

**Fuel and Purchased Power Costs - Crystal River De-rate Study**

**REDACTED**

**Annual Costs**

	2006	2007	2008	2009	2010	Line
<b>Annual Averages:</b>						
Coal \$/MMBtu	\$ 2.99					1
Gas \$/MMBtu (excludes pipeline fixed cost)	\$ 8.89					2
#6 Oil \$/MMBtu	\$ 7.55					3
#2 Oil \$/MMBtu	\$ 17.79					4
<b>Annual Purchases</b>						
Energy MWh	5,912,100					5
Energy Cost \$/MWh	\$ 39.83					6
<b>Annual Cogeneration Purchases</b>						
Energy MWh	4,611,100					7
Energy Cost \$/MWh	\$ 32.79					8

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**Monthly Fuel Costs**

Monthly Fuel Cost Summary	Coal \$/MMBtu	Gas \$/MMBtu (excludes pipeline fixed cost)	#6 Oil \$/MMBtu	#2 Oil \$/MMBtu	Line
Jan-06	\$ 2.99	\$ 9.24	\$ 7.73	\$ 18.45	9
Feb-06	\$ 2.99	\$ 10.44	\$ 7.69	\$ 18.55	10
Mar-06	\$ 2.98	\$ 10.31	\$ 8.12	\$ 18.51	11
Apr-06	\$ 2.98	\$ 9.26	\$ 5.83	\$ 17.54	12
May-06	\$ 2.99	\$ 7.92	\$ 6.33	\$ 17.26	13
Jun-06	\$ 2.98	\$ 8.09	\$ 6.70	\$ 17.07	14
Jul-06	\$ 2.99	\$ 8.37	\$ 7.54	\$ 17.12	15
Aug-06	\$ 2.99	\$ 8.47	\$ 7.58	\$ 17.23	16
Sep-06	\$ 2.98	\$ 8.04	\$ 7.07	\$ 17.41	17
Oct-06	\$ 2.99	\$ 7.71	\$ 7.85	\$ 17.50	18
Nov-06	\$ 3.03	\$ 10.26	\$ 9.02	\$ 18.32	19
Dec-06	\$ 3.02	\$ 8.52	\$ 9.15	\$ 18.50	20
Jan-07					21
Feb-07					22
Mar-07					23
Apr-07					24
May-07					25
Jun-07					26
Jul-07					27
Aug-07					28
Sep-07					29
Oct-07					30
Nov-07					31
Dec-07					32
Jan-08					33
Feb-08					34
Mar-08					35
Apr-08					36
May-08					37
Jun-08					38
Jul-08					39
Aug-08					40
Sep-08					41
Oct-08					42
Nov-08					43
Dec-08					44
Jan-09					45
Feb-09					46
Mar-09					47
Apr-09					48
May-09					49
Jun-09					50
Jul-09					51
Aug-09					52
Sep-09					53
Oct-09					54
Nov-09					55
Dec-09					56
Jan-10					57
Feb-10					58
Mar-10					59
Apr-10					60
May-10					61
Jun-10					62
Jul-10					63
Aug-10					64
Sep-10					65
Oct-10					66
Nov-10					67
Dec-10					68

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## Assumptions

1 2006 - 2007 fuel and purchase power prices based on Nov 2005 Fuel & Operations Forecast (short-term model).  
2008 - 2010 fuel and purchase power prices based on the Nov 2005 Generation & Fuel Forecast (long-term model).  
Fuel prices shown represent average delivered fuel prices

2 Gas price \$/MMBtu exclude pipeline fixed costs.

3 Purchased Power contracts include the following contracts by year

Year	Contract	Max MW
2006	CP&Lime	133
	Southern UPS	412
	Summer 06 Purchase	100
	TECO	70
	Winter 06 Purchase	500
2007	CP&Lime	133
	Shady Hills	520
	Southern UPS	412
	Summer 07 Purchase	100
	TECO	70
2008	CP&Lime	133
	Shady Hills	478
	Southern UPS	414
	TECO	70
	Winter 200 Purchase	200
2009	CP&Lime	133
	Shady Hills	478
	Southern UPS	414
	TECO	70
	Winter 200 Purchase	200
2010	CP&Lime	133
	Shady Hills	478
	SoCo Franklin	342
	SoCo Scherer	71
	Southern UPS	414
TECO	70	

## Assumptions

4 Cogeneration contracts include the following contracts by year

Year	Contract	Max MW
2006	Auburn (As Avail)	
	Bay County	11
	Cargill	15
	Dade County	43
	El Dorado	114
	Lake Cogen	110
	Lake County	13
	LFC	17
	Mulberry	79
	Orange Cogen	74
	Orlando Cogen	79
	Pasco Cogen	109
	Pasco County	23
	Pinellas County	55
	Ridge Gen St	40
	Royster	31
2007	Auburn (As Avail)	
	Cargill	15
	Dade County	43
	El Dorado	114
	Lake Cogen	110
	Lake County	13
	LFC	17
	Mulberry	79
	Orange Cogen	74
	Orlando Cogen	79
	Pasco Cogen	109
	Pasco County	23
	Pinellas County	55
	Ridge Gen St	40
	Royster	31
2008 - 2010	Auburn (As Avail)	
	Dade County	43
	El Dorado	114
	G2 Energy	11
	Lake Cogen	110
	Lake County	13
	LFC	17
	Mulberry	79
	Orange Cogen	74
	Orlando Cogen	79
	Pasco Cogen	109
	Pasco County	23
	Pinellas County	55
	Ridge Gen St	40
	Royster	31