

# AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(850) 224-9115 FAX (850) 222-7560

October 31, 2005

HAND DELIVERED

Ms. Blanca S. Bayo, Director  
Division of Commission Clerk  
and Administrative Services  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 050001-EI

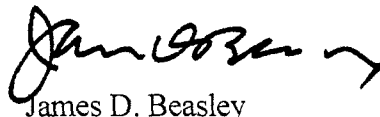
Dear Ms. Bayo:

Submitted herewith are the original and ten (10) copies of Late-Filed Deposition Exhibits (Nos. 2-3) of Tampa Electric Company's Witness William A. Smotherman. These late-filed exhibits were requested during Mr. Smotherman's deposition conducted in this proceeding on October 21, 2005.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/pp  
Enclosures

cc: Adrienne Vining (w/enc.)  
Timothy J. Perry (w/enc.)  
Patricia Christensen (w/enc.)

DOCUMENT NUMBER-DATE

10510 OCT 31 '05

COMMERCIAL CLERK

**BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION**

In re: Fuel and Purchased Power	)	DOCKET NO. 050001-EI
Cost Recovery Clause and	)	FILED: OCTOBER 31, 2005
Generating Performance Incentive	)	
Factor	)	

---

**TAMPA ELECTRIC COMPANY'S  
LATE FILED DEPOSITION EXHIBITS (NOS. 2-3)  
OF  
WILLIAM A. SMOTHERMAN**

Tampa Electric files this its Late Filed Deposition Exhibits of Witness William A. Smotherman (Nos. 2-3), requested during his deposition held on October 21, 2005.

TAMPA ELECTRIC COMPANY  
DOCKET NO. 050001-EI  
DEPOSITION OF WILLIAM A. SMOTHERMAN  
LATE FILED DEPOSITION EXHIBITS  
FILED: OCTOBER 31, 2005

## INDEX

### LATE FILED EXHIBIT

### TITLE

- |   |   |
|---|---|
| 2 | Exhibit on Unplanned Outages and a Qualitative Explanation if it is due to Environmental Equipment Failure.         |
| 3 | Trend on EAF as a Result of Environmental Equipment. (Graph similar to one provided on September 22nd presentation) |

**Tampa Electric Company  
Docket No. 050001-EI  
Late Filed Deposition Exhibit of  
William A. Smotherman  
No. 2  
Page 1 of 2**

**Exhibit on Unplanned Outages and a Qualitative Explanation if it is due to  
Environmental Equipment Failure.**

## Qualitative Impacts of Environmental Equipment Additions and Standard Changes

- **NOx Reduction Projects**
  - Separated Overfired Air project
  - Low NOx burners
  - Coal Balancing Upgrades
  
- Impacts on unit reliability
  - Increased boiler tube wear
  - Water jacket problems
  - Reduces precipitator efficiency
  - Outages to install and maintain equipment
  
- **SO2 reduction projects**
  - Big Bend 1&2 FGD
  - FGD efficiency increase projects
  - Deintegration days & lower sulfur coal during deintegration
  
- Impacts on unit reliability
  - Outages to install and maintain equipment
  - Reliability deintegration associated with deintegration day operations when using required lower sulfur coals
  
- **PM reduction projects/ standards**
  - Compliance Assurance Monitoring Requirement – 2005
  - Implement particulate matter best available control technology
  - Upgraded Flyash Gates Valves
  - Upgraded Flyash Controls
  - Installed Slag Tank Vent Fans
  
- Impacts on unit reliability
  - Operational impacts when deintegrated
  - Narrowed operating standards causing deratings at times to achieve environmental standards

**Tampa Electric Company  
Docket No. 050001-EI  
Late Filed Deposition Exhibit of  
William A. Smotherman  
No. 3  
Page 1 of 2**

Trend on EAF as a Result of Environmental Equipment.  
(Graph similar to one provided on September 22nd presentation)

