

ORIGINAL

State of Florida



Public Service Commission

-M-E-M-O-R-A-N-D-U-M-

DATE: August 14 1998
 TO: Jim Beasley, Esquire
 FROM: Grace A. Jaye, Staff Counsel
 RE: Docket No. 980693-EI

FILED

Attached is a Lotus spreadsheet provided to assist Mr. Hernandez in preparing Late-Filed Deposition Exhibit#1. A diskette containing the same spreadsheet is also attached.

cc: (without diskette)
 Vicki Gordon Kaufman, Esquire
 Roger Howe, Esquire
 Blanca Bayó

- ACK _____
- AMA _____
- APP _____
- CAP _____
- COM _____
- CTR _____
- EAS _____
- LEG _____
- LIT _____
- OPC _____
- ROH _____
- SEC 1
- WAS _____
- OTH _____

DOCUMENT NUMBER-DATE

10812 OCT-18

OFFICE OF REPORTING

Nominal Dollars (\$ 000)
 Combined Cycle Compliance Option (Rev Req)

Size (MW)	800	Cap Cost	\$500/MW	Avg Heat Rate (Btu/KWH)	7,000		
Avg CF (%)	80			Avg Generation (MWH)	5,600,000		
			Non-Fuel	Natural Gas	Teco's NC Forecast	Fuel	
Capital	Fixed O&M	Var. O&M	Subtotal	MMBtus	\$/MMBtu	Subtotal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2000				39,200,000			
2001				39,200,000			
2002				39,200,000			
2003				39,200,000			
2004				39,200,000			
2005				39,200,000			
2006				39,200,000			
2007				39,200,000			
2008				39,200,000			
2009				39,200,000			
2010				39,200,000			
2011				39,200,000			
2012				39,200,000			
2013				39,200,000			
2014				39,200,000			
2015				39,200,000			
2016				39,200,000			
2017				39,200,000			
2018				39,200,000			
2019				39,200,000			
2020				39,200,000			
2021				39,200,000			
2022				39,200,000			
2023				39,200,000			
2024				39,200,000			
2025				39,200,000			
2026				39,200,000			

Nominal Dollars (\$ 000)
TECO's Proposed Compliance Options (Rev. Req)

	Non - Fuel Compliance Costs			Non-Fuel Subtotal (12)	Avg. Heat Rate (Btu/KWH)	10,000	Total (16)
	NOx (9)	Particulates SO3 (10)	SO2 (BB 1&2 FGD) (11)		Avg. Generation (MWH) System Avg. Coal MMBtus (13)	System Avg. Coal \$/MMBtu (14)	
2000					56,000,000		
2001					56,000,000		
2002					56,000,000		
2003					56,000,000		
2004					56,000,000		
2005					56,000,000		
2006					56,000,000		
2007					56,000,000		
2008					56,000,000		
2009					56,000,000		
2010					56,000,000		
2011					56,000,000		
2012					56,000,000		
2013					56,000,000		
2014					56,000,000		
2015					56,000,000		
2016					56,000,000		
2017					56,000,000		
2018					56,000,000		
2019					56,000,000		
2020					56,000,000		
2021					56,000,000		
2022					56,000,000		
2023					56,000,000		
2024					56,000,000		
2025					56,000,000		
2026					56,000,000		

Nominal Dollars (\$ 000)
 Combined Cycle Option vs TECO's Proposed Compliance Options (Rev. Req.)

	Non - Fuel Compliance Costs			Fuel Compliance Costs			Total Difference
	CC Option	Proposed	Difference	CC Option	Proposed	Difference	
	Col (1) (17)	Col (12) (18)	(Col 17 - 18) (19)	Col (7) (20)	Col (15) (21)	(Col 20 - 21) (22)	
2000							
2001							
2002							
2003							
2004							
2005							
2006							
2007							
2008							
2009							
2010							
2011							
2012							
2013							
2014							
2015							
2016							
2017							
2018							
2019							
2020							
2021							
2022							
2023							
2024							
2025							
2026							

Nominal Dollars (\$ 000)
 Combined Cycle Compliance Option - Breakeven Natural Gas Price Estimate

	Non - Fuel Compliance Costs			Fuel Compliance Costs		Nat. Gas MMBtu Col (5) (29)	Nat. Gas \$/MMBtu (Col 28/29) (30)
	CC Option	Proposed	Difference	System Avg. Coal Col (15) (27)	Subtotal (Col 26 + 27) (28)		
	Col (1) (24)	Col (12) (25)	(Col 17 - 18) (26)				
2000						39,200,000	
2001						39,200,000	
2002						39,200,000	
2003						39,200,000	
2004						39,200,000	
2005						39,200,000	
2006						39,200,000	
2007						39,200,000	
2008						39,200,000	
2009						39,200,000	
2010						39,200,000	
2011						39,200,000	
2012						39,200,000	
2013						39,200,000	
2014						39,200,000	
2015						39,200,000	
2016						39,200,000	
2017						39,200,000	
2018						39,200,000	
2019						39,200,000	
2020						39,200,000	
2021						39,200,000	
2022						39,200,000	
2023						39,200,000	
2024						39,200,000	
2025						39,200,000	
2026						39,200,000	