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PROGRESS ENERGY FLORIDA'S REPONSE TO STAFF'S FIFTH SET OF INTERROGATORIES (NOS. 14 – 49) DOCKET NO. 050001-EI PAGE 12

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B. Fuel Oil

YTI	D No.6 Fue	l O	il Hedge	
Perf	Performance as of 9-21-05			
	Volume Savings/(0		Savings/(Cost) on	
Month	(bbls)		Hedge	
Jan-05	360,000	\$	(577,580)	
Feb-05	300,000	\$	(34,200)	
Mar-05	300,000	\$	1,227,800	
Apr-05	375,000	\$	3,261,750	
May-05	600,000	\$	5,282,850	
Jun-05	760,000	\$	7,716,090	
Jul-05	890,000	\$	9,118,260	
Aug-05	920,000	\$	11,850,640	
Sep-05	810,000	\$	13,612,790	
Total	5,315,000	\$	51,458,400	

*estimate

C. Purchased Power

2005 YTD Economy Energy Purchases Savings for PEF			
Jan-05	397,317		
Feb-05	35,941		
Mar-05	443,023		
Apr-05	355,114		
May-05	1,595,651		
Jun-05	5,239,925		
Jul-05	10,359,548		
Aug-05	16,982,525		
YTD Total	35,409,044		

38. With the most recent data available, what is PEF's mark-to-market position for its hedging positions to be offset during the remainder of 2005?

Response: The mark-to-market positions for natural gas and No. 6 fuel oil for the remainder of 2005 are in the tables below.

PEF Natural Gas Hedging Positions as of 9-21-05			
	Total Position	Total Undiscounted Mark-	
Month	(MMAD)	to-Market Value	
Oct-05	3,661,689	\$26,818,470	
Nov-05	2,043,570	\$15,573,973	
Dec-05	3,041,689	\$24,309,641	
Total	8,746,948	\$66,702,084	

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PEF No.6 Fuel Oil Hedging Positions as of 9-21-05			
To	tal Position	Total Undiscounted	
Month	(bblo)	Mark-to-Market Value	l
Oct-05	495,000	\$6,641,178	
Nov-05	440,000	\$5,891,014	ĺ
Dec-05	320,000	\$5,004,660	
Total	1,255,000	\$17,536,852	

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39. With the most recent data available, what is PEF's mark-to-market position for its hedging positions to be offset during 2006?

Response: The mark-to-market positions for natural gas and No. 6 fuel oil for 2006 are in the tables below.

PEF Natural Gas Hedging Positions as of 9-21-05			
-	Total Position	Total Undiscounted Mark-	
Month	(MMBtu)	to-Market Value	
Jan-06	3,506,689	\$29,277,151	
Feb-06	3,167,332	\$26,039,652	
Mar-06	3,196,689	\$24,936,645	
Apr-06	1,443,570	\$8,347,450	
May-06	4,281,689	\$21,054,691	
Jun-06	4,743,570	\$23,440,641	
Jul-06	4,901,689	\$24,432,768	
Aug-06	4,901,689	\$24,653,344	
Sep-06	4,743,570	\$23,744,229	
Oct-06	3,971,689	\$20,674,764	
Nov-06	1,443,570	\$8,212,765	
Dec-06	2,421,689	\$12,916,225	
Total	42,723,435	\$247,730,325	
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PEF No.6 Fuel C	oil Hedging Po	ositions as of 9-21-05	l
1	otal Position	Total Undiscounted	
Month	(bbls)	Mark-to-Market Value	ŀ
Jan-06	345.000	\$4,549,961] /
Feb-06	305,000	\$4,509,078	2
Mar-06	305,000	\$4,538,535	3
Apr-06	300,000	\$6,201,820	4
May-06	450,000	\$9,196,150	5
Jun-06	530,000	\$9,305,712	φ
Jul-06	560,000	\$9,659,054	7
Aug-06	560,000	\$9,573,895	V
Sep-06	540,000	\$9,457,143	G
Oct-06	385,000	\$4,720,641	(0
Nov-06	235,000	\$1,674,047	- [[
Dec-06	235,000	\$1,630,364	12
Total	4,750,000	\$75,016,399	13
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40. If PEF forecasts that fuel prices will generally be rising during the forecast period, what type of hedging decisions does PEF generally make?

Response: See the response to No. 42 below.

41. If PEF forecasts that fuel prices will generally be falling during the forecast period, what type of hedging decisions does PEF generally make?

Response: See the response to No. 42 below.

42. If PEF forecasts that fuel prices will generally be stable during the forecast period, what type of hedging decisions does PEF generally make?

Response: PEF's hedging strategy for natural gas and No. 6 fuel oil is to "buy through it the curve" in a phased hedging approach in order to spread price risk over multiple trades 15 and time periods. For example, locking in prices over a period of time will aid in it mitigating the impact of price volatility for PEF's customers. PEF's strategy is to use 17 various approved physical and/or financial products to hedge our forward gas and oil 18 supply requirements in order to maintain a diverse portfolio of volumes and prices. By 19 layering in certain approved physical and/or financial products to hedge purchases over 20

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various time periods, day-to-day exposure to price volatility will be smoothed out to 1 avoid total price spikes that will most likely occur in the marketplace. As a result, 2 spreading hedged purchases throughout the current plus four (4) year period should yield 3 a varied portfolio mix that reflects the constantly changing market dynamics.

43. What is the status of the International Marine Terminal (IMT) due to the effects from Hurricane Katrina?

Response: IMT did not have any major structural damage to their unloading and conveyor systems. However, the terminal experienced flooding and a storm surge that sunk river barges and IMT's two tug boats. IMT is not currently able to unload from ship to ground storage because its electrical power was not restored until 9/17/05. Until IMT has fully tested its motors and conveyors, a process which has just begun, it will not know what items may need replacing. This process was interrupted by Hurricane Rita and a completion date is unknown at this time. Progress Fuels Corporation (PFC) does have a self unloading import vessel scheduled for direct discharge into Dixie Fuels Limited (DFL) gulf barges on 9/29/05. Because there is shoaling at the main ship dock due to Katrina, the transfer will occur at another portion of IMT's dock system.

44. What actions has PEF taken to replace coal planned for shipment through IMT that was disrupted by Hurricane Katrina?

Response: PFC has not replaced any coal as a result of Hurricane Katrina. PFC purchased two additional import coal vessels, diverted two vessels to Tampa and adjusted the delivery schedule for several other vessels. These delivery schedule changes were done because of PFC's inability to retrieve coal from its IMT inventories and to maintain deliveries to Crystal River.

The diversions to Tampa were expedited by the fact that under PFC's IMT contract, PEF was able to establish rates with the Kinder Morgan facility in Tampa. Coal was placed on the ground and will be re-loaded into DFL's gulf barges for delivery to Crystal River. MEMCO, PFC's river barge supplier, had approximately 45 barges which contained PFC's domestic coal headed for IMT. MEMCO sent these barges to its various fleeting areas well upriver to prevent them from being impacted by Hurricane Katrina.

45. What is the expected schedule for IMT to return to the pre-Hurricane Katrina level of operation?

Response: As explained in the response to No. 43 above, IMT has just begun to test its motors and conveyor, which was subsequently interrupted by Hurricane Rita. Once testing is complete, IMT may be able to begin transferring coal directly from ship to

