

FLORIDA PUBLIC SERVICE COMMISSION
OFFICE OF COMMISSION CLERK



DN 04582-08
DECLASSIFIED

DOCUMENT NUMBER ASSIGNMENT*

CONFIDENTIAL

FILED DATE: 05/29/2008

DOCKET NO.: 080007-EI

DOCUMENT NO.: 04582-08

DOCUMENT DESCRIPTION:

Progress (Perko) - (CONFIDENTIAL) Documents and information provided to staff in connection with Audit Control No. 08-029-2-1. [x-ref. DN 03988-08] [CLK note: Request withdrawn; DN declassified and forwarded to docket file.]

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Progress Energy Florida
CEMs Emissions Summary
01/01/07 - 12/31/07

APR 1/25

Docket No.: 080007-EI

CEMs Emissions Summary
(Jan07)

DECLASSIFIED
7/11/14 5-6-14

Facility Name	Unit #	Month	SO2 Emissions (tons)	WAC	Expense Amount
Anclote	Unit 1	Jan	949.00	71.42	\$ 67,777.58
Anclote	Unit 2	Jan	560.00	71.42	\$ 39,995.20
Anclote Total			1,509.00		\$ 107,772.78
Bartow	Unit 1	Jan	74.20	71.42	\$ 5,299.36
Bartow	Unit 2	Jan	78.20	71.42	\$ 5,585.04
Bartow	Unit 3	Jan	500.70	71.42	\$ 35,759.99
Bartow Total			653.10		\$ 46,644.39
Crystal River 1/2	Unit 1	Jan	1,512.20	71.42	\$ 108,001.32
Crystal River 1/2	Unit 2	Jan	1,829.70	71.42	\$ 130,677.17
Crystal River 1/2 Total			3,341.90		\$ 238,678.49
Crystal River 4/5	Unit 4	Jan	2,365.30	71.42	\$ 168,929.73
Crystal River 4/5	Unit 5	Jan	2,239.90	71.42	\$ 159,973.66
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	0.20	71.42	\$ 14.28
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	0.30	71.42	\$ 21.43
Crystal River 4/5	Unit 5	Jan	0.20	71.42	\$ 14.28
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	0.10	71.42	\$ 7.14
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	-	71.42	\$ -
Crystal River 4/5	Unit 5	Jan	0.10	71.42	\$ 7.14
Crystal River 4/5	Unit 5	Jan	0.10	71.42	\$ 7.14
Crystal River 4/5 Total			4,606.20		\$ 328,974.80
Grand Total			10,110.20		\$ 722,070.46

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Source: As Referenced

W/P 1/6-5
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Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07

Docket No.: 080007-EI

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4Q 06 PEF SO2 True-up

Facility	2006				2006				2006				2006				2006			
	Jan SO2 (Tons)	Feb SO2 (Tons)	Mar SO2 (Tons)	1Q True-Up	April SO2 (Tons)	May SO2 (Tons)	June SO2 (Tons)	2Q True-Up	Jul SO2 (Tons)	Aug SO2 (Tons)	Sep SO2 (Tons)	3Q Tons True-Up	Oct SO2 (Tons)	Nov SO2 (Tons)	Dec SO2 (Tons)	Tons Expensed YTD (for 2006)	4Q YTD Tons Reported by ESS (for 2006)	4Q Tons True-Up	4Q WAC (4Qavg tons/4Qavg \$)	4Q \$ True-Up
Andros Unit 136	1793.00	1443.00	1254.84	(127.84)	1004.20	1737.40	2553.20	(1920)	3011.40	3588.40	2816.60	(210.20)	4523.10	335.20	1624.90	2223.664.40	23507.10	261.30	27.568.80	(20553.50)
Andros Unit 236																				
Bayport Unit 136	925.00	668.00	637.81	(134.30)	886.60	1095.00	1043.50	(180)	1355.60	1401.00	1572.00	(22.80)	1443.00	665.20	844.20	1254.00	12568.90	14.93	3376.86	(23218.86)
Bayport Unit 236																				
Cedar River Unit 13	493.00	120.00	1054.5	(407.5)	3766.50	4046.40	3478.30	(200)	632.60	3438.10	3054.00	(61.28)	2674.20	3166.30	369.90	41804.00	1876.90	12.00	5556.66	(20331.70)
Cedar River Unit 23																				
Cedar River Unit 33	370.00	439.00	1043.70	(277.50)	4301.40	4696.40	4446.20	(140)	4864.00	5031.70	4626.40	(40)	4990.40	3338.50	1940.10	33641.20	53765.00	123.80	3556.88	(37207.50)
Cedar River Unit 43																				
Seawater Unit 13	6.00	29.00	2.69	(34.10)	65.90	4.30	355.00	(120.80)	1068.40	68.90	623.50	(1608.58)	18.10	269.90		27181.60	168.30	5556.88	(37207.50)	
Seawater Unit 23																				
Seawater Unit 33																				
Seawater Unit 43																				
UF 33/43/53	10708.00	9719.00	9354.56	(204.46)	10064.60	11579.50	11874.20	(133.80)	14012.00	14337.50	12892.90	(1309.90)	10649.60	9025.60	10579.10	133148.40	132899.90	(248.90)		(14152.48)

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Source: As Referenced

W/P 16-5
1-2

Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07 *TT*

Docket No.: 080007-EI

CEMs Emissions Summary
(Feb07) **A** **B**

Facility Name	Unit #	Month	Mthly SO2 Emissions (tons)	WAC	Expense Amount
Anclote	Unit 1	Feb	1,205.50	71.41	\$ 86,084.76
Anclote	Unit 2	Feb	1,180.90	71.41	\$ 84,328.07
Anclote Total			2,386.40		\$ 170,412.83
Bartow	Unit 1	Feb	74.00	71.41	\$ 5,284.34
Bartow	Unit 2	Feb	59.90	71.41	\$ 4,277.46
Bartow	Unit 3	Feb	529.60	71.41	\$ 37,818.74
Bartow Total			663.50		\$ 47,380.54
Crystal River 1/2	Unit 1	Feb	247.40	71.41	\$ 17,666.83
Crystal River 1/2	Unit 2	Feb	1,866.60	71.41	\$ 133,293.91
Crystal River 1/2 Total			2,114.00		\$ 150,960.74
Crystal River 4/5	Unit 4	Feb	2,500.80	71.41	\$ 178,582.13
Crystal River 4/5	Unit 5	Feb	2,320.70	71.41	\$ 165,721.19
Crystal River 4/5	Unit 5	Feb	0.30	71.41	\$ 21.42
Crystal River 4/5	Unit 5	Feb	0.10	71.41	\$ 7.14
Crystal River 4/5	Unit 5	Feb	0.10	71.41	\$ 7.14
Crystal River 4/5	Unit 5	Feb	0.20	71.41	\$ 14.28
Crystal River 4/5	Unit 5	Feb	0.10	71.41	\$ 7.14
Crystal River 4/5	Unit 5	Feb	0.10	71.41	\$ 7.14
Crystal River 4/5	Unit 5	Feb	0.30	71.41	\$ 21.42
Crystal River 4/5	Unit 5	Feb	0.20	71.41	\$ 14.28
Crystal River 4/5	Unit 5	Feb	0.30	71.41	\$ 21.42
Crystal River 4/5	Unit 5	Feb	0.20	71.41	\$ 14.28
Crystal River 4/5	Unit 5	Feb	-	71.41	\$ -
Crystal River 4/5	Unit 5	Feb	-	71.41	\$ -
Crystal River 4/5	Unit 5	Feb	-	71.41	\$ -
Crystal River 4/5	Unit 5	Feb	-	71.41	\$ -
Crystal River 4/5	Unit 5	Feb	2.60	71.41	\$ 185.67
Crystal River 4/5	Unit 5	Feb	0.10	71.41	\$ 7.14
Crystal River 4/5	Unit 5	Feb	0.10	71.41	\$ 7.14
Crystal River 4/5	Unit 5	Feb	0.20	71.41	\$ 14.28
Crystal River 4/5	Unit 5	Feb	0.10	71.41	\$ 7.14
Crystal River 4/5	Unit 5	Feb	0.10	71.41	\$ 7.14
Crystal River 4/5 Total			4,826.60		\$ 344,667.49
Suwannee River Plant	Unit 1	Feb	-	71.41	\$ -
Suwannee River Plant	Unit 2	Feb	24.40	71.41	\$ 1,742.40
Suwannee River Plant	Unit 3	Feb	-	71.41	\$ -
Suwannee River Plant Total			24.40		\$ 1,742.40
Grand Total			10,014.90		\$ 715,164.06

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Source: As Referenced

W/P 16-5
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Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07 *TH*

Docket No.: 080007-EI

CEMs Emissions Summary
(Mar07)

Facility Name	Unit #	Month	Mthly SO2 Emissions (tons)	WAC	Expense Amount
Anclole	Unit 1	Mar	1,240.20	71.19	\$ 88,289.84
Anclole	Unit 2	Mar	1,146.80	71.19	\$ 81,640.69
Anclole Total			2,387.00		\$ 169,930.53
Bartow	Unit 1	Mar	152.00	71.19	\$ 10,820.88
Bartow	Unit 2	Mar	-	71.19	\$ -
Bartow	Unit 3	Mar	19.40	71.19	\$ 1,381.09
Bartow Total			171.40		\$ 12,201.97
Crystal River 1/2	Unit 1	Mar	823.70	71.19	\$ 58,639.20
Crystal River 1/2	Unit 2	Mar	1,364.80	71.19	\$ 97,160.11
Crystal River 1/2 Total			2,188.50		\$ 155,799.31
Crystal River 4/5	Unit 4/5	Mar	2,515.50	71.19	\$ 179,078.45
Crystal River 4/5	Unit 4/5	Mar	2,230.90	71.19	\$ 158,817.77
Crystal River 4/5	Unit 4/5	Mar	0.50	71.19	\$ 35.60
Crystal River 4/5	Unit 4/5	Mar	0.50	71.19	\$ 35.60
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	0.30	71.19	\$ 21.36
Crystal River 4/5	Unit 4/5	Mar	0.20	71.19	\$ 14.24
Crystal River 4/5	Unit 4/5	Mar	0.30	71.19	\$ 21.36
Crystal River 4/5	Unit 4/5	Mar	0.20	71.19	\$ 14.24
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5	Unit 4/5	Mar	0.30	71.19	\$ 21.36
Crystal River 4/5	Unit 4/5	Mar	-	71.19	\$ -
Crystal River 4/5 Total			4,749.10		\$ 338,088.46
Grand Total			3,445.90		\$ 2,715,920.27

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Source: As Referenced

WIP 16-5
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Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07

Docket No.: 080007-EI

CEMs Emissions Summary
(Apr07) A B

Facility Name	Unit #	Month	Mthly SO2 Emissions (tons)	WAC	Expense Amount
Anclote	Unit 1	Apr	963.20	71.14	\$ 68,522.05
Anclote	Unit 2	Apr	957.50	71.14	\$ 68,116.55
Anclote Total			1,920.70		\$ 136,638.60
Bartow	Unit 1	Apr	157.60	71.14	\$ 11,211.66
Bartow	Unit 2	Apr	30.00	71.14	\$ 2,134.20
Bartow	Unit 3	Apr	529.90	71.14	\$ 37,697.09
Bartow Total			717.50		\$ 51,042.95
Crystal River 1/2	Unit 1/2	Apr	1,490.70	71.14	\$ 106,048.40
Crystal River 1/2	Unit 1/2	Apr	-	71.14	\$ -
Crystal River 1/2	Unit 1/2	Apr	0.30	71.14	\$ 21.34
Crystal River 1/2	Unit 1/2	Apr	0.30	71.14	\$ 21.34
Crystal River 1/2	Unit 1/2	Apr	0.30	71.14	\$ 21.34
Crystal River 1/2	Unit 1/2	Apr	-	71.14	\$ -
Crystal River 1/2	Unit 1/2	Apr	0.30	71.14	\$ 21.34
Crystal River 1/2 Total			1,491.90		\$ 106,133.76
Crystal River 4/5	Unit 4/5	Apr	2,487.80	71.14	\$ 176,982.09
Crystal River 4/5	Unit 4/5	Apr	2,269.40	71.14	\$ 161,445.12
Crystal River 4/5	Unit 4/5	Apr	0.20	71.14	\$ 14.23
Crystal River 4/5	Unit 4/5	Apr	0.20	71.14	\$ 14.23
Crystal River 4/5	Unit 4/5	Apr	0.20	71.14	\$ 14.23
Crystal River 4/5	Unit 4/5	Apr	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 4/5	Apr	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 4/5	Apr	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 4/5	Apr	-	71.14	\$ -
Crystal River 4/5	Unit 4/5	Apr	-	71.14	\$ -
Crystal River 4/5	Unit 4/5	Apr	-	71.14	\$ -
Crystal River 4/5	Unit 4/5	Apr	0.50	71.14	\$ 35.57
Crystal River 4/5	Unit 4/5	Apr	-	71.14	\$ -
Crystal River 4/5	Unit 4/5	Apr	-	71.14	\$ -
Crystal River 4/5	Unit 4/5	Apr	-	71.14	\$ -
Crystal River 4/5	Unit 4/5	Apr	-	71.14	\$ -
Crystal River 4/5	Unit 4/5	Apr	-	71.14	\$ -
Crystal River 4/5	Unit 4/5	Apr	0.20	71.14	\$ 14.23
Crystal River 4/5	Unit 4/5	Apr	0.10	71.14	\$ 7.11
Crystal River 4/5 Total			4,759.30		\$ 338,576.60
Grand Total			8,889.40		\$ 632,391.91

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Source: As Referenced

W/P 16-5
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Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07

Docket No.: 080007-EI

Facility	2007			2007				
	Jan SO2 (Tons)	Feb SO2 (Tons)	Mar SO2 (Tons)	Tons Expended YTD	1Q YTD Tons Reported by ESS	1Q Tons True-Up	1Q WAC (1Qavg tons/1Qavg \$)	1Q \$ True-Up
Andole Unit 1	1,509.00	2,386.40	2,387.00	6,282.40	5,435.30	(847.10)	\$ 61.39	\$ (52,002.46)
Barlow Unit 1								
Barlow Unit 2	653.10	663.50	171.40	1,488.00	1,490.60	2.60	\$ 61.39	\$ 159.61
Crystal River Unit 1	3,341.90	2,114.00	2,188.50	7,644.40	7,694.50	50.10	\$ 61.39	\$ 3,075.58
Crystal River Unit 2								
Crystal River Unit 4	4,606.20	4,826.60	4,749.10	14,181.90	14,176.80	(5.10)	\$ 61.39	\$ (313.06)
Crystal River Unit 5								
Savannah Unit 1		24.40		24.40	15.30	(9.10)	\$ 61.39	\$ (558.64)
Savannah Unit 2								
Walter Bay								
TOTAL	10,110.20	10,014.90	9,496.00	29,621.10	28,812.50	(808.60)		\$ (49,638.99)

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Source: As Referenced

WRP 1/6-5
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Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07 *TH*

Docket No.: 080007-EI

CEMs Emissions Summary

(May07) *A B*

Facility Name	Unit #	Month	Mthly SO2 Emissions (tons)	WAC	Expense Amount	
Anclote	Unit 1	May	1,340.40	71.14	\$ 95,356.06	1
Anclote	Unit 2	May	1,245.30	71.14	\$ 88,590.64	2
Anclote Total			2,585.70		\$ 183,946.70	3
Bartow	Unit 1	May	221.90	71.14	\$ 15,785.97	4
Bartow	Unit 2	May	337.50	71.14	\$ 24,009.75	5
Bartow	Unit 3	May	683.20	71.14	\$ 48,602.85	6
Bartow Total			1,242.60		\$ 88,398.57	7
Crystal River 1/2	Unit 1/2	May	1,502.70	71.14	\$ 106,902.08	8
Crystal River 1/2	Unit 1/2	May	636.20	71.14	\$ 45,259.27	9
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	10
Crystal River 1/2	Unit 1/2	May	0.10	71.14	\$ 7.11	11
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	12
Crystal River 1/2	Unit 1/2	May	1.10	71.14	\$ 78.25	13
Crystal River 1/2	Unit 1/2	May	0.30	71.14	\$ 21.34	14
Crystal River 1/2	Unit 1/2	May	0.30	71.14	\$ 21.34	15
Crystal River 1/2	Unit 1/2	May	0.30	71.14	\$ 21.34	16
Crystal River 1/2	Unit 1/2	May	0.30	71.14	\$ 21.34	17
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	18
Crystal River 1/2	Unit 1/2	May	0.20	71.14	\$ 14.23	19
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	20
Crystal River 1/2	Unit 1/2	May	0.10	71.14	\$ 7.11	21
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	22
Crystal River 1/2	Unit 1/2	May	0.10	71.14	\$ 7.11	23
Crystal River 1/2	Unit 1/2	May	2.60*	71.14	\$ 184.96	24
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	25
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	26
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	27
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	28
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	29
Crystal River 1/2	Unit 1/2	May	-	71.14	\$ -	30
Crystal River 1/2	Unit 1/2	May	0.30	71.14	\$ 21.34	31
Crystal River 1/2	Unit 1/2	May	0.10	71.14	\$ 7.11	32
Crystal River 1/2 Total			2,144.70		\$ 152,573.93	33
Crystal River 4/5	Unit 4/5	May	2,536.00	71.14	\$ 180,411.04	34
Crystal River 4/5	Unit 4/5	May	2,402.50	71.14	\$ 170,913.85	35
Crystal River 4/5 Total			4,938.50		\$ 351,324.89	36
Grand Total			10,911.50		\$ 776,244.09	16-5 37

DECLASSIFIED

WAC calculated by Accounting

CONFIDENTIAL

Source: As Referenced

W/P *16-5*
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Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07 ~~TT~~

Docket No.: 080007-EI

DECLASSIFIED

CEMs Emissions Summary
(Jun07) **A B**

Facility Name	Unit #	Month	Emissions (tons)	WAC	Expense Amount	
Anclote	Unit 1	June	1,473.00	71.14	\$ 104,789.22	1
Anclote	Unit 2	June	1,560.10	71.14	\$ 110,985.51	2
Anclote Total			3,033.10		\$ 215,774.73	3
Bartow	Unit 1	June	399.70	71.14	\$ 28,434.66	4
Bartow	Unit 2	June	384.50	71.14	\$ 27,353.33	5
Bartow	Unit 3	June	519.20	71.14	\$ 36,935.89	6
Bartow Total			1,303.40		\$ 92,723.88	7
Crystal River 1/2	Unit 1	June	1,585.50	71.14	\$ 112,792.47	8
Crystal River 1/2	Unit 2	June	1,750.70	71.14	\$ 124,544.80	9
Crystal River 1/2 Total			3,336.20		\$ 237,337.27	10
Crystal River 4/5	Unit 4	June	2,536.00	71.14	\$ 180,411.04	11
Crystal River 4/5	Unit 4	June	0.80	71.14	\$ 56.91	12
Crystal River 4/5	Unit 4	June	0.80	71.14	\$ 56.91	13
Crystal River 4/5	Unit 4	June	0.80	71.14	\$ 56.91	14
Crystal River 4/5	Unit 4	June	1.80	71.14	\$ 128.05	15
Crystal River 4/5	Unit 4	June	0.30	71.14	\$ 21.34	16
Crystal River 4/5	Unit 4	June	0.30	71.14	\$ 21.34	17
Crystal River 4/5	Unit 4	June	0.30	71.14	\$ 21.34	18
Crystal River 4/5	Unit 4	June	0.30	71.14	\$ 21.34	19
Crystal River 4/5	Unit 4	June	0.30	71.14	\$ 21.34	20
Crystal River 4/5	Unit 4	June	0.30	71.14	\$ 21.34	21
Crystal River 4/5	Unit 4	June	0.10	71.14	\$ 7.11	22
Crystal River 4/5	Unit 4	June	0.10	71.14	\$ 7.11	23
Crystal River 4/5	Unit 4	June	0.10	71.14	\$ 7.11	24
Crystal River 4/5	Unit 4	June	-	71.14	\$ -	25
Crystal River 4/5	Unit 4	June	-	71.14	\$ -	26
Crystal River 4/5	Unit 4	June	-	71.14	\$ -	27
Crystal River 4/5	Unit 4	June	-	71.14	\$ -	28
Crystal River 4/5	Unit 4	June	-	71.14	\$ -	29
Crystal River 4/5	Unit 4	June	0.30	71.14	\$ 21.34	30
Crystal River 4/5	Unit 4	June	0.10	71.14	\$ 7.11	31
Crystal River 4/5	Unit 5	June	2,274.20	71.14	\$ 161,786.59	32
Crystal River 4/5 Total			4,817.00		\$ 342,681.34	33
Suwannee River Plant	Unit 1	June	53.90	71.14	\$ 3,834.45	34
Suwannee River Plant	Unit 2	June	50.20	71.14	\$ 3,571.23	35
Suwannee River Plant	Unit 3	June	47.00	71.14	\$ 3,343.58	36
Suwannee River Plant Total			151.10		\$ 10,749.26	16-5 39
Grand Total			12,640.80		\$ 899,266.48	7 38

CONFIDENTIAL

Source: As Referenced

W/P 16-5
T-8

Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07 *TT*

Docket No.: 080007-EI

DECLASSIFIED

CEMs Emissions Summary
(Jul07) *A B*

Facility Name	Unit #	Month	Mthly SO2 Emissions (tons)	WAC	Expense Amount
Anclote	Unit 1	July	1,353.50	71.14	\$ 96,287.99
Anclote	Unit 2	July	1,419.50	71.14	\$ 100,983.23
Anclote Total			2,773.00		\$ 197,271.22
Bartow	Unit 1	July	406.80	71.14	\$ 28,939.75
Bartow	Unit 2	July	338.80	71.14	\$ 24,102.23
Bartow	Unit 3	July	688.90	71.14	\$ 49,008.35
Bartow Total			1,434.50		\$ 102,050.33
Crystal River 1/2	Unit 1	July	1,555.90	71.14	\$ 110,686.73
Crystal River 1/2	Unit 2	July	1,977.60	71.14	\$ 140,686.46
Crystal River 1/2 Total			3,533.50		\$ 251,373.19
Crystal River 4/5	Unit 4	July	2,648.10	71.14	\$ 188,385.83
Crystal River 4/5	Unit 5	July	2,518.20	71.14	\$ 179,144.75
Crystal River 4/5	Unit 5	July	0.90	71.14	\$ 64.03
Crystal River 4/5	Unit 5	July	1.00	71.14	\$ 71.14
Crystal River 4/5	Unit 5	July	0.90	71.14	\$ 64.03
Crystal River 4/5	Unit 5	July	5.10	71.14	\$ 362.81
Crystal River 4/5	Unit 5	July	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	July	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	July	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	July	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	July	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	July	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 5	July	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 5	July	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 5	July	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 5	July	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 5	July	0.50	71.14	\$ 35.57
Crystal River 4/5	Unit 5	July	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	July	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	July	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	July	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	July	0.10	71.14	\$ 7.11
Crystal River 4/5 Total			5,178.90		\$ 368,426.94
Suwannee River Plant	Unit 1	July	59.00	71.14	\$ 4,197.26
Suwannee River Plant	Unit 2	July	154.20	71.14	\$ 10,969.79
Suwannee River Plant	Unit 3	July	107.40	71.14	\$ 7,640.44
Suwannee River Plant Total			320.60		\$ 22,807.49
Grand Total			13,240.50		\$ 924,693.97

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CONFIDENTIAL

Source: As Referenced

WIP 16-5
1-9

Progress Energy-Florida

CEMs Emissions Summary

01/01/07 - 12/31/07

Docket No.: 080007-EI

DECLASSIFIED

07 PEF True-ups

A B C

Facility	2007			2007				
	April SO2 (Tons)	May SO2 (Tons)	June SO2 (Tons)	Tons Expensed 2Q	2Q Tons Reported by ESS	2Q Tons True-Up	2Q WAC (2Qavg tons/2Qavg \$)	2Q \$ True-Up
Andote Unit 1								
Andote Unit 2	1,920.70	2,585.70	3,033.10	7,539.50	6,831.10	(708.40)	\$ 71.14	\$ (50,395.58)
Barlow Unit 1								
Barlow Unit 2								
Barlow Unit 3	717.50	1,242.60	1,303.40	3,263.50	3,267.20	3.70	\$ 71.14	\$ 263.22
Crystal River Unit 1								
Crystal River Unit 2	1,491.90	2,144.70	3,336.20	6,972.80	6,988.50	15.70	\$ 71.14	\$ 1,116.90
Crystal River Unit 3								
Crystal River Unit 4	4,759.30	4,938.50	4,817.00	14,514.80	14,457.50	(57.30)	\$ 71.14	\$ (4,076.32)
Stuwanee Unit 1								
Stuwanee Unit 2			151.10	151.10	146.70	(4.40)	\$ 71.14	\$ (313.02)
Hog Bay								
UF								
	8,889.40	10,911.50	12,640.80	32,441.70	31,691.00	(750.70)		\$ (53,404.80)

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CONFIDENTIAL

Source As Referenced

WIP/6-5
1-16

**Progress Energy Florida
CEMs Emissions Summary**

01/01/07 - 12/31/07 *TH*

Docket No.: 080007-EI

**CEMs Emissions Summary
(Aug07) A B**

Facility Name	Unit #	Month	Emissions (tons)	WAC	Expense Amount
Anclote	Unit 1	Aug	1,612.60	71.14	\$ 114,720.36
Anclote	Unit 2	Aug	1,834.00	71.14	\$ 130,470.76
Anclote Total			3,446.60		\$ 245,191.12
Bartow	Unit 1	Aug	525.70	71.14	\$ 37,398.30
Bartow	Unit 2	Aug	388.60	71.14	\$ 27,645.00
Bartow	Unit 3	Aug	904.20	71.14	\$ 64,324.79
Bartow Total			1,818.50		\$ 129,368.09
Crystal River 1/2	Unit 1	Aug	1,541.00	71.14	\$ 109,626.74
Crystal River 1/2	Unit 2	Aug	1,472.30	71.14	\$ 104,739.42
Crystal River 1/2 Total			3,013.30		\$ 214,366.16
Crystal River 4/5	Unit 4	Aug	2,766.10	71.14	\$ 196,780.35
Crystal River 4/5	Unit 5	Aug	2,516.70	71.14	\$ 179,038.04
Crystal River 4/5	Unit 5	Aug	1.90	71.14	\$ 135.17
Crystal River 4/5	Unit 5	Aug	1.20	71.14	\$ 85.37
Crystal River 4/5	Unit 5	Aug	2.00	71.14	\$ 142.28
Crystal River 4/5	Unit 5	Aug	11.80	71.14	\$ 839.45
Crystal River 4/5	Unit 5	Aug	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	Aug	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	Aug	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 5	Aug	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 5	Aug	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 5	Aug	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	Aug	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	Aug	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	Aug	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	Aug	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	Aug	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	Aug	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	Aug	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	Aug	0.10	71.14	\$ 7.11
Crystal River 4/5 Total			5,305.20		\$ 377,411.91
Suwannee River I	Unit 1	Aug	85.70	71.14	\$ 6,096.70
Suwannee River I	Unit 2	Aug	202.90	71.14	\$ 14,434.31
Suwannee River I	Unit 3	Aug	159.60	71.14	\$ 11,353.94
Suwannee River Plant Total			448.20		\$ 31,884.95
Grand Total			14,061.30		\$ 998,222.23

WAC calculated by Accounting
Tons Estimate by ESS, S Millsaps

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CONFIDENTIAL

4/21/07

Source: As Referenced

W/P 16-5
1-11

Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07 *TH*

Docket No.: 080007-EI

CEMs Emissions Summary

(Sep07)

A B

Facility Name	Unit #	Month	Mthly SO2 Emissions (tons)	WAC	Expense Amount
Anclore	Unit 1	SEP	1,189.50	71.14	\$ 84,621.03
Anclore	Unit 2	SEP	1,245.80	71.14	\$ 88,626.21
Anclore Total			2,435.30		\$ 173,247.24
Bartow	Unit 1	SEP	350.00	71.14	\$ 24,899.00
Bartow	Unit 2	SEP	393.60	71.14	\$ 28,000.70
Bartow	Unit 3	SEP	707.30	71.14	\$ 50,317.32
Bartow Total			1,450.90		\$ 103,217.02
Crystal River 1/2	Unit 1	SEP	1,592.90	71.14	\$ 113,318.91
Crystal River 1/2	Unit 2	SEP	1,918.50	71.14	\$ 136,482.09
Crystal River 1/2 Total			3,511.40		\$ 249,801.00
Crystal River 4/5	Unit 1	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 1	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 4	SEP	2,646.60	71.14	\$ 188,279.12
Crystal River 4/5	Unit 5	SEP	2,222.40	71.14	\$ 158,101.54
Crystal River 4/5	Unit 5	SEP	-	71.14	\$ -
Crystal River 4/5	Unit 5	SEP	-	71.14	\$ -
Crystal River 4/5	Unit 5	SEP	-	71.14	\$ -
Crystal River 4/5	Unit 5	SEP	1.30	71.14	\$ 92.48
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 5	SEP	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 5	SEP	0.10	71.14	\$ 7.11
Crystal River 4/5 Total			4,872.20		\$ 346,608.26
Suwannee River Plant	Unit 1	SEP	11.80	71.14	\$ 839.45
Suwannee River Plant	Unit 2	SEP	165.20	71.14	\$ 11,752.33
Suwannee River Plant	Unit 3	SEP	15.50	71.14	\$ 1,102.67
Suwannee River Plant Total			192.50		\$ 13,694.45
Grand Total			12,462.30		\$ 886,567.97

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CONFIDENTIAL

Source: As Referenced

*W/P 16-5
1-12*

Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07 *HT*

Docket No.: 080007-EI

DECLASSIFIED

CEMs Emissions Summary
(Oct07) *A B*

Facility Name	Unit #	Month	Mthly SO2 Emissions (tons)	WAC	Expense Amount
Anclote	Unit 1	OCT	885.10	71.14	\$ 62,966.01
Anclote	Unit 2	OCT	1,649.90	71.14	\$ 117,373.89
Anclote Total			2,535.00		\$ 180,339.90
Bartow	Unit 1	OCT	453.70	71.14	\$ 32,276.22
Bartow	Unit 2	OCT	237.70	71.14	\$ 16,909.98
Bartow	Unit 3	OCT	806.50	71.14	\$ 57,374.41
Bartow Total			1,497.90		\$ 106,560.61
Crystal River 1/2	Unit 1	OCT	1,742.60	71.14	\$ 123,968.56
Crystal River 1/2	Unit 2	OCT	2,240.40	71.14	\$ 159,382.06
Crystal River 1/2 Total			3,983.00		\$ 283,350.62
Crystal River 4/5	Unit 1	OCT	-	71.14	\$ -
Crystal River 4/5	Unit 1	OCT	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 1A	OCT	-	71.14	\$ -
Crystal River 4/5	Unit 1B	OCT	-	71.14	\$ -
Crystal River 4/5	Unit 2A	OCT	-	71.14	\$ -
Crystal River 4/5	Unit 2B	OCT	0.20	71.14	\$ 14.23
Crystal River 4/5	Unit 3A	OCT	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 3B	OCT	0.40	71.14	\$ 28.46
Crystal River 4/5	Unit 4	OCT	2,235.10	71.14	\$ 159,005.01
Crystal River 4/5	Unit 5	OCT	1,139.60	71.14	\$ 81,071.14
Crystal River 4/5	Unit P10	OCT	5.80	71.14	\$ 412.61
Crystal River 4/5	Unit P10	OCT	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit P11	OCT	7.20	71.14	\$ 512.21
Crystal River 4/5	Unit P12	OCT	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit P13	OCT	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit P14	OCT	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit P7	OCT	2.80	71.14	\$ 199.19
Crystal River 4/5	Unit P7	OCT	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit P8	OCT	3.40	71.14	\$ 241.88
Crystal River 4/5	Unit P8	OCT	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit P9	OCT	2.80	71.14	\$ 199.19
Crystal River 4/5	Unit P9	OCT	0.10	71.14	\$ 7.11
Crystal River 4/5 Total			3,398.50		\$ 241,769.26
Suwannee River P	Unit 1	OCT	0.10	71.14	\$ 7.11
Suwannee River P	Unit 2	OCT	111.00	71.14	\$ 7,896.54
Suwannee River P	Unit 3	OCT	0.30	71.14	\$ 21.34
Suwannee River Plant Total			111.40		\$ 7,924.99
Grand Total			11,525.80		\$ 819,945.38
ESS email file of 11/1/07			11,525.80		
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CONFIDENTIAL

Source: As Referenced

W/P 16-5
1-13

Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07 *TH*

Docket No.: 080007-EI

CEMs Emissions Summary

(Nov07) *A B*

Facility Name	Unit #	Month	Mthly SO2 Emissions (tons)	WAC	Expense Amount
Anclote	Unit 1	NOV	440.30	71.14	\$ 31,322.94
Anclote	Unit 2	NOV	1,135.90	71.14	\$ 80,807.93
Anclote Total			1,576.20		\$ 112,130.87
Bartow	Unit 1	NOV	241.10	71.14	\$ 17,151.85
Bartow	Unit 2	NOV	159.10	71.14	\$ 11,318.37
Bartow	Unit 3	NOV	271.00	71.14	\$ 19,278.94
Bartow Total			671.20		\$ 47,749.16
Crystal River 1/2	Unit 1	NOV	1,526.10	71.14	\$ 108,566.75
Crystal River 1/2	Unit 2	NOV	2,243.00	71.14	\$ 159,567.02
Crystal River 1/2 Total			3,769.10		\$ 268,133.77
Crystal River 4/5	Unit 4	NOV	2,120.00	71.14	\$ 150,816.80
Crystal River 4/5	Unit 5	NOV	2,261.00	71.14	\$ 160,847.54
Crystal River 4/5	Unit P7	NOV	-	71.14	\$ -
Crystal River 4/5	Unit P8	NOV	-	71.14	\$ -
Crystal River 4/5	Unit P9	NOV	-	71.14	\$ -
Crystal River 4/5	Unit P10	NOV	-	71.14	\$ -
Crystal River 4/5	Unit 1A	NOV	0.20	71.14	\$ 14.23
Crystal River 4/5	Unit 1B	NOV	0.10	71.14	\$ 7.11
Crystal River 4/5	Unit 2A	NOV	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 2B	NOV	0.30	71.14	\$ 21.34
Crystal River 4/5	Unit 3A	NOV	0.20	71.14	\$ 14.23
Crystal River 4/5	Unit 3B	NOV	0.20	71.14	\$ 14.23
Crystal River 4/5	Unit P7	NOV	-	71.14	\$ -
Crystal River 4/5	Unit P8	NOV	-	71.14	\$ -
Crystal River 4/5	Unit P9	NOV	-	71.14	\$ -
Crystal River 4/5	Unit P10	NOV	-	71.14	\$ -
Crystal River 4/5	Unit P11	NOV	0.50	71.14	\$ 35.57
Crystal River 4/5	Unit P12	NOV	-	71.14	\$ -
Crystal River 4/5	Unit P13	NOV	-	71.14	\$ -
Crystal River 4/5	Unit P14	NOV	-	71.14	\$ -
Crystal River 4/5	Unit 1	NOV	-	71.14	\$ -
Crystal River 4/5	Unit 1	NOV	0.10	71.14	\$ 7.11
Crystal River 4/5 Total			4,382.90		\$ 311,799.50
Suwannee River I	Unit 1	NOV	-	71.14	\$ -
Suwannee River I	Unit 2	NOV	-	71.14	\$ -
Suwannee River I	Unit 3	NOV	-	71.14	\$ -
Suwannee River Plant Total			-		\$ -
Grand Total			10,399.40		\$ 739,813.30

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CONFIDENTIAL

4/21/2008

Source: As Referenced

W/P 16-5
1-15

**Progress Energy Florida
CEMs Emissions Summary**

01/01/07 - 12/31/07 *TH*

Docket No.: 080007-EI

CEMs Emissions Summary
(Dec07)

Facility Name	Unit #	Month	Mthly SO2 Emissions		Expense Amount	
			(tons)	WAC		
Ancote	Unit 1	Dec	976.00	71.13	\$ 69,422.88	1
Ancote	Unit 2	Dec	158.40	71.13	\$ 11,266.99	2
Ancote Total			1,134.40		\$ 80,689.87	3
Bartow	Unit 1	Dec	293.50	71.13	\$ 20,876.66	4
Bartow	Unit 2	Dec	-	71.13	\$ -	5
Bartow	Unit 3	Dec	496.10	71.13	\$ 35,287.59	6
Bartow Total			789.60		\$ 56,164.25	7
Crystal River 1/2	Unit 1	Dec	1,573.90	71.13	\$ 111,951.51	8
Crystal River 1/2	Unit 2	Dec	1,772.90	71.13	\$ 126,106.38	9
Crystal River 1/2 Total			3,346.80		\$ 238,057.89	10
Crystal River 4/5	Unit 4	Dec	2,426.20	71.13	\$ 172,575.61	11
Crystal River 4/5	Unit 5	Dec	2,215.40	71.13	\$ 157,581.40	12
Crystal River 4/5	Unit P7	Dec	-	71.13	\$ -	13
Crystal River 4/5	Unit P8	Dec	-	71.13	\$ -	14
Crystal River 4/5	Unit P9	Dec	-	71.13	\$ -	15
Crystal River 4/5	Unit P10	Dec	-	71.13	\$ -	16
Crystal River 4/5	Unit 1A	Dec	0.20	71.13	\$ 14.23	17
Crystal River 4/5	Unit 1B	Dec	0.10	71.13	\$ 7.11	18
Crystal River 4/5	Unit 2A	Dec	0.20	71.13	\$ 14.23	19
Crystal River 4/5	Unit 2B	Dec	0.30	71.13	\$ 21.34	20
Crystal River 4/5	Unit 3A	Dec	0.20	71.13	\$ 14.23	21
Crystal River 4/5	Unit 3B	Dec	0.10	71.13	\$ 7.11	22
Crystal River 4/5	Unit 4A	Dec	0.10	71.13	\$ 7.11	23
Crystal River 4/5	Unit 4B	Dec	-	71.13	\$ -	24
Crystal River 4/5	Unit P7	Dec	-	71.13	\$ -	25
Crystal River 4/5	Unit P8	Dec	-	71.13	\$ -	26
Crystal River 4/5	Unit P9	Dec	-	71.13	\$ -	27
Crystal River 4/5	Unit P10	Dec	-	71.13	\$ -	28
Crystal River 4/5	Unit P11	Dec	-	71.13	\$ -	29
Crystal River 4/5	Unit P12	Dec	-	71.13	\$ -	30
Crystal River 4/5	Unit P13	Dec	-	71.13	\$ -	31
Crystal River 4/5	Unit P14	Dec	-	71.13	\$ -	32
Crystal River 4/5	Unit 1	Dec	-	71.13	\$ -	33
Crystal River 4/5	Unit 2	Dec	-	71.13	\$ -	34
Crystal River 4/5	Unit 3	Dec	-	71.13	\$ -	35
Crystal River 4/5	Unit 1	Dec	-	71.13	\$ -	36
Crystal River 4/5	Unit 1	Dec	-	71.13	\$ -	37
Crystal River 4/5 Total			4,642.80		\$ 330,242.37	38
Grand Total			9,913.60		\$ 705,154.38	39

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R:\Environmental\FERC\Audits - FPSC\2007\PEF ADI 12-26 SO2 December 07\Leads\119

Source: As Referenced

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1-16

Progress Energy Florida
CEMs Emissions Summary

01/01/07 - 12/31/07 *TH*

Docket No.: 080007-EI

INVOICE

Morgan Stanley Capital Group Inc.
2000 Westchester Avenue
Attn: Commodities
Purchase, NY 10577-2530

INVOICE DATE: 16-Jan-2007
INVOICE NO: 10109258-K
DUE DATE: 19-Jan-2007

YOUR REFERENCE forward sale so2
MATCH NO: 10018494

TO: Florida Power Corporation d/b/a Progress Energy Flori
ATTN: Olivia Fitzgerald
VOICE: 919-546-4168
FAX: 19195463258

FROM: Ryan Cioffari
VOICE:
FAX:

ADDRESS:

2005-53

TRADE	TRADE DATE	DESCRIPTION	TAX% TAX	QUANTITY	UNIT PRICE	AMOUNT DUE	WITHHOLD AMOUNT
10595641	6/24/2005	Sell Sulfur Dioxide DLVD		<i>A</i> 13,000 EA	<i>B</i> 800.0000 USD	10,400,000.00	0.00

TOTAL DUE TO (FROM) Morgan Stanley Capital Group Inc. IN USD 10,400,000.00
16-5

PLEASE PAY ACCORDING TO THE FOLLOWING INSTRUCTIONS:

Morgan Stanley Capital Group, Inc.
Northern Trust International NY
Account Number [REDACTED]
ABA No. [REDACTED]

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Florida Power Corporation d/b/a Progress Energy Florida, Inc., Page 1 of 1

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Source: As Referenced

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