TAMPA ELECTRIC

July 26, 2011

Mr. Bruce Gelber - Chief
Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
1425 New York Avenue, West - Room 13044
Washington, D.C. 20005
DJ# 90-5-2-1-06932

Via FedEx
Airbill No. 7950 1118 6807

Mr. Adam Kushner –Director
Office of Civil Enforcement
Office of Enforcement and Compliance Assurance
U.S. Environmental Protection Agency
Ariel Rios Building
Mail Code 2242A, Room 1119
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

Via FedEx
Airbill No. 7950 1119 5570

Mr. James I. Palmer Jr. - Regional Administrator
U.S. Environmental Protection Agency, Region IV
61 Forsyth Street, S.E.
Atlanta, Georgia 30303

Via FedEx
Airbill No. 7973 4247 8575

Re: Tampa Electric Company
Consent Decree
Civil Action No. 99-2524 CIV-T-23F
Submission of Quarterly Report –
Second Quarter 2011

Dear Messrs. Gelber, Kushner and Palmer:

Please find enclosed the report addressing Tampa Electric Company's activities related to the EPA Consent Decree for the second Quarter of 2011.

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111

(813) 228-4111

CUSTOMER SERVICE:
HILLSBOROUGH COUNTY (813) 223-0800
POLK COUNTY (863) 299-0800
ALL OTHER COUNTIES 1 (888) 223-0800

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TAMPAELECTRIC.COM

If you have any questions, please feel free to telephone Julie Ward or me at (813) 228-4740.

Sincerely,

Thomas L. Hernandez
Vice President, Energy Supply
Tampa Electric Company

EHS/ich/JMW283

Enclosures

c/enc: Whitney Schmidt (US Attorney)
Danielle Henry (FDEP – SW)
Jason Waters (EPCHC)
Trina Vielhauer (FDEP)

APPENDIX

QUARTERLY REPORT OF TAMPA ELECTRIC COMPANY PURSUANT TO PART V OF THE CONSENT DECREE ENTERED IN CIVIL ACTION NO. 99-2524, CIV-T-23F (M.D. FL)

The following report is submitted by Tampa Electric Company ("Tampa Electric" or "TEC") in compliance with the requirements of Part V of the Consent Decree entered in United States v. Tampa Electric Company, covering the calendar quarter ending June 30, 2011.

A. Information With Respect to Gannon Station

1. Progress toward Re-Powering or restarting units pursuant to Paragraphs 26 or 27 of the Decree, including information on the status of all pertinent permit applications:

RESPONSE: Bayside Unit 1 became commercially operational on April 24, 2003. Bayside Unit 2 became commercially operational on January 15, 2004.

2. Progress toward the Shutdown of Units (and/or MW) on the Schedule contained in Paragraph 27:

RESPONSE: Repowering activities are complete and the required deadlines have been satisfied. Gannon Units 5 and 6 were shutdown on January 30, 2003 and September 30, 2003, respectively. Gannon Units 1 and 2 were shutdown on April 16, 2003 and April 15, 2003, respectively. Gannon Units 3 and 4 were shutdown on November 1, 2003 and October 12, 2003 respectively. Fuel will not be burned in these boilers without first obtaining the necessary PSD permits.

3. Report on any use of coal or a fuel source other than natural gas at Gannon (or Bayside Power Station) following January 1, 2005:

RESPONSE: No fuel other than natural gas has been burned at Gannon or Bayside Power Station after January 1, 2005.

B. Information With Respect to Big Bend Station

1. Report on all unscrubbed emissions, including the number of days on which unscrubbed emissions occurred during the reporting period, the amount of such unscrubbed emissions, and the steps taken to comply with all requirements of Paragraphs 29, 30, 31, and 40:

RESPONSE: The enclosed deintegration report (Attachment 1) provides the information requested above. In addition, Tampa Electric has complied with the provisions of Paragraphs 30 and 31 through the implementation of Phases I and II of the Flue Gas Desulfurization (FGD) Optimization Plans submitted in 2001 and approved by EPA. Paragraph 40 of the

Consent Decree did not apply during Quarter 2, 2011 because the requirements of the paragraph are not yet applicable.

2. Report on implementation of the approved scrubber optimization plan in compliance with Paragraph 31. Describe the steps taken to reduce the number of days of unscrubbed emissions and provide an estimate of the days of unscrubbed emissions avoided as the result of such steps.

RESPONSE: Tampa Electric has implemented Phases I and II of the FGD System Optimization Plan at Big Bend Station. All planned scrubber maintenance work is identified and performed as described in section 3.3.1 of Phase I of the Plan. In addition, all scrubber system malfunctions that cause any unit to operate unscrubbed are worked on as a 'Priority 1' or 'Emergency' basis as defined in Section 3.3.2 of Phase I of the Plan. As reported in previous quarterly reports, Tampa Electric performed a significant amount of improvement work in the FGD area to improve the reliability of the FGD systems and has stocked spare FGD parts for the scrubber systems serving the coal fired Units at Big Bend Station. Together, these efforts have reduced the number and duration of FGD outages at Big Bend Station and should continue to show positive benefits.

During Quarter 2, 2011, Tampa Electric experienced 0 unscrubbed operating days at Big Bend Station. Prior to January 2001, Tampa Electric had no limitation on unscrubbed operating days. During year 2000, the flue gas emitted by Big Bend Units 1, 2 and 3 was scrubbed 79% of the time. If this rate is applied to Quarter 2, 2011, Big Bend Units 1, 2, and 3 would have experienced 53 combined equivalent operating days of unscrubbed operation. A combined equivalent operating day is calculated by summing the hours of unscrubbed operation for Big Bend Units 1, 2 and 3 and dividing by 24. During Quarter 2, 2011, Big Bend Units 1, 2, and 3 experienced no unscrubbed operating days. Therefore, Tampa Electric can reasonably estimate that 84 combined equivalent operating days of unscrubbed operation were avoided in 2011, as a result of implementing the approved scrubber optimization plan. Therefore, Tampa Electric can reasonably estimate that a total of 1,605 combined equivalent operating days of unscrubbed operation were avoided since January 2001.

3. Report on acquisition and installation of all materials or equipment to upgrade Electrostatic Precipitators ("ESPs") pursuant to the recommendations of the Best Available Control Technology ("BACT") Analysis required by Paragraph 32.B:

RESPONSE: Tampa Electric and its consultants have completed the Best Operating Practices (BOP) study and BACT analysis of the ESPs. These plans were submitted to EPA on September 28, 2001.

Tampa Electric received a letter of approval for both the BOP and the BACT on June 19, 2003. Tampa Electric will comply with the BACT emission rate approved by the EPA on or before May 1, 2004 as mandated by the Consent Decree.

The table below lists the BACT modifications for Big Bend Units 1 through 4, which have

been implemented at Tampa Electric to date:

Table 1

Big Bend Unit 1	Upgraded Flyash Gate Valves, Upgraded/New Flyash Controls, Installed ESP Controls, Installed Independent DCU, Balanced/Verified Temperature/Flows
Big Bend Unit 2	Upgraded Flyash Gate Valves, Upgraded/New Flyash Controls, Installed ESP Controls, Installed Independent DCU, Balanced/Verified Temperature/Flows
Big Bend Unit 3	Upgraded Flyash Gate Valves, Upgraded/New Flyash Controls, Installed ESP Controls, Installed Independent DCU, Balanced/Verified Temperature/Flows
Big Bend Unit 4	Upgraded Flyash Gate Valves, Upgraded/New Flyash Controls, Installed ESP Controls, Installed Independent DCU, Balanced/Verified Temperature/Flows

4. Report on the operation of ESPs in conformance with the approved recommendations and optimization plan required by Paragraph 32.A and 32.C:

RESPONSE: As indicated above, Tampa Electric received approval for both reports on June 19, 2003. On August 18, 2003, Tampa Electric began operating in accordance with the BOP study. The table below lists Tampa Electric's implementation of the BOP at Big Bend Station to date:

Table 2

Big Bend Unit 1	Optimized internal flows, Optimized rappers, Installed new hopper baffles, Installed slag tank vent fans*, Installed electrical cutouts
Big Bend Unit 2	Replaced new transformer/rectifier (T/R) sectionalizations, Installed wide plate spacing & rigid discharge electrodes, Installed slag tank vent fans*, Optimized rappers, Installed electrical cutouts, Installed new hopper baffles
Big Bend Unit 3	Optimized rappers
Big Bend Unit 4	Optimized rappers

A revision of the BOP study was submitted on October 29, 2004, following the completion of the modifications recommended in the BACT analysis. Tampa Electric received approval for the revised BOP on February 13, 2006 and will operate each ESP in conformance with the revised BOP on or before August 12, 2006.

*As recommended in the BOP, the slag tank vent fans on Big Bend Units 1 and 2 were installed to vent combustion gases from the slag tank collection system back into the boiler. Between 2003 and 2006 the boiler windboxes were modified and combustion improvements were made resulting in dramatically reduced levels of unburned carbon in the slag tank vent lines. Due to the improvement of the slag tank gases, the slag tank vent fans were deemed no longer necessary, and the slag tank gases are now vented to the precipitator. Since the fans were removed from service no increases in opacity or particulate emissions have been detected.

5. Report on progress in securing early NO_x reduction goals pursuant to Paragraph 35:

RESPONSE: On February 23, 2001 Tampa Electric submitted the Early NO_x Reduction Plan as required by Paragraph 35 of the Consent Decree and on March 8, 2001 EPA approved that Plan.

In the spring of 2001, Tampa Electric modified the burners and coal nozzles serving Big Bend Unit 1 and also installed a combustion optimization neural network on Big Bend Unit 2. During the second and third quarters of 2001, the effects of these technologies on NO_x emissions were evaluated. On December 13, 2001, Tampa Electric submitted a report to EPA detailing the effectiveness of each technology in reducing NO_x emissions from each boiler. Based on the results of the evaluation, Tampa Electric installed low NO_x burners of similar design on Big Bend Units 2 and 3. Tampa Electric has since optimized the low NO_x burners on Big Bend Units 1 and 2 and continues to optimize the low NOx burners on Unit 3 with emphasis upon ensuring safe operating conditions.

Efforts to optimize the Unit 2 neural network combustion system have not been successful. The equipment supplier has been acquired by a competitor and technical support for the system is no longer available, resulting in the inability to continue this operation.

In addition to low NO_x burners on all units and the neural network on Unit 2 (see note above), Tampa Electric installed real-time coal and airflow monitoring instrumentation and coal balancing equipment on Big Bend Unit 1**. As stipulated in amended Paragraph 35 of the Consent Decree, Tampa Electric submitted a report to EPA detailing the performance of each technology in reducing NO_x emissions from each boiler on June 30, 2004.

** (Evaluations of the real-time coal and airflow monitoring instrumentation on Unit 1 and Unit 2 has been conducted. The evaluations indicated that their effectiveness to reduce NO_x emissions on our Riley Turbo Wet Bottom boiler is negligible. As such, Tampa Electric has pursued other combustion modifications beyond those required by the Consent Decree such as windbox modifications and enhanced secondary air controls. These modifications have proven to be more effective in reducing NOx. The real-time coal and airflow monitoring instrumentation on Unit 1 and Unit 2 are no longer in service.)

6. Report on the occurrence(s) of malfunction(s) of PM Continuous Emission Monitors ("CEM") and on steps taken to correct such malfunction(s) and prevent their recurrence:

RESPONSE: Tampa Electric installed a PM CEM on the stack serving Big Bend Units 3 and 4, known as Common Stack 3, on February 27, 2002. Following the Unit 3 and Unit 4 duct split completion in December 2007, the stack previously referred to as Common Stack 3 is now fully dedicated to Big Bend Unit 3. During Quarter 1, 2009, Tampa Electric installed a second PM CEM in accordance with Paragraph 32.G of the Second Amendment to the Consent Decree on BB04 serving Unit 4. The second PM CEM was certified during Quarter 3, 2009. During Quarter 3, 2010, Tampa Electric installed a replacement PM CEM in accordance with Paragraph 32.E of the Second Amendment to the Consent Decree on BB03 serving Unit 3. The replacement PM CEM was certified during Quarter 4, 2010. Following the certification of the replacement PM CEM the installed PM CEM on stack BB03 now serving Unit 3 was discontinued use and removed during Quarter 1, 2011, according to subparagraph 32.E. of the Consent Decree.

During Quarter 2,2011, there were no malfunctions to report.

7. Attach, in electronic format if available, all data recorded by PM CEM and results of any stack tests.

RESPONSE: TEC is providing data recorded by the PM CEMs during Quarter 2, 2011. Following the Unit 3 and Unit 4 duct split completed December 2007, the stack previously referred to as Common Stack 3 is now fully dedicated to Big Bend Unit 3.

Tampa Electric developed a test program to determine the feasibility of sustaining the continuous operation of the PM CEM. The test program used EPA's proposed performance specification-11 (PS-11) to determine if there is a correlation between stack test data and PM CEM data. The first round of stack testing was conducted during the week of June 17, 2002. The second round of stack testing was conducted during the week of January 13, 2003. The third round of stack testing was conducted during the week of June 16, 2003. The final round of stack testing was conducted during the week of March 15, 2004. In correspondence dated July 28, 2003, the decision as to the feasibility of the PM CEM was made 180 days after the two-year demonstration period or the final round of PM CEM stack testing, which expired September 15, 2004. Tampa Electric submitted the PM CEM Feasibility Report on September 14, 2004. Based upon the performance of the PM CEM and the results of the test program, Tampa Electric determined the PM CEM to be infeasible due to readings which are inconsistent with Reference Method 5B and the inability to pass the proposed and promulgated PS-11 criteria. Tampa Electric recommends that the operation of the PM CEM cease and the equipment be removed from common stack 3 (CS003). A detailed explanation is presented in the PM CEM Feasibility Report along with an alternative PM monitoring plan. Tampa Electric submitted additional information and RTI Report responses to EPA on February 7, 2005, March 10, 2005 and July 14, 2005. Tampa Electric was in discussions with EPA to settle the unresolved issues relating to the PM CEM via an amendment to the Consent Decree which will set a new compliance schedule for installation of a second PM CEM. The 2nd Amendment to the Consent Decree was published in the Federal Register on April 24th, 2008. No public comments were received and the 2nd Amendment was signed on June 12, 2009.

On January 12, 2009, TEC submitted a letter to the EPA requesting the ability to discontinue operation pending the installation and certification of the 2nd PM CEM in 2009. This request was designed to reduce the expense associated with the use of the original PM CEM currently installed on BB04.

On March 23, 2009, TEC submitted the Data Collection Plan for the second PM CEMS to be installed and certified on Big Bend Power Station stack BB04 serving Big Bend Unit 4 according to Paragraph 32G of the 2nd Amendment to the Consent Decree. On July 16, 2009, TEC completed the installation and certification of the Second PM CEM on stack BB04 serving Unit 4.

On September 9, 2010, TEC submitted the Data Collection Plan for the replacement PM CEMS to be installed and certified on Big Bend Power Station stack BB03 serving Big Bend Unit 3 according to Paragraph 32E of the 2nd Amendment to the Consent Decree. On December 10, 2010, TEC completed the installation and certification of the Second PM CEM on stack BB03 serving Unit 3.

Following the completion of certification and correlation testing of the PM CEM serving Big Bend Unit 3 Tampa Electric marks the completion of all milestones associated with Paragraph 32 of the Consent Decree. Tampa Electric believes it has satisfied the requirement as put forth in the Consent Decree.

8. Report on status of contracting, construction, installation, and operation of NO_x emission controls at Big Bend Units 1, 2, 3, and 4, or the status of the permit application for Re-Powering or other refueling of such Unit(s), pursuant to Paragraphs 37.A or B, and 39, including the dates of all significant milestones in these activities:

RESPONSE: Tampa Electric has advised EPA in correspondence dated August 19, 2004 of the decision to continue to combust coal in each of the units at Big Bend Station and as such will comply with the applicable provisions of the Consent Decree associated with this decision. Tampa Electric has received SCR Air Construction permits from the Florida Department of Environmental Protection for Units 1-4. Tampa Electric has commenced engineering work towards the installation of the SCRs on each of the units at Big Bend Station. The installation of the SCR on Unit 4 has been completed and began continuous operation on May 26, 2007.

Completion of the Unit 3 and Unit 4 duct split occurred on December 2007 and as a result the stack previously referred to as Common Stack 3 is now fully dedicated to Big Bend Unit 3 and Common Stack 2 is now fully dedicated to Big Bend Unit 4. EPA was notified that the nomenclature change was official on January 1, 2008.

On March 4, 2008, Tampa Electric notified EPA via letter, pursuant to Paragraph 57 of Civil Action No. 99-2524 Civ-T-23F (Force Majeure Event), complying with portions of the referred Consent Decree would be delayed. The letter stated that TEC anticipated a delay in the commencement of the operation of the emission control equipment due to unforeseen damage to the steam turbine rotor. TEC exercised due diligence to minimize the potential length of delay. Details of the circumstances surrounding the Force Majeure Event can be found in the Notification Letter to the EPA dated March 4, 2008. After the outage and subsequent start up period Unit 3 has demonstrated compliance.
The installation of the SCR on Unit 3 has been completed and Big Bend Unit 3 began continuous operation on June 1, 2008. The installation of the SCR on Unit 2 has been completed and began operation on May 1, 2009. The installation of the SCR on Unit 1 has been completed and began operation on May 1, 2010. The completed installation of the SCR on Unit 1 marks the completion of all milestones associated with Paragraph 37. Tampa Electric believes it has satisfied the requirement as put forth in the Consent Decree.

9. Report on progress toward Re-Powering any Unit at Big Bend, including the status of any pertinent permit applications.

RESPONSE: The requirements of this paragraph are no longer applicable since Tampa Electric has advised EPA in correspondence dated August 19, 2004, of the decision to continue to combust coal in each of the units at Big Bend Station.

C. General Information

1. Report on Emission Rates or removal efficiencies imposed by or under the Consent Decree, including the following:

1. For each Unit or pollution control device subject under the Consent Decree to an Emission Rate calculated as a 30-day rolling average:
    1. the emission rate for each operating day, calculated in the manner described in Paragraph 8 of the Consent Decree; and
    2. the emission rate for each operating day, calculated as a 30 day rolling average in the manner described in Paragraph 8 of the Consent Decree;
2. For each Unit or pollution control device subject under the Consent Decree to a 24 hour rolling average Emission Rate:
    1. the Emission Rate for each day covered by the Report, calculated in the manner described in Paragraph 8 of the Consent Decree; and
    2. identification for each day covered by the Report of each period of startup, shutdown, or malfunction that was excluded from the Emission Rate calculation; and
3. For each Unit or pollution control device subject under the Consent Decree to removal efficiency limit, the removal efficiency achieved on each day.

RESPONSE: The data requested above is enclosed as Attachments 2 and 3. Attachment 2 provides the above information with regard to Big Bend Units 1 and 2. Attachment 3 provides the above information with regard to Big Bend Unit 3. The NOx emission rate from Big Bend Unit 4 is included in Attachment 4.

2. Report on progress and results of NO_x reduction and/or demonstration project(s) pursuant to Section VII:

RESPONSE: In accordance with paragraph 52.C, Tampa Electric submitted an electronic request to EPA on November 14, 2001 to install a neural network based intelligent sootblowing project on Big Bend Unit 2 in 2002 as an innovative NO_x control project. Tampa Electric received EPA approval for the project on April 24, 2002. The project completion date was December 31, 2004. As a result of the systems' poor performance and the lack of technical support from manufacturer it was removed from service.

In addition, Tampa Electric submitted a request to EPA on March 7, 2003 to install separated over fired air (SOFA) on Big Bend Unit 4 in 2003 and to include Big Bend Unit 4 low NOx burners as a comprehensive NOx control project in accordance with

Paragraph 52.C. On November 21, 2008, TEC submitted the Big Bend Station Unit 4 Consent Decree NOx Reduction Results Report outlining the early NOx reductions on Unit 4, satisfying the requirements of Paragraph 52.C.

3. Report on payments made or work undertaken pursuant to Paragraph 52.B, Performance of Air Chemistry Work in Tampa Bay Estuary:

RESPONSE: TEC has satisfied the $2 million payment requirement in support of the Air Chemistry Work in Tampa Bay Estuary.

4. Report on the amount of Project Dollars, as defined in the Consent Decree, expended to date and on which project(s) they were expended:

RESPONSE: As of December 31, 2007, Tampa Electric has spent $673,603 on the Big Bend Unit 1 Burner Modifications, $885,077 on the Big Bend Unit 2 Combustion Optimization Neural Network system, $857,500 on the Big Bend Unit 4 Burner nozzle/tilt replacement, $550,188 on the Big Bend Unit 3 Burner Modifications, and $496,776 on the Big Bend Unit 1 Coal and Air Flow Monitoring and Balancing project, $444,164 on the Big Bend Unit 2 Burner Modifications, $2,469,409 on the Big Bend Unit 2 Neural Network Intelligent Sootblower project, and $3,187,977 on the Big Bend 4 SOFA project. In total, Tampa Electric has spent $9,564,694 on the NO_x Reduction Program at Big Bend Station. Tampa Electric has met the requirements for the NO_x projects as per Paragraphs 35 and 52 of the Consent Decree.

5. Provide a copy of any permit application submitted to an approval authority, unless such copy was previously submitted, and a copy of any draft or final permit received.

RESPONSE: All permit applications and final permits pertaining to Big Bend and/or Gannon Stations have been copied and submitted to EPA during the course of the quarter.

6. Report on any sale or other use of any SO_2 or NO_x emission allowance during the calendar quarter, including an explanation of why such use is not prohibited by Paragraph 46.

RESPONSE: Tampa Electric sold zero SO_2 emission allowances during the calendar quarter. Selling of SO_2 emissions is not prohibited because these credits exist due to activities occurring prior to December 21, 1999, or activities after that date that are not related to actions required under the Consent Decree and may be used on Tampa Electric's system, sold, traded and/or banked at Tampa Electric's option. Tampa Electric did not sell any NO_x emission allowances subject to the restraints of this consent decree during the calendar quarter.

7. State each change commenced or completed by Tampa Electric that falls within the scope of Paragraph 44.B (2) of the Consent Decree, if and only if such change: (A) is one on which

Tampa Electric spends or expects to spend in excess of $250,000, and (B) Tampa Electric accounts for that spending as a capital expenditure.

RESPONSE: The table below lists the requested capital projects commenced or completed during Quarter 2, 2011 and their approximate costs.

Table 3

Project	**Approximate Cost [$ x 1,000]**
BB2 CLASSIFERS REPLACEMENT (Opened)	EST $1,988
BB2 FLASH TANK REPLACEMENT (Opened)	EST $196
BB2 SOOT BLOWER REPLACEMENT (Opened)	EST $1,981
BB2 PANTLEGS & BURNER NOZZLES REPLACEMENT (Opened)	EST $494
BB2 2ND RADIANT TUBE REPLACEMENT (Opened)	EST $285
BB2 EXCITER REWIND (Opened)	EST $1,597
BB 4D PULVERIZER GRINDING ASSEMBLY REPLACEMENT (Opened)	EST $287
BB COMMON FGD CONTROLS UPGRADE (Opened)	EST $3,006
BB ALTERNATE LIMESTONE FEED (Opened)	EST $544
BB LIMESTONE RECLAIMER CONTROL UPGRADES (Opened)	EST $269
BB LIMESTONE STORAGE BUILDING REPLACEMENT (Opened)	EST $674
BB C&D ABSORBER/QUENCHER PUMP SUCTION VALVES REPLACEMENT (Opened)	EST $267
BB WASTE WATER TREATMENT RELIABILITY UPGRADES (Opened)	EST $1,167
GYPSUM STORAGE ADDITION (Opened)	EST $46,457
BB3 B2 OXIDATION AIR COMPRESSOR REPLACEMENT (Opened)	EST $821
BB4 D1 OXIDATION AIR COMPRESSOR REPLACEMENT (Opened)	EST $1,259
BS 1A HOT REHEAT STEAM BLOCK VALVE (Opened)	EST $350
BS 1B HOT REHEAT STEAM BLOCK VALVE (Opened)	EST $350
BS 1C HOT REHEAT STEAM BLOCK VALVE (Opened)	EST $350
BS 1C IP REHEAT ATTEMPERATOR INSTALLATION (Opened)	EST $390
BAYSIDE 2 GSU REPLACEMENT (Opened)	EST $4,908
BB4 CONDENSER TUBE MODULE REPLACEMENT (Closed)	$ 6,728

8. Certify to entire report, as follows:

I certify under penalty of law that this information was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system, or the person(s) directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I understand that there are significant penalties for making misrepresentations to or misleading the United States.

Thomas L. Hernandez, Vice President Energy Supply
Tampa Electric Company

ATTACHMENT 1

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree De-integration Report

Big Bend Units 1-2 Consent Decree De-Integration Report
Quarter 2, 2011

Event / Work Order #	Day and Time of Deintegration	Unit De-Integrated	Reason for De-Integration (Include Root Cause)	SO2 Emissions While De-Integrated (TONS)	Current 30-Day Rolling Average % SO2 Removal	Day and Time of Reintegration	Notification Made For Fuel Change - Coal Sulfur Content (lb/mmBtu)
		No De-Integration Days					
TOTAL				0.0			

ATTACHMENT 2

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree Emission Report for Units 1 and 2

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree Emission Report for Units 1 and 2

Unit 1 and Unit 2 SO2 Emission Report

DATE	Unit 1 OnLine	Unit 1 Scrubbed Hours	Unit 2 Online	Unit 2 Scrubbed Hours	Unit 1-2 Daily % Rem Eff	Unit 1-2 30 Day % Rem Eff
04/01/2011	24	24	24	24	96	96
04/02/2011	24	24	24	24	97	96
04/03/2011	24	24	24	24	97	96
04/04/2011	24	24	24	24	96	96
04/05/2011	20	20	24	24	97	96
04/06/2011	24	24	24	24	97	96
04/07/2011	24	24	24	24	96	97
04/08/2011	24	24	24	24	98	97
04/09/2011	24	24	24	24	96	97
04/10/2011	24	24	24	24	95	97
04/11/2011	24	24	24	24	97	97
04/12/2011	24	24	24	24	97	97
04/13/2011	24	24	24	24	97	97
04/14/2011	24	24	24	24	98	97
04/15/2011	24	24	24	24	98	97
04/16/2011	24	24	24	24	96	97
04/17/2011	24	24	24	24	95	97
04/18/2011	24	24	24	24	97	97
04/19/2011	24	24	24	24	96	97
04/20/2011	24	24	24	24	96	97
04/21/2011	24	24	24	24	96	97
04/22/2011	24	24	24	24	97	97
04/23/2011	24	24	24	24	97	97
04/24/2011	24	24	24	24	96	97
04/25/2011	24	24	24	24	96	97
04/26/2011	24	24	24	24	96	97
04/27/2011	24	24	24	24	95	97
04/28/2011	24	24	24	24	96	96
04/29/2011	24	24	24	24	96	96
04/30/2011	24	24	24	24	96	96

DATE	Unit 1 OnLine	Unit 1 Scrubbed Hours	Unit 2 Online	Unit 2 Scrubbed Hours	Unit 1-2 Daily % Rem Eff	Unit 1-2 30 Day % Rem Eff
05/01/2011	24	24	24	24	96	96
05/02/2011	24	24	24	24	96	96
05/03/2011	24	24	24	24	95	96
05/04/2011	24	24	24	24	95	96
05/05/2011	24	24	24	24	96	96
05/06/2011	24	24	24	24	96	96
05/07/2011	24	24	24	24	97	96
05/08/2011	24	24	24	24	97	96
05/09/2011	24	24	24	24	96	96
05/10/2011	24	24	24	24	96	96
05/11/2011	24	24	24	24	97	96
05/12/2011	24	24	19	19	97	96
05/13/2011	24	24	0	0	98	96
05/14/2011	24	24	0	0	98	96
05/15/2011	24	24	0	0	98	96
05/16/2011	11	11	0	0	98	96
05/17/2011	0	0	0	0		96
05/18/2011	0	0	0	0		96
05/19/2011	0	0	5	5	97	96
05/20/2011	13	13	24	24	97	96
05/21/2011	24	24	24	24	98	97
05/22/2011	24	24	24	24	99	97
05/23/2011	24	24	24	24	98	97
05/24/2011	24	24	24	24	98	97
05/25/2011	24	24	24	24	96	97
05/26/2011	24	24	24	24	96	97
05/27/2011	24	24	24	24	96	97
05/28/2011	24	24	24	24	97	97
05/29/2011	24	24	24	24	96	97
05/30/2011	24	24	24	24	95	97
05/31/2011	24	24	24	24	95	97

DATE	Unit 1 OnLine	Unit 1 Scrubbed Hours	Unit 2 Online	Unit 2 Scrubbed Hours	Unit 1-2 Daily % Rem Eff	Unit 1-2 30 Day % Rem Eff
06/01/2011	24	24	24	24	96	97
06/02/2011	24	24	24	24	97	97
06/03/2011	18	18	24	24	96	97
06/04/2011	24	24	24	24	96	97
06/05/2011	24	24	24	24	96	97
06/06/2011	24	24	24	24	96	97
06/07/2011	24	24	24	24	98	97
06/08/2011	24	24	24	24	98	97
06/09/2011	24	24	24	24	98	97
06/10/2011	24	24	24	24	97	97
06/11/2011	24	24	24	24	96	97
06/12/2011	24	24	24	24	96	97
06/13/2011	24	24	24	24	96	97
06/14/2011	24	24	24	24	96	97
06/15/2011	24	24	24	24	96	97
06/16/2011	24	24	24	24	97	97
06/17/2011	24	24	24	24	97	97
06/18/2011	24	24	24	24	97	97
06/19/2011	24	24	24	24	97	97
06/20/2011	24	24	24	24	98	97
06/21/2011	24	24	24	24	97	97
06/22/2011	24	24	24	24	97	97
06/23/2011	24	24	24	24	96	96
06/24/2011	24	24	24	24	96	96
06/25/2011	24	24	24	24	96	96
06/26/2011	24	24	24	24	97	97
06/27/2011	24	24	24	24	97	97
06/28/2011	24	24	24	24	96	97
06/29/2011	24	24	24	24	96	97
06/30/2011	24	24	10	10	97	97

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree Emission Report for Units 1 and 2

Unit 1 NOx Report

Tampa Electric Company Unit 1 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
04/01/2011	0.08	0.09	
04/02/2011	0.08	0.09	
04/03/2011	0.08	0.09	
04/04/2011	0.08	0.09	
04/05/2011	0.09	0.09	
04/06/2011	0.10	0.09	
04/07/2011	0.10	0.09	
04/08/2011	0.07	0.09	
04/09/2011	0.07	0.09	
04/10/2011	0.07	0.09	
04/11/2011	0.08	0.09	
04/12/2011	0.09	0.09	
04/13/2011	0.09	0.09	
04/14/2011	0.09	0.09	
04/15/2011	0.08	0.09	
04/16/2011	0.08	0.09	
04/17/2011	0.08	0.09	
04/18/2011	0.09	0.09	
04/19/2011	0.08	0.08	
04/20/2011	0.08	0.08	
04/21/2011	0.08	0.08	
04/22/2011	0.08	0.08	
04/23/2011	0.09	0.08	
04/24/2011	0.09	0.08	
04/25/2011	0.09	0.08	
04/26/2011	0.09	0.08	
04/27/2011	0.09	0.08	
04/28/2011	0.09	0.08	
04/29/2011	0.09	0.08	
04/30/2011	0.08	0.08	

Tampa Electric Company Unit 1 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
05/01/2011	0.09	0.08	
05/02/2011	0.09	0.08	
05/03/2011	0.10	0.08	
05/04/2011	0.09	0.08	
05/05/2011	0.10	0.09	
05/06/2011	0.14	0.09	
05/07/2011	0.12	0.09	
05/08/2011	0.08	0.09	
05/09/2011	0.07	0.09	
05/10/2011	0.06	0.09	
05/11/2011	0.06	0.09	
05/12/2011	0.06	0.09	
05/13/2011	0.06	0.09	
05/14/2011	0.06	0.09	
05/15/2011	0.06	0.09	
05/16/2011	0.07	0.09	
05/17/2011	-	0.09	
05/18/2011	-	0.09	
05/19/2011	-	0.09	
05/20/2011	0.06	0.08	
05/21/2011	0.06	0.08	
05/22/2011	0.06	0.08	
05/23/2011	0.06	0.08	
05/24/2011	0.08	0.08	
05/25/2011	0.06	0.08	
05/26/2011	0.07	0.08	
05/27/2011	0.07	0.08	
05/28/2011	0.07	0.08	
05/29/2011	0.06	0.08	
05/30/2011	0.06	0.08	
05/31/2011	0.06	0.08	

Tampa Electric Company Unit 1 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
06/01/2011	0.06	0.08	
06/02/2011	0.06	0.07	
06/03/2011	0.06	0.07	
06/04/2011	0.06	0.07	
06/05/2011	0.06	0.07	
06/06/2011	0.08	0.07	
06/07/2011	0.09	0.07	
06/08/2011	0.09	0.07	
06/09/2011	0.09	0.07	
06/10/2011	0.09	0.07	
06/11/2011	0.09	0.07	
06/12/2011	0.09	0.07	
06/13/2011	0.08	0.07	
06/14/2011	0.09	0.07	
06/15/2011	0.09	0.07	
06/16/2011	0.08	0.07	
06/17/2011	0.09	0.07	
06/18/2011	0.09	0.07	
06/19/2011	0.09	0.07	
06/20/2011	0.08	0.07	
06/21/2011	0.10	0.08	
06/22/2011	0.09	0.08	
06/23/2011	0.09	0.08	
06/24/2011	0.09	0.08	
06/25/2011	0.12	0.08	
06/26/2011	0.07	0.08	
06/27/2011	0.09	0.08	
06/28/2011	0.09	0.08	
06/29/2011	0.09	0.08	
06/30/2011	0.06	0.08	

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree Emission Report for Units 1 and 2

Unit 2 NOx Report

Tampa Electric Company Unit 2 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
04/01/2011	0.08	0.09	
04/02/2011	0.08	0.09	
04/03/2011	0.08	0.09	
04/04/2011	0.08	0.09	
04/05/2011	0.09	0.09	
04/06/2011	0.10	0.09	
04/07/2011	0.10	0.09	
04/08/2011	0.07	0.09	
04/09/2011	0.07	0.09	
04/10/2011	0.07	0.09	
04/11/2011	0.08	0.09	
04/12/2011	0.09	0.09	
04/13/2011	0.09	0.09	
04/14/2011	0.09	0.09	
04/15/2011	0.08	0.09	
04/16/2011	0.08	0.09	
04/17/2011	0.08	0.09	
04/18/2011	0.09	0.09	
04/19/2011	0.08	0.08	
04/20/2011	0.08	0.08	
04/21/2011	0.08	0.08	
04/22/2011	0.08	0.08	
04/23/2011	0.09	0.08	
04/24/2011	0.09	0.08	
04/25/2011	0.09	0.08	
04/26/2011	0.09	0.08	
04/27/2011	0.09	0.08	
04/28/2011	0.09	0.08	
04/29/2011	0.09	0.08	
04/30/2011	0.08	0.08	

Tampa Electric Company Unit 2 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
05/01/2011	0.09	0.08	
05/02/2011	0.09	0.08	
05/03/2011	0.10	0.08	
05/04/2011	0.09	0.08	
05/05/2011	0.10	0.09	
05/06/2011	0.14	0.09	
05/07/2011	0.12	0.09	
05/08/2011	0.08	0.09	
05/09/2011	0.07	0.09	
05/10/2011	0.06	0.09	
05/11/2011	0.06	0.09	
05/12/2011	0.06	0.09	
05/13/2011	-	0.09	
05/14/2011	-	0.09	
05/15/2011	-	0.09	
05/16/2011	-	0.09	
05/17/2011	-	0.09	
05/18/2011	-	0.09	
05/19/2011	0.12	0.09	
05/20/2011	0.06	0.08	
05/21/2011	0.06	0.08	
05/22/2011	0.06	0.08	
05/23/2011	0.06	0.08	
05/24/2011	0.08	0.08	
05/25/2011	0.06	0.08	
05/26/2011	0.07	0.08	
05/27/2011	0.07	0.08	
05/28/2011	0.07	0.08	
05/29/2011	0.06	0.08	
05/30/2011	0.06	0.08	
05/31/2011	0.06	0.08	

Tampa Electric Company Unit 2 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
06/01/2011	0.06	0.08	
06/02/2011	0.06	0.07	
06/03/2011	0.06	0.07	
06/04/2011	0.06	0.07	
06/05/2011	0.06	0.07	
06/06/2011	0.08	0.07	
06/07/2011	0.09	0.07	
06/08/2011	0.09	0.07	
06/09/2011	0.09	0.07	
06/10/2011	0.09	0.07	
06/11/2011	0.09	0.07	
06/12/2011	0.09	0.07	
06/13/2011	0.08	0.07	
06/14/2011	0.09	0.07	
06/15/2011	0.09	0.07	
06/16/2011	0.08	0.07	
06/17/2011	0.09	0.07	
06/18/2011	0.09	0.07	
06/19/2011	0.09	0.07	
06/20/2011	0.08	0.07	
06/21/2011	0.10	0.08	
06/22/2011	0.09	0.08	
06/23/2011	0.09	0.08	
06/24/2011	0.09	0.08	
06/25/2011	0.12	0.08	
06/26/2011	0.07	0.08	
06/27/2011	0.09	0.08	
06/28/2011	0.09	0.08	
06/29/2011	0.09	0.08	
06/30/2011	0.06	0.08	

ATTACHMENT 3

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree Emission Report for Unit 3

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree Emission Report for Unit 3

Unit 3 SO2 Emission Report

DATE	Unit 3 OnLine	Unit 3 Scrubbed Hours	Unit 3 Daily % Rem Eff	Unit 3 30 Day % Rem Eff
04/01/2011	24	24	98	96
04/02/2011	24	24	98	96
04/03/2011	24	24	98	97
04/04/2011	24	24	98	97
04/05/2011	24	24	97	97
04/06/2011	24	24	97	97
04/07/2011	19	19	97	97
04/08/2011	0	0		97
04/09/2011	0	0		97
04/10/2011	0	0		97
04/11/2011	19	19	97	97
04/12/2011	24	24	97	97
04/13/2011	24	24	97	97
04/14/2011	24	24	98	97
04/15/2011	24	24	97	97
04/16/2011	24	24	96	97
04/17/2011	24	24	96	97
04/18/2011	24	24	96	97
04/19/2011	24	24	96	97
04/20/2011	24	24	96	97
04/21/2011	24	24	97	97
04/22/2011	24	24	98	97
04/23/2011	24	24	98	97
04/24/2011	24	24	97	97
04/25/2011	24	24	97	97
04/26/2011	24	24	97	97
04/27/2011	24	24	97	97
04/28/2011	24	24	96	97
04/29/2011	24	24	96	97
04/30/2011	24	24	96	97

DATE	Unit 3 OnLine	Unit 3 Scrubbed Hours	Unit 3 Daily % Rem Eff	Unit 3 30 Day % Rem Eff
05/01/2011	24	24	96	97
05/02/2011	24	24	97	97
05/03/2011	24	24	96	97
05/04/2011	24	24	96	97
05/05/2011	24	24	96	97
05/06/2011	24	24	97	97
05/07/2011	24	24	97	97
05/08/2011	24	24	97	97
05/09/2011	24	24	98	97
05/10/2011	24	24	98	97
05/11/2011	24	24	97	97
05/12/2011	24	24	97	97
05/13/2011	24	24	97	97
05/14/2011	24	24	98	97
05/15/2011	24	24	97	97
05/16/2011	24	24	97	97
05/17/2011	24	24	97	97
05/18/2011	24	24	97	97
05/19/2011	24	24	97	97
05/20/2011	24	24	97	97
05/21/2011	24	24	97	97
05/22/2011	24	24	97	97
05/23/2011	24	24	96	97
05/24/2011	24	24	96	97
05/25/2011	24	24	97	97
05/26/2011	24	24	96	97
05/27/2011	24	24	96	97
05/28/2011	24	24	98	97
05/29/2011	24	24	96	97
05/30/2011	5	5	99	97
05/31/2011	0	0		97

DATE	Unit 3 OnLine	Unit 3 Scrubbed Hours	Unit 3 Daily % Rem Eff	Unit 3 30 Day % Rem Eff
06/01/2011	0	0		97
06/02/2011	0	0		97
06/03/2011	0	0		97
06/04/2011	23	23	95	97
06/05/2011	24	24	97	97
06/06/2011	24	24	98	97
06/07/2011	22	22	98	97
06/08/2011	0	0		97
06/09/2011	0	0		97
06/10/2011	0	0		97
06/11/2011	0	0		97
06/12/2011	0	0		97
06/13/2011	0	0		97
06/14/2011	11	11	98	97
06/15/2011	24	24	97	97
06/16/2011	24	24	95	97
06/17/2011	24	24	98	97
06/18/2011	24	24	99	97
06/19/2011	24	24	99	97
06/20/2011	24	24	99	97
06/21/2011	24	24	99	97
06/22/2011	24	24	98	97
06/23/2011	24	24	97	97
06/24/2011	24	24	97	97
06/25/2011	24	24	98	97
06/26/2011	24	24	97	97
06/27/2011	24	24	98	97
06/28/2011	24	24	98	97
06/29/2011	24	24	98	97
06/30/2011	24	24	97	97

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree Emission Report for Unit 3

Unit 3 NOx Report

Tampa Electric Company Unit 3 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
04/01/2011	0.07	0.10	
04/02/2011	0.07	0.09	
04/03/2011	0.07	0.09	
04/04/2011	0.07	0.09	
04/05/2011	0.07	0.09	
04/06/2011	0.07	0.09	
04/07/2011	0.07	0.09	
04/08/2011	-	0.09	
04/09/2011	-	0.09	
04/10/2011	-	0.09	
04/11/2011	0.10	0.09	
04/12/2011	0.10	0.09	
04/13/2011	0.10	0.09	
04/14/2011	0.09	0.09	
04/15/2011	0.10	0.09	
04/16/2011	0.10	0.09	
04/17/2011	0.10	0.09	
04/18/2011	0.10	0.09	
04/19/2011	0.09	0.09	
04/20/2011	0.10	0.09	
04/21/2011	0.09	0.09	
04/22/2011	0.09	0.09	
04/23/2011	0.09	0.09	
04/24/2011	0.10	0.09	
04/25/2011	0.09	0.08	
04/26/2011	0.09	0.09	
04/27/2011	0.10	0.09	
04/28/2011	0.10	0.09	
04/29/2011	0.10	0.09	
04/30/2011	0.10	0.09	

Tampa Electric Company Unit 3 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
05/01/2011	0.10	0.09	
05/02/2011	0.10	0.09	
05/03/2011	0.10	0.09	
05/04/2011	0.10	0.09	
05/05/2011	0.10	0.09	
05/06/2011	0.10	0.09	
05/07/2011	0.10	0.09	
05/08/2011	0.10	0.09	
05/09/2011	0.10	0.09	
05/10/2011	0.10	0.09	
05/11/2011	0.09	0.10	
05/12/2011	0.10	0.10	
05/13/2011	0.09	0.10	
05/14/2011	0.09	0.10	
05/15/2011	0.10	0.10	
05/16/2011	0.09	0.10	
05/17/2011	0.10	0.10	
05/18/2011	0.10	0.10	
05/19/2011	0.10	0.10	
05/20/2011	0.10	0.10	
05/21/2011	0.09	0.10	
05/22/2011	0.14	0.10	
05/23/2011	0.09	0.10	
05/24/2011	0.09	0.10	
05/25/2011	0.09	0.10	
05/26/2011	0.09	0.10	
05/27/2011	0.09	0.10	
05/28/2011	0.08	0.10	
05/29/2011	0.10	0.10	
05/30/2011	0.09	0.10	
05/31/2011	-	0.10	

Tampa Electric Company Unit 3 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
06/01/2011	-	0.10	
06/02/2011	-	0.10	
06/03/2011	-	0.10	
06/04/2011	0.09	0.10	
06/05/2011	0.09	0.10	
06/06/2011	0.10	0.10	
06/07/2011	0.09	0.10	
06/08/2011	-	0.10	
06/09/2011	-	0.10	
06/10/2011	-	0.10	
06/11/2011	-	0.10	
06/12/2011	-	0.10	
06/13/2011	-	0.10	
06/14/2011	0.12	0.10	
06/15/2011	0.09	0.10	
06/16/2011	0.09	0.10	
06/17/2011	0.09	0.10	
06/18/2011	0.09	0.10	
06/19/2011	0.10	0.10	
06/20/2011	0.09	0.10	
06/21/2011	0.09	0.10	
06/22/2011	0.09	0.10	
06/23/2011	0.09	0.10	
06/24/2011	0.09	0.10	
06/25/2011	0.11	0.10	
06/26/2011	0.09	0.10	
06/27/2011	0.09	0.10	
06/28/2011	0.09	0.10	
06/29/2011	0.09	0.10	
06/30/2011	0.09	0.10	

ATTACHMENT 4

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree Emission Report for Unit 4

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Consent Decree Emission Report for Unit 4

Unit 4 NOx Report

Tampa Electric Company Unit 4 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
04/01/2011	-	0.07	
04/02/2011	-	0.07	
04/03/2011	-	0.07	
04/04/2011	0.15	0.07	
04/05/2011	0.09	0.07	
04/06/2011	0.07	0.07	
04/07/2011	0.07	0.07	
04/08/2011	0.07	0.07	
04/09/2011	0.07	0.07	
04/10/2011	0.07	0.07	
04/11/2011	0.08	0.07	
04/12/2011	0.08	0.07	
04/13/2011	0.08	0.07	
04/14/2011	0.08	0.07	
04/15/2011	0.08	0.07	
04/16/2011	0.10	0.07	
04/17/2011	0.08	0.07	
04/18/2011	0.09	0.07	
04/19/2011	0.09	0.08	
04/20/2011	0.08	0.08	
04/21/2011	0.08	0.08	
04/22/2011	0.08	0.08	
04/23/2011	0.08	0.08	
04/24/2011	0.08	0.08	
04/25/2011	0.08	0.08	
04/26/2011	0.08	0.08	
04/27/2011	0.08	0.08	
04/28/2011	0.06	0.08	
04/29/2011	-	0.08	
04/30/2011	-	0.08	

Tampa Electric Company Unit 4 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
05/01/2011	0.04	0.08	
05/02/2011	0.08	0.08	
05/03/2011	0.08	0.08	
05/04/2011	-	0.08	
05/05/2011	-	0.08	
05/06/2011	-	0.08	
05/07/2011	-	0.08	
05/08/2011	-	0.08	
05/09/2011	-	0.08	
05/10/2011	0.09	0.08	
05/11/2011	0.08	0.08	
05/12/2011	0.08	0.08	
05/13/2011	0.08	0.08	
05/14/2011	0.09	0.08	
05/15/2011	0.08	0.08	
05/16/2011	0.08	0.08	
05/17/2011	0.08	0.08	
05/18/2011	0.09	0.08	
05/19/2011	0.08	0.08	
05/20/2011	0.08	0.08	
05/21/2011	0.08	0.08	
05/22/2011	0.08	0.08	
05/23/2011	0.08	0.08	
05/24/2011	0.08	0.08	
05/25/2011	0.08	0.08	
05/26/2011	0.08	0.08	
05/27/2011	0.08	0.08	
05/28/2011	0.08	0.08	
05/29/2011	0.08	0.08	
05/30/2011	0.06	0.08	
05/31/2011	0.08	0.08	

Tampa Electric Company Unit 4 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	
06/01/2011	-	0.08	
06/02/2011	-	0.08	
06/03/2011	0.22	0.08	
06/04/2011	0.09	0.08	
06/05/2011	0.09	0.08	
06/06/2011	0.08	0.08	
06/07/2011	0.08	0.08	
06/08/2011	0.08	0.08	
06/09/2011	0.08	0.08	
06/10/2011	0.08	0.08	
06/11/2011	0.08	0.08	
06/12/2011	0.08	0.08	
06/13/2011	0.08	0.08	
06/14/2011	0.08	0.08	
06/15/2011	0.08	0.08	
06/16/2011	0.08	0.08	
06/17/2011	0.08	0.08	
06/18/2011	0.08	0.08	
06/19/2011	-	0.08	
06/20/2011	-	0.08	
06/21/2011	-	0.08	
06/22/2011	-	0.08	
06/23/2011	0.10	0.08	
06/24/2011	0.08	0.08	
06/25/2011	0.08	0.08	
06/26/2011	0.08	0.08	
06/27/2011	0.08	0.08	
06/28/2011	0.08	0.08	
06/29/2011	0.08	0.08	
06/30/2011	0.08	0.08	

ATTACHMENT 5

TAMPA ELECTRIC COMPANY
BIG BEND STATION

PM CEM Quarterly Data

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Sick Mahaik PM CEM Daily Reports
Unit 3

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/01/2011				
0	395	0.62	0.001	62467000
100	394.8	0.66	0.001	60694000
200	394.8	0.69	0.001	61826000
300	395.3	0.7	0.001	60074000
400	383.3	0.69	0.001	57331000
500	348.1	0.67	0.001	51536000
600	344.5	0.64	0.001	51681000
700	349.6	0.64	0.001	51688000
800	362.3	0.63	0.001	53506000
900	377.8	0.64	0.001	54134000
1000	394.5	0.68	0.001	56262000
1100	394.7	0.72	0.001	57396000
1200	364.1	0.72	0.001	53429000
1300	376.6	0.76	0.001	57035000
1400	386.9	0.77	0.001	57276000
1500	385.1	0.79	0.001	57752000
1600	385.1	0.77	0.001	58882000
1700	385.2	0.78	0.001	59831000
1800	384.8	0.8	0.001	60604000
1900	378.6	0.8	0.001	60721000
2000	379.7	0.79	0.001	60994000
2100	379.8	0.78	0.001	61575000
2200	354.3	0.7	0.001	58257000
2300	305.7	0.68	0.001	54260000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/02/2011				
0	325.9	0.7	0.001	56441000
100	325.9	0.68	0.001	56715000
200	325.9	0.68	0.001	56242000
300	326.1	0.66	0.001	56721000
400	326	0.66	0.001	56278000
500	326.7	0.66	0.001	56295000
600	379.4	0.68	0.001	61499000
700	380.1	0.67	0.001	61578000
800	384.9	0.69	0.001	62071000
900	384.9	0.71	0.001	61929000
1000	389.4	0.73	0.001	62692000
1100	378.1	0.76	0.001	61454000
1200	390.6	0.76	0.001	63107000
1300	393	0.77	0.001	63021000
1400	395.3	0.78	0.001	63706000
1500	395.1	0.78	0.001	63690000
1600	395.2	0.79	0.001	63727000
1700	395.2	0.78	0.001	63689000
1800	395.2	0.81	0.001	63716000
1900	395.2	0.86	0.001	63645000
2000	395.1	0.8	0.001	63612000
2100	395.2	0.81	0.001	63470000
2200	395.2	0.77	0.001	63562000
2300	395.1	0.79	0.001	63567000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/03/2011				
0	395.1	0.79	0.001	63232000
100	395.2	0.8	0.001	63600000
200	395.2	0.8	0.001	63476000
300	395.4	0.79	0.001	63031000
400	395	0.82	0.001	63051000
500	395.1	0.85	0.001	63506000
600	395.1	0.87	0.001	63243000
700	395.1	0.85	0.001	63165000
800	395	0.88	0.001	63356000
900	395	0.9	0.001	63339000
1000	395	0.89	0.001	63443000
1100	395.2	0.9	0.001	63302000
1200	395.2	0.88	0.001	63500000
1300	395.1	0.89	0.001	63251000
1400	390.5	0.88	0.001	62888000
1500	390	0.89	0.001	62356000
1600	390.2	0.9	0.001	62317000
1700	390	0.9	0.001	62652000
1800	390.2	0.91	0.001	62842000
1900	390.1	0.91	0.001	62815000
2000	390.1	0.9	0.001	62873000
2100	390.1	0.9	0.001	62971000
2200	390.1	0.89	0.001	63133000
2300	390.1	0.89	0.001	62682000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/04/2011				
0	390.1	0.84	0.001	62508000
100	390.1	0.86	0.001	62961000
200	389.9	0.86	0.001	62899000
300	390.1	0.85	0.001	62709000
400	392.7	0.82	0.001	63050000
500	395.2	0.83	0.001	63186000
600	395.1	0.83	0.001	63326000
700	395.2	0.85	0.001	63266000
800	395.2	0.88	0.001	62897000
900	394.9	0.87	0.001	62936000
1000	395.3	0.87	0.001	62904000
1100	395.2	0.86	0.001	62996000
1200	395.2	0.85	0.001	63079000
1300	394.9	0.87	0.001	62966000
1400	395	0.89	0.001	63253000
1500	395.1	0.9	0.001	63254000
1600	395.1	0.9	0.001	63447000
1700	395.1	0.89	0.001	63715000
1800	395.2	0.86	0.001	63341000
1900	395.2	0.87	0.001	63839000
2000	395.1	0.86	0.001	63683000
2100	395.1	0.88	0.001	63351000
2200	395.3	0.87	0.001	63109000
2300	395.2	0.85	0.001	63088000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/05/2011				
0	395.2	0.83	0.001	63066000
100	394.9	0.83	0.001	62997000
200	395	0.87	0.001	63287000
300	395	0.89	0.001	63363000
400	395	0.9	0.001	63593000
500	395.2	0.9	0.001	63940000
600	395.1	0.89	0.001	63790000
700	395.1	0.89	0.001	63207000
800	395.2	0.88	0.001	63388000
900	395.7	0.89	0.001	63961000
1000	395.1	0.89	0.001	63551000
1100	397.2	0.88	0.001	63748000
1200	407.4	0.9	0.001	65061000
1300	415.6	0.9	0.001	66019000
1400	418.3	0.9	0.001	64855000
1500	420.7	0.94	0.001	65548000
1600	420.6	0.95	0.001	65217000
1700	402.6	0.95	0.001	63011000
1800	394.9	0.98	0.001	62617000
1900	395.1	0.97	0.001	62402000
2000	395.1	0.97	0.001	62489000
2100	391	0.95	0.001	62360000
2200	368.3	0.9	0.001	60530000
2300	320.8	0.85	0.001	55159000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/06/2011				
0	300.3	0.84	0.001	51841000
100	300.1	0.83	0.001	51480000
200	299.8	0.81	0.001	55304000
300	348.5	0.8	0.001	62732000
400	395.2	0.84	0.001	67419000
500	395.2	0.83	0.001	66980000
600	394.7	0.83	0.001	66703000
700	395.2	0.86	0.001	67409000
800	394.8	0.91	0.001	67714000
900	395.2	1	0.001	67451000
1000	403.3	1	0.001	68277000
1100	420.8	1.05	0.001	71306000
1200	418.1	1.01	0.001	70741000
1300	417.1	0.99	0.001	68831000
1400	420.5	1.01	0.001	66619000
1500	420.7	1.02	0.001	65812000
1600	402.6	0.96	0.001	64446000
1700	395.1	0.95	0.001	63057000
1800	394.8	0.97	0.001	63519000
1900	395	0.97	0.001	63153000
2000	395.3	0.94	0.001	63267000
2100	395.2	0.94	0.001	63505000
2200	395.2	0.91	0.001	63815000
2300	395.1	0.91	0.001	63575000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/07/2011				
0	395.2	0.89	0.001	63352000
100	395.1	0.91	0.001	63474000
200	395.3	0.91	0.001	63644000
300	395	0.91	0.001	63350000
400	395.2	0.91	0.001	63857000
500	395	0.89	0.001	63432000
600	395.3	0.9	0.001	62891000
700	395.2	0.91	0.001	63058000
800	412.9	0.97	0.001	65135000
900	420.7	1.02	0.001	67461000
1000	417.2	1.02	0.001	67069000
1100	415.6	0.98	0.001	65980000
1200	411.7	1.02	0.001	66494000
1300	404.6	1.01	0.001	65857000
1400	394.8	1	0.001	63343000
1500	394.9	1.05	0.002	63375000
1600	392	1.06	0.002	63667000
1700	277	0.93	0.002	51824000
1800	133.7	0.9	0.002	33257000
1900	20.4	1.95	0.007	29968000
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/08/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/09/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/10/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	0	1.76	0.006	29405000
2300	0	5.08	0.017	30794000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/11/2011				
0	0	9.92	0.033	35580000
100	0	9.92	0.033	40866000
200	0	9.92	0.033	41381000
300	0	6.51	0.022	42632000
400	25.3	0.65	0.002	45456000
500	111.6	0.36	0.001	47109000
600	178.4	0.3	0.001	55726000
700	238	0.34	0.001	54113000
800	281.8	0.53	0.001	54350000
900	351	0.62	0.001	62349000
1000	395.2	0.78	0.001	65522000
1100	395.2	0.79	0.001	64100000
1200	395.1	0.83	0.001	63654000
1300	395.4	0.85	0.001	63898000
1400	385.8	0.88	0.001	63121000
1500	383.3	0.87	0.001	62813000
1600	394.6	0.92	0.001	63036000
1700	395.4	0.92	0.001	62668000
1800	395.3	1.03	0.001	63423000
1900	395.3	0.98	0.001	63375000
2000	395	1	0.001	63477000
2100	395	1.09	0.002	63364000
2200	395.2	1.08	0.002	63445000
2300	395.3	1.08	0.002	63165000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/12/2011				
0	395.2	1.06	0.002	62957000
100	395.2	1.1	0.002	63333000
200	395.2	1.09	0.002	63516000
300	395.1	1.14	0.002	63576000
400	395.2	1.14	0.002	63646000
500	395.4	1.12	0.002	64009000
600	395.2	1.1	0.002	64226000
700	395.3	1.05	0.002	63977000
800	395.3	1.06	0.002	64057000
900	395.2	1.11	0.002	64458000
1000	391.6	1.12	0.002	64714000
1100	395.4	1.15	0.002	64920000
1200	389.8	1.11	0.002	63947000
1300	385	1.1	0.002	62779000
1400	392	1.1	0.002	63102000
1500	394.8	1.11	0.002	63684000
1600	395.3	1.12	0.002	63711000
1700	395.3	1.1	0.002	63615000
1800	395.2	1.1	0.002	64064000
1900	395.1	1.11	0.002	63806000
2000	395.2	1.13	0.002	63716000
2100	395.2	1.16	0.002	63765000
2200	395.2	1.15	0.002	63360000
2300	395.4	1.13	0.002	63773000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/13/2011				
0	395.4	1.12	0.002	64001000
100	395	1.11	0.002	63932000
200	395.1	1.12	0.002	64227000
300	395.3	1.14	0.002	64184000
400	395.2	1.14	0.002	63769000
500	395.2	1.13	0.002	63942000
600	395.3	1.12	0.002	64027000
700	395.3	1.13	0.002	64098000
800	395.2	1.12	0.002	63955000
900	395	1.15	0.002	63515000
1000	395.1	1.18	0.002	63776000
1100	395.4	1.16	0.002	63624000
1200	394.8	1.18	0.002	63575000
1300	395.3	1.2	0.002	63766000
1400	395.1	1.19	0.002	63794000
1500	395.1	1.19	0.002	64099000
1600	395.1	1.18	0.002	64056000
1700	395.3	1.22	0.002	63785000
1800	395.4	1.18	0.002	63899000
1900	395	1.21	0.002	64152000
2000	395	1.18	0.002	63902000
2100	395.2	1.17	0.002	63984000
2200	395.2	1.16	0.002	63825000
2300	395.4	1.16	0.002	63680000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/14/2011				
0	395.2	1.14	0.002	64030000
100	395.2	1.12	0.002	63970000
200	395.1	1.14	0.002	63621000
300	395.1	1.15	0.002	63687000
400	395.3	1.15	0.002	63643000
500	395.2	1.15	0.002	63703000
600	395.3	1.14	0.002	63342000
700	395.5	1.15	0.002	63521000
800	395.3	1.12	0.002	63844000
900	395.2	1.15	0.002	63985000
1000	395.3	1.13	0.002	63820000
1100	395	1.15	0.002	63614000
1200	405.8	1.21	0.002	64683000
1300	420	1.29	0.002	67392000
1400	419.4	1.35	0.002	68017000
1500	418.7	1.31	0.002	67348000
1600	398.3	1.25	0.002	65036000
1700	395.1	1.24	0.002	64022000
1800	395.2	1.25	0.002	63683000
1900	395.1	1.21	0.002	63962000
2000	395.3	1.18	0.002	63328000
2100	395.3	1.15	0.002	62844000
2200	395.1	1.15	0.002	63381000
2300	395.1	1.16	0.002	62817000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/15/2011				
0	395.1	1.16	0.002	62782000
100	395.2	1.18	0.002	62565000
200	395.2	1.18	0.002	62620000
300	395.4	1.17	0.002	62917000
400	395.2	1.15	0.002	63427000
500	395.1	1.13	0.002	63237000
600	395.1	1.14	0.002	63096000
700	395.2	1.14	0.002	62192000
800	409.2	1.24	0.002	64717000
900	420.9	1.29	0.002	67242000
1000	420.7	1.28	0.002	66496000
1100	420.8	1.27	0.002	66756000
1200	420.6	1.26	0.002	66674000
1300	403.1	1.22	0.002	64342000
1400	395.1	1.15	0.002	62361000
1500	395	1.15	0.002	62067000
1600	395.3	1.16	0.002	61980000
1700	395.1	1.15	0.002	61510000
1800	395.3	1.15	0.002	61574000
1900	395.1	1.15	0.002	61662000
2000	395.1	1.14	0.002	61812000
2100	395.1	1.15	0.002	62149000
2200	395.5	1.13	0.002	61663000
2300	395.1	1.14	0.002	61644000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/16/2011				
0	395.2	1.14	0.002	62087000
100	395.2	1.13	0.002	61580000
200	395	1.14	0.002	62528000
300	395.3	1.14	0.002	61935000
400	395.1	1.11	0.002	62304000
500	395.3	1.09	0.002	62137000
600	395.3	1.09	0.002	62982000
700	395.1	1.13	0.002	62587000
800	395.2	1.14	0.002	63133000
900	395.3	1.15	0.002	62906000
1000	395.2	1.13	0.002	63116000
1100	395.2	1.1	0.002	63273000
1200	394.9	1.11	0.002	62544000
1300	395.4	1.1	0.002	62701000
1400	395.2	1.22	0.002	62101000
1500	395.1	1.02	0.001	61962000
1600	395.2	1.02	0.001	62307000
1700	395.3	1.01	0.001	62082000
1800	395.3	1.02	0.001	62440000
1900	395.2	1.04	0.001	62868000
2000	395.4	0.99	0.001	62894000
2100	395	0.99	0.001	62799000
2200	395	1.01	0.001	62944000
2300	395.3	1	0.001	63062000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/17/2011				
0	395.3	1.01	0.001	62873000
100	334.9	0.96	0.001	56891000
200	324.4	0.98	0.001	55288000
300	323.6	0.98	0.001	55264000
400	323.7	0.98	0.001	55834000
500	323.8	0.96	0.001	55409000
600	323.7	0.97	0.001	55003000
700	344.1	1.01	0.001	57962000
800	395.4	1.06	0.001	62305000
900	395.2	1.15	0.002	61898000
1000	395.3	1.22	0.002	62018000
1100	395.2	1.23	0.002	61784000
1200	395.2	1.25	0.002	62253000
1300	395.1	1.25	0.002	61785000
1400	395.2	1.26	0.002	61545000
1500	395.1	1.14	0.002	61887000
1600	395.3	1.14	0.002	62035000
1700	395.4	1.11	0.002	61958000
1800	395.2	1.12	0.002	62083000
1900	395	1.14	0.002	62462000
2000	395.3	1.13	0.002	62199000
2100	395.2	1.13	0.002	61835000
2200	395.2	1.13	0.002	62185000
2300	395.4	1.13	0.002	61995000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/18/2011				
0	395.1	1.15	0.002	61926000
100	395.2	1.15	0.002	62232000
200	395.3	1.15	0.002	61748000
300	395.1	1.17	0.002	61878000
400	395.3	1.17	0.002	61767000
500	395.3	1.13	0.002	61923000
600	395.2	1.13	0.002	61859000
700	395	1.13	0.002	61826000
800	395.2	1.15	0.002	61844000
900	395.3	1.15	0.002	61652000
1000	395.6	1.14	0.004	62205000
1100	395.4	1.15	0.002	61971000
1200	395.3	1.22	0.002	61998000
1300	395.2	1.26	0.002	61996000
1400	394.8	1.25	0.002	62072000
1500	407	1.24	0.002	63408000
1600	410.6	1.29	0.002	63991000
1700	410.6	1.23	0.002	64304000
1800	410.6	1.22	0.002	64404000
1900	410.4	1.19	0.002	64351000
2000	410.6	1.19	0.002	64609000
2100	404.7	1.15	0.002	63972000
2200	395.3	1.13	0.002	62643000
2300	395.2	1.11	0.002	62104000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/19/2011				
0	395.2	1.11	0.002	62285000
100	395.1	1.11	0.002	62303000
200	395	1.12	0.002	62074000
300	395.3	1.14	0.002	62180000
400	395.1	1.15	0.002	62332000
500	395.3	1.12	0.002	62282000
600	395.3	1.13	0.002	62137000
700	395.2	1.08	0.002	62369000
800	395.5	1.06	0.001	62861000
900	394.9	1.07	0.002	62237000
1000	405.4	1.12	0.002	63176000
1100	420.8	1.14	0.002	64882000
1200	420.7	1.07	0.002	64963000
1300	420.9	1.09	0.002	64973000
1400	420.7	1.13	0.002	65451000
1500	420.7	1.15	0.002	65174000
1600	420.6	1.2	0.002	65598000
1700	418.4	1.17	0.002	65345000
1800	395.2	1.09	0.002	62611000
1900	395.2	1.1	0.002	62663000
2000	394.9	1.1	0.002	62323000
2100	395.3	1.09	0.002	62558000
2200	395.3	1.09	0.002	62612000
2300	395.3	1.09	0.002	62284000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/20/2011				
0	395.1	1.09	0.002	62232000
100	395.2	1.07	0.002	62240000
200	394.8	1.07	0.002	62069000
300	395.3	1.13	0.002	61442000
400	395.3	1.08	0.002	61862000
500	395.2	1.08	0.002	62392000
600	395.1	1.09	0.002	62130000
700	395.2	1.09	0.002	62381000
800	395.3	1.07	0.002	62635000
900	395.1	1.08	0.002	62488000
1000	395.1	1.11	0.002	62235000
1100	394.9	1.11	0.002	61875000
1200	395.3	1.13	0.002	61802000
1300	395.3	1.16	0.002	61594000
1400	395.1	1.15	0.002	61953000
1500	409.7	1.18	0.002	63552000
1600	410.5	1.19	0.002	63681000
1700	410.3	1.22	0.002	63858000
1800	410.7	1.23	0.002	63411000
1900	410.4	1.24	0.002	62968000
2000	410.6	1.24	0.002	63394000
2100	410.5	1.22	0.002	63177000
2200	402.3	1.21	0.002	62371000
2300	395.2	1.33	0.002	61503000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/21/2011				
0	395.1	1.29	0.002	61187000
100	387.3	1.31	0.002	60846000
200	344	1.27	0.002	56263000
300	344.1	1.25	0.002	56502000
400	386.8	1.29	0.002	60201000
500	395.1	1.27	0.002	61222000
600	395.2	1.27	0.002	61415000
700	395	1.3	0.002	61387000
800	395.2	1.33	0.002	61070000
900	395.2	1.36	0.002	61265000
1000	395.1	1.43	0.002	61435000
1100	395.4	1.4	0.002	61667000
1200	395.2	1.5	0.002	61558000
1300	395	1.49	0.002	61537000
1400	390	1.51	0.002	61155000
1500	311.7	1.36	0.002	53215000
1600	303.5	1.26	0.002	55028000
1700	303.3	1.24	0.002	54601000
1800	303.4	1.23	0.002	55340000
1900	303.4	1.23	0.002	55548000
2000	303.5	1.18	0.002	55702000
2100	326.5	1.16	0.002	57597000
2200	392.6	1.28	0.002	63336000
2300	395.1	1.28	0.002	62269000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/22/2011				
0	395.1	1.27	0.002	62088000
100	395.2	1.27	0.002	61726000
200	395.2	1.27	0.002	61478000
300	395.3	1.28	0.002	61731000
400	394.9	1.31	0.002	61894000
500	395.5	1.38	0.002	62131000
600	395.3	1.32	0.002	61715000
700	395.2	1.33	0.002	61999000
800	395.1	1.34	0.002	61742000
900	395.1	1.36	0.002	61937000
1000	395.3	1.36	0.002	61688000
1100	395.2	1.43	0.002	61986000
1200	395.3	1.43	0.002	61910000
1300	395.2	1.4	0.002	61733000
1400	395.1	1.38	0.002	61241000
1500	395.9	1.34	0.002	61187000
1600	410.5	1.46	0.002	62705000
1700	410.2	1.47	0.002	63212000
1800	410.7	1.48	0.002	63574000
1900	410.8	1.5	0.002	63762000
2000	409.4	1.47	0.002	63459000
2100	395.1	1.4	0.002	61865000
2200	395.2	1.41	0.002	61551000
2300	394.8	1.36	0.002	61738000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/23/2011				
0	395.4	1.39	0.002	61866000
100	391.2	1.35	0.002	61674000
200	379	1.33	0.002	60348000
300	354.3	1.26	0.002	57735000
400	354.4	1.25	0.002	58261000
500	354.4	1.21	0.002	58045000
600	358.8	1.19	0.002	58347000
700	395.2	1.23	0.002	61937000
800	395.1	1.3	0.002	61811000
900	395.1	1.31	0.002	61787000
1000	394.9	1.34	0.002	61652000
1100	395.4	1.41	0.002	61723000
1200	395.3	1.4	0.002	61619000
1300	395.2	1.44	0.002	61642000
1400	395.3	1.43	0.002	61829000
1500	395.2	1.46	0.002	61859000
1600	395.2	1.44	0.002	61584000
1700	395.1	1.45	0.002	61719000
1800	395.1	1.45	0.002	61736000
1900	395.3	1.41	0.002	61594000
2000	395.1	1.39	0.002	61513000
2100	395.3	1.37	0.002	61584000
2200	395.2	1.37	0.002	61574000
2300	359	1.27	0.002	58114000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/24/2011				
0	331	1.23	0.002	55192000
100	395.2	1.36	0.002	62440000
200	395.4	1.32	0.002	62050000
300	395.3	1.31	0.002	62550000
400	395.2	1.3	0.002	62511000
500	395.2	1.3	0.002	62521000
600	395.1	1.34	0.002	63055000
700	395.1	1.32	0.002	62846000
800	395	1.33	0.002	62647000
900	395.1	1.36	0.002	62951000
1000	395.3	1.39	0.002	62332000
1100	395.1	1.38	0.002	62058000
1200	395.4	1.39	0.002	62398000
1300	395	1.38	0.002	62581000
1400	395	1.38	0.002	62314000
1500	395.3	1.36	0.002	62247000
1600	395.3	1.35	0.002	61971000
1700	395.1	1.32	0.002	62254000
1800	395.3	1.31	0.002	62393000
1900	395.5	1.31	0.002	62875000
2000	395.2	1.32	0.002	62656000
2100	395.2	1.32	0.002	62472000
2200	395.2	1.32	0.002	62760000
2300	395.4	1.34	0.002	62982000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/25/2011				
0	395.2	1.33	0.002	62846000
100	395.3	1.34	0.002	63173000
200	395.2	1.34	0.002	62720000
300	395.1	1.39	0.002	63531000
400	395.3	1.42	0.002	63757000
500	395.4	1.37	0.002	63546000
600	395.2	1.36	0.002	63152000
700	395.4	1.35	0.002	63638000
800	395.3	1.31	0.002	62935000
900	395.1	1.38	0.002	62281000
1000	395.3	1.4	0.002	61993000
1100	395.4	1.39	0.002	61829000
1200	395.2	1.39	0.002	62026000
1300	395.2	1.43	0.002	61630000
1400	400.7	1.44	0.002	62119000
1500	410.6	1.5	0.002	63565000
1600	410.6	1.46	0.002	63533000
1700	410.5	1.49	0.002	63404000
1800	410.6	1.46	0.002	63399000
1900	410.4	1.49	0.002	63469000
2000	410.6	1.49	0.002	63291000
2100	408.8	1.48	0.002	63436000
2200	317.2	1.28	0.002	53957000
2300	292.3	1.19	0.002	52857000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/26/2011				
0	293.1	1.2	0.002	53679000
100	293.2	1.16	0.002	54171000
200	293.1	1.15	0.002	55121000
300	293.2	1.13	0.002	55887000
400	294.9	1.12	0.002	56283000
500	335.2	1.18	0.002	60797000
600	392.8	1.23	0.002	65232000
700	395	1.24	0.002	64364000
800	395.1	1.26	0.002	63286000
900	395	1.24	0.002	62420000
1000	395.2	1.29	0.002	62284000
1100	395.3	1.32	0.002	62284000
1200	395.2	1.47	0.002	62101000
1300	395.3	1.22	0.002	62478000
1400	395.1	1.19	0.002	62119000
1500	395.2	1.19	0.002	61906000
1600	395.3	1.2	0.002	61735000
1700	395.1	1.21	0.002	61804000
1800	395.4	1.29	0.002	62218000
1900	395.2	1.19	0.002	61672000
2000	395.1	1.2	0.002	61824000
2100	394.8	1.21	0.002	62183000
2200	395.5	1.26	0.002	62021000
2300	395.3	1.24	0.002	61979000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/27/2011				
0	395.3	1.23	0.002	62257000
100	395.1	1.21	0.002	62145000
200	395.2	1.23	0.002	62125000
300	395.3	1.2	0.002	62307000
400	395.1	1.21	0.002	62638000
500	404.8	1.19	0.002	63545000
600	395.1	1.25	0.002	62518000
700	395.4	1.29	0.002	62727000
800	395.3	1.29	0.002	62764000
900	395	0.77	0.001	62211000
1000	395.2	1.56	0.002	62185000
1100	395	1.29	0.002	62825000
1200	395.2	1.26	0.002	62519000
1300	371	1.21	0.002	59842000
1400	394.1	1.32	0.002	62217000
1500	395.2	1.3	0.002	62208000
1600	395.2	1.31	0.002	62338000
1700	395.2	1.32	0.002	62396000
1800	395.3	1.29	0.002	62341000
1900	395	1.3	0.002	62233000
2000	395.3	1.32	0.002	62083000
2100	395.2	1.3	0.002	62253000
2200	395.2	1.28	0.002	62145000
2300	395.3	1.25	0.002	62505000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/28/2011				
0	395.2	1.24	0.002	62427000
100	395.2	1.26	0.002	62447000
200	395.2	1.29	0.002	62372000
300	395.1	1.28	0.002	62753000
400	395.4	1.3	0.002	62645000
500	395.3	1.3	0.002	62886000
600	395.3	1.27	0.002	62360000
700	395.2	1.23	0.002	62425000
800	394.9	1.29	0.002	62071000
900	395.2	1.31	0.002	62301000
1000	395.1	1.31	0.002	62230000
1100	395.2	1.33	0.002	62042000
1200	395.2	1.33	0.002	61762000
1300	396.8	1.37	0.002	62422000
1400	410.5	1.4	0.002	63799000
1500	410.6	1.41	0.002	63628000
1600	410.4	1.43	0.002	63660000
1700	410.6	1.4	0.002	63564000
1800	410.6	1.43	0.002	64126000
1900	410.7	1.48	0.002	63949000
2000	410.6	1.48	0.002	64239000
2100	410.5	1.48	0.002	64367000
2200	410.5	1.49	0.002	63928000
2300	410.7	1.47	0.002	63971000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/29/2011				
0	407.8	1.43	0.002	63789000
100	395.1	1.34	0.002	62279000
200	395.2	1.35	0.002	62205000
300	395.2	1.32	0.002	62340000
400	395.3	1.36	0.002	62499000
500	395.1	1.34	0.002	62020000
600	395.3	1.33	0.002	62532000
700	395	1.35	0.002	62761000
800	395.3	1.34	0.002	63009000
900	395.4	1.33	0.002	63234000
1000	395.2	1.32	0.002	63201000
1100	395.2	1.32	0.002	63602000
1200	394.9	1.29	0.002	63316000
1300	395.5	1.32	0.002	63279000
1400	395.4	1.35	0.002	63377000
1500	395.3	1.36	0.002	63028000
1600	407.7	1.47	0.002	64362000
1700	408.2	1.49	0.002	64163000
1800	408.6	1.44	0.002	64467000
1900	408.1	1.39	0.002	64074000
2000	395.7	1.29	0.002	62078000
2100	395.1	1.26	0.002	61592000
2200	395.3	1.28	0.002	62228000
2300	395.4	1.26	0.002	62830000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/30/2011				
0	368.1	1.13	0.002	60239000
100	335.6	1.01	0.002	56375000
200	392.1	1.15	0.002	62546000
300	395.2	1.2	0.002	63408000
400	395.2	1.2	0.002	63550000
500	395.2	1.14	0.002	63506000
600	395.2	1.17	0.002	63494000
700	395.2	1.15	0.002	63821000
800	395	1.14	0.002	63221000
900	395.3	1.15	0.002	63868000
1000	395.3	1.13	0.002	62982000
1100	395.2	1.15	0.002	62320000
1200	395.4	1.17	0.002	62297000
1300	395.1	1.16	0.002	62149000
1400	395.2	1.18	0.002	62147000
1500	395.2	1.18	0.002	62299000
1600	395.3	1.19	0.002	62462000
1700	395.2	1.19	0.002	62503000
1800	395.2	1.15	0.002	62249000
1900	395.2	1.14	0.002	61706000
2000	395.3	1.11	0.002	61854000
2100	395.3	1.1	0.002	61693000
2200	395.3	1.1	0.002	62167000
2300	395.1	1.09	0.002	61744000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/01/2011				
0	395.2	1.11	0.002	62126000
100	395.2	1.07	0.002	62093000
200	395.1	1.08	0.002	61944000
300	395.1	1.06	0.001	62163000
400	395	1.06	0.001	62163000
500	395.2	1.06	0.001	62159000
600	395.4	1.03	0.001	62332000
700	395	1.01	0.001	62113000
800	395.2	1.01	0.001	62218000
900	395	1.03	0.001	62083000
1000	395.3	1.07	0.002	62025000
1100	395.4	1.08	0.002	62004000
1200	395.1	1.07	0.002	61895000
1300	395.2	1.12	0.002	62550000
1400	395.2	1.12	0.002	62019000
1500	395	1.11	0.002	61795000
1600	395.3	1.11	0.002	62089000
1700	395.4	1.1	0.002	62299000
1800	395.1	1.11	0.002	62090000
1900	395.2	1.11	0.002	62326000
2000	395	1.09	0.002	62396000
2100	395.2	1.08	0.002	62481000
2200	395.3	1.05	0.001	62460000
2300	395.3	1.03	0.001	62616000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/02/2011				
0	395.2	1.04	0.001	62851000
100	395.1	1.01	0.001	62868000
200	381.9	0.98	0.001	61101000
300	374.7	0.95	0.001	60459000
400	374.9	0.93	0.001	60921000
500	388.7	0.96	0.001	62043000
600	395.2	0.97	0.001	62698000
700	395.3	0.96	0.001	62566000
800	395.3	0.96	0.001	62272000
900	395.3	0.95	0.001	62180000
1000	395.2	0.99	0.001	62147000
1100	395.3	1.02	0.001	62890000
1200	394.9	1.05	0.002	62325000
1300	395.1	1.07	0.002	62709000
1400	395.4	1.09	0.002	62484000
1500	395.1	1.08	0.002	62244000
1600	395.3	1.12	0.002	62216000
1700	395.1	1.12	0.002	62046000
1800	395.3	1.13	0.002	62250000
1900	395.3	1.12	0.002	62336000
2000	395	1.12	0.002	62700000
2100	395.3	1.09	0.002	62078000
2200	395	1.06	0.002	61932000
2300	395.3	1.06	0.002	61839000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/03/2011				
0	395.2	1.06	0.002	62198000
100	395.2	1.04	0.001	62443000
200	395.3	1.05	0.002	62169000
300	394.9	1.03	0.001	61812000
400	395.4	1.06	0.002	62359000
500	395.1	1.06	0.002	61973000
600	395.3	1.05	0.001	62231000
700	395.3	1.04	0.001	61520000
800	395.2	1.05	0.002	62139000
900	395.2	1.1	0.002	62015000
1000	395.2	1.17	0.002	61749000
1100	395.2	1.14	0.002	62038000
1200	395.3	1.12	0.002	62561000
1300	395.3	1.13	0.002	62616000
1400	395.1	1.12	0.002	62645000
1500	395.2	1.07	0.002	62181000
1600	395.4	1.05	0.002	61764000
1700	395.3	1.07	0.002	62105000
1800	395.2	1.05	0.002	61868000
1900	395	1.07	0.002	61883000
2000	395.3	1.04	0.001	62069000
2100	395.4	1.04	0.001	62245000
2200	395.1	1.05	0.001	62196000
2300	395.3	1.03	0.001	62131000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/04/2011				
0	395.1	1.04	0.001	62487000
100	395.2	1.06	0.002	62084000
200	395.3	1.04	0.001	61875000
300	395.2	1.02	0.001	62088000
400	395.2	1.04	0.001	61958000
500	395.2	1.03	0.001	62492000
600	395.2	1.04	0.001	61841000
700	395.3	1.01	0.001	62310000
800	395.3	1.03	0.001	62208000
900	395.2	1.03	0.001	62476000
1000	395.2	1.17	0.002	62881000
1100	395.2	1.05	0.001	62322000
1200	395.3	1.08	0.002	62286000
1300	395.2	1.06	0.002	62201000
1400	395.2	1.06	0.002	62650000
1500	395.1	1.05	0.002	62377000
1600	402.1	1.11	0.002	62957000
1700	410.7	1.15	0.002	64297000
1800	410.6	1.13	0.002	64003000
1900	410.6	1.1	0.002	63950000
2000	402.8	1.09	0.002	63217000
2100	366.5	1	0.001	59469000
2200	284.2	0.91	0.001	51410000
2300	282.9	0.86	0.001	52490000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/05/2011				
0	282.9	0.84	0.001	52757000
100	282.9	0.82	0.001	53250000
200	283	0.78	0.001	53495000
300	282.9	0.74	0.001	53911000
400	283.1	0.7	0.001	53984000
500	324.7	0.76	0.001	58273000
600	395.4	0.88	0.001	64777000
700	395.2	0.88	0.001	63243000
800	395	0.9	0.001	62336000
900	395.3	0.96	0.001	62375000
1000	395.3	0.99	0.001	62867000
1100	395.1	0.97	0.001	63071000
1200	395.3	0.97	0.001	63003000
1300	395.2	0.98	0.001	62653000
1400	395.1	1.01	0.001	63033000
1500	395.3	1.02	0.001	62759000
1600	395.4	1.01	0.001	62585000
1700	395.2	1	0.001	62592000
1800	395.2	1	0.001	62337000
1900	395.1	0.97	0.001	62461000
2000	395.2	0.96	0.001	62492000
2100	395.3	0.98	0.001	62592000
2200	395.2	0.94	0.001	62358000
2300	395.2	0.93	0.001	62281000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/06/2011				
0	395	0.93	0.001	62460000
100	395.1	0.93	0.001	63005000
200	342.8	0.89	0.001	57283000
300	291.7	0.82	0.001	52894000
400	297.6	0.81	0.001	55940000
500	298.3	0.76	0.001	56345000
600	298.2	0.73	0.001	56907000
700	298.1	0.76	0.001	56889000
800	298.3	0.76	0.001	57166000
900	298.2	0.75	0.001	57625000
1000	298.3	0.73	0.001	57012000
1100	298.3	0.71	0.001	57656000
1200	307.7	0.71	0.001	58259000
1300	390.9	0.91	0.001	66364000
1400	406.5	1	0.001	66337000
1500	409.3	1.06	0.002	66057000
1600	409.5	1.05	0.002	65582000
1700	408.9	1.03	0.001	64520000
1800	395.2	0.99	0.001	63415000
1900	395.2	1.01	0.001	62850000
2000	395.3	0.99	0.001	62611000
2100	395.3	0.99	0.001	62496000
2200	395.1	0.99	0.001	62420000
2300	401.2	1.03	0.001	63253000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/07/2011				
0	374.4	0.93	0.001	60941000
100	322.8	0.83	0.001	54840000
200	333.9	0.8	0.001	56590000
300	381.8	0.89	0.001	61335000
400	394.9	0.93	0.001	62858000
500	395.2	0.97	0.001	62493000
600	395.2	0.98	0.001	62796000
700	395.3	0.94	0.001	62994000
800	395.2	0.94	0.001	62840000
900	395.3	0.97	0.001	62719000
1000	395.2	0.98	0.001	62999000
1100	395	0.97	0.001	62787000
1200	395.2	1.01	0.001	62290000
1300	395.2	1	0.001	62100000
1400	395.1	0.98	0.001	61954000
1500	395.4	1.03	0.001	62650000
1600	395.1	0.95	0.001	62239000
1700	395.1	0.95	0.001	62007000
1800	395.2	0.97	0.001	61899000
1900	395.4	0.96	0.001	61970000
2000	395.3	0.92	0.001	61534000
2100	395.2	0.91	0.001	61958000
2200	395.1	0.91	0.001	62018000
2300	395	0.91	0.001	61996000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/08/2011				
0	395.2	0.89	0.001	62221000
100	395.1	0.9	0.001	62030000
200	395.1	0.9	0.001	62226000
300	395.3	0.89	0.001	62854000
400	395.2	0.88	0.001	62886000
500	395.2	0.87	0.001	63055000
600	395	0.85	0.001	62785000
700	395.2	0.87	0.001	62719000
800	395.3	0.87	0.001	62838000
900	395.1	0.88	0.001	62484000
1000	395.1	0.88	0.001	62442000
1100	395.2	0.91	0.001	62688000
1200	395.2	0.93	0.001	63522000
1300	395.2	0.92	0.001	63795000
1400	395.1	0.87	0.001	63448000
1500	398.6	0.88	0.001	63200000
1600	409.6	0.99	0.001	65535000
1700	409.5	0.99	0.001	65933000
1800	409.6	1.05	0.002	65576000
1900	409.6	1.04	0.002	65541000
2000	409.4	1.07	0.002	65762000
2100	398.1	0.98	0.001	64340000
2200	395	0.92	0.001	63194000
2300	395.2	0.93	0.001	63216000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/09/2011				
0	395.3	0.94	0.001	63308000
100	395.3	0.91	0.001	63195000
200	395	0.91	0.001	62704000
300	395.2	0.94	0.001	62942000
400	395.1	0.93	0.001	62485000
500	395.2	0.94	0.001	62758000
600	395.2	0.95	0.001	62768000
700	395.3	0.94	0.001	62778000
800	395.1	0.96	0.001	63091000
900	395.2	0.94	0.001	63177000
1000	395.1	0.97	0.001	62661000
1100	395.2	1.02	0.001	63082000
1200	395.2	1.04	0.002	63586000
1300	395.3	1.08	0.002	64881000
1400	395.1	1.07	0.002	64928000
1500	394.9	1.06	0.002	64270000
1600	395	1.07	0.002	63629000
1700	395.2	1.13	0.002	63570000
1800	395.2	1.14	0.002	64184000
1900	395.2	1.09	0.002	63394000
2000	395	1.09	0.002	63896000
2100	395.3	1.12	0.002	63826000
2200	395.3	1.09	0.002	64293000
2300	395.3	1.03	0.002	64562000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/10/2011				
0	395	1	0.001	63908000
100	395.1	0.99	0.001	63731000
200	395.1	0.95	0.001	63416000
300	395.8	1	0.001	64037000
400	394.8	0.95	0.001	63260000
500	395	0.97	0.001	62862000
600	395.1	0.97	0.001	63796000
700	395.1	1	0.001	63759000
800	395.2	0.98	0.001	63764000
900	395.2	0.99	0.001	63819000
1000	395.4	1.03	0.001	64289000
1100	395.1	1.07	0.002	64211000
1200	395.1	1.09	0.002	64360000
1300	395.2	1.09	0.002	63469000
1400	395.3	1.06	0.002	63179000
1500	395.3	1.1	0.002	63228000
1600	395	1.08	0.002	63222000
1700	395.3	1.09	0.002	63421000
1800	395.2	1.04	0.002	63452000
1900	395	1.03	0.001	63629000
2000	395.3	1.06	0.002	63548000
2100	395.3	1.03	0.002	63029000
2200	395.1	1.07	0.002	63672000
2300	395.1	1.09	0.002	64148000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/11/2011				
0	395.1	1.1	0.002	64314000
100	395.1	1.08	0.002	64203000
200	395.2	1	0.001	64099000
300	395.1	0.98	0.001	64223000
400	395.3	0.95	0.001	64186000
500	395.2	0.93	0.001	63831000
600	395.2	0.89	0.001	63301000
700	395.1	0	0	62556000
800	395	0	0	62117000
900	395.3	0	0	62367000
1000	395.2	0	0	63972000
1100	395.2	0	0	63397000
1200	395.3	0	0	63959000
1300	395.2	1.32	0.002	64709000
1400	395	1.31	0.002	64292000
1500	395.2	1.36	0.002	64173000
1600	395.1	1.34	0.002	64259000
1700	395.3	1.33	0.002	64494000
1800	395.1	1.24	0.002	63832000
1900	395.2	1.26	0.002	62985000
2000	395.1	1.22	0.002	62406000
2100	395.3	1.22	0.002	62400000
2200	405.8	1.29	0.002	63853000
2300	395.2	1.22	0.002	63360000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/12/2011				
0	395.3	1.23	0.002	63248000
100	395.1	1.2	0.002	62637000
200	395.2	1.17	0.002	62416000
300	395	1.16	0.002	62147000
400	395.2	1.19	0.002	62339000
500	395.3	1.17	0.002	61726000
600	395.2	1.21	0.002	62290000
700	395.2	1.18	0.002	62053000
800	395.1	1.18	0.002	61826000
900	395.2	1.23	0.002	61880000
1000	395.3	1.22	0.002	61341000
1100	395.1	1.23	0.002	61122000
1200	395.1	1.25	0.002	60942000
1300	395.3	1.38	0.002	60715000
1400	395.1	1.24	0.002	60564000
1500	406.5	1.31	0.002	62187000
1600	410.8	1.37	0.002	62439000
1700	410.6	1.39	0.002	62676000
1800	410.6	1.38	0.002	62949000
1900	400.8	1.33	0.002	62622000
2000	399	1.29	0.002	61726000
2100	395.3	1.25	0.002	60548000
2200	395	1.25	0.002	61470000
2300	395.2	1.25	0.002	61653000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/13/2011				
0	395.3	1.25	0.002	61484000
100	395.3	1.24	0.002	62201000
200	395.1	1.24	0.002	62680000
300	395.1	1.22	0.002	62421000
400	395.2	1.24	0.002	62442000
500	395.2	1.22	0.002	62532000
600	395.1	1.25	0.002	63123000
700	395.2	1.22	0.002	63619000
800	395.2	1.21	0.002	63490000
900	395.3	1.25	0.002	63468000
1000	395.2	1.27	0.002	63356000
1100	395	1.27	0.002	64292000
1200	395.2	1.27	0.002	63725000
1300	395.3	1.31	0.002	64323000
1400	395.1	1.31	0.002	64214000
1500	395.1	1.29	0.002	64477000
1600	395.3	1.28	0.002	64492000
1700	395	1.31	0.002	64083000
1800	395.3	1.32	0.002	64783000
1900	395.2	1.34	0.002	65290000
2000	395.1	1.34	0.002	64945000
2100	395.1	1.31	0.002	64857000
2200	394.9	1.27	0.002	64261000
2300	365.7	1.2	0.002	61466000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/14/2011				
0	317.2	1.05	0.002	55253000
100	387.1	1.29	0.002	63155000
200	395.2	1.37	0.002	66723000
300	395	1.33	0.002	66402000
400	395.1	1.41	0.002	66163000
500	395.3	1.32	0.002	65688000
600	395.3	1.26	0.002	65668000
700	395	1.32	0.002	65787000
800	395.1	1.34	0.002	65403000
900	395.1	1.27	0.002	65397000
1000	395.2	1.28	0.002	65007000
1100	395.3	1.3	0.002	65431000
1200	395.3	1.3	0.002	65629000
1300	395.2	1.29	0.002	64976000
1400	380.8	1.27	0.002	63112000
1500	378.5	1.23	0.002	63139000
1600	395.1	1.27	0.002	64902000
1700	395.1	1.3	0.002	65349000
1800	395.1	1.33	0.002	65308000
1900	409.8	1.44	0.002	66523000
2000	410.5	1.45	0.002	66680000
2100	410.5	1.47	0.002	66529000
2200	406.6	1.47	0.002	66489000
2300	395.2	1.39	0.002	65101000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/15/2011				
0	395.3	1.39	0.002	64808000
100	395	1.37	0.002	65045000
200	395.2	1.4	0.002	64923000
300	395.1	1.4	0.002	65149000
400	395	1.37	0.002	64864000
500	395.2	1.35	0.002	64699000
600	395.2	1.34	0.002	64489000
700	395.3	1.33	0.002	64844000
800	394.9	1.34	0.002	64937000
900	395	1.37	0.002	64465000
1000	395.2	1.33	0.002	64214000
1100	395.1	1.33	0.002	64117000
1200	395.2	1.35	0.002	64347000
1300	395.3	1.32	0.002	63755000
1400	395.2	1.31	0.002	63861000
1500	395	1.34	0.002	64018000
1600	395.1	1.34	0.002	63863000
1700	395.1	1.33	0.002	63761000
1800	395.1	1.31	0.002	63779000
1900	395.4	1.32	0.002	63323000
2000	395	1.32	0.002	63001000
2100	395.1	1.31	0.002	62948000
2200	395.1	1.31	0.002	63033000
2300	395.3	1.32	0.002	62701000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/16/2011				
0	395.2	1.32	0.002	63077000
100	395.2	1.36	0.002	63024000
200	395.1	1.33	0.002	63040000
300	395.1	1.32	0.002	63513000
400	395.1	1.34	0.002	64287000
500	395.1	1.31	0.002	63578000
600	395.3	1.32	0.002	63692000
700	395.1	1.31	0.002	63540000
800	395.2	1.32	0.002	63465000
900	395	1.32	0.002	63811000
1000	395.2	1.31	0.002	64062000
1100	395.3	1.32	0.002	63959000
1200	395.1	1.31	0.002	63636000
1300	395.1	1.35	0.002	63469000
1400	395	1.34	0.002	63469000
1500	395.2	1.33	0.002	63652000
1600	395.3	1.34	0.002	63631000
1700	395.1	1.28	0.002	63315000
1800	395.2	1.25	0.002	62992000
1900	395	1.23	0.002	63040000
2000	395.3	1.24	0.002	62830000
2100	390.6	1.25	0.002	62954000
2200	281.4	1.08	0.002	50229000
2300	207.5	0.94	0.002	42583000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/17/2011				
0	211.7	0.84	0.001	44842000
100	211.7	0.8	0.001	45850000
200	211.4	0.76	0.001	46162000
300	253.1	0.79	0.001	50632000
400	276.1	0.83	0.001	54074000
500	280.5	0.86	0.001	55465000
600	339.1	1.01	0.002	61586000
700	395.4	1.12	0.002	68140000
800	395.3	1.1	0.002	66674000
900	395.3	1.09	0.002	65787000
1000	395	1.11	0.002	65303000
1100	395.2	1.11	0.002	65129000
1200	395.2	1.09	0.002	64368000
1300	395.1	1.11	0.002	64134000
1400	395	1.12	0.002	63756000
1500	395.1	1.15	0.002	63632000
1600	395.1	1.17	0.002	63935000
1700	395.3	1.16	0.002	63752000
1800	395.3	1.17	0.002	63974000
1900	394.9	1.17	0.002	63850000
2000	395.2	1.19	0.002	64134000
2100	395.3	1.18	0.002	63651000
2200	395.1	1.27	0.002	63478000
2300	393.7	1.76	0.002	63624000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/18/2011				
0	348.7	1.59	0.002	58973000
100	353.3	1.52	0.002	59137000
200	374.9	1.59	0.002	61341000
300	374.9	1.52	0.002	61373000
400	383.4	1.57	0.002	62372000
500	395.2	1.64	0.002	63841000
600	395.1	1.66	0.002	64145000
700	392.1	1.78	0.002	64117000
800	393.1	1.64	0.002	64041000
900	394.9	1.65	0.002	63855000
1000	395.3	1.66	0.002	63881000
1100	395.2	1.62	0.002	68096000
1200	395.2	1.59	0.002	66083000
1300	395.2	1.65	0.002	64338000
1400	395.1	1.63	0.002	63868000
1500	395.2	1.64	0.002	63522000
1600	395.1	1.66	0.002	63668000
1700	395.2	1.63	0.002	63814000
1800	395.2	1.63	0.002	63851000
1900	395.2	1.61	0.002	63914000
2000	395.2	1.61	0.002	63539000
2100	395.2	1.57	0.002	63728000
2200	395.1	1.63	0.002	64086000
2300	395.3	1.63	0.002	63712000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/19/2011				
0	395.2	1.65	0.002	64508000
100	395.2	1.66	0.002	64708000
200	395.1	1.65	0.002	65626000
300	394.9	1.69	0.002	65244000
400	395.2	1.72	0.002	65628000
500	395.2	1.75	0.002	65811000
600	395.3	1.74	0.002	66286000
700	395.1	1.7	0.002	65484000
800	395	1.69	0.002	65570000
900	395.2	1.74	0.002	65382000
1000	395.3	1.6	0.002	65297000
1100	395	1.58	0.002	64594000
1200	395.1	1.56	0.002	64607000
1300	395.1	1.55	0.002	63998000
1400	395.1	1.6	0.002	64078000
1500	395.2	1.61	0.002	64031000
1600	395.1	1.65	0.002	63539000
1700	395.2	1.76	0.003	63874000
1800	395.1	1.69	0.002	64471000
1900	395.4	1.69	0.002	64083000
2000	395.2	1.69	0.002	64088000
2100	395.1	1.69	0.002	64422000
2200	395.2	1.69	0.002	64542000
2300	395.1	1.64	0.002	64219000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/20/2011				
0	395	1.65	0.002	64063000
100	395.1	1.68	0.002	63847000
200	395.4	1.67	0.002	63572000
300	394.9	1.66	0.002	63627000
400	395.2	1.68	0.002	63989000
500	395	1.67	0.002	63664000
600	395.2	1.68	0.002	64400000
700	395.3	1.62	0.002	63792000
800	395.1	1.6	0.002	63613000
900	395.2	1.61	0.002	63532000
1000	395.1	1.61	0.002	63057000
1100	395.1	1.64	0.002	62983000
1200	395.2	1.67	0.002	63193000
1300	395.2	1.71	0.002	63618000
1400	395.2	1.77	0.003	63398000
1500	395.1	1.81	0.003	64202000
1600	395.1	1.65	0.002	63629000
1700	395.2	1.62	0.002	63603000
1800	395	1.72	0.002	63152000
1900	395.3	1.73	0.002	64068000
2000	395	1.69	0.002	63972000
2100	395.2	1.65	0.002	63848000
2200	395.3	1.7	0.002	63941000
2300	395	1.59	0.002	63876000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/21/2011				
0	395.2	1.52	0.002	63322000
100	395.1	1.52	0.002	62941000
200	395.3	1.57	0.002	62823000
300	395.2	1.6	0.002	62925000
400	395	1.57	0.002	62670000
500	395.2	1.59	0.002	63199000
600	395.3	1.62	0.002	63284000
700	395.1	1.67	0.002	64195000
800	395.1	1.61	0.002	64328000
900	395.1	1.63	0.002	64011000
1000	395.3	1.61	0.002	64712000
1100	395.3	1.67	0.002	65100000
1200	395	1.7	0.002	64862000
1300	395.1	1.71	0.003	64450000
1400	395.3	1.69	0.002	64557000
1500	395	1.7	0.002	64496000
1600	395.1	1.75	0.003	64837000
1700	395	1.76	0.003	63944000
1800	395.1	1.8	0.003	64216000
1900	395.2	1.74	0.003	63805000
2000	395	1.7	0.002	63907000
2100	395.2	1.75	0.003	64663000
2200	365.4	1.53	0.002	61304000
2300	206.5	1.2	0.002	42866000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/22/2011				
0	151.9	0.94	0.002	35581000
100	152.2	0.91	0.002	36120000
200	152.9	0.87	0.002	36225000
300	152.7	0.85	0.001	36265000
400	152.8	0.86	0.002	37533000
500	152.8	0.85	0.002	38348000
600	174.6	0.86	0.001	40789000
700	230	1.03	0.002	49780000
800	253	1.09	0.002	52473000
900	256.4	1.12	0.002	52564000
1000	320.4	1.32	0.002	58804000
1100	394.7	1.67	0.002	65105000
1200	395.1	1.54	0.002	64779000
1300	395.2	1.49	0.002	64177000
1400	394.9	1.49	0.002	63819000
1500	395.2	1.52	0.002	63659000
1600	395.4	1.55	0.002	63915000
1700	395.1	1.55	0.002	63525000
1800	395.2	1.61	0.002	63461000
1900	395.1	1.68	0.002	63707000
2000	395.3	1.69	0.002	64172000
2100	395.2	1.71	0.002	64586000
2200	395	1.72	0.002	64753000
2300	395.3	1.73	0.003	65165000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/23/2011				
0	395.2	1.68	0.002	65087000
100	343.9	1.43	0.002	59633000
200	324.9	1.34	0.002	56733000
300	329	1.32	0.002	57605000
400	347	1.42	0.002	59094000
500	395.8	1.61	0.002	62628000
600	395.1	1.53	0.002	64478000
700	395.1	1.56	0.002	64224000
800	395.1	1.58	0.002	64142000
900	395.2	1.55	0.002	64111000
1000	395.1	1.59	0.002	63804000
1100	395.1	1.64	0.002	63874000
1200	395.1	1.7	0.002	63884000
1300	395.1	1.66	0.002	63262000
1400	395.3	1.7	0.002	63451000
1500	395.2	1.72	0.002	63745000
1600	395.2	1.69	0.002	63895000
1700	395	1.73	0.002	63868000
1800	395.1	1.7	0.002	63900000
1900	395	1.72	0.002	63429000
2000	395.3	1.71	0.002	63531000
2100	395.1	1.68	0.002	63729000
2200	395.2	1.7	0.002	63208000
2300	395.2	1.66	0.002	63487000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/24/2011				
0	395.1	1.59	0.002	63338000
100	394	1.52	0.002	63284000
200	369.9	1.39	0.002	60847000
300	369.6	1.41	0.002	61081000
400	369.8	1.42	0.002	61618000
500	390.1	1.58	0.002	63300000
600	395.1	1.6	0.002	63891000
700	395.1	1.56	0.002	63068000
800	395.2	1.59	0.002	63062000
900	394.8	1.64	0.002	62167000
1000	395.2	1.66	0.002	62620000
1100	395.2	1.7	0.002	62469000
1200	395.2	1.82	0.003	63279000
1300	406.2	1.94	0.003	64535000
1400	410.4	2.04	0.003	65436000
1500	410.5	2.1	0.003	65740000
1600	410.5	2.03	0.003	65643000
1700	401.1	1.93	0.003	64255000
1800	395.4	1.86	0.003	63841000
1900	395.1	1.81	0.003	64209000
2000	395.2	1.82	0.003	64100000
2100	376.1	1.69	0.002	62238000
2200	318	1.39	0.002	55252000
2300	318.5	1.32	0.002	55526000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/25/2011				
0	318.8	1.3	0.002	55157000
100	318.6	1.29	0.002	54319000
200	318.7	1.3	0.002	53977000
300	318.4	1.29	0.002	54176000
400	377.6	1.8	0.003	61823000
500	395.1	1.59	0.002	65144000
600	395	1.54	0.002	64524000
700	395.2	1.56	0.002	63959000
800	395.1	1.59	0.002	64006000
900	395.1	1.58	0.002	63904000
1000	395.1	1.65	0.002	63198000
1100	395.3	1.7	0.002	63425000
1200	395.2	1.7	0.002	63069000
1300	397.3	1.71	0.002	63001000
1400	405.5	1.76	0.003	64264000
1500	405.2	1.81	0.003	64729000
1600	405.6	1.81	0.003	65306000
1700	405.5	1.79	0.003	65253000
1800	405.4	1.78	0.003	65307000
1900	405.4	1.8	0.003	64671000
2000	405.2	1.77	0.003	64596000
2100	405.6	1.83	0.003	65010000
2200	405.5	1.81	0.003	64722000
2300	405.3	1.8	0.003	65420000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/26/2011				
0	405.4	1.81	0.003	65394000
100	405.4	1.79	0.003	65525000
200	405.3	1.88	0.003	65739000
300	405.4	1.85	0.003	66007000
400	405.6	1.84	0.003	65941000
500	405.1	1.8	0.003	66131000
600	405.5	1.8	0.003	65898000
700	405.4	1.79	0.003	65801000
800	405.4	1.83	0.003	66051000
900	405.4	1.8	0.003	65546000
1000	405.3	1.82	0.003	64647000
1100	405.5	1.85	0.003	64607000
1200	405.4	1.86	0.003	63907000
1300	405.4	1.89	0.003	64272000
1400	405.3	1.89	0.003	63870000
1500	405.7	1.93	0.003	63880000
1600	405.4	1.94	0.003	63517000
1700	405.6	2.03	0.003	64492000
1800	405.4	1.99	0.003	64167000
1900	405.4	2.02	0.003	64211000
2000	405.5	1.97	0.003	63949000
2100	405.5	1.93	0.003	63881000
2200	405.2	1.92	0.003	63977000
2300	405.5	1.93	0.003	63715000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/27/2011				
0	405.5	1.95	0.003	64521000
100	405.4	1.88	0.003	64090000
200	405.2	1.9	0.003	64396000
300	405.4	1.93	0.003	64859000
400	405.4	1.93	0.003	64928000
500	405.3	1.88	0.003	64411000
600	405.5	1.88	0.003	64920000
700	405.5	1.87	0.003	64635000
800	405.3	1.86	0.003	64758000
900	405.4	1.87	0.003	65133000
1000	405.6	1.84	0.003	64748000
1100	405.4	1.84	0.003	64582000
1200	405.5	1.9	0.003	64880000
1300	405.2	1.91	0.003	65236000
1400	405.5	1.92	0.003	65524000
1500	405.5	1.91	0.003	65164000
1600	405.4	1.89	0.003	65192000
1700	405.5	1.87	0.003	64601000
1800	405.4	1.88	0.003	64591000
1900	405.2	1.85	0.003	64164000
2000	405.5	1.9	0.003	64186000
2100	404.2	1.91	0.003	64337000
2200	327.8	1.62	0.002	56646000
2300	213.6	1.22	0.002	42865000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/28/2011				
0	169.1	1.09	0.002	37304000
100	170.5	1.03	0.002	38396000
200	170.7	1.02	0.002	37967000
300	170.8	1.02	0.002	37975000
400	170.8	1	0.002	38180000
500	170.7	0.99	0.002	38265000
600	170.8	0.98	0.002	38272000
700	170.7	0.99	0.002	38883000
800	170.8	1.02	0.002	39027000
900	170.9	1.02	0.002	38764000
1000	170.7	1.03	0.002	38653000
1100	170.7	1.04	0.002	39130000
1200	203.6	1.09	0.002	43457000
1300	286.5	1.37	0.002	54760000
1400	383	1.79	0.003	63126000
1500	390.6	1.71	0.002	64506000
1600	394.8	1.62	0.002	63591000
1700	395.5	1.62	0.002	64129000
1800	395.3	1.61	0.002	64257000
1900	395	1.58	0.002	63878000
2000	395.4	1.59	0.002	64462000
2100	395.2	1.55	0.002	64137000
2200	395.1	1.5	0.002	64163000
2300	395.3	1.5	0.002	64318000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/29/2011				
0	395.1	1.47	0.002	64560000
100	395.1	1.45	0.002	64657000
200	395.1	1.44	0.002	64525000
300	395.1	1.44	0.002	64450000
400	395.3	1.42	0.002	64654000
500	395.1	1.41	0.002	64311000
600	395.1	1.41	0.002	64970000
700	395.1	1.38	0.002	64149000
800	395.3	1.42	0.002	63950000
900	395.2	1.42	0.002	63713000
1000	395.1	1.44	0.002	63595000
1100	394.9	1.49	0.002	63595000
1200	395.4	1.54	0.002	63580000
1300	395.2	1.54	0.002	62460000
1400	395.2	1.55	0.002	62760000
1500	395.1	1.54	0.002	62331000
1600	395.2	1.54	0.002	62643000
1700	394.9	1.6	0.002	63355000
1800	395.2	1.57	0.002	63226000
1900	395.2	1.55	0.002	63161000
2000	395.3	1.58	0.002	63611000
2100	395.2	1.56	0.002	63481000
2200	395	1.58	0.002	63529000
2300	396.8	1.59	0.002	63948000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/30/2011				
0	401.5	1.6	0.002	63632000
100	390.1	1.55	0.002	63966000
200	349.5	1.39	0.002	60831000
300	193.1	1.11	0.002	41843000
400	112.6	0.94	0.002	31032000
500	76.1	0.82	0.003	29102000
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/31/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/01/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/02/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	0	2.52	0.008	53903000
2200	0	7.73	0.026	54122000
2300	0	0.99	0.003	49536000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/03/2011				
0	0	1.17	0.004	53685000
100	0	0.99	0.003	54558000
200	0	1.07	0.004	54960000
300	0	0.56	0.002	54164000
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/04/2011				
0	3	0.63	0.002	33335000
100	6	0.65	0.002	32961000
200	96.8	1.59	0.004	33911000
300	177.9	0.39	0.001	41340000
400	260.8	0.59	0.001	53058000
500	262.4	0.57	0.001	52197000
600	264.8	0.57	0.001	51477000
700	324.4	1.75	0.003	58752000
800	334.5	2.25	0.004	59608000
900	328.7	2.26	0.004	59455000
1000	328.8	2.46	0.004	58822000
1100	336.3	2.33	0.004	58055000
1200	381.8	3.26	0.005	63536000
1300	398.5	0.75	0.001	65154000
1400	405.3	0.81	0.001	65619000
1500	405.3	0.87	0.001	65858000
1600	405.2	0.91	0.001	65703000
1700	405.4	0.94	0.001	65228000
1800	405.5	0.99	0.001	64804000
1900	405.4	1.03	0.001	64960000
2000	405.4	1.09	0.002	64975000
2100	405.4	1.06	0.002	65056000
2200	405.3	1.1	0.002	65041000
2300	405.6	1.13	0.002	65170000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/05/2011				
0	405.4	1.13	0.002	64994000
100	405.4	1.14	0.002	65395000
200	365.4	1.07	0.002	61893000
300	354.3	1.07	0.002	60427000
400	347.3	1.06	0.002	60145000
500	344.1	1.04	0.002	60036000
600	344.3	1.04	0.002	60707000
700	345.6	1.04	0.002	61199000
800	398.2	1.21	0.002	65894000
900	405.4	1.22	0.002	66350000
1000	405.4	1.24	0.002	65968000
1100	405.3	1.26	0.002	66251000
1200	405.5	1.27	0.002	65543000
1300	405.4	1.29	0.002	65687000
1400	405.4	1.29	0.002	65568000
1500	405.5	1.33	0.002	65708000
1600	405.2	1.33	0.002	65292000
1700	405.4	1.34	0.002	65205000
1800	405.4	1.39	0.002	65402000
1900	405.3	1.38	0.002	65026000
2000	405.5	1.41	0.002	65169000
2100	405.3	1.44	0.002	64926000
2200	405.4	1.5	0.002	65346000
2300	405.4	1.53	0.002	64921000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/06/2011				
0	387.7	1.42	0.002	63028000
100	358.1	1.29	0.002	60192000
200	355.4	1.28	0.002	60409000
300	343.9	1.2	0.002	58924000
400	354.3	1.2	0.002	60423000
500	389.4	1.29	0.002	63271000
600	395.4	1.35	0.002	64295000
700	404.3	1.36	0.002	64521000
800	405.3	1.38	0.002	64547000
900	405.6	1.37	0.002	65261000
1000	405.4	1.35	0.002	65427000
1100	405.4	1.34	0.002	65066000
1200	405.4	1.34	0.002	65149000
1300	405.3	1.35	0.002	64804000
1400	405.5	1.39	0.002	65253000
1500	405.4	1.37	0.002	65034000
1600	405.5	1.36	0.002	65173000
1700	405.4	1.36	0.002	65070000
1800	405.4	1.4	0.002	66132000
1900	405.3	1.41	0.002	66849000
2000	405.4	1.42	0.002	66794000
2100	405.2	1.41	0.002	66365000
2200	405.4	1.45	0.002	66200000
2300	405.4	1.46	0.002	66198000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/07/2011				
0	405.3	1.48	0.002	65961000
100	405.4	1.45	0.002	66295000
200	405.6	1.46	0.002	66221000
300	405.6	1.41	0.002	66696000
400	405.4	1.4	0.002	66420000
500	405.3	1.4	0.002	65436000
600	405.2	1.41	0.002	65518000
700	405.2	1.44	0.002	66504000
800	405.8	1.45	0.002	66224000
900	405.4	1.42	0.002	66050000
1000	405.3	1.43	0.002	66041000
1100	405.2	1.47	0.002	66271000
1200	405.5	1.53	0.002	66058000
1300	405.2	1.52	0.002	65732000
1400	405.6	1.6	0.002	65720000
1500	405.5	1.59	0.002	65980000
1600	402.9	1.53	0.002	66330000
1700	400.3	1.52	0.002	65691000
1800	404.2	1.53	0.002	65724000
1900	405.6	1.51	0.002	66104000
2000	371.7	1.41	0.002	62369000
2100	116.6	1.01	0.003	35439000
2200	44.7	1.52	0.005	33473000
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/08/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/09/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/10/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/11/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/12/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/13/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/14/2011				
0	0	0.33	0.001	30273000
100	0	0.27	0.001	30666000
200	0	0.58	0.002	30927000
300	0	0.62	0.002	31584000
400	0	0.45	0.002	31439000
500	0	0.39	0.001	31750000
600	0	0.38	0.001	31953000
700	0	0.76	0.003	31500000
800	0	0.44	0.001	31379000
900	0	0.48	0.002	30375000
1000	0	0.46	0.002	29999000
1100	0	0.39	0.001	30314000
1200	4.8	0.65	0.002	30396000
1300	58.2	0.73	0.002	31309000
1400	134.9	0.32	0.001	35321000
1500	173.8	0.3	0.001	40452000
1600	274.2	0.49	0.001	54081000
1700	358.3	0.63	0.001	62415000
1800	366.2	0.61	0.001	61988000
1900	366.1	0.64	0.001	60593000
2000	382.9	0.76	0.001	63036000
2100	404.9	0.85	0.001	66556000
2200	405.3	0.88	0.001	67782000
2300	405.4	0.94	0.001	66872000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/15/2011				
0	405.7	1.01	0.001	66656000
100	405.6	1.02	0.001	66029000
200	405.5	1.07	0.002	65683000
300	405.3	1.09	0.002	65582000
400	398.5	1.09	0.002	65007000
500	391.6	1.11	0.002	63420000
600	395.2	1.12	0.002	63980000
700	395.3	1.15	0.002	64160000
800	395.1	1.15	0.002	63958000
900	395.2	1.19	0.002	64326000
1000	395.3	1.22	0.002	64614000
1100	395.2	1.21	0.002	64049000
1200	395.1	1.21	0.002	64687000
1300	394.3	1.21	0.002	65009000
1400	395	1.23	0.002	65051000
1500	389	1.22	0.002	64337000
1600	366.2	1.17	0.002	62222000
1700	323.3	1.12	0.002	56533000
1800	334.1	1.15	0.002	56844000
1900	345.4	1.2	0.002	57915000
2000	366	1.22	0.002	59347000
2100	394.8	1.31	0.002	62631000
2200	395.4	1.24	0.002	63154000
2300	395.3	1.18	0.002	63081000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/16/2011				
0	395.2	1.18	0.002	63002000
100	387.3	1.18	0.002	62885000
200	369.6	1.21	0.002	60736000
300	369.8	1.14	0.002	60329000
400	369.7	1.17	0.002	60392000
500	376.2	1.17	0.002	60841000
600	395.4	1.22	0.002	62963000
700	395.7	1.22	0.002	63000000
800	404.2	1.25	0.002	64039000
900	405.4	1.26	0.002	64415000
1000	405.3	1.24	0.002	64322000
1100	405.5	1.28	0.002	64675000
1200	405.4	1.28	0.002	64144000
1300	405.5	1.37	0.002	64171000
1400	405.4	1.39	0.002	64063000
1500	405.4	1.38	0.002	63843000
1600	405.5	1.37	0.002	63822000
1700	405.5	1.35	0.002	64217000
1800	405.4	1.36	0.002	63501000
1900	405.5	1.35	0.002	63986000
2000	405.6	1.33	0.002	64334000
2100	405.2	1.33	0.002	63896000
2200	405.4	1.36	0.002	63864000
2300	405.7	1.41	0.002	63934000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/17/2011				
0	405.5	1.4	0.002	64137000
100	405.5	1.39	0.002	63580000
200	405.5	1.42	0.002	65035000
300	405.5	1.44	0.002	66917000
400	405.6	1.42	0.002	66729000
500	405.3	1.43	0.002	67128000
600	405.5	1.43	0.002	66757000
700	405.2	1.42	0.002	66561000
800	405.3	1.41	0.002	66996000
900	405.4	1.41	0.002	66426000
1000	405.3	1.42	0.002	65591000
1100	405.5	1.44	0.002	66063000
1200	405.4	1.44	0.002	66734000
1300	405.3	1.45	0.002	65860000
1400	405.4	1.42	0.002	66481000
1500	405.5	1.45	0.002	66050000
1600	405.6	1.45	0.002	66150000
1700	405.5	1.44	0.002	66075000
1800	405.3	1.49	0.002	66030000
1900	405.5	1.5	0.002	65985000
2000	405.7	1.47	0.002	65636000
2100	405.4	1.44	0.002	65708000
2200	405.5	1.44	0.002	66182000
2300	405.2	1.44	0.002	66593000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/18/2011				
0	405.6	1.45	0.002	66389000
100	405.1	1.45	0.002	65583000
200	405.6	1.49	0.002	66331000
300	405.5	1.47	0.002	66481000
400	405.5	1.48	0.002	66428000
500	405.4	1.45	0.002	66169000
600	405.4	1.47	0.002	66137000
700	405.3	1.45	0.002	67003000
800	405.4	1.47	0.002	67677000
900	405.4	1.46	0.002	67449000
1000	405.4	1.43	0.002	67354000
1100	405.3	1.42	0.002	67088000
1200	405.4	1.41	0.002	66667000
1300	405.4	1.43	0.002	67020000
1400	405.2	1.46	0.002	66911000
1500	405.5	1.48	0.002	67507000
1600	405.4	1.46	0.002	67457000
1700	405.2	1.48	0.002	67803000
1800	405.3	1.51	0.002	68015000
1900	405.4	1.55	0.002	68207000
2000	405.5	1.56	0.002	68500000
2100	382	1.47	0.002	66457000
2200	254.5	1.34	0.002	52040000
2300	197.8	1.31	0.002	45083000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/19/2011				
0	193.6	1.28	0.002	45557000
100	191.2	1.27	0.002	44399000
200	191.2	1.26	0.002	44754000
300	193.3	1.21	0.002	45443000
400	215.3	1.16	0.002	48002000
500	227.8	1.11	0.002	50210000
600	228.9	1.09	0.002	51679000
700	228.8	1.1	0.002	51886000
800	229	1.09	0.002	51759000
900	228.9	1.07	0.002	51730000
1000	228.7	1.06	0.002	52222000
1100	229	1.05	0.002	52607000
1200	228.9	1.02	0.002	52798000
1300	229.3	1.01	0.002	51644000
1400	228.6	0.97	0.002	52511000
1500	228.8	0.95	0.002	52474000
1600	229	0.94	0.002	52508000
1700	229	0.96	0.002	52592000
1800	228.9	0.94	0.002	52021000
1900	228.9	0.96	0.002	51885000
2000	228.8	0.93	0.002	52145000
2100	228.1	0.91	0.002	51811000
2200	234	0.89	0.001	51426000
2300	282.8	0.88	0.001	57496000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/20/2011				
0	377.4	1.06	0.002	65507000
100	405.6	1.25	0.002	67885000
200	405.2	1.28	0.002	67942000
300	405.6	1.29	0.002	68402000
400	405.5	1.27	0.002	68639000
500	405.3	1.26	0.002	68841000
600	405.2	1.22	0.002	66543000
700	405.4	1.25	0.002	67305000
800	405.5	1.21	0.002	67477000
900	405.2	1.17	0.002	67308000
1000	405.3	1.2	0.002	67667000
1100	405.3	1.24	0.002	67216000
1200	405.4	1.3	0.002	67291000
1300	405.2	1.28	0.002	67167000
1400	405.5	1.28	0.002	67146000
1500	405.4	1.2	0.002	67125000
1600	405.3	1.2	0.002	66987000
1700	405.3	1.18	0.002	66846000
1800	405.4	1.17	0.002	67404000
1900	405.4	1.19	0.002	67606000
2000	405.3	1.15	0.002	67089000
2100	404.9	1.17	0.002	67561000
2200	405.5	1.15	0.002	67902000
2300	405.4	1.15	0.002	67515000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/21/2011				
0	405.1	1.17	0.002	67124000
100	405.2	1.16	0.002	67088000
200	405.4	1.17	0.002	66969000
300	405.3	1.18	0.002	67384000
400	405.5	1.14	0.002	66377000
500	403.8	1.14	0.002	66139000
600	386.5	1.14	0.002	64558000
700	405.3	1.17	0.002	66644000
800	405.3	1.16	0.002	66973000
900	405.4	1.15	0.002	67253000
1000	405.3	1.17	0.002	66992000
1100	405.3	1.19	0.002	66901000
1200	405.4	1.2	0.002	66473000
1300	405.4	1.17	0.002	66164000
1400	405.4	1.19	0.002	66608000
1500	405.5	1.17	0.002	66966000
1600	405.1	1.19	0.002	66956000
1700	405.4	1.18	0.002	66478000
1800	405.6	1.18	0.002	66410000
1900	405.2	1.2	0.002	66029000
2000	405.5	1.2	0.002	66526000
2100	405.3	1.13	0.002	66425000
2200	405.4	1.16	0.002	66975000
2300	405.5	1.21	0.002	67267000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/22/2011				
0	405.5	1.15	0.002	66954000
100	405.3	1.17	0.002	66351000
200	405.6	1.15	0.002	65999000
300	405.4	1.12	0.002	66074000
400	405.3	1.15	0.002	66338000
500	405.4	1.15	0.002	65919000
600	405.5	1.13	0.002	66243000
700	405.3	1.28	0.002	65651000
800	405.1	1.38	0.002	65550000
900	405.2	1.11	0.002	66582000
1000	405.5	1.16	0.002	66424000
1100	405.4	1.14	0.002	66561000
1200	405.2	1.14	0.002	67287000
1300	405.5	1.11	0.002	66839000
1400	405.5	1.11	0.002	67155000
1500	405.3	1.11	0.002	66727000
1600	405.1	1.1	0.002	67185000
1700	405.4	1.11	0.002	67058000
1800	405.4	1.13	0.002	66683000
1900	405.5	1.13	0.002	66405000
2000	405.6	1.11	0.002	65949000
2100	405.4	1.1	0.002	65821000
2200	405.3	1.11	0.002	65623000
2300	405.6	1.1	0.002	65689000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/23/2011				
0	405.3	1.09	0.002	65520000
100	405.2	1.09	0.002	65251000
200	405.1	1.11	0.002	65798000
300	405.6	1.11	0.002	66189000
400	405.5	1.09	0.002	66429000
500	405.2	1.07	0.002	66185000
600	405.5	1.09	0.002	65447000
700	405.4	1.07	0.002	65268000
800	405.5	1.08	0.002	65924000
900	405.4	1.08	0.002	65452000
1000	405.4	1.1	0.002	65966000
1100	405.4	1.07	0.002	66057000
1200	405.3	1.07	0.002	66168000
1300	405.5	1.11	0.002	66653000
1400	405.3	1.1	0.002	66327000
1500	404.9	1.12	0.002	66816000
1600	405.4	1.11	0.002	67101000
1700	405.6	1.08	0.002	66665000
1800	405.5	1.07	0.002	66237000
1900	405.5	1.1	0.002	66563000
2000	405.3	1.08	0.002	66739000
2100	405.3	1.07	0.002	66399000
2200	405.4	1.08	0.002	66519000
2300	405.5	1.07	0.002	66709000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/24/2011				
0	405.3	1.04	0.001	66148000
100	405.5	1.05	0.001	66822000
200	405.5	1.07	0.002	66748000
300	405.1	1.06	0.002	66467000
400	405.5	1.07	0.002	66783000
500	405.4	1.06	0.002	66268000
600	405.4	1.04	0.001	66504000
700	405.5	1.01	0.001	66215000
800	405.1	1	0.001	66268000
900	405.3	1.01	0.001	66334000
1000	405.5	1	0.001	66831000
1100	405.4	0.97	0.001	67117000
1200	405.4	0.99	0.001	66399000
1300	405.2	1.06	0.002	66686000
1400	405.6	1.1	0.002	67419000
1500	405.5	1.1	0.002	67334000
1600	405.3	1.12	0.002	67403000
1700	405.5	1.34	0.002	67381000
1800	405.3	1.6	0.002	67501000
1900	405.5	1.3	0.002	66967000
2000	405.5	1.28	0.002	66789000
2100	386.1	1.13	0.002	64836000
2200	260.6	1.04	0.002	52269000
2300	190.8	0.91	0.002	42203000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/25/2011				
0	168.2	0.91	0.002	41374000
100	166.3	0.83	0.001	40863000
200	171.2	0.79	0.001	41128000
300	176.5	0.79	0.001	41907000
400	181.1	0.85	0.001	42578000
500	180.8	0.88	0.001	41706000
600	181	0.83	0.001	42543000
700	196	0.83	0.001	43390000
800	290.4	1.02	0.002	55243000
900	368	1.05	0.001	62413000
1000	395.1	1.13	0.002	65737000
1100	395.4	1.13	0.002	65843000
1200	394.9	1.11	0.002	66219000
1300	395.2	1.07	0.002	66249000
1400	395.2	1.08	0.002	66868000
1500	395.2	1.09	0.002	66716000
1600	395	1.11	0.002	67065000
1700	395.3	1.11	0.002	67462000
1800	395.2	1.1	0.002	66508000
1900	395.1	1.11	0.002	66816000
2000	395.2	1.14	0.002	66316000
2100	365.4	1.07	0.002	63969000
2200	232.3	0.93	0.002	48915000
2300	201	0.9	0.001	45358000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/26/2011				
0	201.4	0.88	0.001	45624000
100	201.4	0.89	0.001	44943000
200	201.3	0.88	0.001	44624000
300	201.4	0.94	0.002	44580000
400	201.5	0.89	0.001	44780000
500	201.4	0.86	0.001	44513000
600	226	0.88	0.001	45814000
700	248.7	0.93	0.001	49601000
800	342.9	1.09	0.002	57994000
900	395.3	1.12	0.002	61043000
1000	395	1.07	0.002	57056000
1100	395.3	1.1	0.002	61519000
1200	402	1.12	0.002	60799000
1300	405.2	1.03	0.001	56430000
1400	405.4	1.03	0.001	61209000
1500	405.5	1.04	0.001	65772000
1600	405.3	1.03	0.001	66721000
1700	405.5	1.04	0.001	65514000
1800	405.2	1.05	0.001	65430000
1900	405.5	1.11	0.002	66353000
2000	405.5	1.29	0.002	65852000
2100	405.3	1.11	0.002	66733000
2200	405.2	1.1	0.002	65700000
2300	380.7	1	0.001	60486000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/27/2011				
0	379.6	1.01	0.001	61880000
100	379.7	1.02	0.001	61950000
200	354.8	0.97	0.001	60567000
300	349.2	0.97	0.001	59995000
400	349.3	0.96	0.001	58573000
500	372.5	1	0.001	59799000
600	396.7	1.06	0.001	64143000
700	405.5	1.09	0.002	66712000
800	405.2	1.11	0.002	67065000
900	405.5	1.12	0.002	67033000
1000	405.3	1.13	0.002	67096000
1100	405.3	1.15	0.002	67494000
1200	405.4	1.4	0.002	65914000
1300	405.4	1.15	0.002	63976000
1400	405.5	1.2	0.002	66818000
1500	405.3	1.17	0.002	66035000
1600	405.2	1.2	0.002	66742000
1700	405.4	1.25	0.002	66594000
1800	405.4	1.21	0.002	66153000
1900	405.2	1.18	0.002	64207000
2000	405.3	1.18	0.002	58088000
2100	405.3	1.16	0.002	59470000
2200	405	1.16	0.002	61129000
2300	405.4	1.16	0.002	59620000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/28/2011				
0	405.4	1.17	0.002	64539000
100	405.3	1.17	0.002	64738000
200	405.4	1.17	0.002	65545000
300	405	1.16	0.002	64100000
400	405.4	1.18	0.002	63827000
500	405.5	1.19	0.002	65896000
600	405.2	1.21	0.002	65977000
700	405.4	1.21	0.002	60078000
800	405.2	1.21	0.002	64707000
900	405.3	1.19	0.002	64329000
1000	405.4	1.19	0.002	57661000
1100	405.3	1.19	0.002	56317000
1200	405.4	1.19	0.002	60529000
1300	405.3	1.19	0.002	58580000
1400	405.3	1.2	0.002	61457000
1500	405.4	1.19	0.002	65974000
1600	405.3	1.17	0.002	65695000
1700	404.1	1.17	0.002	65918000
1800	395	1.13	0.002	64393000
1900	395	1.11	0.002	63870000
2000	395.1	1.09	0.002	64095000
2100	395.1	1.08	0.002	63526000
2200	395.3	1.09	0.002	63687000
2300	395	1.08	0.002	64090000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/29/2011				
0	395.1	1.08	0.002	63419000
100	395	1.09	0.002	63972000
200	395	1.1	0.002	63296000
300	395.2	1.12	0.002	63715000
400	396	1.11	0.002	63811000
500	405.4	1.14	0.002	64991000
600	405.4	1.12	0.002	64777000
700	405.4	1.13	0.002	65066000
800	405.3	1.12	0.002	65080000
900	403.4	1.11	0.002	64255000
1000	399.3	1.09	0.002	64528000
1100	402.2	1.12	0.002	64073000
1200	403.7	1.15	0.002	65073000
1300	404.1	1.19	0.002	65525000
1400	402.6	1.18	0.002	65018000
1500	402.9	1.16	0.002	65221000
1600	404.3	1.19	0.002	65467000
1700	405.4	1.28	0.002	65994000
1800	405.4	1.27	0.002	66685000
1900	405.2	1.24	0.002	66137000
2000	405.3	1.25	0.002	65787000
2100	405.2	1.23	0.002	65342000
2200	405.4	1.23	0.002	66171000
2300	405.3	1.25	0.002	66174000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/30/2011				
0	405.2	1.24	0.002	66217000
100	405.4	1.25	0.002	65590000
200	405.4	1.24	0.002	65602000
300	405.2	1.25	0.002	65559000
400	405.3	1.24	0.002	65606000
500	404.8	1.25	0.002	65761000
600	404.7	1.27	0.002	65676000
700	404.9	1.29	0.002	65955000
800	404	1.29	0.002	65900000
900	404.8	1.28	0.002	66324000
1000	401	1.26	0.002	65766000
1100	404.1	1.26	0.002	66018000
1200	402.6	1.24	0.002	65553000
1300	403.1	1.26	0.002	66155000
1400	403.7	1.29	0.002	65858000
1500	403.3	1.27	0.002	66061000
1600	404.1	1.25	0.002	66343000
1700	404.6	1.39	0.002	66306000
1800	400.5	1.58	0.002	64848000
1900	405.2	1.21	0.002	65748000
2000	405.2	1.23	0.002	65900000
2100	405.4	1.23	0.002	66203000
2200	405.2	1.24	0.002	66623000
2300	405.2	1.24	0.002	66183000

TAMPA ELECTRIC COMPANY
BIG BEND STATION

Sick Mahaik PM CEM Daily Reports
Unit 4

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/01/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/02/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/03/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/04/2011				
0	OFFLINE			
100	OFFLINE			
200	0	2.57	0.009	41190000
300	0	2.7	0.009	41936000
400	0	7.22	0.024	42210000
500	0	7.92	0.027	42064000
600	0	5.89	0.02	41697000
700	0	0.98	0.003	41275000
800	0	0.68	0.002	40985000
900	0	0.63	0.002	40761000
1000	0	0.65	0.002	39447000
1100	0	0.68	0.002	39324000
1200	0	0.78	0.003	39270000
1300	0	0.79	0.003	39327000
1400	0	0.54	0.002	39866000
1500	0	0.52	0.002	40174000
1600	0	0.44	0.001	40084000
1700	0	0.4	0.001	40193000
1800	0	0.42	0.001	40485000
1900	1.9	0.4	0.001	40571000
2000	8.4	0.35	0.001	40703000
2100	9.5	0.34	0.001	40244000
2200	24.6	0.48	0.002	41684000
2300	86.9	0.6	0.002	43245000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/05/2011				
0	153.4	0.61	0.002	45430000
100	250.2	1.28	0.002	52307000
200	276.9	0.96	0.002	54358000
300	308.2	1.1	0.002	59415000
400	347	0.92	0.002	65686000
500	364.7	0.64	0.001	67089000
600	367.8	0.63	0.001	67324000
700	367.9	0.55	0.001	67787000
800	367.9	0.44	0.001	67305000
900	371.2	0.4	0.001	67757000
1000	443.5	0.77	0.001	78359000
1100	462	0.67	0.001	80518000
1200	461.6	0.81	0.001	80668000
1300	459.9	0.76	0.001	81328000
1400	462.3	0.76	0.001	81067000
1500	457.2	0.79	0.001	81973000
1600	423.2	0.71	0.001	77207000
1700	423.5	0.7	0.001	77551000
1800	423.4	0.7	0.001	77494000
1900	423.5	0.7	0.001	77646000
2000	423.6	0.69	0.001	77172000
2100	423.3	0.7	0.001	77100000
2200	379.2	0.67	0.001	69258000
2300	372.9	0.66	0.001	67779000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/06/2011				
0	354.1	0.65	0.001	64927000
100	302	0.64	0.001	55557000
200	302.2	0.59	0.001	55739000
300	274.1	0.59	0.001	51670000
400	295.7	0.66	0.001	55363000
500	374.8	0.6	0.001	68122000
600	398.2	0.57	0.001	71222000
700	393.9	0.65	0.001	70237000
800	398.2	0.64	0.001	71882000
900	415.3	0.66	0.001	74308000
1000	458.1	0.76	0.001	82769000
1100	413.5	0.74	0.001	75185000
1200	408.3	0.73	0.001	74241000
1300	410.2	0.74	0.001	74330000
1400	461.5	0.85	0.001	83681000
1500	464.2	0.88	0.001	84282000
1600	463.5	0.89	0.001	83459000
1700	464.3	0.9	0.002	83297000
1800	464.1	0.93	0.002	83221000
1900	463.8	0.92	0.002	83377000
2000	464	0.93	0.002	83235000
2100	436.9	0.92	0.002	78843000
2200	352.7	0.81	0.001	64860000
2300	342.9	1.08	0.002	63579000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/07/2011				
0	301.8	0.96	0.002	56922000
100	302.3	0.91	0.002	57259000
200	302.2	0.82	0.001	57469000
300	302.1	0.78	0.001	57524000
400	347.1	0.67	0.001	64986000
500	372.9	0.69	0.001	69253000
600	372.9	0.66	0.001	68806000
700	373	0.69	0.001	68769000
800	372.9	0.68	0.001	68876000
900	373	0.69	0.001	68400000
1000	372.9	0.7	0.001	68549000
1100	372.9	0.69	0.001	68893000
1200	373	0.7	0.001	69144000
1300	372.8	0.72	0.001	69323000
1400	372.9	0.71	0.001	69247000
1500	372.9	0.71	0.001	69370000
1600	375.1	0.72	0.001	69571000
1700	393	0.72	0.001	71991000
1800	393.1	0.73	0.001	72009000
1900	393.1	0.73	0.001	71887000
2000	393.2	0.75	0.001	72128000
2100	393	0.76	0.001	72355000
2200	393.2	0.76	0.001	71838000
2300	375.5	0.76	0.001	69511000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/08/2011				
0	345.7	0.75	0.001	64908000
100	302.1	0.76	0.001	57547000
200	302.2	0.74	0.001	57844000
300	302	0.71	0.001	57896000
400	302.2	0.68	0.001	57942000
500	359.9	0.65	0.001	66875000
600	393.1	0.65	0.001	72244000
700	393.2	0.67	0.001	71921000
800	393.2	0.68	0.001	71713000
900	393.2	0.69	0.001	71685000
1000	392.9	0.7	0.001	71509000
1100	393.1	0.72	0.001	71777000
1200	393.2	0.71	0.001	71538000
1300	393.2	0.71	0.001	71567000
1400	393.1	0.71	0.001	71873000
1500	392.9	0.72	0.001	72026000
1600	393.2	0.71	0.001	71814000
1700	393.2	0.7	0.001	72060000
1800	393.2	0.69	0.001	72302000
1900	393.1	0.69	0.001	72344000
2000	393.2	0.69	0.001	72686000
2100	392.9	0.69	0.001	72434000
2200	393.2	0.68	0.001	72460000
2300	393.2	0.68	0.001	72213000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/09/2011				
0	393.1	0.68	0.001	72444000
100	393.1	0.69	0.001	72200000
200	393.2	0.69	0.001	71866000
300	393	0.69	0.001	72176000
400	377.9	0.65	0.001	69544000
500	372.9	0.65	0.001	68446000
600	372.8	0.64	0.001	68483000
700	392	0.63	0.001	71236000
800	393.1	0.63	0.001	71036000
900	393.2	0.65	0.001	71080000
1000	393.1	0.67	0.001	71169000
1100	393.1	0.67	0.001	71375000
1200	393	0.67	0.001	71235000
1300	393.3	0.67	0.001	71022000
1400	393.1	0.67	0.001	71338000
1500	392.9	0.67	0.001	71581000
1600	393.2	0.67	0.001	72085000
1700	393	0.68	0.001	71824000
1800	393.2	0.66	0.001	71595000
1900	393.1	0.65	0.001	71580000
2000	393.2	0.64	0.001	71288000
2100	393.2	0.65	0.001	71660000
2200	393.2	0.64	0.001	71780000
2300	393.1	0.64	0.001	71634000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/10/2011				
0	393.1	0.64	0.001	71674000
100	299.1	0.66	0.001	58477000
200	210.5	0.73	0.001	45422000
300	300.6	0.62	0.001	57137000
400	304.3	0.58	0.001	57585000
500	304.3	0.57	0.001	57567000
600	304.3	0.57	0.001	56930000
700	374.1	0.56	0.001	68228000
800	462.6	0.64	0.001	83756000
900	463.8	0.72	0.001	83025000
1000	464.2	0.77	0.001	83030000
1100	464	0.8	0.001	83859000
1200	463.8	0.85	0.001	84457000
1300	463.3	0.87	0.001	84584000
1400	464.4	0.87	0.001	84315000
1500	464.1	0.9	0.002	84540000
1600	464.2	0.92	0.002	84979000
1700	463.4	0.93	0.002	85379000
1800	464.2	0.93	0.002	85514000
1900	464.7	0.95	0.002	84917000
2000	463.3	0.95	0.002	84806000
2100	464	0.96	0.002	85548000
2200	464.2	0.97	0.002	85375000
2300	447.5	0.97	0.002	83523000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/11/2011				
0	403.3	0.91	0.002	74785000
100	360.6	0.86	0.002	68183000
200	352.8	0.82	0.001	66827000
300	352.8	0.8	0.001	66576000
400	376.5	0.78	0.001	70127000
500	435.4	0.82	0.001	80181000
600	464	0.91	0.002	85660000
700	464.1	0.97	0.002	85631000
800	464	0.99	0.002	86242000
900	463.6	1.01	0.002	85645000
1000	464.1	1.09	0.002	85222000
1100	464.1	1.06	0.002	85712000
1200	464.2	1.08	0.002	85874000
1300	464	1.1	0.002	86150000
1400	464.2	1.1	0.002	86399000
1500	463.7	1.13	0.002	86430000
1600	463.5	1.15	0.002	86670000
1700	410.9	1.12	0.002	77284000
1800	378.1	1	0.002	71231000
1900	377.9	0.96	0.002	71733000
2000	368.9	0.95	0.002	70138000
2100	413.4	1	0.002	78083000
2200	430.9	1.05	0.002	81331000
2300	378.2	1.01	0.002	71224000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/12/2011				
0	377.9	0.98	0.002	71075000
100	378	0.97	0.002	71326000
200	378.1	0.94	0.002	70336000
300	378	0.9	0.002	70418000
400	378.1	0.9	0.002	70429000
500	378	0.92	0.002	70427000
600	378.1	0.91	0.002	69852000
700	378.2	0.9	0.002	69835000
800	269.9	0.92	0.002	52411000
900	299.7	0.89	0.002	57039000
1000	278.3	0.91	0.002	54458000
1100	381.3	0.87	0.001	69772000
1200	378.6	0.88	0.001	69230000
1300	429.7	0.95	0.002	78593000
1400	463.4	0.98	0.002	84545000
1500	463.5	1.02	0.002	83632000
1600	464.9	1.07	0.002	84311000
1700	464.8	1.11	0.002	84516000
1800	463.3	1.13	0.002	84029000
1900	464.7	1.18	0.002	84810000
2000	464.1	1.18	0.002	84164000
2100	428.9	1.17	0.002	78440000
2200	369.4	1.08	0.002	67561000
2300	372.9	1.02	0.002	67979000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/13/2011				
0	372.9	0.99	0.002	67728000
100	335.3	0.97	0.002	61554000
200	332.6	0.95	0.002	61610000
300	324.3	0.97	0.002	59863000
400	371.4	0.9	0.002	67175000
500	459.4	0.99	0.002	83573000
600	464.4	1.05	0.002	83523000
700	464	1.12	0.002	84343000
800	431.8	1.09	0.002	78570000
900	465.7	1.14	0.002	83723000
1000	467.6	1.18	0.002	83476000
1100	468.7	1.2	0.002	83498000
1200	469.2	1.23	0.002	83945000
1300	469.3	1.25	0.002	84068000
1400	468.9	1.34	0.002	84592000
1500	467.3	1.31	0.002	84697000
1600	467	1.27	0.002	84412000
1700	468.1	1.29	0.002	85075000
1800	467.2	1.28	0.002	84723000
1900	468	1.27	0.002	84654000
2000	469.3	1.28	0.002	84647000
2100	469.3	1.3	0.002	85302000
2200	467.5	1.28	0.002	85293000
2300	449.5	1.24	0.002	81538000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/14/2011				
0	397.7	1.13	0.002	72432000
100	339	1.08	0.002	62935000
200	312.3	1.05	0.002	57572000
300	312.4	1.04	0.002	57791000
400	355.3	1	0.002	65310000
500	460.5	1.03	0.002	85272000
600	466.7	1.06	0.002	85187000
700	468.5	1.13	0.002	85861000
800	470	1.16	0.002	85348000
900	469.8	1.21	0.002	85370000
1000	469.3	1.26	0.002	85281000
1100	469.4	1.3	0.002	84254000
1200	469	1.32	0.002	83998000
1300	469.1	1.31	0.002	84001000
1400	468.8	1.32	0.002	84349000
1500	468.2	1.31	0.002	84431000
1600	469.2	1.32	0.002	84436000
1700	469.2	1.34	0.002	84926000
1800	468.2	1.34	0.002	84300000
1900	469.6	1.34	0.002	85173000
2000	469	1.36	0.002	85386000
2100	465.4	1.35	0.002	84987000
2200	466.3	1.35	0.002	85317000
2300	466.3	1.31	0.002	83856000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/15/2011				
0	364.2	1.19	0.002	66635000
100	357.8	1.13	0.002	65556000
200	354.2	1.1	0.002	64912000
300	347.7	1.09	0.002	63481000
400	420.4	1.09	0.002	75698000
500	469.2	1.15	0.002	84964000
600	468.6	1.19	0.002	84721000
700	469.4	1.16	0.002	84852000
800	469.6	1.2	0.002	84874000
900	468.9	1.21	0.002	85044000
1000	468.9	1.24	0.002	85386000
1100	468.6	1.24	0.002	86048000
1200	468.7	1.21	0.002	85932000
1300	469.5	1.2	0.002	85630000
1400	468	1.18	0.002	85159000
1500	469.3	1.18	0.002	85933000
1600	468.8	1.16	0.002	85325000
1700	469.1	1.15	0.002	85203000
1800	469.9	1.15	0.002	85398000
1900	468.7	1.13	0.002	85252000
2000	469.4	1.09	0.002	85135000
2100	469.2	1.08	0.002	84918000
2200	469	1.08	0.002	84705000
2300	398.1	1.04	0.002	73687000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/16/2011				
0	243.8	1.08	0.002	48888000
100	201.5	1.04	0.002	45151000
200	0	0.94	0.003	35973000
300	2.4	0.77	0.003	39674000
400	55.9	0.78	0.003	43211000
500	110.1	0.74	0.002	40401000
600	110.9	0.73	0.002	38506000
700	118.4	0.71	0.002	38599000
800	235.9	0.72	0.001	49956000
900	377.7	0.79	0.001	71426000
1000	453.7	0.77	0.001	83502000
1100	457.9	0.8	0.001	84148000
1200	458.8	0.88	0.001	84262000
1300	459.4	0.88	0.001	84821000
1400	459.9	0.91	0.002	85141000
1500	460.7	0.94	0.002	85353000
1600	460.8	0.95	0.002	85310000
1700	459.9	0.96	0.002	85669000
1800	458.1	0.97	0.002	85704000
1900	462.4	0.98	0.002	86072000
2000	462.7	0.99	0.002	85963000
2100	464.3	1.02	0.002	86331000
2200	464.6	1.04	0.002	86614000
2300	464.4	1.07	0.002	86928000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/17/2011				
0	423.4	1.07	0.002	80079000
100	317.9	1.05	0.002	61418000
200	232.2	1.04	0.002	48608000
300	238.1	1.04	0.002	48277000
400	241.7	0.99	0.002	49411000
500	241.7	0.98	0.002	49665000
600	247.6	0.95	0.002	50757000
700	310.8	0.87	0.002	60036000
800	436.7	0.89	0.001	80753000
900	462.3	0.97	0.002	85068000
1000	463	1	0.002	85191000
1100	461.7	1.03	0.002	85308000
1200	459.7	1.04	0.002	85274000
1300	459.9	1.07	0.002	84510000
1400	458.2	1.07	0.002	84372000
1500	458.4	1.07	0.002	85263000
1600	459.6	1.08	0.002	84334000
1700	461.6	1.11	0.002	84623000
1800	462.6	1.13	0.002	85216000
1900	463.3	1.15	0.002	85569000
2000	463.8	1.17	0.002	86366000
2100	462.4	1.18	0.002	86317000
2200	461.9	1.17	0.002	85312000
2300	427.2	1.13	0.002	79796000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/18/2011				
0	281.2	1.12	0.002	54663000
100	251.8	1.1	0.002	50547000
200	251.9	1.05	0.002	51052000
300	251.8	0.99	0.002	50723000
400	317.4	0.92	0.002	60288000
500	445.7	0.96	0.002	82244000
600	461.3	1.03	0.002	85601000
700	460.4	1.07	0.002	86141000
800	458.1	1.12	0.002	85243000
900	460.7	1.14	0.002	85495000
1000	462.3	1.18	0.002	85806000
1100	462.3	1.22	0.002	86528000
1200	461.8	1.27	0.002	86783000
1300	460.3	1.28	0.002	86483000
1400	459.7	1.27	0.002	86748000
1500	457.9	1.22	0.002	86681000
1600	459.4	1.24	0.002	86274000
1700	463.3	1.23	0.002	86231000
1800	463.9	1.22	0.002	86683000
1900	462.5	1.22	0.002	86414000
2000	460.1	1.2	0.002	86332000
2100	462.6	1.2	0.002	86003000
2200	463.1	1.2	0.002	86148000
2300	406.2	1.14	0.002	76354000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/19/2011				
0	319.4	1.1	0.002	60688000
100	302.1	1.03	0.002	57679000
200	302	0.99	0.002	57508000
300	302.3	0.97	0.002	57531000
400	352	0.93	0.002	65524000
500	423.8	0.93	0.002	78884000
600	457.2	0.97	0.002	86713000
700	457.1	0.98	0.002	86393000
800	456.4	1	0.002	86300000
900	458	1	0.002	85922000
1000	458	1.01	0.002	85812000
1100	457.2	1.04	0.002	86242000
1200	444.3	1.69	0.003	83759000
1300	202.9	3.93	0.008	45504000
1400	159.4	1.11	0.002	39297000
1500	159.8	1.07	0.002	39223000
1600	159.9	1.02	0.002	38972000
1700	160.4	1.01	0.002	39137000
1800	160.7	1.01	0.002	39118000
1900	160.6	1.01	0.002	39064000
2000	194.9	1.11	0.002	43945000
2100	379.9	0.88	0.001	68961000
2200	458.9	0.77	0.001	83645000
2300	459.5	0.79	0.001	84795000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/20/2011				
0	460.7	0.81	0.001	85359000
100	461	0.82	0.001	85888000
200	459	0.82	0.001	85480000
300	459.5	0.82	0.001	85682000
400	461	0.84	0.001	85800000
500	461.5	0.86	0.001	85707000
600	461.7	0.88	0.001	85468000
700	458.5	0.91	0.002	86108000
800	455.6	0.92	0.002	85209000
900	459.5	0.93	0.002	85272000
1000	455.2	0.94	0.002	84465000
1100	459.9	0.94	0.002	85525000
1200	461.4	0.98	0.002	85889000
1300	459	0.99	0.002	85266000
1400	458.7	0.98	0.002	84775000
1500	460.8	0.99	0.002	85674000
1600	460.9	1.01	0.002	85639000
1700	460	1	0.002	85650000
1800	459.2	1.01	0.002	85930000
1900	459.1	1	0.002	85872000
2000	459.1	0.99	0.002	85408000
2100	460.4	0.98	0.002	86071000
2200	453.7	0.98	0.002	85270000
2300	371.7	0.97	0.002	70754000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/21/2011				
0	332.7	0.91	0.002	64099000
100	328	0.86	0.002	63363000
200	228.2	0.91	0.002	47945000
300	221.5	0.89	0.002	47782000
400	235.8	0.84	0.002	50200000
500	403	0.77	0.001	75785000
600	458.4	0.8	0.001	85556000
700	460.7	0.84	0.001	85848000
800	460.5	0.89	0.002	85649000
900	458.7	0.93	0.002	85563000
1000	456.1	0.95	0.002	85558000
1100	455.2	0.94	0.002	85684000
1200	459.2	0.96	0.002	85651000
1300	460.1	0.98	0.002	85714000
1400	460	0.98	0.002	85721000
1500	460.1	0.98	0.002	86176000
1600	460.2	1	0.002	85977000
1700	458.2	1.03	0.002	85851000
1800	458.7	1.04	0.002	85480000
1900	459.7	1.06	0.002	86128000
2000	461.1	1.05	0.002	85995000
2100	461.1	1.03	0.002	86234000
2200	460	1.04	0.002	86126000
2300	459.2	1.05	0.002	86266000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/22/2011				
0	460.1	1.05	0.002	85517000
100	460.6	1.05	0.002	85691000
200	459.7	1.07	0.002	86100000
300	459.2	1.06	0.002	87060000
400	460.4	1.05	0.002	86625000
500	460.1	1.05	0.002	86425000
600	460	1.06	0.002	86563000
700	460.2	1.1	0.002	86900000
800	459	1.11	0.002	86274000
900	460.2	1.12	0.002	86045000
1000	460	1.13	0.002	86124000
1100	459.8	1.16	0.002	85853000
1200	459.9	1.16	0.002	85782000
1300	459.4	1.15	0.002	85586000
1400	460.1	1.16	0.002	85013000
1500	460	1.18	0.002	85460000
1600	460.1	1.17	0.002	85921000
1700	460	1.19	0.002	85855000
1800	459.4	1.21	0.002	86205000
1900	459.8	1.21	0.002	86319000
2000	459.9	1.2	0.002	86178000
2100	459.8	1.2	0.002	86370000
2200	459.4	1.19	0.002	86461000
2300	459.9	1.19	0.002	86151000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/23/2011				
0	460.4	1.19	0.002	86030000
100	451	1.19	0.002	84206000
200	402.4	1.16	0.002	75497000
300	353.9	1.13	0.002	67555000
400	352.8	1.07	0.002	66564000
500	352.8	1.02	0.002	66968000
600	352.9	1	0.002	66616000
700	387.6	0.98	0.002	72045000
800	462.8	1.02	0.002	85579000
900	465.3	1.05	0.002	86000000
1000	465.5	1.1	0.002	85745000
1100	465.8	1.13	0.002	85500000
1200	466.5	1.16	0.002	85540000
1300	465.3	1.16	0.002	85430000
1400	462.6	1.17	0.002	84894000
1500	464.2	1.19	0.002	85308000
1600	464.7	1.2	0.002	85472000
1700	462.8	1.2	0.002	85107000
1800	464	1.21	0.002	85640000
1900	464.8	1.22	0.002	85879000
2000	465.6	1.23	0.002	85824000
2100	466.2	1.23	0.002	85799000
2200	466.6	1.24	0.002	85504000
2300	466.8	1.25	0.002	85966000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/24/2011				
0	467.9	1.25	0.002	85394000
100	384.5	1.23	0.002	71115000
200	259.4	1.22	0.002	51368000
300	253.8	1.14	0.002	50090000
400	261.3	1.09	0.002	51514000
500	323.2	1	0.002	60873000
600	362.9	0.97	0.002	67523000
700	373.9	0.95	0.002	68900000
800	457.6	0.99	0.002	84033000
900	465.9	1.03	0.002	85990000
1000	464.3	1.04	0.002	85598000
1100	463.1	1.05	0.002	84998000
1200	464.4	1.08	0.002	85002000
1300	465.1	1.1	0.002	85223000
1400	465.3	1.11	0.002	84999000
1500	465.4	1.14	0.002	85558000
1600	463.5	1.15	0.002	85339000
1700	464.1	1.14	0.002	85002000
1800	465.4	1.15	0.002	84815000
1900	465.5	1.16	0.002	84913000
2000	465.7	1.18	0.002	85216000
2100	463.6	1.18	0.002	84629000
2200	465.1	1.2	0.002	84631000
2300	466.2	1.2	0.002	85236000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/25/2011				
0	440.2	1.18	0.002	80705000
100	406.1	1.15	0.002	74599000
200	380.9	1.11	0.002	70181000
300	342.8	1.09	0.002	64292000
400	377.6	1.03	0.002	69378000
500	401.7	1.01	0.002	73382000
600	393.1	1.01	0.002	72829000
700	442.6	1.06	0.002	80448000
800	463	1.12	0.002	84693000
900	464.3	1.13	0.002	84637000
1000	464.5	1.16	0.002	84307000
1100	463.8	1.17	0.002	84774000
1200	463.3	1.22	0.002	84580000
1300	462.8	1.19	0.002	84004000
1400	464	1.19	0.002	84030000
1500	464.8	1.18	0.002	84211000
1600	465.4	1.19	0.002	84362000
1700	466.8	1.17	0.002	84782000
1800	465.1	1.17	0.002	84793000
1900	464.1	1.19	0.002	84087000
2000	464.4	1.2	0.002	84371000
2100	464.6	1.21	0.002	84050000
2200	464	1.22	0.002	84365000
2300	464.7	1.22	0.002	83990000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/26/2011				
0	465.8	1.24	0.002	84575000
100	459.1	1.25	0.002	83741000
200	453.8	1.24	0.002	82593000
300	453.9	1.26	0.002	83171000
400	453.8	1.27	0.002	82659000
500	454	1.28	0.002	82923000
600	453.9	1.29	0.002	82833000
700	456.2	1.32	0.002	83879000
800	463	1.32	0.002	85002000
900	464	1.33	0.002	84389000
1000	464.5	1.37	0.002	84894000
1100	464.1	1.37	0.002	84702000
1200	463.5	1.38	0.002	84848000
1300	463.2	1.4	0.002	84588000
1400	464.4	1.39	0.002	84592000
1500	464.2	1.4	0.002	84754000
1600	456.6	1.41	0.002	83327000
1700	466.2	1.44	0.002	84876000
1800	466.3	1.48	0.003	84884000
1900	465.5	1.47	0.003	84453000
2000	463.3	1.46	0.003	83703000
2100	464.8	1.47	0.002	84056000
2200	465.6	1.46	0.002	84452000
2300	464	1.46	0.002	84239000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/27/2011				
0	465.7	1.46	0.002	84610000
100	465.1	1.48	0.003	85084000
200	463.3	1.47	0.003	84724000
300	464.9	1.48	0.003	84898000
400	466.2	1.51	0.003	84479000
500	467.1	1.52	0.003	84135000
600	467.7	1.53	0.003	84352000
700	467.9	1.57	0.003	84652000
800	468.1	1.6	0.003	84439000
900	464.7	0	0	83517000
1000	465	1.68	0.003	83369000
1100	465.3	1.7	0.003	84093000
1200	465.6	1.7	0.003	83876000
1300	436	1.62	0.003	78603000
1400	459.8	1.75	0.003	82309000
1500	462.7	1.72	0.003	82995000
1600	464.5	1.72	0.003	82978000
1700	464.9	1.74	0.003	83433000
1800	462.9	1.74	0.003	83039000
1900	463.2	1.73	0.003	82911000
2000	463.2	1.78	0.003	83331000
2100	464.5	1.82	0.003	83912000
2200	465.5	1.83	0.003	84469000
2300	458.6	1.91	0.003	85783000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/28/2011				
0	310.6	1.8	0.003	68658000
100	106.8	1.57	0.005	49159000
200	17.5	1.33	0.004	46401000
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
04/29/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
04/30/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/01/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	0	0.74	0.002	30971000
1800	0	1.07	0.004	31667000
1900	0	1.3	0.004	37670000
2000	0	2.75	0.009	41524000
2100	0	5.95	0.02	41440000
2200	0.7	1.79	0.006	41928000
2300	10.4	0.62	0.002	42210000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/02/2011				
0	21.2	0.66	0.002	42391000
100	56.6	0.5	0.002	42664000
200	136.7	0.39	0.001	43343000
300	172.8	0.36	0.001	43598000
400	177.7	0.37	0.001	43340000
500	201.8	0.38	0.001	45442000
600	242	0.54	0.001	51297000
700	337	0.52	0.001	64087000
800	404.3	0.56	0.001	74107000
900	428.7	0.61	0.001	77922000
1000	428.5	0.66	0.001	77682000
1100	432.5	0.71	0.001	78587000
1200	438.5	0.73	0.001	78848000
1300	457.1	0.8	0.001	81498000
1400	458.4	0.9	0.002	83480000
1500	455.8	0.89	0.002	83491000
1600	455.6	0.9	0.002	81966000
1700	457.7	0.95	0.002	82380000
1800	459.5	0.98	0.002	82710000
1900	459.8	1	0.002	84097000
2000	462	1.01	0.002	83206000
2100	463.6	1.01	0.002	83315000
2200	464.3	1.02	0.002	84044000
2300	461.8	1.04	0.002	84496000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/03/2011				
0	461.2	1.04	0.002	82850000
100	459.3	1.05	0.002	83138000
200	438.6	1.04	0.002	79676000
300	438.7	1.03	0.002	79807000
400	452.3	1.05	0.002	82027000
500	463.6	1.09	0.002	84148000
600	464	1.12	0.002	84327000
700	461.9	1.21	0.002	85440000
800	401.5	0.85	0.002	77917000
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/04/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/05/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/06/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/07/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/08/2011				
0	418	1	0.002	79827000
100	418.6	1.01	0.002	79942000
200	419.5	1	0.002	79321000
300	418.4	1	0.002	80168000
400	415.4	0.97	0.002	79690000
500	417.5	0.97	0.002	79799000
600	417.3	0.96	0.002	79535000
700	416	0.96	0.002	74246000
800	417.6	0.96	0.002	64317000
900	417.9	0.96	0.002	79202000
1000	418	0.99	0.002	79850000
1100	418.1	1.02	0.002	80201000
1200	417.9	0.98	0.002	12133000
1300	414.4	0.99	0.002	0
1400	414.9	0.98	0.002	43877000
1500	415.9	0.97	0.002	79353000
1600	414.2	0.96	0.002	79217000
1700	414.7	0.94	0.002	78261000
1800	415.9	0.93	0.002	78300000
1900	416.8	0.93	0.002	79856000
2000	417.1	0.92	0.002	79697000
2100	414.7	0.9	0.002	79395000
2200	417.4	0.88	0.001	78322000
2300	418.4	0.88	0.002	78991000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/09/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	0	0.62	0.002	29855000
1700	0	0.94	0.003	29787000
1800	0	6.4	0.022	31159000
1900	0	9.96	0.034	30909000
2000	0	9.96	0.034	30959000
2100	0	9.96	0.034	31674000
2200	0	8.18	0.028	31787000
2300	0	1.53	0.005	32158000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/10/2011				
0	0	1.11	0.004	32124000
100	0	0.88	0.003	32141000
200	0	3.61	0.012	32091000
300	0.1	9.96	0.034	32393000
400	0.1	9.96	0.034	35571000
500	1.5	6.97	0.023	41777000
600	0	0.61	0.002	42308000
700	18.4	0.58	0.002	45142000
800	50	0.37	0.001	45844000
900	209.9	0.39	0.001	51303000
1000	344.4	0.61	0.001	68766000
1100	367.1	0.46	0.001	71487000
1200	368.2	0.49	0.001	71722000
1300	390.6	0.53	0.001	74793000
1400	407	0.56	0.001	77055000
1500	406.5	0.57	0.001	77264000
1600	408.3	0.59	0.001	77170000
1700	409.6	0.59	0.001	78098000
1800	409.9	0.62	0.001	78338000
1900	408.4	0.64	0.001	78507000
2000	408.6	0.65	0.001	78786000
2100	408.6	0.66	0.001	78171000
2200	408.4	0.67	0.001	78497000
2300	408.6	0.69	0.001	78484000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/11/2011				
0	408.5	0.7	0.001	78524000
100	408.3	0.72	0.001	78650000
200	408.5	0.73	0.001	78836000
300	411	0.75	0.001	79362000
400	413.5	0.75	0.001	79873000
500	411.2	0.76	0.001	79192000
600	409	0.76	0.001	79326000
700	408.5	0.79	0.001	79324000
800	408.4	0.81	0.001	79431000
900	408.8	0.84	0.001	79190000
1000	408.8	0.87	0.002	80197000
1100	407.5	0.87	0.002	79808000
1200	405.8	0.87	0.002	79619000
1300	404.6	0.87	0.002	79035000
1400	405	0.87	0.002	78954000
1500	405.4	0.9	0.002	78499000
1600	406.8	0.91	0.002	78223000
1700	408.3	0.91	0.002	78216000
1800	408.7	0.92	0.002	78474000
1900	408.5	0.92	0.002	78497000
2000	407.4	0.91	0.002	78092000
2100	407.4	0.89	0.002	77676000
2200	407.9	0.89	0.002	77439000
2300	408.5	0.9	0.002	78090000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/12/2011				
0	409.5	0.9	0.002	78181000
100	409.5	0.9	0.002	78506000
200	407.7	0.87	0.002	78318000
300	408.5	0.86	0.002	78428000
400	409	0.86	0.002	79093000
500	408.7	0.86	0.002	78671000
600	408.4	0.87	0.002	78033000
700	408.4	0.86	0.001	78368000
800	407.8	0.88	0.002	78791000
900	407.9	0.88	0.002	78529000
1000	408.9	0.89	0.002	78567000
1100	408.6	0.92	0.002	78348000
1200	408.5	0.96	0.002	79237000
1300	407.1	0.95	0.002	79091000
1400	407.9	0.95	0.002	78764000
1500	408.3	0.96	0.002	78516000
1600	409.2	0.97	0.002	78960000
1700	409.3	0.98	0.002	79612000
1800	407.2	0.97	0.002	79037000
1900	408.4	0.97	0.002	78709000
2000	409.3	0.96	0.002	79145000
2100	408.8	0.94	0.002	78866000
2200	408.6	0.94	0.002	79038000
2300	408.5	0.93	0.002	79448000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/13/2011				
0	408.3	0.92	0.002	79772000
100	408.3	0.92	0.002	79198000
200	408.5	0.9	0.002	78657000
300	408.5	0.9	0.002	78828000
400	408.7	0.91	0.002	79767000
500	408.4	0.92	0.002	80071000
600	408.3	0.93	0.002	80366000
700	407.9	0.94	0.002	80699000
800	408.7	0.93	0.002	79041000
900	408.7	0.93	0.002	78109000
1000	408.6	0.94	0.002	78930000
1100	408.3	0.99	0.002	80825000
1200	408	0.98	0.002	80100000
1300	408.1	0.98	0.002	79704000
1400	408.6	0.98	0.002	79720000
1500	408.4	0.99	0.002	80029000
1600	408.4	1	0.002	80457000
1700	409	1.02	0.002	80708000
1800	407.9	1.02	0.002	80829000
1900	408.4	1.02	0.002	80318000
2000	408.8	1.02	0.002	80371000
2100	408.5	1.03	0.002	80029000
2200	408.4	1.03	0.002	80402000
2300	408.4	1.04	0.002	80745000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/14/2011				
0	407.9	1.02	0.002	81072000
100	408.6	1.01	0.002	80699000
200	408.6	1.01	0.002	80902000
300	408.4	1.02	0.002	80782000
400	408.4	1.01	0.002	80618000
500	408.4	1.01	0.002	81094000
600	408.4	1	0.002	80550000
700	408.2	1.03	0.002	81067000
800	408.1	1.04	0.002	81193000
900	408.7	1.04	0.002	80982000
1000	408.4	1.06	0.002	80775000
1100	408.5	1.07	0.002	81080000
1200	408.4	1.05	0.002	80685000
1300	408.8	1.03	0.002	80838000
1400	408.4	1.03	0.002	80568000
1500	408.5	1.04	0.002	80910000
1600	408.4	1.03	0.002	81548000
1700	407.7	1.01	0.002	81588000
1800	408.7	1.01	0.002	81210000
1900	408.5	1.01	0.002	80839000
2000	408.4	1.01	0.002	80416000
2100	408.4	1.02	0.002	80636000
2200	408.1	1.04	0.002	81209000
2300	365.4	0.96	0.002	74344000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/15/2011				
0	305.1	0.83	0.001	60336000
100	250.3	0.78	0.001	52202000
200	236.1	0.77	0.001	48911000
300	237.5	0.76	0.001	49076000
400	237.5	0.76	0.001	49112000
500	286.2	0.73	0.001	55585000
600	369.4	0.76	0.001	70058000
700	407.9	0.8	0.001	77629000
800	408.5	0.83	0.001	77384000
900	408.3	0.85	0.001	77205000
1000	408.3	0.86	0.001	77018000
1100	408.2	0.93	0.002	77091000
1200	408.4	0.97	0.002	78233000
1300	407.8	0.95	0.002	77536000
1400	408.4	0.94	0.002	78095000
1500	408.5	0.97	0.002	79009000
1600	408.4	0.97	0.002	78328000
1700	408.3	0.99	0.002	78450000
1800	408.3	0.97	0.002	78384000
1900	408.4	0.98	0.002	78885000
2000	407.8	0.97	0.002	78585000
2100	408.7	0.96	0.002	77897000
2200	408.5	0.96	0.002	78239000
2300	408.2	0.98	0.002	78367000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/16/2011				
0	408.4	0.99	0.002	78667000
100	408.4	1.01	0.002	78808000
200	408	1	0.002	79054000
300	408.2	1	0.002	78946000
400	408.6	0.99	0.002	78604000
500	408.3	0.99	0.002	78570000
600	408.1	1.01	0.002	79191000
700	408.3	1	0.002	79207000
800	408.6	1.01	0.002	78528000
900	408.3	1.04	0.002	78579000
1000	408.3	1.07	0.002	78838000
1100	408.2	1.08	0.002	79284000
1200	408.1	1.08	0.002	79072000
1300	408.5	1.08	0.002	78746000
1400	408.3	1.08	0.002	78619000
1500	408.3	1.09	0.002	79044000
1600	408.2	1.08	0.002	79424000
1700	408.1	1.04	0.002	79005000
1800	408.6	1.04	0.002	79079000
1900	408.4	1.04	0.002	78836000
2000	408.3	1.03	0.002	78708000
2100	408.3	1.01	0.002	78767000
2200	408.3	1.01	0.002	78679000
2300	408.3	1.01	0.002	78863000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/17/2011				
0	408	0.99	0.002	79537000
100	408.4	0.98	0.002	78714000
200	408.4	0.97	0.002	78225000
300	408.4	0.97	0.002	78656000
400	407.9	0.95	0.002	78460000
500	408.5	0.94	0.002	78192000
600	408.5	0.93	0.002	78192000
700	408.3	0.93	0.002	78650000
800	408.3	0.93	0.002	78450000
900	408.1	0.94	0.002	78552000
1000	408.3	0.96	0.002	78371000
1100	408.4	0.96	0.002	78667000
1200	408.4	0.95	0.002	77836000
1300	408.4	0.94	0.002	78092000
1400	408.1	0.97	0.002	79101000
1500	407.9	0.96	0.002	79556000
1600	408.4	0.95	0.002	79446000
1700	408.7	0.96	0.002	79536000
1800	408.4	0.97	0.002	79793000
1900	408.3	0.99	0.002	80085000
2000	408.2	0.98	0.002	80263000
2100	408.2	0.98	0.002	80145000
2200	408.3	0.97	0.002	80242000
2300	408.3	0.97	0.002	79824000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/18/2011				
0	408.4	0.98	0.002	79525000
100	408.4	0.98	0.002	79780000
200	407.9	0.98	0.002	80259000
300	408.5	0.97	0.002	79822000
400	408.5	0.98	0.002	79881000
500	408.4	1	0.002	79878000
600	408.3	1	0.002	80737000
700	408	1	0.002	80546000
800	408.3	1	0.002	80735000
900	408.4	1.01	0.002	80434000
1000	408.5	1.03	0.002	80472000
1100	408.6	1.09	0.002	80649000
1200	408.1	1.1	0.002	81079000
1300	408.3	1.15	0.002	80907000
1400	408.3	1.05	0.002	80317000
1500	408.3	1.06	0.002	80390000
1600	408.5	1.07	0.002	80784000
1700	408	1.06	0.002	81063000
1800	408.4	1.05	0.002	80758000
1900	408.3	1.05	0.002	79827000
2000	408.5	1.04	0.002	79536000
2100	408.3	1.03	0.002	79834000
2200	408.2	1.03	0.002	79885000
2300	408.5	1.01	0.002	78406000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/19/2011				
0	408.3	0.97	0.002	76873000
100	408.2	0.97	0.002	77560000
200	408.2	0.95	0.002	77401000
300	408.4	0.95	0.002	77129000
400	408.2	0.95	0.002	77166000
500	408.4	0.96	0.002	77007000
600	408.3	0.99	0.002	76731000
700	408.4	1.01	0.002	78063000
800	408.2	0.98	0.002	77993000
900	407.9	0.97	0.002	77611000
1000	408.5	0.99	0.002	77746000
1100	408.2	1.02	0.002	77969000
1200	408.4	1.03	0.002	78085000
1300	408.3	1.01	0.002	77324000
1400	408	1.01	0.002	77260000
1500	408.4	1.03	0.002	78146000
1600	408.7	1.06	0.002	78031000
1700	408.4	1.07	0.002	77522000
1800	408.1	1.06	0.002	77548000
1900	408.4	1.07	0.002	78394000
2000	407.9	1.06	0.002	78986000
2100	408.6	1.05	0.002	78015000
2200	408.4	1.09	0.002	81085000
2300	408.2	1.09	0.002	81020000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/20/2011				
0	408.1	1.11	0.002	80928000
100	408.4	1.11	0.002	80568000
200	408.4	1.14	0.002	80797000
300	408.4	1.13	0.002	80654000
400	408.3	1.13	0.002	80885000
500	407.9	1.16	0.002	81361000
600	408.4	1.16	0.002	81273000
700	408.4	1.16	0.002	81421000
800	408.3	1.16	0.002	81592000
900	408.8	1.22	0.002	81974000
1000	408.1	1.17	0.002	79569000
1100	408.3	1.16	0.002	79083000
1200	408.3	1.14	0.002	79238000
1300	408	1.13	0.002	79001000
1400	408.4	1.13	0.002	78873000
1500	408.3	1.11	0.002	79041000
1600	408.3	1.11	0.002	79542000
1700	408.2	1.12	0.002	80391000
1800	408.1	1.1	0.002	80300000
1900	408.5	1.09	0.002	79820000
2000	408.5	1.09	0.002	79534000
2100	408.3	1.1	0.002	80150000
2200	408.2	1.11	0.002	80408000
2300	408.2	1.1	0.002	80029000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/21/2011				
0	408.4	1.11	0.002	79648000
100	408.5	1.14	0.002	80194000
200	407.6	1.14	0.002	79757000
300	408.7	1.13	0.002	79430000
400	408	1.1	0.002	78291000
500	408.5	1.09	0.002	78218000
600	408.5	1.11	0.002	78029000
700	408.3	1.13	0.002	79218000
800	408.3	1.15	0.002	78932000
900	407.9	1.16	0.002	79392000
1000	408.5	1.2	0.002	79229000
1100	408.5	1.2	0.002	79499000
1200	408.3	1.21	0.002	79079000
1300	408.3	1.24	0.002	79269000
1400	407.7	1.24	0.002	79452000
1500	408.6	1.26	0.002	79453000
1600	408.5	1.24	0.002	79224000
1700	408.3	1.27	0.002	79302000
1800	407.5	1.27	0.002	79514000
1900	408.8	1.28	0.002	79032000
2000	408.4	1.27	0.002	78283000
2100	408.4	1.26	0.002	78333000
2200	408.6	1.27	0.002	78354000
2300	402.7	1.29	0.002	77708000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/22/2011				
0	276.6	1.12	0.002	57021000
100	259.8	1.04	0.002	52087000
200	261.9	0.99	0.002	51795000
300	262.3	0.96	0.002	52546000
400	261.6	0.93	0.002	52471000
500	262.2	0.92	0.002	52250000
600	317.7	0.95	0.002	61183000
700	407.9	1.06	0.002	77387000
800	408.6	1.08	0.002	77427000
900	407.9	1.1	0.002	77709000
1000	408.6	1.1	0.002	76843000
1100	408.5	1.12	0.002	77407000
1200	408.3	1.14	0.002	77074000
1300	408.4	1.15	0.002	78019000
1400	408.3	1.15	0.002	79402000
1500	408.3	1.17	0.002	79321000
1600	408.3	1.18	0.002	79540000
1700	407.9	1.2	0.002	79596000
1800	408.7	1.21	0.002	79424000
1900	408.5	1.21	0.002	79734000
2000	408.5	1.23	0.002	79603000
2100	408.5	1.23	0.002	79478000
2200	408.3	1.25	0.002	79857000
2300	407.4	1.22	0.002	79909000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/23/2011				
0	409.2	1.24	0.002	79579000
100	408.5	1.28	0.002	79567000
200	408.4	1.31	0.002	79529000
300	408.5	1.32	0.002	79851000
400	408.4	1.31	0.002	80068000
500	408.2	1.3	0.002	79740000
600	408.5	1.32	0.002	79556000
700	408.6	1.38	0.002	79885000
800	408.3	1.38	0.002	80221000
900	407.8	1.49	0.003	80259000
1000	408.8	1.54	0.003	79469000
1100	408.6	1.43	0.003	79553000
1200	408.3	1.45	0.003	80431000
1300	407.8	1.43	0.003	79591000
1400	408.7	1.44	0.003	79267000
1500	408.1	1.42	0.002	79392000
1600	408.3	1.43	0.003	79232000
1700	408.6	1.44	0.002	78945000
1800	408.3	1.44	0.002	79300000
1900	408.5	1.45	0.003	79882000
2000	407.7	1.44	0.002	79301000
2100	408.7	1.44	0.002	79444000
2200	408.6	1.45	0.003	79648000
2300	407.9	1.45	0.003	79724000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/24/2011				
0	408.9	1.42	0.002	79760000
100	407.7	1.44	0.003	79838000
200	382.8	1.38	0.002	74187000
300	383.2	1.37	0.002	74073000
400	383	1.33	0.002	73842000
500	403.2	1.38	0.002	78198000
600	408.5	1.42	0.002	79245000
700	408.5	1.44	0.002	79136000
800	408.4	1.48	0.003	79708000
900	408.3	1.45	0.003	79600000
1000	408	1.43	0.003	79423000
1100	408.6	1.48	0.003	78726000
1200	408.2	1.49	0.003	78603000
1300	408.6	1.52	0.003	78702000
1400	408.3	1.5	0.003	78937000
1500	408.5	1.46	0.003	78609000
1600	408.4	1.46	0.003	79005000
1700	408	1.47	0.003	79191000
1800	408.6	1.46	0.003	79345000
1900	408.7	1.45	0.003	79592000
2000	408.3	1.45	0.003	79569000
2100	408.5	1.46	0.003	79443000
2200	408.4	1.48	0.003	79448000
2300	408.4	1.47	0.003	79715000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/25/2011				
0	407.9	1.46	0.003	79527000
100	408.8	1.47	0.003	79250000
200	408.3	1.49	0.003	79071000
300	408.4	1.48	0.003	79474000
400	408.1	1.48	0.003	79054000
500	408.6	1.48	0.003	78916000
600	408.3	1.46	0.003	79071000
700	408.5	1.51	0.003	78911000
800	408.4	1.53	0.003	79204000
900	408	1.55	0.003	79333000
1000	408.5	1.57	0.003	78954000
1100	408.6	1.59	0.003	78990000
1200	408.2	1.61	0.003	79375000
1300	407.9	1.61	0.003	79167000
1400	410.9	1.66	0.003	79212000
1500	413	1.57	0.003	79884000
1600	411.9	1.56	0.003	80647000
1700	411.6	1.52	0.003	80603000
1800	412.7	1.51	0.003	80154000
1900	412.9	1.52	0.003	80198000
2000	413.6	1.52	0.003	80460000
2100	413.1	1.54	0.003	80722000
2200	412.1	1.48	0.003	80099000
2300	413.5	1.5	0.003	80121000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
05/26/2011				
0	414.2	1.49	0.003	80487000
100	414.5	1.49	0.003	80464000
200	413.8	1.54	0.003	80607000
300	412.4	1.54	0.003	80188000
400	413.2	1.51	0.003	79509000
500	414.2	1.5	0.003	79580000
600	413.8	1.5	0.003	79778000
700	413.6	1.5	0.003	79775000
800	411.9	1.49	0.003	79624000
900	413.2	1.51	0.003	79584000
1000	413.7	1.53	0.003	79710000
1100	414	1.56	0.003	79747000
1200	413.3	1.54	0.003	79863000
1300	410.6	1.52	0.003	79132000
1400	411.6	1.54	0.003	79627000
1500	412	1.56	0.003	79858000
1600	413.1	1.61	0.003	80641000
1700	411.7	1.62	0.003	80321000
1800	411.7	1.66	0.003	80365000
1900	412.3	1.66	0.003	80479000
2000	413.4	1.87	0.003	80397000
2100	413.3	2.32	0.004	80327000
2200	413.5	2.24	0.004	80409000
2300	413.6	2.22	0.004	80817000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/27/2011				
0	410.5	2.17	0.004	80356000
100	411.7	2.15	0.004	80349000
200	412.5	2.08	0.004	80736000
300	413.4	2.17	0.004	81277000
400	410.9	2.12	0.004	80636000
500	412.3	2.14	0.004	80217000
600	412.7	2.13	0.004	81468000
700	413.5	2.39	0.004	80900000
800	413.5	2.26	0.004	81056000
900	411.1	2.07	0.004	80344000
1000	411.4	2.07	0.004	80140000
1100	411.8	2.05	0.004	80409000
1200	412.7	2.05	0.004	80265000
1300	412.7	2.05	0.004	80676000
1400	410	1.99	0.003	80264000
1500	408.2	2.01	0.004	79613000
1600	410.4	2.04	0.004	80382000
1700	409	1.99	0.003	80150000
1800	409.6	2.05	0.004	79806000
1900	410.7	2.07	0.004	80340000
2000	411.4	2.08	0.004	80787000
2100	411.5	2.06	0.004	80875000
2200	411.8	2.15	0.004	80841000
2300	412	2.03	0.004	81154000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/28/2011				
0	408.7	2.02	0.004	79894000
100	409.8	2.06	0.004	80083000
200	410.9	2.02	0.004	80230000
300	411.2	1.97	0.003	80365000
400	409.8	1.92	0.003	80182000
500	411.4	1.96	0.003	80324000
600	411.8	1.89	0.003	80679000
700	412.4	1.95	0.003	80620000
800	412.9	1.9	0.003	80765000
900	409.8	1.86	0.003	80109000
1000	410.3	1.88	0.003	79696000
1100	410.8	1.87	0.003	79667000
1200	411.6	1.83	0.003	79901000
1300	411.3	1.82	0.003	80035000
1400	411.2	1.85	0.003	80107000
1500	408	1.77	0.003	79523000
1600	408.5	1.76	0.003	79806000
1700	408.8	1.74	0.003	80065000
1800	407.6	1.68	0.003	79478000
1900	409.3	1.65	0.003	79754000
2000	410.3	1.69	0.003	80024000
2100	411	1.56	0.003	80519000
2200	410.9	1.48	0.003	80815000
2300	411	1.36	0.002	81010000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/29/2011				
0	408.6	1.21	0.002	79730000
100	339.2	1.09	0.002	67096000
200	246.5	1.01	0.002	51691000
300	254	0.95	0.002	52024000
400	253.1	0.96	0.002	52075000
500	253.1	1.01	0.002	52402000
600	253.1	0.87	0.002	52208000
700	316.5	0.89	0.002	63061000
800	412.7	0.94	0.002	80914000
900	413.6	0.78	0.001	80283000
1000	413.3	0.77	0.001	79952000
1100	413.4	0.73	0.001	79909000
1200	413.4	0.71	0.001	79743000
1300	413.4	0.73	0.001	79918000
1400	413.3	0.52	0.001	79882000
1500	412.9	0.31	0.001	80218000
1600	413.5	0.15	0	80186000
1700	413	0.12	0	79992000
1800	411.1	0.12	0	80115000
1900	410	0.12	0	79692000
2000	410.7	0.11	0	79689000
2100	412.2	0.12	0	80058000
2200	413.1	0.12	0	80345000
2300	412.8	0.12	0	80335000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/30/2011				
0	412.5	0.11	0	80056000
100	410.1	0.12	0	79591000
200	411.5	0.12	0	79450000
300	412	0.13	0	79522000
400	412.9	0.12	0	79889000
500	413.1	0.13	0	80154000
600	412.9	0.12	0	80429000
700	412.3	0.12	0	80180000
800	410.8	0.12	0	79985000
900	410.6	0.12	0	79528000
1000	412.1	0.12	0	80027000
1100	412.3	0.13	0	79994000
1200	412.8	0.13	0	80255000
1300	410.5	0.14	0	79905000
1400	411.2	0.15	0	79501000
1500	412	0.16	0	79593000
1600	412.6	0.15	0	80043000
1700	412.3	0.15	0	80194000
1800	409.9	0.14	0	80020000
1900	411.7	0.14	0	80184000
2000	412.9	0.15	0.001	80519000
2100	413.5	0.15	0	80788000
2200	413.3	0.15	0	80640000
2300	412	0.15	0	80922000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
05/31/2011				
0	410.8	0.15	0	80729000
100	412.6	0.15	0	81606000
200	409.5	0.15	0	80321000
300	384.8	0.16	0	75277000
400	411.6	0.16	0	80471000
500	411.6	0.18	0	79838000
600	407.6	0.17	0	79874000
700	382.9	0.16	0	75824000
800	383	0.14	0	74730000
900	383	0.15	0	74767000
1000	382.9	0.14	0	74759000
1100	371.5	0.14	0	72421000
1200	358.4	0.14	0	71040000
1300	336.5	0.14	0	67609000
1400	291.3	0.14	0	59055000
1500	230.2	0.15	0	50391000
1600	203.8	0.14	0	48464000
1700	200.6	0.14	0	48358000
1800	200.7	0.15	0	48652000
1900	200.6	0.14	0	48543000
2000	200.7	0.14	0	48750000
2100	187.8	0.16	0.001	47537000
2200	79.6	0.15	0.001	39577000
2300	31.7	0.14	0	39436000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/01/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/02/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/03/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	0	0.32	0.001	44109000
1300	0	0.26	0.001	44952000
1400	0	0.26	0.001	43906000
1500	0	0.3	0.001	43058000
1600	0	0.34	0.001	41919000
1700	28.1	0.33	0.001	42127000
1800	153.6	0.25	0.001	47507000
1900	262.7	0.25	0	59030000
2000	376.5	0.29	0	75348000
2100	406	0.36	0.001	79442000
2200	408.7	0.42	0.001	79053000
2300	410.1	0.45	0.001	78266000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/04/2011				
0	408.4	0.48	0.001	80900000
100	408.5	0.51	0.001	81488000
200	374.3	0.51	0.001	75050000
300	358.2	0.5	0.001	71566000
400	327.4	0.51	0.001	63717000
500	327.5	0.52	0.001	63732000
600	327.5	0.51	0.001	63411000
700	376.3	0.53	0.001	72890000
800	410.9	0.58	0.001	81492000
900	409.7	0.64	0.001	80733000
1000	407.8	0.67	0.001	80047000
1100	409	0.69	0.001	80594000
1200	410.4	0.72	0.001	80203000
1300	411.6	0.75	0.001	80225000
1400	408	0.77	0.001	79739000
1500	409.3	0.78	0.001	80361000
1600	409.7	0.82	0.001	80672000
1700	409.5	0.83	0.001	82355000
1800	409.5	0.85	0.001	82152000
1900	409.5	0.85	0.001	81549000
2000	409.4	0.86	0.001	81377000
2100	408.9	0.86	0.001	81314000
2200	409.6	0.86	0.001	81267000
2300	409.5	0.87	0.001	80983000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/05/2011				
0	368.4	0.86	0.001	73811000
100	239.6	0.81	0.002	53020000
200	241.6	0.68	0.001	52054000
300	241.8	0.65	0.001	51070000
400	241.7	0.64	0.001	50766000
500	241.8	0.65	0.001	50342000
600	276.1	0.65	0.001	56181000
700	397.8	0.72	0.001	77748000
800	411.5	0.76	0.001	81727000
900	413	0.79	0.001	82425000
1000	411.5	0.86	0.001	82498000
1100	411.1	0.93	0.002	82399000
1200	409.8	0.99	0.002	81017000
1300	408.3	0.98	0.002	79979000
1400	411.4	0.98	0.002	80241000
1500	411.6	0.99	0.002	79693000
1600	411.6	1	0.002	80354000
1700	411.6	1.02	0.002	80873000
1800	411.5	1.04	0.002	81766000
1900	410.7	1.03	0.002	81011000
2000	411.2	1.02	0.002	81958000
2100	412.1	1.04	0.002	82237000
2200	411.5	1.05	0.002	82128000
2300	411.4	1.05	0.002	81898000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/06/2011				
0	395.4	1.04	0.002	78578000
100	366.4	0.99	0.002	72523000
200	359.4	0.96	0.002	71037000
300	337.7	0.91	0.002	66444000
400	352	0.89	0.002	68442000
500	402	0.95	0.002	79439000
600	413.7	1.04	0.002	82603000
700	413.9	1	0.002	78315000
800	412.4	1	0.002	77535000
900	413.5	1.02	0.002	77961000
1000	413.7	1.04	0.002	78016000
1100	413.6	1.07	0.002	78316000
1200	412.3	1.07	0.002	77620000
1300	413.4	1.1	0.002	77815000
1400	414.1	1.07	0.002	77335000
1500	413.8	1.09	0.002	77308000
1600	412.3	1.09	0.002	77283000
1700	412.9	1.08	0.002	77720000
1800	414.3	1.08	0.002	78120000
1900	414	1.07	0.002	77820000
2000	413.6	1.06	0.002	77849000
2100	413.5	1.06	0.002	80525000
2200	412.4	1.05	0.002	81890000
2300	412.7	1.05	0.002	82506000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/07/2011				
0	368.4	1.01	0.002	73280000
100	341.8	0.94	0.002	67599000
200	327.2	0.91	0.002	65181000
300	327.5	0.87	0.001	63760000
400	367.8	0.87	0.001	70738000
500	412.8	0.91	0.001	78620000
600	413.4	0.93	0.002	79157000
700	413.9	0.95	0.002	79384000
800	412	0.97	0.002	79073000
900	414	0.96	0.002	78160000
1000	414.4	0.98	0.002	78342000
1100	392.9	0.98	0.002	72784000
1200	412.8	1	0.002	78994000
1300	413.3	1	0.002	78542000
1400	414.7	1.02	0.002	78321000
1500	416.5	1.03	0.002	78979000
1600	414.9	1.02	0.002	78276000
1700	415.2	1.01	0.002	79005000
1800	416.1	1.02	0.002	78799000
1900	415.9	1.02	0.002	79166000
2000	414.8	1.01	0.002	78735000
2100	416.3	1	0.002	78708000
2200	417.3	0.99	0.002	78377000
2300	418	0.99	0.002	79131000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/08/2011				
0	418	1	0.002	79827000
100	418.6	1.01	0.002	79942000
200	419.5	1	0.002	79321000
300	418.4	1	0.002	80168000
400	415.4	0.97	0.002	79690000
500	417.5	0.97	0.002	79799000
600	417.3	0.96	0.002	79535000
700	416	0.96	0.002	74246000
800	417.6	0.96	0.002	64317000
900	417.9	0.96	0.002	79202000
1000	418	0.99	0.002	79850000
1100	418.1	1.02	0.002	80201000
1200	417.9	0.98	0.002	12133000
1300	414.4	0.99	0.002	0
1400	414.9	0.98	0.002	43877000
1500	415.9	0.97	0.002	79353000
1600	414.2	0.96	0.002	79217000
1700	414.7	0.94	0.002	78261000
1800	415.9	0.93	0.002	78300000
1900	416.8	0.93	0.002	79856000
2000	417.1	0.92	0.002	79697000
2100	414.7	0.9	0.002	79395000
2200	417.4	0.88	0.001	78322000
2300	418.4	0.88	0.002	78991000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/09/2011				
0	419.1	0.88	0.002	79254000
100	419.3	0.88	0.001	79174000
200	417.4	0.86	0.001	78783000
300	416.8	0.85	0.001	79606000
400	418.3	0.83	0.001	78902000
500	418.6	0.84	0.001	78761000
600	417.8	0.84	0.001	82868000
700	413.5	0.87	0.002	83136000
800	413	0.87	0.002	83836000
900	414.4	0.87	0.002	83597000
1000	413.5	0.89	0.002	83413000
1100	413.5	0.9	0.002	81941000
1200	412.9	0.91	0.002	81553000
1300	412.6	0.92	0.002	81214000
1400	414.3	0.94	0.002	81691000
1500	413.8	0.93	0.002	82401000
1600	412.6	0.93	0.002	80486000
1700	414	0.92	0.002	79120000
1800	413.9	0.95	0.002	79732000
1900	413.5	0.96	0.002	80373000
2000	413.6	0.96	0.002	80496000
2100	412.8	0.96	0.002	80419000
2200	413.6	0.95	0.002	80191000
2300	413.7	0.96	0.002	81138000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/10/2011				
0	413.7	0.97	0.002	81004000
100	413.6	0.98	0.002	80716000
200	412.7	0.97	0.002	80847000
300	413.7	0.97	0.002	81721000
400	413.6	0.96	0.002	81675000
500	415.4	0.98	0.002	83479000
600	416.2	0.99	0.002	84333000
700	411	0.99	0.002	84283000
800	413.3	1	0.002	84814000
900	413.4	1.02	0.002	85091000
1000	413.4	1.09	0.002	84909000
1100	413.4	1.08	0.002	83870000
1200	412.3	1.07	0.002	83504000
1300	413.5	1.08	0.002	83017000
1400	411.6	1.06	0.002	82840000
1500	412.9	1.07	0.002	82575000
1600	413.5	1.07	0.002	83072000
1700	411.3	1.07	0.002	82551000
1800	413.2	1.11	0.002	83759000
1900	413.7	1.12	0.002	83832000
2000	414.3	1.12	0.002	82974000
2100	411.8	1.12	0.002	83145000
2200	413.1	1.11	0.002	83472000
2300	414.7	1.14	0.002	84163000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/11/2011				
0	414.6	1.14	0.002	83649000
100	413.7	1.16	0.002	83301000
200	413.5	1.15	0.002	82425000
300	405.7	1.11	0.002	81495000
400	388.3	1.07	0.002	78453000
500	388.2	1.06	0.002	78435000
600	389.6	1.07	0.002	78582000
700	412.6	1.16	0.002	83161000
800	413.9	1.28	0.002	83608000
900	412.8	1.26	0.002	82598000
1000	412.8	1.29	0.002	82418000
1100	413.5	1.32	0.002	82492000
1200	413.7	1.31	0.002	82284000
1300	411.8	1.33	0.002	82166000
1400	413	1.36	0.002	82300000
1500	413.5	1.37	0.002	82913000
1600	413.7	1.38	0.002	82514000
1700	411.4	1.36	0.002	82018000
1800	413.2	1.39	0.002	83021000
1900	413.9	1.39	0.002	82893000
2000	414.2	1.4	0.002	83127000
2100	413.9	1.39	0.002	82786000
2200	411.9	1.34	0.002	82767000
2300	411.9	1.35	0.002	83048000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/12/2011				
0	403.5	1.37	0.002	81245000
100	273.5	1.09	0.002	56743000
200	254.7	0.94	0.002	52615000
300	258	0.88	0.002	53251000
400	258.2	0.85	0.002	53767000
500	257.8	0.83	0.002	53894000
600	284.4	0.81	0.001	59128000
700	395.3	2.43	0.004	78074000
800	413.1	2.28	0.004	84285000
900	411.4	1.86	0.003	83464000
1000	411.5	1.87	0.003	82683000
1100	411.8	2.05	0.004	83022000
1200	412.3	2.07	0.004	83039000
1300	409.9	1.97	0.004	82829000
1400	410.3	2.01	0.004	82329000
1500	410.7	2	0.004	82224000
1600	411	2.05	0.004	82883000
1700	380.3	1.8	0.003	76755000
1800	386.9	1.94	0.003	78113000
1900	373.8	1.83	0.003	75172000
2000	408.8	2.02	0.004	82056000
2100	410.9	2.1	0.004	83540000
2200	412.7	2.07	0.004	83232000
2300	391.2	1.92	0.003	79104000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/13/2011				
0	391.1	1.89	0.003	78593000
100	410.9	2.53	0.004	82638000
200	366.2	2.3	0.004	74781000
300	366.2	2.13	0.004	73682000
400	412.3	3.08	0.005	82401000
500	412.9	3.09	0.005	83107000
600	411	2.85	0.005	83435000
700	410.7	3.24	0.006	83699000
800	412	3.17	0.006	83543000
900	412.4	3.24	0.006	83364000
1000	412.5	3.24	0.006	83438000
1100	409.3	3.11	0.006	82762000
1200	410.2	3.1	0.005	83176000
1300	411	3.23	0.006	83163000
1400	410.9	3.52	0.006	83026000
1500	411.4	3.05	0.005	82857000
1600	411.3	3.39	0.006	83033000
1700	408.4	3.22	0.006	82573000
1800	409.4	2.96	0.005	82762000
1900	410.5	2.96	0.005	82837000
2000	410.7	3.24	0.006	83086000
2100	411.2	3.38	0.006	83487000
2200	408.5	3.19	0.006	83138000
2300	409.8	3.6	0.006	83085000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/14/2011				
0	403.9	3.93	0.007	82569000
100	388.8	3.7	0.007	78833000
200	383.2	3.67	0.006	77814000
300	383	3.72	0.007	77763000
400	383.1	3.58	0.006	77095000
500	383.1	3.72	0.007	77080000
600	383	3.71	0.007	77246000
700	383	3.77	0.006	76322000
800	382.8	4.09	0.007	76808000
900	383.1	4.11	0.007	77646000
1000	383	4.37	0.008	77628000
1100	378.5	4.43	0.008	77033000
1200	373	4.16	0.007	75592000
1300	373	4.08	0.007	75680000
1400	372.5	3.91	0.007	75932000
1500	373.2	3.88	0.007	76467000
1600	371.8	3.84	0.007	75710000
1700	362.8	3.75	0.007	74038000
1800	362.7	4.11	0.007	73670000
1900	335.6	3.5	0.006	69566000
2000	329.5	3.3	0.006	68343000
2100	215	2.29	0.004	48562000
2200	201.4	1.94	0.004	46642000
2300	201.3	1.94	0.004	46684000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/15/2011				
0	201.3	1.81	0.003	46602000
100	201.4	1.59	0.003	46686000
200	201.3	1.54	0.003	46379000
300	201.3	1.61	0.003	46317000
400	201.4	1.61	0.003	46084000
500	201.4	1.45	0.003	46364000
600	201.4	1.51	0.003	46307000
700	201.4	1.49	0.003	46185000
800	201.4	1.44	0.003	46467000
900	201.4	1.4	0.003	46480000
1000	246	1.58	0.003	52740000
1100	354.7	2.5	0.004	71351000
1200	388.1	2.65	0.005	78294000
1300	411.2	3.07	0.005	83352000
1400	382.9	2.77	0.005	78562000
1500	345.5	2.3	0.004	70951000
1600	301.8	2.25	0.004	63305000
1700	302	2.09	0.004	63851000
1800	311.2	2.21	0.004	65194000
1900	322.4	2.43	0.004	66497000
2000	345.1	2.49	0.004	70836000
2100	363	2.55	0.005	74736000
2200	362.8	2.4	0.004	74690000
2300	362.9	2.56	0.005	74595000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/16/2011				
0	362.9	2.48	0.004	74385000
100	354.2	2.56	0.005	72631000
200	337.6	2.51	0.005	69635000
300	337.5	2.5	0.005	69058000
400	337.6	2.63	0.005	69339000
500	343.4	2.55	0.005	70174000
600	403.9	3.22	0.006	78973000
700	413.4	3.15	0.005	80312000
800	413.8	3.14	0.005	81145000
900	412.8	3.14	0.005	81241000
1000	412.9	3.25	0.006	82328000
1100	411.5	2.92	0.005	81605000
1200	411.4	2.97	0.005	80779000
1300	412.3	2.95	0.005	81375000
1400	413.3	3.02	0.005	81017000
1500	413.5	2.93	0.005	81131000
1600	413.3	3.07	0.005	81380000
1700	414	3.37	0.006	81908000
1800	413.3	3.52	0.006	82616000
1900	413.6	3.48	0.006	82873000
2000	414.4	3.34	0.006	82863000
2100	412.9	3.02	0.005	82837000
2200	360.5	2.66	0.005	73341000
2300	312.6	2.27	0.004	64148000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/17/2011				
0	312.5	2.15	0.004	63269000
100	312.4	1.88	0.003	63165000
200	312.4	1.92	0.003	63038000
300	312.3	1.93	0.003	62918000
400	312.3	1.23	0.002	62738000
500	312.3	0.83	0.001	63087000
600	312.2	0.79	0.001	63212000
700	326.1	0.83	0.001	65336000
800	373.1	0.99	0.002	74496000
900	372.8	1.03	0.002	73963000
1000	373	1.02	0.002	74291000
1100	404.9	1.29	0.002	80581000
1200	413	1.31	0.002	82768000
1300	413.5	1.32	0.002	83229000
1400	413.1	1.34	0.002	83329000
1500	413.2	1.48	0.003	83163000
1600	412.9	1.37	0.002	83648000
1700	412.1	1.35	0.002	83320000
1800	411	1.37	0.002	83111000
1900	412.3	1.44	0.003	83112000
2000	412.7	1.44	0.003	83491000
2100	413.7	1.48	0.003	83754000
2200	413.8	1.42	0.002	83540000
2300	411.3	1.33	0.002	83252000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/18/2011				
0	412.3	1.38	0.002	83799000
100	413.4	1.43	0.003	83752000
200	412.3	1.46	0.003	83674000
300	412.9	1.57	0.003	83430000
400	414.1	1.84	0.003	83695000
500	414.7	1.89	0.003	83468000
600	413.7	1.52	0.003	83283000
700	411.7	1.47	0.003	82499000
800	413.3	1.52	0.003	83210000
900	412.9	1.58	0.003	83355000
1000	412.1	1.54	0.003	82741000
1100	412.4	1.66	0.003	83317000
1200	412.3	1.77	0.003	83714000
1300	410.5	1.73	0.003	82938000
1400	381.9	5.38	0.01	77407000
1500	340.2	5.1	0.009	70196000
1600	314.8	5.44	0.009	60562000
1700	300	4.82	0.008	56791000
1800	293.2	4.65	0.008	56384000
1900	276.9	4.23	0.007	53315000
2000	277	4.01	0.007	53537000
2100	273.6	3.91	0.007	53082000
2200	137.9	2.76	0.008	46706000
2300	23.6	1.43	0.005	45506000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/19/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/20/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/21/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/22/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	OFFLINE			
800	OFFLINE			
900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/23/2011				
0	OFFLINE			
100	OFFLINE			
200	OFFLINE			
300	OFFLINE			
400	OFFLINE			
500	OFFLINE			
600	OFFLINE			
700	0	0.56	0.002	35050000
800	0	0.38	0.001	41637000
900	0	0.38	0.001	41463000
1000	0	0.43	0.001	41007000
1100	0	0.48	0.002	40579000
1200	0	0.52	0.002	40235000
1300	0	0.53	0.002	40196000
1400	0	0.48	0.002	40441000
1500	0.4	0.47	0.002	37950000
1600	0	0.49	0.002	32824000
1700	0.1	0.53	0.002	43245000
1800	13.2	0.39	0.001	44578000
1900	46.5	0.34	0.001	44643000
2000	94.3	0.31	0.001	45358000
2100	135.9	0.3	0.001	45373000
2200	229.1	0.36	0.001	51569000
2300	300.4	0.43	0.001	60090000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/24/2011				
0	398	0.57	0.001	75017000
100	404.7	0.6	0.001	75074000
200	403.8	0.61	0.001	74914000
300	404	0.63	0.001	73976000
400	408.8	0.68	0.001	71301000
500	409.7	0.73	0.001	76637000
600	409.9	0.8	0.001	78139000
700	409.9	0.83	0.001	78175000
800	407.3	0.85	0.001	77557000
900	409.5	0.88	0.002	77617000
1000	410.8	0.92	0.002	77787000
1100	410.7	0.97	0.002	78344000
1200	411.6	0.99	0.002	79153000
1300	409.3	1	0.002	79140000
1400	410.2	1.02	0.002	79222000
1500	410.9	1.05	0.002	78745000
1600	411.4	1.08	0.002	79304000
1700	411.1	1.1	0.002	79635000
1800	412.2	1.13	0.002	80045000
1900	410.3	1.14	0.002	79435000
2000	412.1	1.12	0.002	79712000
2100	412.6	1.09	0.002	80862000
2200	412.2	1.14	0.002	80656000
2300	410.3	1.12	0.002	79894000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/25/2011				
0	411.3	1.12	0.002	79940000
100	412.1	1.14	0.002	79985000
200	411.9	1.17	0.002	79765000
300	381.3	1.11	0.002	74208000
400	372.7	1.05	0.002	72449000
500	372.8	1.04	0.002	72831000
600	385.4	1.05	0.002	75675000
700	406.3	1.09	0.002	79218000
800	412.7	1.11	0.002	80126000
900	412.1	1.11	0.002	80029000
1000	411.5	1.12	0.002	79769000
1100	412.7	1.14	0.002	79790000
1200	412	1.15	0.002	79982000
1300	410.7	1.13	0.002	79240000
1400	412.3	1.15	0.002	79841000
1500	411.9	1.16	0.002	80049000
1600	410.7	1.17	0.002	79309000
1700	412.4	1.13	0.002	79606000
1800	413.3	1.15	0.002	80739000
1900	411.3	1.14	0.002	80013000
2000	413.1	1.15	0.002	79852000
2100	414.2	1.17	0.002	80657000
2200	412.5	1.17	0.002	80428000
2300	412.9	1.17	0.002	79848000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/26/2011				
0	414.3	1.18	0.002	80559000
100	414.6	1.2	0.002	80503000
200	411.9	1.18	0.002	80242000
300	413.2	1.18	0.002	79540000
400	414.3	1.2	0.002	80190000
500	413.9	1.22	0.002	80614000
600	413.3	1.24	0.002	80774000
700	413.3	1.25	0.002	80553000
800	413.3	1.26	0.002	80488000
900	413.4	1.25	0.002	80181000
1000	411.6	1.26	0.002	80059000
1100	413.8	1.25	0.002	79780000
1200	413.8	1.25	0.002	79861000
1300	413.4	1.28	0.002	80457000
1400	412	1.26	0.002	80212000
1500	413.3	1.27	0.002	79593000
1600	414	1.29	0.002	79976000
1700	413.7	1.3	0.002	79847000
1800	413.4	1.33	0.002	79819000
1900	413.3	1.34	0.002	80405000
2000	413	1.34	0.002	80821000
2100	412.7	1.32	0.002	80047000
2200	413.8	1.32	0.002	80416000
2300	388.4	1.28	0.002	75789000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	$\mu g/m^3$	lb/mmBtu	scfh
06/27/2011				
0	388.1	1.25	0.002	74821000
100	361.7	1.22	0.002	70654000
200	342.4	1.14	0.002	67238000
300	342.6	1.11	0.002	66805000
400	343.7	1.1	0.002	66953000
500	404.1	1.23	0.002	77724000
600	412.4	1.28	0.002	79734000
700	413.2	1.28	0.002	79337000
800	413.9	1.32	0.002	79557000
900	415.6	1.37	0.002	80545000
1000	414.9	1.39	0.002	80704000
1100	412.8	1.4	0.002	80082000
1200	413.4	1.4	0.002	79748000
1300	415.8	1.39	0.002	80548000
1400	416.5	1.39	0.002	80576000
1500	415.9	1.39	0.002	80506000
1600	414	1.44	0.003	80205000
1700	414.8	1.44	0.002	79996000
1800	413.5	1.45	0.003	80252000
1900	412.9	1.43	0.002	80177000
2000	412.4	1.38	0.002	79336000
2100	413.7	1.39	0.002	79494000
2200	413.2	1.4	0.002	79241000
2300	386.6	1.38	0.002	74695000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/28/2011				
0	372.4	1.36	0.002	72309000
100	274.7	1.26	0.002	56027000
200	256.4	1.17	0.002	53817000
300	256.6	1.12	0.002	53261000
400	319	1.11	0.002	63345000
500	400.1	1.23	0.002	76526000
600	410.1	1.24	0.002	78272000
700	410	1.25	0.002	78206000
800	409.2	1.26	0.002	77827000
900	408.7	1.26	0.002	77568000
1000	409.7	1.27	0.002	77945000
1100	409.1	1.27	0.002	77941000
1200	409	1.29	0.002	78259000
1300	407.7	1.3	0.002	77842000
1400	408.5	1.31	0.002	77565000
1500	409.5	1.29	0.002	77770000
1600	410.3	1.26	0.002	78390000
1700	411	1.28	0.002	78926000
1800	411.4	1.29	0.002	78779000
1900	412.1	1.3	0.002	78907000
2000	399.8	1.37	0.002	77801000
2100	365.1	1.22	0.002	68537000
2200	411.7	1.27	0.002	78981000
2300	412.5	1.28	0.002	78925000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/29/2011				
0	410.4	1.29	0.002	78598000
100	377.8	1.24	0.002	72226000
200	372.7	1.22	0.002	71095000
300	372.6	1.19	0.002	71238000
400	374.4	1.19	0.002	70956000
500	411	1.25	0.002	77945000
600	412.2	1.27	0.002	78162000
700	412.6	1.3	0.002	78814000
800	411.6	1.3	0.002	78703000
900	410.7	1.34	0.002	77536000
1000	411.4	1.35	0.002	78251000
1100	411.8	1.37	0.002	78000000
1200	411.9	1.39	0.002	78370000
1300	411.1	1.37	0.002	78680000
1400	410	1.33	0.002	77771000
1500	411.2	1.35	0.002	77677000
1600	411.6	1.4	0.002	78557000
1700	412.1	1.39	0.002	78436000
1800	412.5	1.41	0.002	78887000
1900	412.6	1.42	0.002	79438000
2000	410.1	1.39	0.002	79216000
2100	411.3	1.41	0.002	78627000
2200	412.6	1.42	0.002	79199000
2300	413.2	1.44	0.002	79342000

Tampa Electric Company				
Unit 3 PM CEMs				
Time	Load	Dust	Dust	Flow
	MW	µg/m^3	lb/mmBtu	scfh
06/30/2011				
0	408.2	1.44	0.002	78927000
100	363.1	1.33	0.002	70012000
200	362.5	1.27	0.002	70150000
300	362.6	1.26	0.002	70525000
400	362.7	1.24	0.002	70569000
500	394.3	1.31	0.002	76089000
600	412.7	1.31	0.002	78597000
700	413.3	1.32	0.002	78648000
800	413.4	1.33	0.002	78784000
900	412.8	1.36	0.002	79426000
1000	412	1.33	0.002	78264000
1100	413.6	1.33	0.002	78480000
1200	413.6	1.33	0.002	78565000
1300	413.3	1.31	0.002	79478000
1400	411.6	1.29	0.002	78798000
1500	413.2	1.25	0.002	78592000
1600	412.6	1.21	0.002	79721000
1700	413.1	1.15	0.002	79796000
1800	413.1	1.22	0.002	79917000
1900	413.2	1.17	0.002	80377000
2000	411.3	1.13	0.002	79538000
2100	411.7	1.08	0.002	79195000
2200	412.5	1.01	0.002	79307000
2300	413.1	0.92	0.002	79357000