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October 16, 2003

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. 030001-EI

Dear Ms. Bayo:

Enclosed for filing on behalf of Tampa Electric Company are the original and ten (10) copies each of Rebuttal Testimony of J. Denise Jordan and Rebuttal Testimony and Exhibit of William T. Whale.

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/bjd Enclosures

cc: All Parties of Record (w/enc.)

BOOCHER IN MOTO-DATE

10147 OCT 168

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that true and correct copies of the foregoing filed on behalf of Tampa Electric Company, has been furnished by U. S. Mail or hand delivery (*) on this 16th day of October 2003 to the following:

Mr. Wm. Cochran Keating, IV* Senior Attorney Division of Legal Services Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0863

Mr. James A. McGee Associate General Counsel Progress Energy Florida, Inc. Post Office Box 14042 St. Petersburg, FL 33733

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Mr. R. Wade Litchfield Florida Power & Light Company 700 Universe Blvd. Juno Beach, FL 33408

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Ms. Susan Ritenour Gulf Power Company One Energy Place Pensacola, FL 32520

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Mr. James J. Presswood, Jr. Southern Alliance for Clean Energy 427 Moreland Ave., NE; Suite 100 Atlanta, GA 30307

ATTORNEY



BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 030001-EI

IN RE: FUEL & PURCHASED POWER COST RECOVERY

AND

CAPACITY COST RECOVERY

PROJECTIONS

JANUARY 2004 THROUGH DECEMBER 2004

REBUTTAL TESTIMONY

OF

J. DENISE JORDAN

DECUMENT AT MATER-BATE

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION 1 2 PREPARED REBUTTAL TESTIMONY OF 3 4 J. DENISE JORDAN 5 Please state your name, address, occupation and employer. 6 7 My name is J. Denise Jordan. My business address is 702 8 Α. 9 North Franklin Street, Tampa, Florida 33602. I amemployed by Tampa Electric Company ("Tampa Electric" or 10 "company") as Director, Rates and 11 Planning Regulatory Affairs Department. 12 13 Are you the same Denise Jordan who submitted Prepared 14 15 Direct Testimony in this proceeding? 16 Α. Yes, I am. 17 18 What is the purpose of your rebuttal testimony? Q. 19 20 rebuttal testimony is to address 21 Α. purpose of my certain inaccuracies and deficiencies in the assertions 22 23 and conclusions of the testimonies of Ms. Sheree L. Brown, testifying on behalf of the Florida Industrial 24 Power Users Group ("FIPUG") and the Florida Retail 25

Federation ("FRF"), and Mr. Michael J. Majoros, Jr., testifying on behalf of the Office of Public Counsel ("OPC").

Q. Have you prepared any exhibits to support your testimony?

A. Yes. My Exhibit No. (JDJ-4), consists of two documents. Document No. 1 is the company's notification to the Commission regarding the Hardee Power Partners, Ltd. ("HPP") transfer of ownership and Document No. 2 is furnished to correct Ms. Brown's math errors and address the inappropriate assumptions Ms. Brown used to calculate Gannon replacement fuel costs for 2003 and 2004 based on 2002 generation.

Testimony of Ms. Sheree L. Brown

Q. Are there references made in Ms. Brown's testimony that you will not address? If so, why not?

A. Yes, there are. I will not address Ms. Brown's statements concerning Tampa Electric's cancellation of rights to four combustion turbines (Pages 11 and 12), the acceleration of depreciation and dismantlement charges on Gannon Station (Pages 22 through 24), and the treatment of dismantlement costs on Gannon Station (Pages 24 and

25) because they are neither germane to nor appropriate for inclusion in the fuel and purchased power docket. Additionally, it is understanding the mу that cancellation of rights to the four combustion turbines included in the company's monthly surveillance reporting as a below-the-line write-off, resulting in no It is also my understanding that impact to ratepayers. the depreciation dismantlement proposed rates and accruals associated with Gannon Station are addressed in Docket No. 030409-EI, further supporting my conclusion that those references by Ms. Brown should not be included in this proceeding.

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Q. Please address your overall assessment of Ms. Brown's testimony.

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While Ms. expresses Brown concern over what she characterizes as feared subsidies of Tampa Electric's affiliates by Tampa Electric's ratepayers, she has not provided any concrete examples of such subsidies. She simply describes her version of how any utility might take steps to game base rate type expenses and those expenses collected through cost recovery clauses. Then, merely assumes bad faith on the part of Tampa Electric and concludes that some type of subsidy may have

occurred. Her assumed subsidies appear to reflect Ms. Brown's lack of familiarity with the facts, and they certainly don't serve as a basis for the erroneous and unwarranted adjustment she recommends.

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In addition, her claims of subsidies and the need for "further study" of utility and affiliate transactions are a recurrent theme of FIPUG. This was the approach taken by FIPUG two years ago in the fuel and purchased power docket in which FIPUG also challenged Tampa Electric's wholesale transactions with HPP. That case was also built on assumptions, presumed bad faith and an apparent lack of familiarity with the facts by FIPUG witnesses. After careful consideration, the Commission soundly rejected FIPUG's arguments as did the Florida Court in affirming the Commission's decision. FIPUG has the made same erroneous arguments on number occasions. These arguments have been rejected by this Commission and should be rejected again in this docket.

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Q. On pages 3 through 8 of her testimony, Ms. Brown suggests that the financial needs of Tampa Electric's parent could have affected Tampa Electric's ratepayers. How do you respond?

A. Ms. Brown's assumptions in this regard do not have any basis in fact. If anything, Tampa Electric's parent, TECO Energy, Inc., has repeatedly emphasized its focus and efforts on strengthening, not weakening, its core business of providing regulated public utility services.

Ms. Brown only hints that actions "could" have been taken for ulterior purposes without any demonstration that that has happened.

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pages 8 through 9 of her testimony, Ms. addresses Tampa Electric's contractual relationship with its affiliates, particularly with respect to coal purchases and waterborne coal transportation services, and suggests that Tampa Electric might pursue market costs" to subsidize the affiliate at the expense of Tampa Electric's retail utility customers. respond?

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Once Α. again, Ms. Brown must rely unsupported on assumptions about what а utility "might do." She apparently is unaware that Tampa Electric does not have a contract with an affiliate to purchase coal. The company's last long-term coal contract with an affiliate ended in 1999. In addition, she seems to be unaware of the hundreds of millions of dollars of coal

transportation cost savings Tampa Electric's transportation affiliate has brought to Tampa Electric's retail customers over many years as previously discussed in the direct testimony of Tampa Electric witness J. T. Wehle. She also completely overlooks the scrutiny this Commission has always given to affiliate transactions to ensure that utility customers are harmed by those relationships. It is noteworthy that Ms. Brown does not testify that Tampa Electric's arrangement with its affiliate has exceeded market-based costs. just says "to the extent that" it is above market costs TECO Energy benefits while higher costs are passed on to Tampa Electric ratepayers (Page 9, lines 6-8). as required by Commission Order No. 20298, Tampa Electric has consistently demonstrated that its affiliated coal transportation prices are at or below the transportation benchmark which the Commission established reasonable market price indication," a fact Ms. Brown may not be aware of or chooses to ignore.

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Q. How do you respond to Ms. Brown's suggestion, at page 9, that retail customers are impacted by TECO Power Services' ("TPS") sale of the Hardee Power Station?

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A. Ms. Brown states that if the facility had been owned by

Electric any gain may have been shared with ratepayers. Ms. Brown simply assumes away anv distinction between regulated public utility property and property that is owned by an unregulated affiliate. Moreover, her suggestion that Tampa Electric's purchase agreement supported the sale ignores the fact that the purchase power agreements between and among Tampa Electric, Seminole Electric Cooperative, Inc. ("SEC") and HPP provided the basis for the Commission's determination of need for the Hardee Power Station initially. determination was based on the Commission's finding that the contracts in question would save ratepayers millions of dollars over the life of the Hardee Power Station project.

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In approving the determination of need, the Commission found that the TPS proposal was the most cost effective alternative available. In its order the Commission stated:

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We base this finding on the economics inherent in the three wholesale contracts and the ground lease introduced as evidence in this proceeding: the ground lease between Acuera Corporation (a subsidiary of SEC) and TPS; the agreement for sale and purchase of capacity and

energy from Big Bend Unit No. 4 between TECO and TPS; the agreement for sale and purchase of capacity and energy from Big Bend Unit No. 4 between TECO and TPS; the agreement for sale and purchase of capacity and energy between TPS SEC; and the agreement for purchase of capacity and energy from the Hardee Power Station between TPS and TECO, all dated July 27, 1989. As these contracts are written, Phases I and II of the TPS proposal will result in projected present worth of revenue requirements (PWRR) savings to SEC οf approximately \$57 million (1987 \$) compared to SEC's proposed construction and projected PWRR savings of \$90 million (1989 \$) to TECO, of which is associated with the payments for 145 MW of Big Bend 4 capacity during phase I (1993-2003). (Order No. 22335, issued in Docket No. 880309-EC on December 22, 1989. (emphasis supplied)

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Q. How do you respond to Ms. Brown's statement that Tampa Electric's power purchase agreement with HPP supported the sale?

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As I previously stated, the power purchase agreements that supported the determination of need did so because they supported the economics for retail ratepayers of SEC and Tampa Electric. At the top of page 10, Ms. Brown erroneously states that the power purchase agreement between Tampa Electric and HPP is being assigned to the new owner of the facility. In fact, no power purchase agreements are being assigned. Instead, is it ownership of HPP that is being assigned. As previously stated in the direct testimony of Tampa Electric witness B. F. Smith and as indicated in Exhibit No. (JDJ-4), Document No. 1, Tampa Electric's notification to the Commission regarding the HPP transfer of ownership, the power purchase agreements will go forward as they have in the past, completely unchanged.

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Q. Has witness Brown stated any basis for further examination of the HPP power purchase agreement?

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A. No, she has not. She has failed to present any new material fact to justify revisiting the recent determinations by the Commission and the Florida Supreme Court; therefore, FIPUG and FRF's efforts in this regard should be rejected.

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Q. Beginning on page 12 and continuing through page 22, line 6, Ms. Brown describes her evaluation of the scheduled shutdown of Gannon Units 1 through 4, culminating in a recommendation that Tampa Electric be required to offset \$61.6 million of replacement power costs by \$63.7 million in O&M savings. How do you respond?

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Α. Ms. Brown's recommended adjustment has no basis in fact and ignores Tampa Electric's consideration of a myriad of factors including safety, reliability, the age of the units, risks inherent in attempting to keep the units running, the need to retrain and redeploy Gannon Station employees and numerous other factors. In addition, there are mathematical errors and several inappropriate assumptions in her analysis. Even if you accept her view that an adjustment is in order, which I clearly do not, upon review of Ms. Brown's calculation of the adjustment, I note the following regarding Ms. Brown's analysis and provide Exhibit No. (JDJ-4), Document No. 2 which corrects Ms. Brown's math incorrect error and assumptions:

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First, the total net generation for Gannon Unit 5 of 836,201 MWH used by Ms. Brown is incorrect. The correct total is 801,713 MWH. In addition, Ms. Brown erroneously

includes the impact of Gannon Unit 5 in her calculation, while acknowledging on page 20, lines 19 through 21, that the calculation is associated with Gannon Units 1 through 4 and 6 only.

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Second, Gannon Unit 6 is being repowered to Bayside Unit 2 and the transmission facilities of Gannon Unit 4 will be utilized by Bayside Unit 2; consequently, it is not appropriate to include either unit in the calculation. Therefore, Ms. Brown has overstated the MWH of lost generation by 1,068,669 MWH.

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Third, the Bayside cost used by Ms. Brown is a cost estimate that includes the natural qas pipeline transportation These costs. costs will change regardless of Bayside or Gannon generation. Therefore, Ms. Brown should have used the 2002 cost of \$0.0328 per kWh.

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Fourth, the Gannon cost used by Ms. Brown incorrectly includes generation from Gannon Units 4, 5 and 6. After appropriately adjusting the cost to include only Gannon Units 1 through 3, the resulting cost is \$0.0233 per kWh.

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Fifth, as previously stated in the direct testimony of

Electric Tampa witness Wehle, the company currently of coal contract penalties expects the impact ratepayers to be neutral at worst, and there remains the potential for ratepayers to experience net gains. In addition, during negotiations with TECO Transport for the coal waterborne transportation contract effective January 1, 2004, the company successfully negotiated the any dead freight expenses under elimination of existing contract. Therefore, Ms. Brown's assumed dead freight and coal contract penalties of \$6.555 million and \$7.67 million respectively are not valid and should be excluded in the calculation.

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Given the aforementioned corrections and using the same methodology as Ms. Brown, the resulting analysis yields an impact of \$8.2 million as compared to Ms. Brown's original result of \$61.6 million, an overstatement of \$53.5 million. By any standard, Ms. Brown's calculation is grossly incorrect. In any event, the calculation itself is based on faulty logic and must be entirely rejected.

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Q. At the bottom of page 21 through the top of page 22, Ms.

Brown states five factors she believes would make her
adjustment fair and equitable. Assuming her calculations

were correct, how do you respond to her five points?

A. Her first point is that the decision regarding when to shut down Gannon Units 1 through 4 "was a voluntary decision by the company within its control." As should any business, Tampa Electric makes "voluntary" company decisions after careful and complete analysis, as was the scheduling decision for shutting down Gannon Units 1 through 4. That is no reason to mix or offset base rate revenue or expenses with fuel adjustment revenue or expenses.

Her second basis that the requirement to shut down the units by the end of 2004 was a direct result of claimed violations by the U. S. Environmental Protection Agency ("EPA") is patently wrong. Tampa Electric did not admit violations nor did it bring a lawsuit against itself. The company settled litigation initiated by the EPA and DEP because settlement appeared to be the most prudent and cost-effective alternative in light of the litigation and the risks inherent in such litigation.

Ms. Brown's third point, that ratepayers will suffer "continued harm through additional replacement power costs from 2005 through 2007" is, likewise, ridiculous

because any such additional costs stem directly from the fact that the coal units at Gannon Station are required to cease operation after December 31, 2004. In essence, Ms. Brown's third point is linked to her second alleged basis for penalizing Tampa Electric and must be rejected out of hand.

Ms. Brown's fourth point that the ratepayers have paid Tampa Electric for the environmental modifications that were challenged by the EPA is, likewise, cumulative and ignores the fact that those modifications were in the economic interest of Tampa Electric's customers. Again, Tampa Electric did not concede the validity of the EPA's challenge either in the litigation or in the Consent Decree. In essence, Ms. Brown advocates punishing Tampa Electric for attempting to pursue the most economic alternatives for its customers.

Ms. Brown's fifth and final point alleges that Tampa Electric has benefited from contractual relationships with its subsidiaries. This point is more of an excuse than a reason for any adjustment, particularly when one considers the benefits that Tampa Electric's customers have derived from the creation and operation of the integrated waterborne transportation services provided by

Tampa Electric's affiliate, TECO Transport.

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Q. At page 22 Ms. Brown points to certain costs allowed for recovery through the cost recovery clauses that she claims would normally be authorized through base rates.

How do you respond?

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Α. Ms. Brown is correct that on a case-by-case basis the Commission has allowed recovery of certain through the fuel and purchased power clause that would traditionally be recovered through base rates. specific instances, the expenses were fuel-related and recovery through the fuel and purchased clause allowed because 1) the expense resulted in net fuel savings to ratepayers, 2) assisted with mitigating fuel price volatility or 3) helped to insulate ratepayers from additional fuel and purchased power expenses by protecting generating facilities to ensure their continued operation. The items Ms. Brown references for adjustment through the clause are in no way fuel-related and are selectively chosen and improperly viewed without any consideration of other Electric rate base adjustments. For example, Ms. Brown ignores the fact that Tampa Electric has absorbed the addition of Polk Units 1 through 3 and Bayside Units 1

and 2 without requesting additional base rates.

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Q. On page 26, Ms. Brown states the belief that her concerns support additional Commission investigation of various items. How do you respond?

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Α. Again, traditional FIPUG's qoal is "further to investigate". Tampa Electric's purchased power agreement has been reviewed time and again by with HPP Commission and as I stated earlier, both the Commission and the Florida Supreme Court have recently rejected FIPUG's arguments in this regard. Also, the existence of a gain on the sale of HPP does not mean that the power purchase agreement was not cost based; it simply reflects increased value of the asset. In addition, the HPP agreement does not need to be addressed because the terms conditions of the power purchase agreement will continue completely unchanged from the manner in which they existed prior to the transfer of ownership.

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- Testimony of Mr. Michael J. Majoros, Jr.
- Q. Mr. Majoros's direct testimony states that Tampa Electric's fuel clause should be credited with an amount of O&M savings he has calculated. How do you respond?

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Similar to Ms. Brown, Mr. Majoros has taken bits and from discovery testimony submitted pieces by Electric completely out of context and reached erroneous conclusions. There are several problems with Mr. Majoros's calculations. First, the fundamental basis of his analysis of the impact to fuel and purchased power costs, which is the supposed reason for his claim that increase in fuel costs should be offset by O&M is flawed amounts, [Exhibit MJM-7]. Не incorrectly attributes the entire difference between two separate analyses and fuel cost projections submitted by Tampa Electric to the revised Gannon units' shutdown schedule. Many different factors changed and assumptions revised between the time that the first and second studies referenced by Mr. Majoros were prepared. Majoros ignores this fact. Furthermore, Mr. Majoros ties the calculation of his \$116 million estimated impact on fuel and purchased power costs due to the Gannon shutdown schedule Electric's 12, to Tampa August 2003 actual/estimated filing, rather than to the February 24, 2003 filing in which the revised shutdown scheduled was first modeled and included. This is yet another example how Mr. Majoros takes isolated bits of information of from discovery and testimony and uses them out of context to string together his argument.

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In addition, to simply assume that the entire difference between any two filings is related to the revision of the expected Gannon units' shutdown dates is incorrect. As Tampa Electric stated in its response to Interrogatory No. 46 of OPC's Third Set, the interrogatory request was written such that it assumed the hypothetical that the units would be dispatchable. Tampa Electric stated the accuracy of such an assumption is highly doubtful. Other factors of safety, reliability, employee utilization, and the time required to make repairs are all significant in determining the validity of this assumption. company appropriately included them in its decision-To simply ignore these operational making process. constraints and to utilize a hypothetical value that is based on assumed dispatchability that no longer reflects current conditions or appropriate assumptions, Majoros has done, is clearly erroneous.

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Q. At page 10 of his testimony, Mr. Majoros states that O&M amounts not spent at Gannon Station represent a savings for Tampa Electric. He then implies that the savings will result in increased earnings to benefit shareholders. Finally, he proposes an offset of the alleged O&M savings to costs recovered through the fuel clause. Are his allegations grounded in fact?

Α. First, as stated in the rebuttal testimony of Tampa Electric witness W. T. Whale, Tampa Electric did not simply cut O&M spending at Gannon Station. The company focused its investment strategies to obtain a better value from its O&M expenditures. Second, Mr. Majoros does not provide support, presumably because he does not have any, his allegation that the company's M&O spending decisions resulted in savings for shareholders. He simply makes the statement on page 10, line 15 that "as a general proposition increased earnings benefit shareholders." Majoros also ignores the structure of cost-based ratemaking in Florida. Investor-owned utilities collect base rates and operate within an allowable earnings range. Tampa Electric is currently striving to add over \$700 million in the form of the repowered Bayside Station to its rate base, without requesting additional base rates to To insinuate that shareholders might benefit from increased earnings, without even showing evidence of such earnings, is simply not a sufficient reason to assign a penalty to Tampa Electric as Mr. Majoros proposes.

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Q. What do the O&M savings amounts that Mr. Majoros lists represent and is his proposed adjustment to fuel clause cost recovery to reflect his calculated O&M savings, appropriate?

Again, Mr. Majoros's O&M savings represent an estimate of Α. the additional dollars the company did not invest in the Gannon units due to the age of the units and near-term shutdown requirements. While Mr. Majoros continues to present O&M amounts not spent at Gannon Station as savings for Tampa Electric and its shareholders, he completely disregards Tampa Electric's witness testimony that the company used prudent decision making and chose to focus its spending on other generating units given the shutdown commitment for the Gannon units. Furthermore, Majoros's flawed analyses are no reason to mix or offset base rate revenues and costs with fuel clause revenues and costs, as he proposes to do with his adjustment.

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Q. How would you characterize Mr. Majoros's testimony on an overall basis?

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Α. previously stated, Mr. Majoros inappropriately strings bits and pieces of testimony and deposition transcripts together to reach an erroneous result. Majoros has presented no independent evaluation important issues concerning safety, reliability, operational considerations and the economics the appropriate shutdown schedule for Gannon Units 1 through As a matter of fact, at page 12 of his testimony, he

states that the company's current schedule for shutting down Gannon Units 1 through 4 in and of itself does not harm ratepayers. Mr. Majoros's analysis that determined his proposed penalty, or cost recovery offset, is flawed, and his proposed offset of fuel cost recovery dollars with O&M amounts is inappropriate.

Q. Does this conclude your rebuttal testimony?

A. Yes it does.

EXHIBIT NO._____
TAMPA ELECTRIC COMPANY
DOCKET NO. 030001-EI
(JDJ-4)
FILED: 10/16/03

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TAMPA ELECTRIC COMPANY
DOCKET NO. 030001-EI
FILED: 10/16/03

EXHIBIT TO THE REBUTTAL TESTIMONY OF J. DENISE JORDAN

DOCUMENT NO. 1

HARDEE POWER PARTNERS TRANSFER OF OWNERSHIP
SEPTEMBER 2003



TAMPA ELECTRIC

September 12, 2003

EXHIBIT NO.

TAMPA ELECTRIC COMPANY
DOCKET NO. 030001-EI
(JDJ-4)
DOCUMENT NO. 1
PAGE 1 OF 1

FILED: 10/16/03

Dr. Mary Andrews Bane Executive Director Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

Dear Dr. Bane:

I wanted to advise you that two of Tampa Electric Company's affiliates, Hardee Power I, Inc. and Hardee Power II, Inc., have agreed to sell their partnership interests in the Hardee Power Station in Florida to GTCR Golder Rauner LLC and partner, Chicago-based Invenergy. The transaction is expected to close by the end of September. This transaction will further strengthen TECO Energy's financial position. In April of this year, TECO Energy identified a number of potential assets that could be sold to improve the company's financial condition and Hardee Power Station was one of them. With this agreement, Tampa Electric's parent has demonstrated its commitment to the plan and its continued refocus on its regulated utility operations.

Under this transaction, the power purchase agreements will not be amended, changed or assigned. Accordingly, Hardee Power Partners will not be applying to the Federal Energy Regulatory Commission for approval of any amendment, change or assignment of the purchased power agreements. This transaction will be transparent to Tampa Electric and its customers. The Hardee Power Station, a 370 MW generating facility, will continue to serve both Seminole Electric Cooperative, Inc., and Tampa Electric under established long-term contracts. A TECO Power Services subsidiary will continue to operate the facility after the change in ownership. The net effect of the transaction will be an improvement to the financial condition of Tampa Electric's parent corporation.

Chicago-based Invenergy is a developer, owner and operator of power generation and energy delivery assets. Partnered with GTCR Golder Rauner LLC, a leading private equity firm, Invenergy is pursuing acquisitions of large-scale power plants currently being divested by utilities, IPPs and financial institutions. GTCR Golder Rauner is a leading private equity investment firm currently managing more than \$6 billion of equity capital invested in a wide range of companies and industries.

We are not requesting any action by the Florida Public Service Commission relative to this matter, but simply wanted to keep you informed about the status of the transaction.

Sincerely,

Deirdre A. Brown

Vice President - Regulatory Affairs

Dersche a. Brown

cc: Tim Devlin

TAMPA ELECTRIC COMPANY DOCKET NO. 030001-EI FILED: 10/16/03

EXHIBIT TO THE REBUTTAL TESTIMONY OF J. DENISE JORDAN

DOCUMENT NO. 2

GANNON REPLACEMENT FUEL COSTS FOR 2003 AND 2004

EXHIBIT NO.

TAMPA ELECTRIC COMPANY
DOCKET NO. 030001-EI
(JDJ-4)
DOCUMENT NO. 2
PAGE 1 OF 2
FILED: 10/16/03

I. Correction of Gannon Unit 5 generation math error:

Month	Gannon 1	Gannon 2	Gannon 3	Gannon 4	Gannon 5	Gannon 6	Total
Jan	0	0	0	0	0	0	0
Feb	0	0	0	0	34,488	0	34,488
Mar	0	0	0	0	0	0	0
Apr	48,902	43,565	0	0	573	0	93,040
May	45,994	45,722	0	0	99,739	0	191,455
Jun	42,306	41,350	0	0	110,417	0	194,073
Jul	53,279	48,092	0	0	94,688	0	196,059
Aug	44,015	44,471	0	0	122,031	0	210,517
Sep	40,940	39,108	0	0	89,300	0	169,348
Oct	51,079	52,415	28,021	29,449	83,099	39,227	283,290
Nov	36,494	37,407	23,448	55,035	102,728	0	255,112
Dec	27,043	24,678	39,051	51,249	99,138	57,508	298,667
Annual Total	390,052	376,808	90,520	135,733	836,201	96,735	1,926,049

II. Recalculation of Gannon generation given correction of incorrect assumptions which results in reduction of 1,068,669 MWH:

Month	Gannon 1	Gannon 2	Gannon 3	Gannon 4	Gannon 5	Gannon 6	Total
Jan	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0
Apr	48,902	43,565	0	0	0	0	92,467
May	45,994	45,722	0	0	0	0	91,716
Jun	42,306	41,350	0	0	0	0	83,656
Jul	53,279	48,092	0	0	0	0	101,371
Aug	44,015	44,471	0	0	0	0	88,486
Sep	40,940	39,108	0	0	0	0	80,048
Oct	51,079	52,415	28,021	0	0	0	131,515
Nov	36,494	37,407	23,448	0	0	0	97,349
Dec	27,043	24,678	39,051	0	0	0	90,772
Annual Total	390,052	376,808	90,520	0	0	0	857,380

EXHIBIT NO.

TAMPA ELECTRIC COMPANY
DOCKET NO. 030001-EI
(JDJ-4)
DOCUMENT NO. 2
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FILED: 10/16/03

III. Correct calculation of costs for Gannon generation:

	2002 Total Generation (MWH)	2002 Fuel Cost (\$)	2002 Fuel Cost (\$/kWh)
Gannon 1	511,532	10,655,009	0.0208
Gannon 2	457,756	10,038,103	0.0219
Gannon 3	677,783	17,667,860	0.0261
Total	1,647,071	38,360,972	0.0233

IV. Revised analysis using Ms. Brown's methodology:

Estimated impact = $\{ \text{Lost Gannon generation } x \text{ (Bayside gen. cost - Gannon gen. cost)/1000} \} + \text{Coal Contract Penalties + Dead Freight}$

A. Ms. Brown's original calculation:

Estimated impact =
$$\{1,926,049 \ x \ (.046 - .0214)/1000\} + 6.555 + 7.67$$

Estimated impact = \$61.6 million

B. Tampa Electric's corrected calculation:

Estimated impact =
$$\{857,380 \times (.0328 - .0233)/1000\} + 0 + 0$$

Estimated impact = \$8.2 million