## BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

## DOCKET NO. 050001-EI FLORIDA POWER & LIGHT COMPANY

**APRIL 1, 2005** 

IN RE: LEVELIZED FUEL COST RECOVERY
AND CAPACITY COST RECOVERY

HEDGING ACTIVITY
JANUARY 2004 THROUGH DECEMBER 2004

**TESTIMONY & EXHIBITS OF:** 

G. J. YUPP

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		FLORIDA POWER & LIGHT COMPANY
3		TESTIMONY OF GERARD YUPP
4		DOCKET NO. 050001-EI
5		APRIL 1, 2005
6	Q.	Please state your name and address.
7	A.	My name is Gerard Yupp. My business address is 700 Universe
8		Boulevard, North Palm Beach, Florida, 33408.
9		
10	Q.	By whom are you employed and what is your position?
11	A.	I am employed by Florida Power & Light Company (FPL) as Director
12		of Wholesale Operations in the Energy Marketing and Trading
13		Division.
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15	Q.	Have you previously testified in the predecessors to this
16		docket?
17	A.	Yes.
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19	Q.	What is the purpose of your testimony?
20	A.	The purpose of my testimony is to provide a review of FPL's 2004
21		hedging activity, including the detail required by Item 5 of the
22		Resolution of Issues in Docket 011605-El approved by the

Commission per Order No. PSC-02-1484-FOF-EI, which states:

5. Each investor-owned utility shall provide, as part of its final true-up filing in the fuel and purchased power cost recovery docket, the following information: (1) the volumes of each fuel the utility actually hedged using a fixed price contract or instrument; (2) the types of hedging instruments the utility used, and the volume and type of fuel associated with each type of instrument; (3) the average period of each hedge; and (4) the actual total cost (e.g. fees, commissions, options premiums, futures gains and losses, swaps settlements) associated with using each type of hedging instrument.

Additionally, this testimony addresses Items 13 and 14 from Staff's workshop held on January 12, 2005. Item 13 requires each utility to provide "a numerical comparison of the annual average price paid for each fuel type (i.e., natural gas and oil) in the immediately preceding year to the market price for each fuel type". Item 14 requires the same comparison for solid fuel. FPL's methodology for these comparisons is divided into three categories: 1) hedged commodities (i.e., natural gas and residual fuel oil), 2) light fuel oil and 3) coal. For natural gas and residual fuel oil, my testimony will provide a general overview of FPL's hedging program process and its physical fuel procurement process. My testimony demonstrates that the hedging results FPL files each year provide the numerical

1		comparison for natural gas and residual fuel oil that is contemplated
2		by Item 13. Finally, my testimony separately addresses market
3		comparisons and the methodology behind those comparisons for
4		light fuel oil and coal.
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б	Q.	Are you sponsoring any Documents for this proceeding?
7	A.	Yes. I am sponsoring the following Documents:
8		GJY-1:2004 Hedging Activity
9		GJY-2: 2004 Light Oil Procurement Example
10		GJY-3:2004 Solid Fuel Activity
11		GJY-4: Evaluation of Petcoke Supply Bids for 2004 (SJRPP)
12		GJY-5:Long Term PRB RFP, February-March 2004 (Miller and
13		Scherer)
14		GJY-6:Long Term PRB RFP, August-September 2004 (Scherer)
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16	Q.	Please describe FPL's hedging objectives.
17	A.	FPL's fuel hedging strategy aims to benefit FPL's customers by
18		reducing fuel price volatility, and to the extent possible, mitigating
19		fuel price increases, while maintaining the opportunity to take
20		advantage of price decreases in the marketplace. The primary
21		objective of FPL's hedging program is to reduce fuel price volatility,
22		thereby helping to deliver greater price certainty to FPL's customers.
23		Although FPL's hedging strategies may result in fuel savings to

FPL's customers, FPL does not execute speculative hedging strategies aimed at "out guessing" the market in the hopes of potentially returning savings to FPL's customers. FPL has implemented a well-disciplined, well-defined and controlled hedging program that is executed in compliance with FPL's risk management policies and procedures.

A.

## 8 Q. Please summarize FPL's 2004 hedging activities.

FPL's 2004 hedging activities were successful in reducing fuel price volatility and delivering greater price certainty for FPL's customers. Because the market trended upward after FPL's hedge positions were in place for 2004, FPL's hedging activities in 2004 also delivered a significant amount of fuel savings to FPL's customers (approximately \$250 million). FPL will continue to monitor the fundamentals of the energy markets and, as conditions change, FPL will make further adjustments to its hedging program to meet its objective of reduced fuel price volatility. Over time, FPL expects that the cumulative impact of its hedging program will reduce fuel price volatility and deliver greater price certainty for FPL's customers, while roughly balancing out the savings and losses resulting from the hedged positions.

## 23 Q. Does your Document GJY-1 provide the detail on FPL's 2004

1		hedging	activities	required	by	Item	5	of	the	Resolution	of
2		Issues?									
3	A.	Yes.									

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Q. Please describe how FPL implemented, executed and managed 5 its hedging strategy throughout the recovery period. 6

> FPL's approach has been to analyze the appropriate hedging strategy for the next recovery period during the first quarter of the previous year. This analysis includes the determination of the appropriate hedge percentages of both natural gas and residual fuel oil and the appropriate hedge instruments to utilize for each commodity. The goal of this analysis is to ensure that the hedging strategy will effectively reduce fuel price volatility in any hedged year by mitigating fuel price risk to FPL's customers while maintaining the opportunity to take advantage of fuel price decreases in the market to the benefit of FPL's customers. The results of this analysis are presented to management for final approval.

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After approval, the hedging strategy is executed within the Energy Marketing and Trading Division of FPL. Hedge transactions are executed throughout the agreed upon transaction period in accordance with the approved strategy until the desired hedge levels are achieved.

FPL continuously monitors its hedging levels throughout the recovery period. FPL updates its fuel burn projections for the entire recovery period on a weekly basis. These projections incorporate the latest available information, including fuel prices, generation availability and load. To the extent that the updated fuel burn projections cause a change in FPL's hedge percentages that are outside of the approved tolerance band, FPL will rebalance its hedge positions within its predefined parameters as defined in the approved hedging strategy. This procedure for monitoring and, as required, rebalancing its hedging levels allows FPL to quickly respond to changes in the fuel market and adjust its hedged positions accordingly.

Q

A.

## Is the procurement of natural gas and residual fuel oil physical fuel supply separate from FPL's hedging program?

Generally, yes. Most of FPL's hedge positions are transacted in the financial markets, and are not associated with physical deliveries. The physical supply of natural gas and residual fuel oil is predominately priced at a NYMEX settlement price or at an established index. FPL does, however, procure some of its long-term physical fuel supply on a fixed price basis, and the gains and losses resulting from these transactions are included in FPL's

hedging results.

Regardless of the pricing mechanism, FPL's procurement of long-term physical fuel supply for natural gas and residual fuel oil is based upon the same fuel burn projections that FPL uses to execute and manage its hedging strategy. Short-term procurement or spot procurement (monthly, next day, intra-day, spot cargo) is utilized to supplement those long-term transactions, as needed to compensate for variations in natural gas and residual fuel oil requirements on a monthly and daily basis. For natural gas, monthly procurement is primarily transacted as a differential (basis) off the NYMEX settlement ("at the market"). Next day and intra-day transactions are typically executed at a fixed price or index. Daily fixed price and index transactions are deemed to have occurred "at the market" and are not included in the hedge results. For residual fuel oil, spot requirements are generally procured at an index and therefore represent the market at the time of delivery.

Q.

- Do the results of FPL's hedging activity for natural gas and residual fuel oil, as shown in Document GJY-1, provide the market-price comparison requested in Item 13 from Staff's workshop held on January 12, 2005?
- 23 A. Yes. As described above, a large portion of FPL's physical fuel

supply for natural gas and residual fuel oil is procured at NYMEX settlement or market indices. A comparison of FPL's price paid versus the market price for the physical supply of these fuels would show no significant difference between the two. The variance from "market" in FPL's overall fuel price for natural gas and residual fuel oil is generated from the application of its hedging gains/losses and option premiums/transaction fees to the total dollars paid for each commodity on a monthly basis. Because hedging gains and losses are calculated by comparing the execution price of each hedge position to the market price at the time of liquidation, these gains or losses provide a good representation of the total price FPL paid for natural gas and residual fuel oil versus the market price for those fuels.

A.

# Q. Does Document GJY-1 provide a market-price comparison for light fuel oil?

No. Document GJY-1 covers only natural gas and residual fuel oil.

At this point, these are the only two fuel commodities that FPL specifically hedges. Light fuel oil is used for unplanned peaking events. These events are unpredictable, and therefore are not included as part of the hedging program.

## Q. How does the price FPL paid for light fuel oil compare to the

#### market price for light fuel oil during 2004?

FPL procures light fuel oil on an as-needed basis ("spot"). All spot procurement for light fuel oil is transacted at the applicable market index. Therefore, FPL's price paid for light fuel oil matches the market price at the time of delivery. An example of this comparison is shown in Document GJY-2, which details an actual light fuel oil transaction from 2004. The transaction was for approximately 420,000 gallons of light fuel oil priced at an applicable index. Delivery of the 420,000 gallons occurred over a ten-day window. Document GJY-2 compares the total dollars FPL was invoiced for each delivery with FPL's calculation of what the total dollars should be for each delivery. The calculation is performed by taking the published index (as agreed to in the transaction terms) multiplied by the received volume and adding in transport and pollution tax charges. The difference between the invoiced total dollars and the calculation total dollars should be zero if FPL paid the agreed upon market price index, which is the case for the illustrative transaction shown in Document GJY-2. This transaction is representative of all of FPL's light fuel oil procurement during 2004. Thus, the prices FPL paid for light fuel oil equal the market price of light fuel oil during 2004.

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#### Q. Please describe FPL's coal procurement process.

A. The procurement of coal or petroleum coke is accomplished through one of three different mechanisms: 1) a bidding process, 2) spot purchases or 3) contract negotiations. At St. John's River Power Park (SJRPP), procurement is done through JEA, the Operating Agent for SJRPP, on behalf of FPL. At Plant Scherer, procurement is done through Georgia Power Company, as Operating Agent for FPL.

Q.

Please provide the methodology FPL utilized to determine a comparison between the prices FPL paid for coal versus the market price for coal during 2004, as required by Item 14 of the outcomes of Staff's workshop held on January 12, 2005.

A. FPL's 2004 coal procurement activity is summarized in Document GJY-3: 2004 Solid Fuel Activity. This Document shows all coal procurement transactions entered into during 2004, detailed by supplier, transaction type, commodity, term, purchase price and market price (deliveries of coal pursuant to contracts that were entered into prior to 2004 are not considered "2004 transactions" and hence are not included on Document GJY-3). Transactions are also grouped by location: "SJRPP" or "Plant Scherer."

Transactions executed through a bid process are considered to be priced "at the market," as the bid represents current available prices

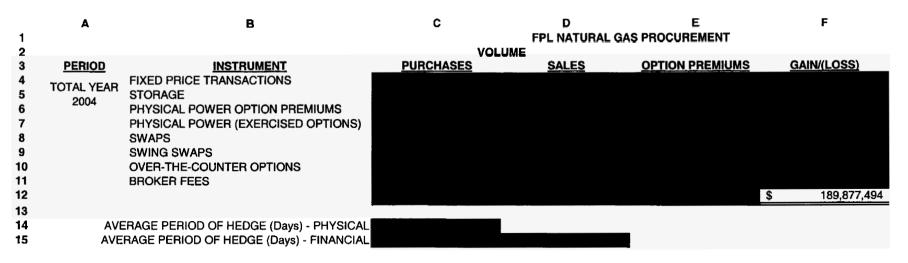
for the specific type of coal and other circumstances specified in the bid solicitation. Details of transactions that were executed through bidding processes are provided in Documents GJY-4, GJY-5 and GJY-6.

Spot purchases for both SJRPP and Plant Scherer are compared on Document GJY-3 to the best available market data at the time of the purchase.

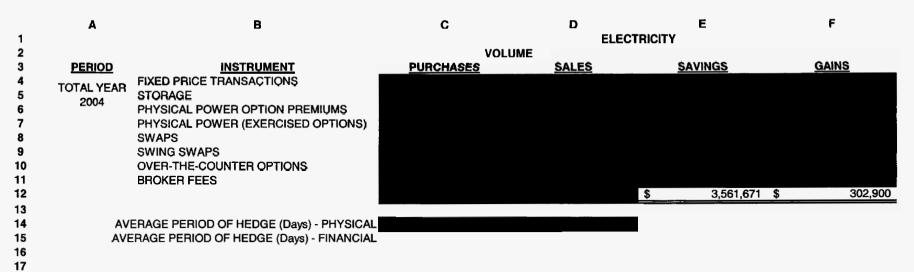
Finally, for SJRPP, there were two transactions that fell into the "contract negotiation" category. The first involves SJRPP's term contract with the Coal Marketing Company (CMC). This contract provides, in part, for an annual tonnage nomination. The initial 2004 procurement strategy for SJRPP envisioned a solicitation for spot tonnage and therefore less than the maximum contract tonnage was nominated with CMC. Observing the run up in both the domestic and international steam coal markets, SJRPP was able to secure a narrow window to re-open the process and subsequently nominated the maximum contract tonnage. The contract price and a comparative market price at the time the nomination was made are shown on Document GJY-3, Line 12. Finally, SJRPP's contract with James River Coal Sales, Inc. was amended in the first quarter of 2004 through a negotiation process. The revised mine price was

- less than a comparative market price as shown on Document GJY-
- 2 **3, Line 9**.

- 4 Q. Does this conclude your testimony?
- 5 A. Yes, it does.



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3	PERIOD	<u>INSTRUMENT</u>	<u>PURCHASES</u>	<u>SALES</u>	OPTION PREMIUMS	GAIN/(LOSS)
4	TOTAL YEAR	FIXED PRICE TRANSACTIONS				
5	2004	STORAGE				
6	2004	PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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13		'				
14	AVE	RAGE PERIOD OF HEDGE (Days) - PHYSICAL				
15	AVE	RAGE PERIOD OF HEDGE (Days) - FINANCIAL				



Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

1 2	A	В	С		E GAŞ PROCUREMENT	F
_			VOLU	JME		
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	<u>PURCHASES</u>	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4 5 6 7 8 9	January-04	FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11 12		BROKER FEES				

1	A	В	C	D EDI HEAVVENE	E L OIL PROCUREMENT	F
,			VOL 11		L OIL PROCUREMENT	
2			VOLU	ME		
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	<u>PURCHASES</u>	<u>SALES</u>	<u>OPTION PREMIUMS</u>	GAIN/(LOSS)
4	January-04	FIXED PRICE TRANSACTIONS				
5	<u>-</u>	STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
g		SWAPS				
۵		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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	Α	В	С	D	E	F
1					ELECTRICITY	
2			VOLUME			
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	<u>PURCHASES</u>	SALES	<u>SAVINGS</u>	<u>GAINS</u>
4	January-04	FIXED PRICE TRANSACTIONS				
5	•	STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						
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	<u>u</u>	GAIN/(LOSS)
	D FPL NATURAL GAS PROCUREMENT	OPTION PREMIUMS
		SALES
CONFIDENTIAL	v	PURCHASES
	æ	INSTRUMENT FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS OVER-THE-COUNTER OPTIONS BROKER FEES
	∢	PERIOD February-04

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1	A	В	C	D ELECT	E RICITY	F
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3	<b>PERIOD</b>	<u>INSTRUMENT</u>	PURCHASES	SALES	SAVINGS	GAINS
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5	•	STORAGE				
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7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS	~			
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

	A	В	С	D	E	F
1				FPL NATURAL G	AS PROCUREMENT	
2			VOL	UME		
3	PERIOD	<u>INSTRUMENT</u>	<b>PURCHASES</b>	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4	March-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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1	A	В	C		E OIL PROCUREMENT	F
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5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

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A	В	C	D	E	F
			FPL NATURAL G	AS PROCUREMENT	
		VOLU	JME .		
<u>PERIOD</u>	INSTRUMENT	PURCHASES	SALES	OPTION PREMIUMS	GAIN/(LOSS)
April-04	FIXED PRICE TRANSACTIONS				<u></u>
-	STORAGE				
	PHYSICAL POWER OPTION PREMIUMS				
	PHYSICAL POWER (EXERCISED OPTIONS)				
	SWAPS `				
	SWING SWAPS				
	OVER-THE-COUNTER OPTIONS				
	BROKER FEES				
		PERIOD April-04 FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS OVER-THE-COUNTER OPTIONS	PERIOD April-04 FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS OVER-THE-COUNTER OPTIONS	PERIOD April-04 FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS OVER-THE-COUNTER OPTIONS	PERIOD INSTRUMENT PURCHASES SALES OPTION PREMIUMS April-04 FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS OVER-THE-COUNTER OPTIONS

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2			VOLU	IME		
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	PURCHASES	<u>SALES</u>	<u>SAVINGS</u>	GAINS
4	April-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						
13						

Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

1	A	В	С		E AS PROCUREMENT	F
2			VOLU			
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	<u>PURCHASES</u>	<u>SALES</u>	OPTION PREMIUMS	GAIN/(LOSS)
4	May-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

1	A	В	C		E L OIL PROCUREMENT	F
	ERIOD May-04	INSTRUMENT FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS OVER-THE-COUNTER OPTIONS BROKER FEES	VOL <u>PURCHASES</u>	UME <u>SALES</u>	OPTION PREMIUMS	GAIN/(LOSS)

1	A	В	С	D ELECTRI	E	F
2			VOLI			
3	PERIOD	<u>INSTRUMENT</u>	<u>PURCHASES</u>	SALES	SAVINGS	GAINS
4	May-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS	•			
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

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3	PERIOD	INSTRUMENT	PURCHASES	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4 5 6 7 8 9 10 11	June-04	FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS OVER-THE-COUNTER OPTIONS BROKER FEES				

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4	June-04	FIXED PRICE TRANSACTIONS		-		
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

	A	В	С	D	E	F
1					ELECTRICITY	
2			VOLUME			
3	<u>PERIOD</u>	INSTRUMENT	<u>PURCHASES</u>	<u>SALES</u>	<u>SAVINGS</u>	<u>GAINS</u>
4	June-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9.		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

1	A	В	С	D FPL NATURAL G	E AS PROCUREMENT	F
2			VOLU	ME		
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	PURCHASES	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4	July-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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1	A	В	С	D FPL HEAVY FUEL	E . OIL PROCUREMENT	F
2			VOLU			
3	PERIOD	INSTRUMENT	PURCHASES	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4	July-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

	A	В	С	Ð	E	F
1				ELECTRI	CITY	
2			VOLU	JME		
3	PERIOD	<u>INSTRUMENT</u>	<u>PURCHASES</u>	<u>SALES</u>	<u>SAVINGS</u>	<u>GAINS</u>
4	July-04	FIXED PRICE TRANSACTIONS				
5	-	STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
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11		BROKER FEE\$				
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

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1	A	В	С	D FPL NATURAL G	E AS PROCUREMENT	F
2			VOLU			
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	<u>PURCHASES</u>	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4	August-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

1	A	В	С	D FPL HEAVY FUEL	E . OIL PROCUREMENT	F
2			VOLU	IME		
3	PERIOD	INSTRUMENT	<u>PURCHASES</u>	SALES	OPTION PREMIUMS	<u>GAIN/(LOSS)</u>
4	August-04	FIXED PRICE TRANSACTIONS				
5	_	STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

1	A	В	С	D ELECTF	E	F
2			VOLU			
3	<b>PERIOD</b>	<u>INSTRUMENT</u>	<b>PURCHASES</b>	SALES	SAVINGS	GAINS
4	August-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

1	A	В	С	D FPL NATURAL GA	E AS PROCUREMENT	F
2			VOLU	ME		
3	PERIOD	INSTRUMENT	PURCHASES	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4	September-04	FIXED PRICE TRANSACTIONS				
5	•	STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

1 2	A	В	C VOLI		E OIL PROCUREMENT	F
3 4 5 6 7 8 9 10 11 12	PERIOD September-04	INSTRUMENT FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS OVER-THE-COUNTER OPTIONS BROKER FEES	<u>PURCHASES</u>	SALES	OPTION PREMIUMS	GAIN/(LOSS)

	A	В	С	D	E	F
1				ELECT	RICITY	
2			VOL			
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	<u>PURCHASES</u>	SALES	<u>SAVINGS</u>	<u>GAINS</u>
4	September-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				·
8		SWAPS				
9		SWING SWAPS				:
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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13				1		
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

	A	В	С	D	E	F
1				FPL NATURAL (	GAS PROCUREMENT	
2			VOLU	JME		
3	PERIOD	<u>INSTRUMENT</u>	<u>PURCHASES</u>	<u>SALES</u>	<u>OPTION PREMIUMS</u>	GAIN/(LOSS)
4	October-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

1	A	В	C		E . OIL PROCUREMENT	F
3	PERIOD	INSTRUMENT	VOLU PURCHASES	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4	October-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

	A	В	С	D	E	F
1				ELECTI	RICITY	
2			VOLU	ME		
3	<u>PERIOD</u>	INSTRUMENT	<u>PURCHASES</u>	<u>SALES</u>	<u>SAVINGS</u>	<u>GAINS</u>
4	October-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

1 2	A	В	C		E AS PROCUREMENT	F
3 4 5 6 7 8 9 10 11	PERIOD November-04	INSTRUMENT FIXED PRICE TRANSACTIONS STORAGE PHYSICAL POWER OPTION PREMIUMS PHYSICAL POWER (EXERCISED OPTIONS) SWAPS SWING SWAPS OVER-THE-COUNTER OPTIONS BROKER FEES	PURCHASES	SALES	OPTION PREMIUMS	GAIN/(LOSS)

	Α	В	С	D	E	F
1				<b>FPL HEAVY FUE</b>	L OIL PROCUREMENT	
2			VOLU	ME		
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	<u>PURCHASES</u>	<u>SALES</u>	OPTION PREMIUMS	GAIN/(LOSS)
4	November-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

	Α	В	С	D	Ε	F
1				ELECT	RICITY	
2			VOLUME			
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	<u>PURCHASES</u>	SALES	<b>SAVINGS</b>	GAINS
4	November-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.

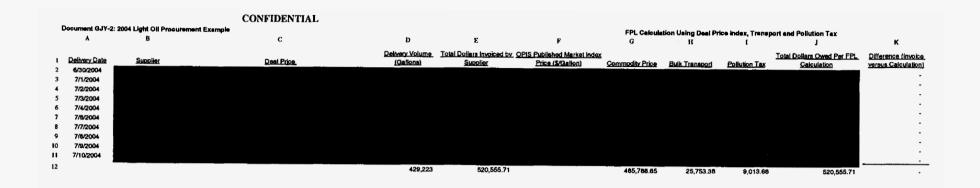
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1	A	В	С	D FPL NATURAL G	E AS PROCUREMENT	F
2			VOLU	ME		
3	PERIOD	INSTRUMENT	PURCHASES	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4	December-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

	A	В	C	D	E	F
1				FPL HEAVY FUE	L OIL PROCUREMENT	
2			VOLU	JME		
3	PERIOD	<u>INSTRUMENT</u>	<b>PURCHASES</b>	SALES	OPTION PREMIUMS	GAIN/(LOSS)
4	December-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
7		PHYSICAL POWER (EXERCISED OPTIONS)				
8		SWAPS				
9		SWING SWAPS				
10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
12						

	Α	В	С	D	E	F
1				ELECTI	RICITY	
2			VOLUM	ŀΕ		
3	<u>PERIOD</u>	<u>INSTRUMENT</u>	<u>PURCHASES</u>	SALES	<u>SAVINGS</u>	<u>GAINS</u>
4	December-04	FIXED PRICE TRANSACTIONS				
5		STORAGE				
6		PHYSICAL POWER OPTION PREMIUMS				
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10		OVER-THE-COUNTER OPTIONS				
11		BROKER FEES				
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Note: Physical power option premium volumes represent the total available volume. Physical power option exercised volumes represent the actual volumes called upon.



#### Document GJY-3: 2004 Solid Fuel Activity

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	1 2 A 3 Supplier	B	C Agreement	D Transacton	E Commodity	2004 SOLID FU F Term	EL ACTIVITY G Purchase or Reference Price	H Market Price
	4 5	Bidding Process					\$/ton	\$/ton
	S 7 SJRPP							
	8							
	9 James River Coal Sales Inc. 0	NO	Contract 2212	Amendment #6	Central Appalachian Coal, 12500 blu/lb			
	2 Coal Marketing Company (CMC) 3	NO	Contract 2210	2004 Nomination	Colombian Coal, 11,800 btu/lb			
	5 Coal Marketing Company (CMC) 6	NO	Contract 2210	Spot Cargo	Colombian Coal, 11,800 btu/lb			
1	8 Foundation Energy/Carbones del Guasare: 9	NO	PO 60302	Spot Cargo	Venezuelan Coal, 12,800 btu/lb			
	1 Capex	YES	PO 61180	2004 Spot	Petroleum Coke			
	3 Capex	YES	PO 61180	2004 Spot	Petroleum Coke			
	5 Capex	YEŞ	PO 61180	2004 Spot	Petroleum Coke			
	7 Koch Carbon	YES	PO 53567	2004 Spot	Petroleum Coke			
	9 Oxbow	YES	PO 60801	2004 Spot	Petroleum Coke			
3	0 1 Energy	YES	PO 60808	2004 Spot	Petroleum Coke			
3	2 3 Scherer #4							
	5 United Power/Peabody COALTRADE	NO	PO F-04068	Spot /OTC	PRB Coal, 8800 btu/lb			
3	6 7 RAG Coal West, Inc.	YES	PO F-04069	Spot	PRB Coal, 8400 btu/lb			
3	8 9 Constellation Power Source 0	NO	PO F-04082	Spot /OTC	PRB Coal, 8800 btu/lb			
4	0 1 Constellation Power Source 2	NO	PO F-04083	Spot /OTC	PRB Coal, 8800 btu/lb			
4	∠ 3 Powder River Coal Company 4 5	YES	PO F-05013 PO F-05013	Term Purchase Term Purchase	PRB Coal, 8800 btu/lb PRB Coal, 8800 btu/lb			
4	6 Powder River Coal Company 7 8	YES	PO F-06003 PO F-06003	Term Purchase Term Purchase	PRB Coal, 8800 btu/lb PRB Coal, 8800 btu/lb			
4	9 Powder River Coal Company	YES	PO F-07001	Term Purchase	PRB Coal, 8800 btu/lb			
	il Powder River Coal Company	YES	PO F-08003	Term Purchase	PRB Coal, 8800 btu/lb			

#### f Basis/Explanation

3/3/04 Coal Outlook Weekly Price Survey

Commodity (10/1/04 McCloskey) + Freight (10/4/04 Skaarup) Note: avoided market exposure by reopening nominations and increasing lower cost contract tons to be delivered in 04. Commodity (9/3/04 McCloskey) + Freight (9/6/04 Skaarup)

Commodity (10/1/04 McCloskey) + Freight (10/4/04 Skaarup)

See GJY-4, Evaluation of Petcoke Supply Bids for 2004, Bid A Q1 (row 2 column C)

See GJY-4, Evaluation of Petcoke Supply Bids for 2004, Bid B (row 3 column C)

See GJY-4, Evaluation of Petcoke Supply Bids for 2004, Bid A Q2 (row 4 column C)

See GJY-4, Evaluation of Petcoke Supply Bids for 2004, Bid C Q1 (row 5 column C)

See GJY-4, Evaluation of Petcoke Supply Bids for 2004 (row 6 column C)

See GJY-4, Evaluation of Petcoke Supply Bids for 2004 (row 7, column C)

5/3/04 Coal Outlook OTC Hedge Price Monitor

See GJY-5, February-March Evaluation, Bid 4B

8/9/04 Coal Outlook Weekly Price Survey

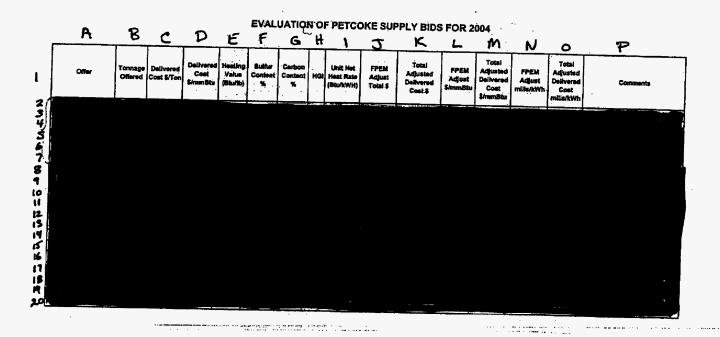
8/9/04 Coal Outlook OTC Hedge Price Monitor

See GJY-5, February-March Evaluation, Bid 3 (Peabody) See GJY-6, August-September Evaluation, Bid 4 (Peabody)

See GJY-5, February-March Evaluation, Bid 3 (Peabody) See GJY-6, August-September Evaluation, Bid 4 (Peabody)

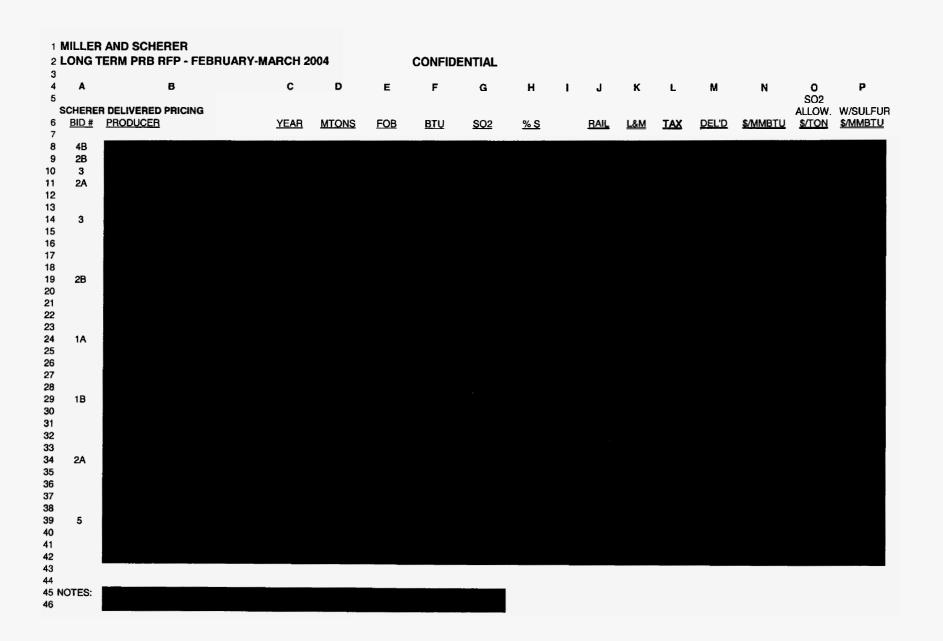
See GJY-5, February-March Evaluation, Bid 3 (Peabody)

See GJY-5, February-March Evaluation, Bid 3 (Peabody)



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GJY-4 Docket No. 050001-EI FPL Witness: Gerard Yupp 1 of 1 April 1, 2005



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