100.74 * \text{JUL} + 2575 * \text{AUG}^{*}$ 10,284											

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	Jul '99	Aug '99	Sep '99			
1. DANIEL 1												
2. EAF (%)	53.4	59.3	72.9	75.4	80.4	95.5	93.7	99.8	62.4			
3. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0			
4. SU	414.9	656.2	577.8	535.5	629.7	720.0	744.0	744.0	449.1			
5. KSLU	0.0	0.0	0.0	0.0	0	0	0	0	0			
6. CJI	329.1	15.9	366.2	393.5	114.7	0	0	0	270.7			
7. RCF	0.0	0.0	0.0	133.5	0	0	0	0	204.1			
8. RCFH	179.1	15.6	166.2	0.0	18.4	0	0	0	65.8			
9. MCH	150.0	0.0	0.0	0.0	96.5	0	0	0	0			
10. RFDU	221.9	355.8	190.2	112.5	95.6	36.0	11.9	8.9	2.0			
11. CR p/CMW	56.1	73.7	30.8	121.6	167.2	54.2	75.5	74.0	60.0			
12. FVCR	0.0	0.0	0.0	0.0	0	0	0	0.4	0			
13. TR gm (MW)	0.0	0.0	0.0	0.0	+	0	0	75.0	0			
14. NSC (MW)	478.0	478.0	478.0	478.0	513.0	510.0	510.0	510.0	510.0			
15. Oper MWh	1522451.0	2479138.0	3526083.0	2336804.0	2941155.0	3020785.0	3440963.0	3591589.0	1997491.0			
16. Net Gen (MWh)	144657.0	240117.0	249007.0	227875.0	251532.0	307866.0	339736.0	377668.0	198256.0			
17. ANNUAL (Sour/Unit)	10570.0	10316.0	10311.0	10296.0	10198.0	9941.0	10129.0	10062.0	10293.0			
18. MW %	72.4	36.6	88.7	88.8	75.4	82.1	89.5	94.1	83.2			
19. NPC (MW)	478.0	478.0	478.0	478.0	510.0	510.0	510.0	510.0	510.0			
20. ANNUAL Equation	$1070 \cdot \text{AKW} + (79.36 - 41.46 \cdot \text{MAR} + 60.97 \cdot \text{OCT})$ $= 12,144 - 0.00074 \cdot \text{TRF} \cdot \text{AKW}$											

## ACTUAL UNIT PERFORMANCE DATA

CULP POWER COMPANY

PERIOD DE: January 1999 - December 1999

UNIT #	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	Jul '99	Aug '99	Sep '99			
1. <u>Load (%)</u>	60.2	11.7	0.0	19.5	91.0	94.7	91.0	54.7	88.4			
2. <u>PR</u>	744.0	672.0	744.0	718.0	744.0	720.0	744.0	744.0	720.0			
3. <u>SR</u>	204.7	117.4	0.0	196.5	699.2	710.5	695.0	708.0	640.1			
4. <u>TRSH</u>	0.0	0.0	0.0	0.0	0	0	0	0	0			
5. <u>LR</u>	19.4	554.6	744.0	519.5	44.8	9.5	490.0	17.3	799			
6. <u>PRDR</u>	0.0	554.6	744.0	452.2	0	0	0	0	0			
7. <u>TRLL</u>	39.3	0.0	0.0	30.9	0	5.5	0.6	17.3	19.9			
8. <u>TROR</u>	0.0	0.0	0.0	3.8	44.4	0	48.4	0	0			
9. <u>TRORR</u>	687.1	117.4	0.0	122.0	29.0	109.7	5.9	31.6	5.2			
10. <u>LR (MWH)</u>	131.0	171.6	0.0	229.5	120.6	134.7	156.7	22.8	105.0			
11. <u>TRORL</u>	0.0	0.0	0.0	0.0	0	0	0	2.1	3.8			
12. <u>LR (MWH)</u>	0.0	0.0	0.0	0.0	0	0	0	330.0	466.0			
13. <u>NSC (MWH)</u>	478.0	478.0	478.0	478.0	510.0	510.0	510.0	510.0	510.0			
14. <u>Oper MWh</u>	2448241.0	473854.0	0.0	689463.0	266076.0	290290.0	300194.0	1264799.0	270047.0			
15. <u>Net Gen (MWH)</u>	251504.0	39766.0	0.0	63975.0	290745.0	291267.0	307014.0	322505.0	271314.0			
16. <u>ANCHR (BtuKWH)</u>	10375.0	10645.0	0.0	10777.0	2975.0	9965.0	9864.0	16123.0	14025.0			
17. <u>TRF %</u>	68.7	70.0	0.0	67.1	69.2	60.4	85.7	89.5	83.1			
18. <u>TRF (MWH)</u>	475.0	478.0	478.0	478.0	510.0	510.0	510.0	510.0	510.0			
19. <u>ANCHR Equation</u>	$10^{(6 + AKW * (60.76 - 0.055 * JAN - 53.82 * FEB - 44.0 * MAR - 31.4 * OCT))}$ $11.284 - 0.00061 * LRDR / AKW$											

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

September, 1999

Unit 6

DATE	OUTAGE TYPE*	HOURS	(MW) AFFECTED	DESCRIPTION
09/03	FMO	59.7	302.0	Forced Draft Fan Problem
09/06	PMO	22.0	214.0	Condenser Tube Leaks

\* FFO - Full Forced Outage  
PFO - Partial Forced Outage  
FMO - Full Maintenance Outage  
PMO - Partial Maintenance Outage  
PO - Planned Outage











