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RESOURCE MANAGEMENT

October 30, 2012

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. 7939 5196 0469**

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. 7939 5199 4754**

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. 7939 5198 1320**

**Re: Tampa Electric Company  
Consent Decree  
Civil Action No. 99-2524 CIV-T-23F  
Submission of Quarterly Report -  
Third Quarter 2012**

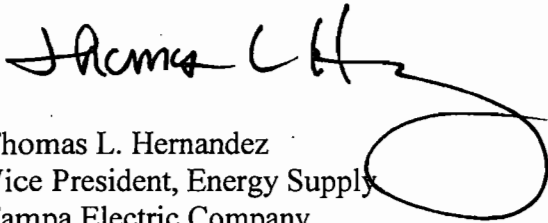
Dear Mr. Gelber, Mr. Kushner and Mr. Palmer:

Please find enclosed the report addressing Tampa Electric Company's activities related to the EPA Consent Decree for the Third Quarter of 2012.

Mr. Bruce Gelber - Chief  
Mr. Adam Kushner - Director  
Mr. James I. Palmer Jr. - Regional Administrator  
October 30, 2012  
Page 2 of 2

If you have any questions, please feel free to telephone Byron Burrows or me at (813) 228-1282.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas L. Hernandez". The signature is written in a cursive style with a large, circular flourish at the end. The signature is positioned above the typed name and title.

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

EHS/rjm/RAV171 ConsentDecree3rdQtrRpt12

Enclosures

c/enc: Whitney Schmidt (US Attorney)  
Danielle Henry (FDEP - SW)  
Jason Waters (EPCHC)  
Jeffery Koerner (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 September 30, 2012.

#### **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 3, 2012 because the requirements of the paragraph were not 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 3, 2012, 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 3, 2012, Big Bend Units 1, 2, and 3 would have experienced 47 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 3, 2012, Big Bend Units 1, 2, and 3 experienced no unscrubbed operating days. Therefore, Tampa Electric can reasonably estimate that 134 combined equivalent operating days of unscrubbed operation were avoided in 2012, as a result of implementing the approved scrubber optimization plan. Therefore, Tampa Electric can reasonably estimate that a total of 1,823 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<sub>x</sub> reduction goals pursuant to Paragraph 35:

**RESPONSE:** On February 23, 2001 Tampa Electric submitted the Early NO<sub>x</sub> 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<sub>x</sub> emissions were evaluated. On December 13, 2001, Tampa Electric submitted a report to EPA detailing the effectiveness of each technology in reducing NO<sub>x</sub> emissions from each boiler. Based on the results of the evaluation, Tampa Electric installed low NO<sub>x</sub> burners of similar design on Big Bend Units 2 and 3. Tampa Electric has since optimized the low NO<sub>x</sub> burners on Big Bend Units 1 and 2 and continues to optimize the low NO<sub>x</sub> 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<sub>x</sub> 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<sub>x</sub> 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<sub>x</sub> 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 NO<sub>x</sub>. 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 in accordance with subparagraph 32.E of the Consent Decree.

During Quarter 3, 2012, 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, 2012.

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 2<sup>nd</sup> Amendment to the Consent Decree was published in the Federal Register on April 24, 2008. No public comments were received and the 2<sup>nd</sup> Amendment was signed on June 12, 2009.

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. On January 12, 2009, TEC submitted a letter to the EPA requesting the ability to discontinue operation pending the installation and certification of the 2<sup>nd</sup> 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 2<sup>nd</sup> 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 2<sup>nd</sup> 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<sub>x</sub> 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 NO<sub>x</sub> emission rate from Big Bend Unit 4 is included in Attachment 4.

2. Report on progress and results of NO<sub>x</sub> 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<sub>x</sub> 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 NO<sub>x</sub> burners as a comprehensive NO<sub>x</sub> control project in accordance with

Paragraph 52.C. On November 21, 2008, TEC submitted the Big Bend Station Unit 4 Consent Decree NO<sub>x</sub> Reduction Results Report outlining the early NO<sub>x</sub> 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<sub>x</sub> Reduction Program at Big Bend Station. Tampa Electric has met the requirements for the NO<sub>x</sub> 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<sub>2</sub> or NO<sub>x</sub> emission allowance during the calendar quarter, including an explanation of why such use is not prohibited by Paragraph 46.

**RESPONSE:** Tampa Electric did not sell any SO<sub>2</sub> emission allowances during the calendar quarter. Selling of SO<sub>2</sub> 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<sub>x</sub> 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, 2012 and their approximate costs.

**Table 3**

Project		Approximate Cost [ \$ x 1,000]
BB2 CLASSIFIERS REPLACEMENT	(closed)	\$2,245
BB2 MILL INLET CHUTES REPLACEMENT	(closed)	\$554
BB2 PRIMARY SUPERHEATER PARTIAL RPL	(closed)	\$1,177
BB2 PANTLEGS & BURNER NOZZLES RPLC	(closed)	\$659
BB2 Pulvrzr Trunnion Scroll Linr Rp	(closed)	\$616
BB2 2ND RADIANT TUBE REPLACEMENT	(closed)	\$656
BB3 Slag Tank Necks	(closed)	\$593
BB2 EXCITER REWIND	(closed)	\$1,468
BB4 4A CIRCULATOR SHAFT REPLACEMENT	(closed)	\$278
BB Limestone Storage Building Roof	(closed)	\$628
BBC T1 TO W1 CHUTE REPLACEMENT	(closed)	\$310
BB2 AIR PREHEATER COLD END BSKT RPL	(closed)	\$1,032
BB3 Coal Crushers & Motors (B1772/Q	(open)	\$304
BB1 Boiler Feed Pump Turbine Rplc	(open)	\$374
BB3 Precipitator Upgrade-ECRC	(open)	\$424

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 3, 2012**

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 SO<sub>2</sub> 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
7/1/2012	24	24	24	24	96	97
7/2/2012	24	24	24	24	95	97
7/3/2012	24	24	24	24	96	97
7/4/2012	24	24	24	24	97	97
7/5/2012	24	24	24	24	96	97
7/6/2012	24	24	24	24	97	97
7/7/2012	24	24	24	24	95	97
7/8/2012	24	24	24	24	95	97
7/9/2012	24	24	24	24	96	96
7/10/2012	24	24	24	24	96	96
7/11/2012	24	24	24	24	96	96
7/12/2012	24	24	24	24	96	96
7/13/2012	24	24	24	24	97	96
7/14/2012	24	24	24	24	96	96
7/15/2012	24	24	24	24	96	96
7/16/2012	24	24	24	24	96	96
7/17/2012	24	24	24	24	96	96
7/18/2012	24	24	24	24	97	96
7/19/2012	2	2	24	24	98	96
7/20/2012	0	0	24	24	98	96
7/21/2012	0	0	24	24	99	96
7/22/2012	0	0	24	24	99	96
7/23/2012	8	8	24	24	98	96
7/24/2012	24	24	24	24	96	96
7/25/2012	24	24	24	24	96	96
7/26/2012	24	24	24	24	96	96
7/27/2012	24	24	24	24	97	96
7/28/2012	24	24	24	24	96	96
7/29/2012	24	24	24	24	96	96
7/30/2012	24	24	0	0	97	96
7/31/2012	24	24	0	0	97	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
8/1/2012	24	24	0	0	97	97
8/2/2012	24	24	0	0	97	97
8/3/2012	24	24	0	0	97	97
8/4/2012	24	24	0	0	97	97
8/5/2012	24	24	10	10	96	97
8/6/2012	24	24	24	24	96	97
8/7/2012	24	24	24	24	96	97
8/8/2012	24	24	24	24	95	97
8/9/2012	24	24	24	24	96	97
8/10/2012	24	24	24	24	96	97
8/11/2012	24	24	24	24	96	97
8/12/2012	24	24	24	24	96	97
8/13/2012	24	24	24	24	96	97
8/14/2012	24	24	24	24	97	97
8/15/2012	24	24	24	24	96	97
8/16/2012	24	23	24	23	95	97
8/17/2012	24	24	24	24	96	97
8/18/2012	16	16	24	24	96	97
8/19/2012	0	0	24	24	97	97
8/20/2012	0	0	24	24	97	96
8/21/2012	0	0	24	24	97	96
8/22/2012	0	0	24	24	97	96
8/23/2012	0	0	24	24	97	96
8/24/2012	0	0	24	24	97	96
8/25/2012	13	13	24	24	96	96
8/26/2012	24	24	24	24	95	96
8/27/2012	24	24	24	24	95	96
8/28/2012	24	24	24	24	95	96
8/29/2012	24	24	24	24	96	96
8/30/2012	24	24	24	24	95	96
8/31/2012	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
9/1/2012	24	24	24	24	96	96
9/2/2012	24	24	24	24	95	96
9/3/2012	24	24	24	24	96	96
9/4/2012	8	8	24	24	97	96
9/5/2012	0	0	24	24	98	96
9/6/2012	0	0	24	24	98	96
9/7/2012	0	0	24	24	98	96
9/8/2012	5	5	24	24	97	96
9/9/2012	24	24	24	24	95	96
9/10/2012	24	24	24	24	96	96
9/11/2012	24	24	24	24	97	96
9/12/2012	24	24	24	24	96	96
9/13/2012	24	24	22	22	95	96
9/14/2012	24	24	0	0	96	96
9/15/2012	24	24	0	0	98	96
9/16/2012	24	24	0	0	98	96
9/17/2012	24	24	1	1	97	97
9/18/2012	24	24	24	24	95	96
9/19/2012	24	24	24	24	96	96
9/20/2012	24	24	24	24	96	96
9/21/2012	24	24	24	24	96	96
9/22/2012	24	24	11	11	97	96
9/23/2012	24	24	0	0	98	96
9/24/2012	24	24	11	11	98	96
9/25/2012	24	24	0	0	98	96
9/26/2012	24	24	0	0	98	97
9/27/2012	24	24	0	0	98	97
9/28/2012	24	24	0	0	98	97
9/29/2012	24	24	0	0	97	97
9/30/2012	24	24	0	0	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	Comments
7/1/2012	0.09	0.087	
7/2/2012	0.09	0.087	
7/3/2012	0.09	0.087	
7/4/2012	0.09	0.087	
7/5/2012	0.10	0.088	
7/6/2012	0.12	0.089	
7/7/2012	0.12	0.090	
7/8/2012	0.13	0.092	
7/9/2012	0.11	0.093	
7/10/2012	0.08	0.092	
7/11/2012	0.09	0.092	
7/12/2012	0.08	0.091	
7/13/2012	0.08	0.090	
7/14/2012	0.08	0.090	
7/15/2012	0.08	0.090	
7/16/2012	0.08	0.090	
7/17/2012	0.08	0.090	
7/18/2012	0.08	0.090	
7/19/2012	0.08	0.090	BB1 offline 0213
7/20/2012		0.090	BB1 offline
7/21/2012		0.090	BB1 offline
7/22/2012		0.090	BB1 offline
7/23/2012	0.11	0.090	BB1 online 1514
7/24/2012	0.08	0.090	
7/25/2012	0.08	0.090	
7/26/2012	0.08	0.090	
7/27/2012	0.08	0.090	
7/28/2012	0.08	0.090	
7/29/2012	0.08	0.090	
7/30/2012	0.08	0.090	
7/31/2012	0.08	0.090	

Tampa Electric Company			
Unit 1 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	Comments
8/1/2012	0.08	0.090	
8/2/2012	0.08	0.090	
8/3/2012	0.08	0.090	
8/4/2012	0.08	0.090	
8/5/2012	0.09	0.090	
8/6/2012	0.08	0.090	
8/7/2012	0.09	0.089	
8/8/2012	0.08	0.088	
8/9/2012	0.08	0.086	
8/10/2012	0.08	0.085	
8/11/2012	0.08	0.084	
8/12/2012	0.08	0.084	
8/13/2012	0.08	0.083	
8/14/2012	0.08	0.083	
8/15/2012	0.08	0.083	
8/16/2012	0.08	0.084	
8/17/2012	0.08	0.084	
8/18/2012	0.08	0.084	BB1 Offline 1615
8/19/2012		0.084	BB1 offline
8/20/2012		0.084	BB1 offline
8/21/2012		0.084	BB1 offline
8/22/2012		0.084	BB1 offline
8/23/2012		0.084	BB1 offline
8/24/2012		0.084	BB1 offline
8/25/2012	0.09	0.084	BB1 online 1039
8/26/2012	0.08	0.084	
8/27/2012	0.08	0.084	
8/28/2012	0.08	0.084	
8/29/2012	0.08	0.084	
8/30/2012	0.09	0.084	
8/31/2012	0.13	0.086	

Tampa Electric Company			
Unit 1 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	Comments
9/1/2012	0.10	0.086	
9/2/2012	0.14	0.089	
9/3/2012	0.09	0.089	
9/4/2012	0.09	0.089	BB1 offline 0845
9/5/2012		0.089	BB1 offline
9/6/2012		0.089	BB1 offline
9/7/2012		0.089	BB1 offline
9/8/2012	0.13	0.089	BB1 online 1809
9/9/2012	0.10	0.090	
9/10/2012	0.09	0.090	
9/11/2012	0.13	0.092	
9/12/2012	0.09	0.092	
9/13/2012	0.08	0.092	
9/14/2012	0.08	0.092	
9/15/2012	0.08	0.092	
9/16/2012	0.08	0.092	
9/17/2012	0.09	0.092	
9/18/2012	0.09	0.093	
9/19/2012	0.09	0.093	
9/20/2012	0.11	0.094	
9/21/2012	0.09	0.094	
9/22/2012	0.17	0.096	
9/23/2012	0.10	0.097	
9/24/2012	0.09	0.097	
9/25/2012	0.08	0.097	
9/26/2012	0.08	0.098	
9/27/2012	0.08	0.097	
9/28/2012	0.08	0.098	
9/29/2012	0.08	0.098	
9/30/2012	0.08	0.098	



**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	Comments
7/1/2012	0.09	0.084	
7/2/2012	0.09	0.084	
7/3/2012	0.09	0.084	
7/4/2012	0.09	0.084	
7/5/2012	0.10	0.085	
7/6/2012	0.12	0.087	
7/7/2012	0.12	0.088	
7/8/2012	0.13	0.090	
7/9/2012	0.11	0.091	
7/10/2012	0.08	0.091	
7/11/2012	0.09	0.091	
7/12/2012	0.08	0.091	
7/13/2012	0.08	0.090	
7/14/2012	0.08	0.090	
7/15/2012	0.08	0.090	
7/16/2012	0.08	0.089	
7/17/2012	0.08	0.089	
7/18/2012	0.08	0.089	
7/19/2012	0.09	0.089	
7/20/2012	0.08	0.089	
7/21/2012	0.08	0.089	
7/22/2012	0.08	0.090	
7/23/2012	0.10	0.090	
7/24/2012	0.08	0.090	
7/25/2012	0.08	0.090	
7/26/2012	0.08	0.090	
7/27/2012	0.08	0.090	
7/28/2012	0.08	0.090	
7/29/2012	0.08	0.090	BB2 offline 2353
7/30/2012		0.090	BB2 offline
7/31/2012		0.090	BB2 offline

Tampa Electric Company			
Unit 2 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	Comments
8/1/2012		0.090	BB2 offline
8/2/2012		0.090	BB2 offline
8/3/2012		0.090	BB2 offline
8/4/2012		0.090	BB2 offline
8/5/2012	0.09	0.090	BB2 online 1323
8/6/2012	0.08	0.090	
8/7/2012	0.09	0.090	
8/8/2012	0.08	0.090	
8/9/2012	0.08	0.090	
8/10/2012	0.08	0.089	
8/11/2012	0.08	0.088	
8/12/2012	0.08	0.086	
8/13/2012	0.08	0.085	
8/14/2012	0.08	0.084	
8/15/2012	0.08	0.084	
8/16/2012	0.08	0.084	
8/17/2012	0.08	0.084	
8/18/2012	0.08	0.084	
8/19/2012	0.08	0.084	
8/20/2012	0.08	0.084	
8/21/2012	0.08	0.084	
8/22/2012	0.09	0.084	
8/23/2012	0.09	0.084	
8/24/2012	0.09	0.084	NOx/CO2/SO2 Monitors out for linearity 9-1159
8/25/2012	0.09	0.084	
8/26/2012	0.08	0.084	
8/27/2012	0.08	0.084	
8/28/2012	0.08	0.084	NOx/SO2/CO2 monitors out for linearity 0900-0959
8/29/2012	0.08	0.084	
8/30/2012	0.09	0.084	
8/31/2012	0.13	0.086	

Tampa Electric Company			
Unit 2 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	Comments
9/1/2012	0.10	0.087	
9/2/2012	0.14	0.089	
9/3/2012	0.09	0.089	
9/4/2012	0.09	0.089	
9/5/2012	0.09	0.089	
9/6/2012	0.09	0.089	
9/7/2012	0.09	0.090	
9/8/2012	0.10	0.090	
9/9/2012	0.10	0.091	
9/10/2012	0.09	0.091	
9/11/2012	0.13	0.093	
9/12/2012	0.09	0.093	
9/13/2012	0.08	0.093	BB2 offline 2203
9/14/2012		0.093	BB2 offline
9/15/2012		0.093	BB2 offline
9/16/2012		0.093	BB2 offline
9/17/2012	0.11	0.094	BB2 online 2246
9/18/2012	0.09	0.094	
9/19/2012	0.09	0.094	
9/20/2012	0.11	0.095	
9/21/2012	0.09	0.095	
9/22/2012	0.14	0.096	BB2 offline 1130
9/23/2012		0.096	BB2 offline
9/24/2012	0.09	0.096	BB2 Online 0016; BB2 offline 1240
9/25/2012		0.096	BB2 Offline
9/26/2012		0.096	BB2 Offline
9/27/2012		0.096	BB2 Offline
9/28/2012		0.096	BB2 Offline
9/29/2012		0.096	BB2 Offline
9/30/2012		0.096	BB2 Offline

**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
7/1/2012	20	20	100	98
7/2/2012	0	0	0	98
7/3/2012	0	0	0	98
7/4/2012	0	0	0	98
7/5/2012	0	0	0	98
7/6/2012	0	0	0	98
7/7/2012	0	0	0	98
7/8/2012	0	0	0	98
7/9/2012	0	0	0	98
7/10/2012	0	0	0	98
7/11/2012	0	0	0	98
7/12/2012	0	0	0	98
7/13/2012	5	5	99	98
7/14/2012	24	24	99	98
7/15/2012	24	24	99	98
7/16/2012	24	24	99	98
7/17/2012	24	24	99	98
7/18/2012	24	24	99	98
7/19/2012	24	24	99	98
7/20/2012	24	24	99	98
7/21/2012	24	24	99	98
7/22/2012	24	24	99	98
7/23/2012	24	24	99	99
7/24/2012	24	24	98	99
7/25/2012	24	24	99	99
7/26/2012	24	24	98	99
7/27/2012	24	24	98	99
7/28/2012	24	24	98	98
7/29/2012	24	24	98	98
7/30/2012	24	24	99	98
7/31/2012	24	24	99	99

DATE	Unit 3 OnLine	Unit 3 Scrubbed Hours	Unit 3 Daily % Rem Eff	Unit 3 30 Day % Rem Eff
8/1/2012	24	24	99	99
8/2/2012	24	24	98	99
8/3/2012	24	24	97	99
8/4/2012	24	24	98	99
8/5/2012	24	24	97	99
8/6/2012	24	24	97	99
8/7/2012	24	24	96	99
8/8/2012	24	24	97	98
8/9/2012	24	24	99	98
8/10/2012	24	24	99	98
8/11/2012	24	24	99	98
8/12/2012	24	24	98	98
8/13/2012	24	24	98	98
8/14/2012	11	11	98	98
8/15/2012	0	0	0	98
8/16/2012	0	0	0	98
8/17/2012	0	0	0	98
8/18/2012	10	10	95	98
8/19/2012	24	24	99	98
8/20/2012	24	24	98	98
8/21/2012	24	24	98	98
8/22/2012	24	24	97	98
8/23/2012	24	24	97	98
8/24/2012	24	24	97	98
8/25/2012	24	24	97	98
8/26/2012	24	24	97	98
8/27/2012	24	24	98	98
8/28/2012	24	24	98	98
8/29/2012	24	24	98	98
8/30/2012	24	24	98	98
8/31/2012	24	24	98	98



DATE	Unit 3 OnLine	Unit 3 Scrubbed Hours	Unit 3 Daily % Rem Eff	Unit 3 30 Day % Rem Eff
9/1/2012	24	24	98	98
9/2/2012	24	24	97	98
9/3/2012	24	24	97	98
9/4/2012	24	24	97	98
9/5/2012	24	24	98	98
9/6/2012	24	24	97	98
9/7/2012	24	24	97	98
9/8/2012	24	24	98	98
9/9/2012	24	24	98	98
9/10/2012	24	24	98	98
9/11/2012	24	24	97	98
9/12/2012	24	24	97	98
9/13/2012	24	24	94	97
9/14/2012	24	24	97	97
9/15/2012	24	24	97	97
9/16/2012	24	24	97	97
9/17/2012	24	24	96	97
9/18/2012	24	24	97	97
9/19/2012	24	24	99	97
9/20/2012	24	24	97	97
9/21/2012	24	24	98	97
9/22/2012	24	24	96	97
9/23/2012	24	24	98	97
9/24/2012	24	24	98	97
9/25/2012	24	24	97	97
9/26/2012	24	24	96	97
9/27/2012	24	24	97	97
9/28/2012	24	24	96	97
9/29/2012	24	24	96	97
9/30/2012	24	24	96	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	Comments
7/1/2012	0.08	0.089	BB3 offline 2020
7/2/2012		0.089	BB3 offline
7/3/2012		0.089	BB3 offline
7/4/2012		0.089	BB3 offline
7/5/2012		0.089	BB3 offline
7/6/2012		0.089	BB3 offline
7/7/2012		0.089	BB3 offline
7/8/2012		0.089	BB3 offline
7/9/2012		0.089	BB3 offline
7/10/2012		0.089	BB3 offline
7/11/2012		0.089	BB3 offline
7/12/2012		0.089	BB3 offline
7/13/2012	0.20	0.090	BB3 online 1844
7/14/2012	0.09	0.090	
7/15/2012	0.08	0.090	
7/16/2012	0.08	0.090	
7/17/2012	0.08	0.090	
7/18/2012	0.08	0.090	
7/19/2012	0.08	0.089	
7/20/2012	0.08	0.089	
7/21/2012	0.08	0.089	
7/22/2012	0.08	0.089	
7/23/2012	0.09	0.089	
7/24/2012	0.09	0.089	
7/25/2012	0.08	0.089	
7/26/2012	0.08	0.089	
7/27/2012	0.08	0.089	
7/28/2012	0.09	0.089	
7/29/2012	0.08	0.089	
7/30/2012	0.08	0.089	
7/31/2012	0.08	0.088	

Tampa Electric Company			
Unit 3 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	Comments
8/1/2012	0.08	0.089	
8/2/2012	0.08	0.088	
8/3/2012	0.08	0.088	
8/4/2012	0.08	0.086	
8/5/2012	0.08	0.085	
8/6/2012	0.08	0.084	
8/7/2012	0.08	0.084	
8/8/2012	0.08	0.085	
8/9/2012	0.08	0.085	
8/10/2012	0.08	0.085	
8/11/2012	0.08	0.085	
8/12/2012	0.08	0.084	
8/13/2012	0.08	0.084	
8/14/2012	0.08	0.084	BB3 offline 1138
8/15/2012		0.084	BB3 offline
8/16/2012		0.084	BB3 offline
8/17/2012		0.084	BB3 offline
8/18/2012	0.20	0.086	BB3 online 1346
8/19/2012	0.08	0.086	
8/20/2012	0.08	0.086	
8/21/2012	0.08	0.086	
8/22/2012	0.09	0.086	
8/23/2012	0.14	0.088	
8/24/2012	0.08	0.088	
8/25/2012	0.08	0.088	
8/26/2012	0.08	0.088	
8/27/2012	0.08	0.088	
8/28/2012	0.08	0.088	
8/29/2012	0.08	0.088	
8/30/2012	0.08	0.088	
8/31/2012	0.08	0.088	

Tampa Electric Company			
Unit 3 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	Comments
9/1/2012	0.08	0.088	
9/2/2012	0.08	0.088	
9/3/2012	0.08	0.088	
9/4/2012	0.08	0.088	
9/5/2012	0.08	0.088	
9/6/2012	0.08	0.088	
9/7/2012	0.08	0.088	
9/8/2012	0.09	0.088	
9/9/2012	0.08	0.088	
9/10/2012	0.08	0.088	
9/11/2012	0.08	0.088	
9/12/2012	0.08	0.088	
9/13/2012	0.08	0.088	
9/14/2012	0.08	0.088	
9/15/2012	0.08	0.088	
9/16/2012	0.08	0.088	
9/17/2012	0.08	0.086	
9/18/2012	0.09	0.086	
9/19/2012	0.28	0.090	
9/20/2012	0.10	0.090	
9/21/2012	0.08	0.090	
9/22/2012	0.08	0.088	
9/23/2012	0.08	0.088	
9/24/2012	0.08	0.088	
9/25/2012	0.08	0.088	
9/26/2012	0.08	0.088	
9/27/2012	0.11	0.089	
9/28/2012	0.08	0.089	
9/29/2012	0.08	0.089	
9/30/2012	0.08	0.089	

**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	Comments
7/1/2012	0.07	0.081	
7/2/2012	0.06	0.080	
7/3/2012	0.05	0.078	
7/4/2012	0.07	0.077	
7/5/2012	0.07	0.077	
7/6/2012	0.07	0.076	
7/7/2012	0.07	0.075	
7/8/2012	0.07	0.074	
7/9/2012	0.07	0.073	
7/10/2012	0.07	0.073	
7/11/2012	0.07	0.073	Flow Monitor O/S for Maintenance 0919-1055
7/12/2012	0.09	0.072	BB4 offline 1159
7/13/2012		0.072	BB4 offline
7/14/2012		0.072	BB4 offline
7/15/2012		0.072	BB4 offline
7/16/2012		0.072	BB4 offline
7/17/2012		0.072	BB4 offline
7/18/2012		0.072	BB4 offline
7/19/2012	0.09	0.073	BB4 online 1010
7/20/2012	0.08	0.073	
7/21/2012	0.08	0.074	
7/22/2012	0.08	0.074	
7/23/2012	0.08	0.074	
7/24/2012	0.08	0.074	BBB4 offline 0809
7/25/2012		0.074	BBB4 offline
7/26/2012	0.29	0.074	BB4 online 2140
7/27/2012	0.08	0.074	
7/28/2012	0.08	0.075	
7/29/2012	0.08	0.075	Flow monitor failed calibration 0634-0827
7/30/2012	0.08	0.075	
7/31/2012	0.08	0.075	



Tampa Electric Company			
Unit 4 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	Comments
8/1/2012	0.08	0.075	
8/2/2012	0.08	0.075	
8/3/2012	0.08	0.075	
8/4/2012	0.08	0.075	
8/5/2012	0.08	0.075	Flow Code 11-C failed calibration 0634-1048
8/6/2012	0.08	0.076	Flow Code 11-D Maintenance 1033-1232
8/7/2012	0.08	0.076	
8/8/2012	0.07	0.076	
8/9/2012	0.08	0.077	
8/10/2012	0.08	0.078	
8/11/2012	0.08	0.078	
8/12/2012	0.08	0.078	
8/13/2012	0.08	0.078	
8/14/2012	0.08	0.078	
8/15/2012	0.08	0.079	
8/16/2012	0.08	0.079	
8/17/2012	0.06	0.078	NOx out of service 1200-1659
8/18/2012	0.07	0.078	
8/19/2012	0.07	0.078	
8/20/2012	0.08	0.078	SO2/CO2 Code 6_I; NOx Code 11-I Linearity 1000-105
8/21/2012	0.08	0.078	
8/22/2012	0.08	0.078	
8/23/2012	0.08	0.078	SO2/CO2 Code 6_I; NOx Code 11-I linearity 0800-0859
8/24/2012	0.08	0.078	
8/25/2012	0.08	0.078	NOx code 11; CO2 Code 14; O/S 2133-0553
8/26/2012	0.08	0.078	NOx code 11; CO2 Code 14 BB4 O/S 2133-0553
8/27/2012	0.08	0.078	
8/28/2012	0.08	0.078	
8/29/2012	0.08	0.078	
8/30/2012	0.08	0.078	
8/31/2012	0.08	0.078	

Tampa Electric Company			
Unit 4 NOx 30 Day Rolling Consent Decree Report			
Date	Daily NOx lb/mmbtu	30-Day Rolling NOx lb/mmbtu	Comments
9/1/2012	0.08	0.078	
9/2/2012	0.08	0.078	
9/3/2012	0.08	0.078	
9/4/2012	0.08	0.078	
9/5/2012	0.08	0.078	
9/6/2012	0.08	0.078	
9/7/2012	0.08	0.078	
9/8/2012	0.08	0.078	
9/9/2012	0.08	0.078	NOx Code 11 0000-0059
9/10/2012	0.08	0.078	
9/11/2012	0.08	0.078	
9/12/2012	0.07	0.078	
9/13/2012	0.08	0.078	NOx Code 11 O/S out 2348-0042; 2200-2359
9/14/2012	0.08	0.078	NOx Code 11 NOx SO2 OOS 0000-0059
9/15/2012	0.08	0.079	
9/16/2012	0.08	0.079	
9/17/2012	0.08	0.080	
9/18/2012	0.07	0.080	BB4 offline 0138
9/19/2012		0.080	BB4 offline
9/20/2012	0.10	0.080	BB4 online 0249
9/21/2012	0.08	0.080	
9/22/2012	0.08	0.080	
9/23/2012	0.08	0.080	
9/24/2012	0.08	0.080	
9/25/2012	0.08	0.080	
9/26/2012	0.08	0.080	BB4 offline 2016
9/27/2012		0.080	BB4 offline
9/28/2012		0.080	
9/29/2012		0.080	
9/30/2012		0.080	

**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  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:48:10

Reporting Period  
Day: 07/01/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	204.3	0.45	0.001	50397000
0100	204.7	0.44	0.001	50925000
0200	203.8	0.44	0.001	52221000
0300	204.2	0.40	0.001	52401000
0400	203.6	0.39	0.001	51940000
0500	203.7	0.38	0.001	52475000
0600	204.0	0.37	0.001	52693000
0700	204.1	0.38	0.001	52218000
0800	203.7	0.37	0.001	52328000
0900	203.7	0.35	0.001	51927000
1000	202.7	0.37	0.001	52275000
1100	203.3	0.37	0.001	52528000
1200	203.7	0.36	0.001	52892000
1300	204.5	0.36	0.001	52533000
1400	204.5	0.36	0.001	53488000
1500	203.6	0.36	0.001	52452000
1600	203.1	0.35	0.001	52797000
1700	202.9	0.35	0.001	52682000
1800	203.4	0.35	0.001	53225000
1900	174.8	0.33	0.001	50071000
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			
AVG	202.3	0.38	0.001	52223400.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:49:07

Reporting Period  
Day: 07/02/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:49:36

Reporting Period  
Day: 07/03/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:49:57

Reporting Period  
Day: 07/04/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*



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Tampa Electric  
Unit 3  
Big Bend 3-4  
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Today's Date: 08/17/2012  
Time: 07:50:21

Reporting Period  
Day: 07/05/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

=====  
Tampa Electric  
Unit 3  
Big Bend 3-4  
=====

Today's Date: 08/17/2012  
Time: 07:50:47

Reporting Period  
Day: 07/06/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:51:12

Reporting Period  
Day: 07/07/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:51:32

Reporting Period  
Day: 07/08/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

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Tampa Electric  
Unit 3  
Big Bend 3-4  
=====

Today's Date: 08/17/2012  
Time: 07:51:54

Reporting Period  
Day: 07/09/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:52:15

Reporting Period  
Day: 07/10/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:52:36

Reporting Period  
Day: 07/11/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

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Tampa Electric  
Unit 3  
Big Bend 3-4

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Today's Date: 08/17/2012  
Time: 07:52:52

Reporting Period  
Day: 07/12/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*



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Tampa Electric  
Unit 3  
Big Bend 3-4

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Today's Date: 08/17/2012  
Time: 07:53:12

Reporting Period  
Day: 07/13/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	0.0	0.14	0.000	28672000
0700	0.0	0.14	0.000	29993000
0800	0.0	0.14	0.000	28944000
0900	0.0	0.15	0.001	30846000
1000	0.0	0.32	0.001	31196000
1100	0.0	0.45	0.002	31081000
1200	0.0	0.25	0.001	33532000
1300	0.0	0.18	0.001	33667000
1400	0.0	0.16	0.001	33844000
1500	0.0	0.15	0.001	33810000
1600	0.0	0.16	0.001	34868000
1700	0.0	0.16	0.001	35045000
1800	1.8	0.17	0.001	35504000
1900	22.9	0.16	0.001	36501000
2000	60.1	0.15	0.000	37231000
2100	127.2	0.17	0.000	44935000
2200	207.6	0.25	0.000	51450000
2300	232.0	0.32	0.001	54814000
AVG	36.2	0.20	0.001	35885166.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:54:47

Reporting Period  
Day: 07/14/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	231.6	0.38	0.001	54716000
0100	231.7	0.38	0.001	54720000
0200	231.4	0.37	0.001	54376000
0300	231.7	0.36	0.001	54880000
0400	231.7	0.36	0.001	54421000
0500	268.6	0.38	0.001	59777000
0600	319.2	0.40	0.001	64122000
0700	332.1	0.36	0.001	64701000
0800	332.7	0.37	0.001	63541000
0900	332.4	0.39	0.001	62827000
1000	332.7	0.42	0.001	62493000
1100	332.6	0.44	0.001	62381000
1200	331.9	0.47	0.001	62083000
1300	333.1	0.46	0.001	62539000
1400	333.3	0.47	0.001	62101000
1500	332.5	0.48	0.001	61964000
1600	333.0	0.47	0.001	61734000
1700	330.9	0.51	0.001	61403000
1800	332.0	0.52	0.001	61708000
1900	332.8	0.50	0.001	62129000
2000	333.6	0.48	0.001	62368000
2100	333.6	0.49	0.001	62515000
2200	333.0	0.49	0.001	62192000
2300	333.6	0.48	0.001	62623000
AVG	308.4	0.43	0.001	60763083.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:54:10

Reporting Period  
Day: 07/15/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	333.8	0.48	0.001	63133000
0100	333.6	0.48	0.001	62978000
0200	333.5	0.48	0.001	63268000
0300	333.6	0.49	0.001	63338000
0400	333.6	0.49	0.001	63627000
0500	333.7	0.50	0.001	64345000
0600	333.7	0.50	0.001	63761000
0700	333.6	0.51	0.001	63744000
0800	333.3	0.50	0.001	63460000
0900	333.2	0.50	0.001	63197000
1000	333.6	0.52	0.001	63690000
1100	332.7	0.52	0.001	63588000
1200	331.8	0.51	0.001	62544000
1300	330.6	0.49	0.001	62006000
1400	330.5	0.50	0.001	61830000
1500	331.4	0.50	0.001	62023000
1600	331.6	0.49	0.001	61713000
1700	330.5	0.47	0.001	61672000
1800	330.4	0.48	0.001	61656000
1900	330.9	0.46	0.001	61655000
2000	331.8	0.47	0.001	62306000
2100	332.1	0.46	0.001	61892000
2200	331.4	0.46	0.001	61688000
2300	332.2	0.48	0.001	62327000
AVG	332.4	0.49	0.001	62726708.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:55:00

Reporting Period  
Day: 07/16/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	333.0	0.47	0.001	63143000
0100	333.7	0.49	0.001	63901000
0200	333.6	0.49	0.001	63778000
0300	332.7	0.49	0.001	63820000
0400	333.0	0.49	0.001	63745000
0500	333.4	0.50	0.001	63944000
0600	333.6	0.50	0.001	64174000
0700	333.5	0.51	0.001	64651000
0800	332.6	0.51	0.001	64263000
0900	333.0	0.51	0.001	64338000
1000	333.1	0.52	0.001	63921000
1100	333.7	0.51	0.001	64219000
1200	332.8	0.50	0.001	64262000
1300	332.3	0.50	0.001	64411000
1400	332.2	0.51	0.001	63525000
1500	333.0	0.52	0.001	63510000
1600	333.0	0.50	0.001	63153000
1700	332.8	0.50	0.001	62951000
1800	332.7	0.49	0.001	63174000
1900	332.5	0.51	0.001	62379000
2000	333.2	0.51	0.001	63313000
2100	332.1	0.50	0.001	62708000
2200	331.7	0.50	0.001	62200000
2300	331.9	0.49	0.001	62756000
AVG	332.9	0.50	0.001	63593291.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:55:23

Reporting Period  
Day: 07/17/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	332.3	0.50	0.001	62553000
0100	333.1	0.51	0.001	63003000
0200	332.6	0.51	0.001	62464000
0300	330.7	0.50	0.001	62307000
0400	330.9	0.50	0.001	62253000
0500	331.3	0.51	0.001	61893000
0600	331.3	0.50	0.001	62214000
0700	331.6	0.52	0.001	62149000
0800	330.4	0.50	0.001	61894000
0900	330.3	0.50	0.001	61899000
1000	331.0	0.51	0.001	61982000
1100	331.1	0.52	0.001	62300000
1200	331.6	0.53	0.001	61994000
1300	331.3	0.52	0.001	62215000
1400	330.9	0.52	0.001	62202000
1500	330.9	0.52	0.001	61669000
1600	331.4	0.53	0.001	62508000
1700	331.7	0.53	0.001	62123000
1800	330.8	0.53	0.001	62072000
1900	330.7	0.54	0.001	62233000
2000	331.1	0.54	0.001	62230000
2100	331.6	0.56	0.001	62454000
2200	331.3	0.54	0.001	62202000
2300	331.0	0.54	0.001	62011000
AVG	331.3	0.52	0.001	62201000.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:56:51

Reporting Period  
Day: 07/18/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.5	0.53	0.001	62381000
0100	332.8	0.54	0.001	62146000
0200	333.0	0.53	0.001	62206000
0300	332.7	0.60	0.001	62237000
0400	332.4	0.63	0.001	62301000
0500	332.8	1.33	0.002	63392000
0600	333.4	1.92	0.003	63343000
0700	333.4	2.37	0.004	62768000
0800	332.6	2.76	0.004	63052000
0900	333.3	2.80	0.004	63266000
1000	332.8	1.20	0.002	63261000
1100	333.4	0.49	0.001	63685000
1200	333.5	0.51	0.001	64022000
1300	333.6	0.52	0.001	63610000
1400	333.3	0.52	0.001	63567000
1500	331.4	0.54	0.001	63301000
1600	332.4	1.36	0.002	63146000
1700	333.0	2.49	0.004	63969000
1800	333.0	0.56	0.001	63504000
1900	332.6	0.63	0.001	63199000
2000	332.1	0.55	0.001	63055000
2100	332.4	0.83	0.001	63840000
2200	333.2	0.73	0.001	63760000
2300	333.7	0.58	0.001	64176000
AVG	332.8	1.06	0.002	63216125.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:57:05

Reporting Period  
Day: 07/19/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	333.2	0.58	0.001	64744000
0100	333.4	0.59	0.001	64663000
0200	333.4	0.58	0.001	63952000
0300	333.4	0.59	0.001	64124000
0400	333.5	0.60	0.001	63690000
0500	332.7	0.59	0.001	63658000
0600	332.8	0.59	0.001	63775000
0700	333.2	0.62	0.001	63867000
0800	333.0	2.07	0.003	63770000
0900	331.3	0.54	0.001	63352000
1000	330.1	0.57	0.001	62628000
1100	331.1	0.57	0.001	63223000
1200	332.4	0.59	0.001	63941000
1300	333.1	0.60	0.001	64410000
1400	331.9	0.59	0.001	64235000
1500	332.2	0.58	0.001	63599000
1600	331.8	0.57	0.001	63284000
1700	332.7	0.57	0.001	63306000
1800	332.5	0.57	0.001	63909000
1900	330.8	0.57	0.001	63156000
2000	330.9	0.57	0.001	62846000
2100	332.5	0.58	0.001	62984000
2200	333.3	0.58	0.001	63594000
2300	333.0	0.57	0.001	63572000
AVG	332.4	0.64	0.001	63678416.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:57:25

Reporting Period  
Day: 07/20/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	332.2	0.56	0.001	63716000
0100	332.1	0.55	0.001	62931000
0200	332.8	0.56	0.001	63631000
0300	332.2	0.53	0.001	63268000
0400	331.3	0.52	0.001	63124000
0500	331.3	0.53	0.001	63402000
0600	331.9	0.55	0.001	63267000
0700	331.9	0.53	0.001	63181000
0800	332.7	0.55	0.001	63009000
0900	333.0	0.54	0.001	63369000
1000	333.4	0.54	0.001	63996000
1100	332.9	0.58	0.001	63920000
1200	332.6	0.58	0.001	63690000
1300	332.2	0.60	0.001	63301000
1400	331.0	0.60	0.001	62944000
1500	330.8	0.59	0.001	62444000
1600	332.1	0.58	0.001	63126000
1700	332.5	0.56	0.001	62886000
1800	332.0	0.57	0.001	63035000
1900	330.9	0.56	0.001	62945000
2000	329.6	0.54	0.001	61942000
2100	329.8	0.54	0.001	61654000
2200	330.3	0.54	0.001	61284000
2300	331.1	0.55	0.001	62201000
AVG	331.8	0.56	0.001	63011083.3



Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:57:44

Reporting Period  
Day: 07/21/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.6	0.55	0.001	61861000
0100	331.2	0.55	0.001	62298000
0200	331.3	0.55	0.001	62614000
0300	331.4	0.54	0.001	62186000
0400	332.7	0.53	0.001	62670000
0500	333.3	0.52	0.001	62530000
0600	333.1	0.54	0.001	63199000
0700	332.5	0.53	0.001	62980000
0800	330.3	0.51	0.001	62327000
0900	329.9	0.50	0.001	61536000
1000	330.5	0.52	0.001	61066000
1100	331.3	0.51	0.001	61133000
1200	332.3	0.50	0.001	61890000
1300	333.3	0.53	0.001	62165000
1400	333.5	0.52	0.001	62472000
1500	333.1	0.54	0.001	63110000
1600	331.2	0.51	0.001	62420000
1700	329.7	0.51	0.001	61733000
1800	329.6	0.52	0.001	61419000
1900	331.5	0.47	0.001	61797000
2000	332.1	0.47	0.001	62178000
2100	333.0	0.46	0.001	62222000
2200	332.2	0.46	0.001	62055000
2300	332.5	0.46	0.001	62164000
AVG	331.8	0.51	0.001	62167708.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:58:08

Reporting Period  
Day: 07/22/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.8	0.46	0.001	62265000
0100	332.4	0.46	0.001	61696000
0200	331.9	0.46	0.001	62400000
0300	331.3	0.46	0.001	62148000
0400	331.2	0.45	0.001	61376000
0500	331.3	0.44	0.001	62123000
0600	332.2	0.43	0.001	61874000
0700	332.4	0.44	0.001	61663000
0800	333.0	0.44	0.001	61730000
0900	333.2	0.44	0.001	62054000
1000	333.5	0.45	0.001	62044000
1100	333.5	0.47	0.001	62153000
1200	331.8	0.49	0.001	62194000
1300	331.0	0.52	0.001	61336000
1400	330.8	0.52	0.001	61425000
1500	331.3	0.50	0.001	61764000
1600	333.3	0.48	0.001	62039000
1700	333.2	0.47	0.001	61786000
1800	333.0	0.46	0.001	62062000
1900	333.4	0.46	0.001	62315000
2000	333.0	0.47	0.001	62337000
2100	332.1	0.48	0.001	62026000
2200	305.1	0.48	0.001	59688000
2300	267.8	0.46	0.001	55887000
AVG	328.5	0.47	0.001	61599375.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:58:36

Reporting Period  
Day: 07/23/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	267.4	0.43	0.001	55907000
0100	267.3	0.40	0.001	56060000
0200	267.3	0.36	0.001	56111000
0300	267.3	0.34	0.001	56183000
0400	273.8	0.33	0.001	57145000
0500	328.8	0.37	0.001	62109000
0600	330.8	0.42	0.001	62884000
0700	330.6	0.43	0.001	63013000
0800	330.2	0.44	0.001	62601000
0900	330.3	0.45	0.001	62848000
1000	331.4	0.47	0.001	63062000
1100	331.8	0.45	0.001	63282000
1200	331.8	0.47	0.001	63626000
1300	330.8	0.47	0.001	63739000
1400	331.8	0.52	0.001	63680000
1500	332.8	0.48	0.001	63380000
1600	333.5	0.49	0.001	64253000
1700	332.9	0.46	0.001	64477000
1800	332.1	0.48	0.001	64404000
1900	331.6	0.47	0.001	63363000
2000	331.4	0.47	0.001	63292000
2100	318.7	0.45	0.001	61787000
2200	238.2	0.43	0.001	51551000
2300	213.6	0.38	0.001	49708000
AVG	309.0	0.44	0.001	60769375.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:58:57

Reporting Period  
Day: 07/24/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	213.0	0.34	0.001	49872000
0100	212.4	0.30	0.001	49794000
0200	212.2	0.28	0.001	49706000
0300	234.7	0.28	0.000	54419000
0400	280.1	0.33	0.001	60675000
0500	329.8	0.45	0.001	65418000
0600	331.8	0.44	0.001	63948000
0700	332.5	0.45	0.001	63330000
0800	332.4	0.45	0.001	62949000
0900	331.7	0.45	0.001	62828000
1000	330.9	0.45	0.001	62059000
1100	330.0	0.45	0.001	62204000
1200	330.5	0.46	0.001	62312000
1300	330.3	0.47	0.001	62632000
1400	331.8	0.49	0.001	62760000
1500	331.3	0.49	0.001	62441000
1600	330.0	0.50	0.001	61886000
1700	330.0	0.50	0.001	62260000
1800	329.7	0.51	0.001	62063000
1900	330.1	0.50	0.001	62266000
2000	330.3	0.50	0.001	62036000
2100	329.5	0.49	0.001	61946000
2200	329.5	0.50	0.001	62186000
2300	330.6	0.51	0.001	62752000
AVG	309.8	0.44	0.001	60614250.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:59:16

Reporting Period  
Day: 07/25/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.5	0.51	0.001	62155000
0100	331.3	0.52	0.001	62124000
0200	330.9	0.51	0.001	62178000
0300	330.7	0.52	0.001	62151000
0400	331.3	0.53	0.001	62572000
0500	332.6	0.53	0.001	63681000
0600	332.2	0.51	0.001	63051000
0700	330.5	0.52	0.001	63185000
0800	330.4	0.52	0.001	62519000
0900	330.3	0.52	0.001	62213000
1000	330.3	0.52	0.001	61849000
1100	330.2	0.50	0.001	62003000
1200	328.9	0.49	0.001	62107000
1300	328.7	0.49	0.001	61539000
1400	328.3	0.49	0.001	62135000
1500	329.6	0.49	0.001	62258000
1600	329.5	0.49	0.001	61656000
1700	328.7	0.48	0.001	61740000
1800	328.0	0.47	0.001	61296000
1900	328.1	0.47	0.001	61186000
2000	329.1	0.46	0.001	61604000
2100	329.2	0.46	0.001	61620000
2200	329.0	0.45	0.001	61930000
2300	329.1	0.46	0.001	62256000
AVG	329.9	0.50	0.001	62125333.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:59:34

Reporting Period  
Day: 07/26/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	329.7	0.44	0.001	61589000
0100	330.6	0.46	0.001	62726000
0200	330.6	0.44	0.001	62971000
0300	330.0	0.43	0.001	62801000
0400	330.0	0.44	0.001	62689000
0500	330.1	0.43	0.001	62660000
0600	330.9	0.43	0.001	62911000
0700	331.3	0.45	0.001	63184000
0800	330.5	0.43	0.001	63290000
0900	330.6	0.45	0.001	63044000
1000	330.7	0.44	0.001	62468000
1100	330.3	0.44	0.001	62762000
1200	329.3	0.44	0.001	62788000
1300	328.3	0.45	0.001	61597000
1400	327.7	0.46	0.001	61641000
1500	327.4	0.46	0.001	61545000
1600	328.3	0.46	0.001	61415000
1700	328.2	0.45	0.001	61749000
1800	327.6	0.45	0.001	61483000
1900	327.3	0.46	0.001	61952000
2000	327.4	0.46	0.001	62185000
2100	328.5	0.47	0.001	62013000
2200	328.7	0.47	0.001	61962000
2300	327.3	0.46	0.001	61849000
AVG	329.2	0.45	0.001	62303083.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 07:59:57

Reporting Period  
Day: 07/27/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	327.3	0.46	0.001	61876000
0100	328.2	0.47	0.001	62174000
0200	328.6	0.45	0.001	63280000
0300	327.6	0.45	0.001	62188000
0400	326.6	0.45	0.001	61373000
0500	327.5	0.46	0.001	61298000
0600	328.2	0.46	0.001	62334000
0700	329.1	0.47	0.001	62281000
0800	328.5	0.46	0.001	62372000
0900	326.6	0.45	0.001	61803000
1000	326.7	0.46	0.001	61894000
1100	327.2	0.47	0.001	61510000
1200	327.4	0.47	0.001	61393000
1300	326.4	0.45	0.001	61142000
1400	325.7	0.46	0.001	60703000
1500	325.9	0.47	0.001	61025000
1600	325.8	0.46	0.001	60927000
1700	326.0	0.45	0.001	60885000
1800	327.2	0.45	0.001	60985000
1900	327.7	0.44	0.001	61031000
2000	327.5	0.44	0.001	60812000
2100	325.9	0.45	0.001	61224000
2200	325.6	0.45	0.001	61212000
2300	326.1	0.46	0.001	60852000
AVG	327.1	0.46	0.001	61523916.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:00:17

Reporting Period  
Day: 07/28/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	259.9	0.46	0.001	54035000
0100	298.7	0.49	0.001	58017000
0200	326.1	0.43	0.001	61947000
0300	327.1	0.44	0.001	62140000
0400	327.3	0.46	0.001	61491000
0500	327.5	0.45	0.001	61860000
0600	327.5	0.46	0.001	61583000
0700	326.5	0.47	0.001	62108000
0800	327.2	0.49	0.001	61825000
0900	329.2	0.51	0.001	62563000
1000	329.5	0.52	0.001	63089000
1100	330.1	0.51	0.001	63947000
1200	329.0	0.51	0.001	65258000
1300	328.5	0.49	0.001	63958000
1400	329.2	0.00	0.000	63626000
1500	329.2	0.00	0.000	63386000
1600	328.2	0.00	0.000	62927000
1700	326.8	0.00	0.000	63424000
1800	327.7	0.00	0.000	63216000
1900	328.5	0.00	0.000	63814000
2000	327.9	0.00	0.000	63360000
2100	328.2	0.00	0.000	63263000
2200	326.7	0.66	0.001	63402000
2300	327.6	0.61	0.001	63760000
AVG	323.9	0.33	0.001	62416625.0



Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:00:43

Reporting Period  
Day: 07/29/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	328.5	0.53	0.001	63766000
0100	328.8	0.53	0.001	64354000
0200	329.3	0.52	0.001	63232000
0300	327.9	0.53	0.001	63499000
0400	328.7	0.51	0.001	63782000
0500	329.8	0.53	0.001	63686000
0600	330.2	0.52	0.001	63852000
0700	330.4	0.54	0.001	64365000
0800	328.9	0.51	0.001	63856000
0900	328.1	0.52	0.001	63868000
1000	329.5	0.55	0.001	64039000
1100	329.5	0.56	0.001	63551000
1200	328.8	0.55	0.001	63429000
1300	326.6	0.54	0.001	63760000
1400	327.1	0.55	0.001	63338000
1500	327.9	0.54	0.001	63558000
1600	327.8	0.54	0.001	63216000
1700	327.4	0.55	0.001	63648000
1800	326.7	0.55	0.001	63238000
1900	327.9	0.55	0.001	63381000
2000	328.5	0.55	0.001	63258000
2100	329.4	0.55	0.001	63097000
2200	329.3	0.55	0.001	63407000
2300	327.9	0.55	0.001	63739000
AVG	328.5	0.54	0.001	63621625.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:01:01

Reporting Period  
Day: 07/30/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	328.9	0.56	0.001	63718000
0100	329.4	0.58	0.001	63857000
0200	329.9	0.57	0.001	63713000
0300	329.5	0.58	0.001	63414000
0400	328.5	0.57	0.001	63980000
0500	328.0	0.57	0.001	63494000
0600	328.9	0.56	0.001	63981000
0700	329.0	0.57	0.001	64285000
0800	328.6	0.59	0.001	64066000
0900	328.4	0.58	0.001	63509000
1000	328.3	0.60	0.001	63472000
1100	328.3	0.59	0.001	62728000
1200	327.5	0.61	0.001	62793000
1300	327.3	0.60	0.001	63189000
1400	326.5	0.59	0.001	62533000
1500	326.7	0.59	0.001	63248000
1600	327.2	0.58	0.001	63045000
1700	327.2	0.58	0.001	62917000
1800	327.4	0.59	0.001	63264000
1900	326.8	0.58	0.001	63317000
2000	327.5	0.58	0.001	63285000
2100	329.0	0.58	0.001	63638000
2200	328.6	0.60	0.001	63477000
2300	327.7	0.61	0.001	63311000
AVG	328.1	0.58	0.001	63426416.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:01:20

Reporting Period  
Day: 07/31/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	313.3	0.60	0.001	62799000
0100	301.0	0.58	0.001	62762000
0200	329.4	0.61	0.001	64917000
0300	329.4	0.57	0.001	64485000
0400	328.7	0.56	0.001	63650000
0500	329.6	0.54	0.001	64216000
0600	329.6	0.55	0.001	64169000
0700	331.2	0.58	0.001	64576000
0800	331.0	0.57	0.001	64317000
0900	329.7	0.61	0.001	64017000
1000	329.5	0.64	0.001	64156000
1100	328.9	0.64	0.001	64391000
1200	330.0	0.64	0.001	64310000
1300	329.6	0.66	0.001	63862000
1400	329.1	0.65	0.001	64156000
1500	328.3	0.65	0.001	64314000
1600	328.6	0.63	0.001	64240000
1700	329.4	0.66	0.001	63953000
1800	330.0	0.66	0.001	64267000
1900	329.6	0.65	0.001	64956000
2000	329.2	0.65	0.001	64700000
2100	329.5	0.64	0.001	65047000
2200	330.3	0.64	0.001	64354000
2300	330.3	0.65	0.001	64993000
AVG	327.7	0.62	0.001	64233625.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:02:09

Reporting Period  
Day: 08/01/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	328.8	0.64	0.001	64621000
0100	328.3	0.64	0.001	64848000
0200	329.5	0.64	0.001	64114000
0300	330.2	0.65	0.001	65031000
0400	329.7	0.64	0.001	64599000
0500	328.3	0.66	0.001	64343000
0600	326.8	0.63	0.001	63922000
0700	327.1	0.64	0.001	64310000
0800	327.8	0.66	0.001	63916000
0900	328.3	0.66	0.001	63698000
1000	327.9	0.66	0.001	63846000
1100	326.8	0.67	0.001	63830000
1200	326.3	0.67	0.001	63846000
1300	326.2	0.69	0.001	63206000
1400	326.2	0.72	0.001	63755000
1500	325.2	0.71	0.001	64080000
1600	324.0	0.72	0.001	63004000
1700	324.9	0.72	0.001	63345000
1800	326.7	0.73	0.001	63755000
1900	326.8	0.74	0.001	63957000
2000	329.3	0.76	0.001	64484000
2100	329.6	0.77	0.001	64286000
2200	330.1	0.75	0.001	64256000
2300	331.6	0.77	0.001	64938000
AVG	327.8	0.69	0.001	64082916.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:03:14

Reporting Period  
Day: 08/02/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	332.4	0.77	0.001	64911000
0100	331.1	0.75	0.001	64969000
0200	330.6	0.74	0.001	65405000
0300	331.3	0.74	0.001	65053000
0400	331.1	0.72	0.001	64822000
0500	331.2	0.72	0.001	65466000
0600	330.0	0.70	0.001	64358000
0700	330.1	0.70	0.001	64678000
0800	330.3	0.71	0.001	65259000
0900	331.3	0.69	0.001	64540000
1000	331.0	0.72	0.001	64460000
1100	330.4	0.71	0.001	64486000
1200	330.2	0.71	0.001	64830000
1300	330.6	0.71	0.001	64511000
1400	331.2	0.74	0.001	65036000
1500	330.3	0.73	0.001	64412000
1600	329.6	0.74	0.001	64534000
1700	329.8	0.72	0.001	64848000
1800	331.6	0.73	0.001	64543000
1900	332.0	0.73	0.001	65287000
2000	330.8	0.73	0.001	64565000
2100	330.9	0.72	0.001	64494000
2200	331.7	0.71	0.001	64857000
2300	333.3	0.73	0.001	65634000
AVG	331.0	0.72	0.001	64831583.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:03:35

Reporting Period  
Day: 08/03/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	333.3	0.77	0.001	66220000
0100	332.7	0.76	0.001	66499000
0200	332.5	0.74	0.001	65517000
0300	332.9	0.75	0.001	66330000
0400	333.4	0.73	0.001	66129000
0500	332.9	0.75	0.001	66035000
0600	332.8	0.75	0.001	66260000
0700	332.2	0.75	0.001	65712000
0800	332.3	0.74	0.001	65771000
0900	332.8	0.75	0.001	65981000
1000	332.9	0.75	0.001	66017000
1100	331.8	0.75	0.001	65568000
1200	331.5	0.74	0.001	65095000
1300	331.6	0.77	0.001	64790000
1400	332.1	0.77	0.001	65140000
1500	332.1	0.78	0.001	64900000
1600	331.5	0.78	0.001	64644000
1700	331.0	0.72	0.001	64738000
1800	331.6	0.72	0.001	65338000
1900	332.0	0.71	0.001	65029000
2000	332.6	0.72	0.001	65029000
2100	332.1	0.70	0.001	65435000
2200	313.1	0.00	0.000	63473000
2300	290.2	0.00	0.000	60817000
AVG	329.7	0.68	0.001	65269458.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:03:57

Reporting Period  
Day: 08/04/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	282.8	0.00	0.000	60033000
0100	323.5	0.00	0.000	64378000
0200	332.3	0.00	0.000	65758000
0300	332.6	0.00	0.000	65750000
0400	333.0	0.00	0.000	65618000
0500	333.1	0.00	0.000	65531000
0600	332.8	0.00	0.000	65420000
0700	332.1	0.00	0.000	65203000
0800	332.4	0.00	0.000	65632000
0900	333.3	0.00	0.000	66410000
1000	333.3	0.00	0.000	65871000
1100	332.6	0.00	0.000	65065000
1200	332.3	0.00	0.000	65555000
1300	332.0	0.00	0.000	65476000
1400	332.3	0.00	0.000	65263000
1500	332.4	0.00	0.000	65303000
1600	332.1	0.00	0.000	65193000
1700	331.0	0.78	0.001	64634000
1800	332.0	0.75	0.001	65565000
1900	332.4	0.72	0.001	65169000
2000	332.5	0.72	0.001	65343000
2100	332.4	0.72	0.001	65409000
2200	331.3	0.70	0.001	65413000
2300	332.4	0.69	0.001	65551000
AVG	330.0	0.21	0.000	65189291.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:05:02

Reporting Period  
Day: 08/05/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	333.3	0.68	0.001	65514000
0100	333.3	0.68	0.001	66009000
0200	333.0	0.68	0.001	66284000
0300	332.9	0.66	0.001	65719000
0400	333.2	0.66	0.001	66136000
0500	333.6	0.66	0.001	66252000
0600	333.6	0.66	0.001	66399000
0700	333.3	0.67	0.001	66049000
0800	333.5	0.68	0.001	66728000
0900	333.4	0.69	0.001	66306000
1000	333.7	0.72	0.001	66060000
1100	331.5	0.69	0.001	64758000
1200	331.4	0.62	0.001	62066000
1300	331.5	0.59	0.001	62238000
1400	330.1	0.59	0.001	62076000
1500	329.4	0.60	0.001	61364000
1600	331.0	0.59	0.001	61894000
1700	332.2	0.57	0.001	62311000
1800	333.2	0.54	0.001	61997000
1900	332.9	0.54	0.001	62456000
2000	313.9	0.51	0.001	60689000
2100	321.9	0.52	0.001	61515000
2200	333.4	0.53	0.001	62423000
2300	333.0	0.53	0.001	62776000
AVG	331.3	0.62	0.001	64000791.7



Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:05:24

Reporting Period  
Day: 08/06/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	332.2	0.51	0.001	62771000
0100	332.6	0.53	0.001	62702000
0200	332.8	0.51	0.001	63029000
0300	333.0	0.52	0.001	62735000
0400	333.4	0.52	0.001	63334000
0500	332.8	0.52	0.001	63024000
0600	333.1	0.51	0.001	63147000
0700	332.9	0.51	0.001	63232000
0800	333.3	0.51	0.001	63488000
0900	333.3	0.53	0.001	63162000
1000	332.2	0.51	0.001	62714000
1100	331.5	0.51	0.001	62171000
1200	331.3	0.51	0.001	61777000
1300	331.9	0.53	0.001	62401000
1400	332.1	0.51	0.001	62094000
1500	331.2	0.48	0.001	62939000
1600	331.3	0.47	0.001	62255000
1700	332.0	0.49	0.001	62356000
1800	333.4	0.49	0.001	63280000
1900	332.8	0.48	0.001	63692000
2000	331.2	0.47	0.001	62827000
2100	331.4	0.48	0.001	62997000
2200	332.8	0.47	0.001	63339000
2300	333.1	0.48	0.001	62884000
AVG	332.4	0.50	0.001	62847916.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:05:47

Reporting Period  
Day: 08/07/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	332.7	0.46	0.001	62981000
0100	332.6	0.47	0.001	63382000
0200	332.7	0.47	0.001	63056000
0300	333.3	0.48	0.001	63361000
0400	333.2	0.48	0.001	63447000
0500	332.5	0.47	0.001	63003000
0600	332.7	0.48	0.001	63089000
0700	332.3	0.48	0.001	62816000
0800	332.4	0.49	0.001	63195000
0900	332.1	0.49	0.001	63238000
1000	331.8	0.51	0.001	62373000
1100	332.5	0.54	0.001	61910000
1200	332.7	0.55	0.001	61776000
1300	332.9	0.57	0.001	61916000
1400	332.6	0.56	0.001	61831000
1500	331.3	0.54	0.001	61446000
1600	331.4	0.56	0.001	61401000
1700	331.9	0.56	0.001	61063000
1800	332.5	0.56	0.001	61450000
1900	332.2	0.57	0.001	61558000
2000	331.3	0.56	0.001	61284000
2100	331.5	0.56	0.001	61692000
2200	331.9	0.56	0.001	61273000
2300	332.4	0.55	0.001	61929000
AVG	332.3	0.52	0.001	62269583.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:06:09

Reporting Period  
Day: 08/08/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	332.4	0.56	0.001	61531000
0100	331.1	0.57	0.001	61295000
0200	331.6	0.56	0.001	61237000
0300	332.2	0.58	0.001	61814000
0400	332.4	0.57	0.001	61610000
0500	331.8	0.57	0.001	61628000
0600	332.2	0.57	0.001	61757000
0700	332.6	0.59	0.001	61744000
0800	333.6	0.59	0.001	62408000
0900	333.2	0.63	0.001	61825000
1000	331.8	0.84	0.001	61985000
1100	332.0	0.66	0.001	61655000
1200	332.3	0.65	0.001	61965000
1300	331.6	0.65	0.001	61403000
1400	331.1	0.64	0.001	61729000
1500	330.2	0.64	0.001	61849000
1600	331.1	0.62	0.001	62175000
1700	331.5	0.61	0.001	62743000
1800	331.0	0.60	0.001	62312000
1900	329.6	0.61	0.001	62164000
2000	330.4	0.59	0.001	62285000
2100	330.4	0.59	0.001	62369000
2200	331.2	0.59	0.001	61763000
2300	330.0	0.57	0.001	61489000
AVG	331.6	0.61	0.001	61863958.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:06:31

Reporting Period  
Day: 08/09/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	330.3	0.58	0.001	62148000
0100	331.5	0.57	0.001	62720000
0200	331.2	0.56	0.001	62719000
0300	331.6	0.56	0.001	62126000
0400	330.6	0.56	0.001	62019000
0500	331.5	0.56	0.001	62424000
0600	332.1	0.55	0.001	62825000
0700	332.2	0.55	0.001	62660000
0800	331.4	0.56	0.001	62157000
0900	331.4	0.57	0.001	62696000
1000	331.5	0.57	0.001	62321000
1100	331.7	0.57	0.001	61654000
1200	331.9	0.59	0.001	62079000
1300	330.9	0.59	0.001	61612000
1400	331.5	0.59	0.001	62125000
1500	331.5	0.58	0.001	61999000
1600	332.0	0.58	0.001	61936000
1700	331.4	0.57	0.001	61353000
1800	331.5	0.56	0.001	62086000
1900	331.6	0.57	0.001	62094000
2000	331.3	0.57	0.001	61724000
2100	330.6	0.57	0.001	62405000
2200	330.1	0.56	0.001	61802000
2300	331.2	0.55	0.001	62224000
AVG	331.4	0.57	0.001	62162833.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:06:54

Reporting Period  
Day: 08/10/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.5	0.55	0.001	62353000
0100	332.0	0.54	0.001	62269000
0200	331.1	0.53	0.001	61901000
0300	332.0	0.52	0.001	62440000
0400	332.3	0.53	0.001	62759000
0500	333.0	0.52	0.001	62908000
0600	331.9	0.52	0.001	62789000
0700	332.5	0.51	0.001	62651000
0800	332.8	0.53	0.001	62320000
0900	333.1	0.53	0.001	62806000
1000	332.2	0.55	0.001	62241000
1100	332.3	0.57	0.001	62546000
1200	332.7	0.58	0.001	62535000
1300	325.8	0.59	0.001	61961000
1400	331.7	0.56	0.001	62259000
1500	331.5	0.55	0.001	62471000
1600	332.4	0.54	0.001	62396000
1700	332.8	0.56	0.001	62951000
1800	333.0	0.54	0.001	63089000
1900	304.1	0.54	0.001	59909000
2000	287.1	0.53	0.001	59887000
2100	304.4	0.56	0.001	63126000
2200	304.2	0.51	0.001	61409000
2300	303.4	0.49	0.001	60660000
AVG	325.4	0.54	0.001	62193166.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:07:17

Reporting Period  
Day: 08/11/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	302.5	0.47	0.001	60150000
0100	303.3	0.47	0.001	59736000
0200	302.9	0.46	0.001	60246000
0300	302.9	0.46	0.001	59954000
0400	302.9	0.45	0.001	59861000
0500	303.0	0.45	0.001	59570000
0600	313.2	0.46	0.001	60376000
0700	331.8	0.46	0.001	62127000
0800	332.0	0.47	0.001	62402000
0900	316.9	0.52	0.001	61145000
1000	303.7	0.52	0.001	59661000
1100	278.7	0.51	0.001	57430000
1200	277.7	0.49	0.001	59540000
1300	277.5	0.47	0.001	59664000
1400	277.4	0.47	0.001	59412000
1500	277.6	0.47	0.001	59758000
1600	277.3	0.48	0.001	59562000
1700	282.3	0.50	0.001	60569000
1800	303.0	0.61	0.001	62395000
1900	303.2	0.59	0.001	61886000
2000	303.0	0.61	0.001	61733000
2100	303.0	0.61	0.001	62567000
2200	303.2	0.61	0.001	62292000
2300	302.9	0.64	0.001	62514000
AVG	299.2	0.51	0.001	60606250.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:07:42

Reporting Period  
Day: 08/12/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	303.0	0.63	0.001	62289000
0100	302.9	0.64	0.001	62467000
0200	303.3	0.63	0.001	62419000
0300	303.0	0.65	0.001	62237000
0400	303.0	0.62	0.001	62080000
0500	303.1	0.63	0.001	62674000
0600	303.2	0.63	0.001	62019000
0700	302.9	0.68	0.001	62546000
0800	327.6	0.66	0.001	63494000
0900	329.8	0.61	0.001	62970000
1000	329.7	0.58	0.001	62660000
1100	330.0	0.58	0.001	62366000
1200	330.4	0.60	0.001	62151000
1300	330.1	0.60	0.001	62081000
1400	330.0	0.60	0.001	62393000
1500	329.6	0.58	0.001	62312000
1600	329.4	0.57	0.001	61829000
1700	330.3	0.57	0.001	62385000
1800	331.1	0.57	0.001	62388000
1900	331.0	0.56	0.001	62171000
2000	317.5	0.63	0.001	62052000
2100	303.4	0.67	0.001	62673000
2200	302.9	0.61	0.001	61731000
2300	303.0	0.58	0.001	61472000
AVG	317.1	0.61	0.001	62327458.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:08:03

Reporting Period  
Day: 08/13/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	302.7	0.54	0.001	60806000
0100	303.1	0.52	0.001	60582000
0200	303.0	0.52	0.001	60330000
0300	303.1	0.51	0.001	59927000
0400	303.2	0.51	0.001	60363000
0500	317.4	0.92	0.001	61624000
0600	331.3	0.67	0.001	63009000
0700	331.7	0.62	0.001	64544000
0800	330.2	0.60	0.001	64038000
0900	330.8	0.58	0.001	64209000
1000	331.4	0.60	0.001	63766000
1100	330.7	0.59	0.001	63514000
1200	330.5	0.59	0.001	63252000
1300	330.8	0.60	0.001	62888000
1400	330.6	0.61	0.001	63483000
1500	330.3	0.61	0.001	63291000
1600	329.6	0.60	0.001	62724000
1700	329.4	0.59	0.001	62184000
1800	329.7	0.60	0.001	62258000
1900	330.2	0.63	0.001	62761000
2000	330.0	0.62	0.001	62714000
2100	329.0	0.61	0.001	62431000
2200	329.5	0.62	0.001	62266000
2300	329.5	0.61	0.001	62046000
AVG	324.1	0.60	0.001	62458750.0



Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:08:22

Reporting Period  
Day: 08/14/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	330.0	0.60	0.001	62360000
0100	331.0	0.61	0.001	62590000
0200	331.8	0.60	0.001	63553000
0300	332.1	0.60	0.001	63563000
0400	330.8	0.59	0.001	62662000
0500	330.2	0.59	0.001	62816000
0600	330.6	0.60	0.001	63029000
0700	331.8	0.61	0.001	63274000
0800	331.8	0.62	0.001	62799000
0900	330.9	0.63	0.001	62287000
1000	321.5	1.47	0.002	62605000
1100	134.4	1.48	0.005	65360000
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			
AVG	313.9	0.75	0.001	63074833.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:09:08

Reporting Period  
Day: 08/15/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:33:39

Reporting Period  
Day: 08/16/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

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Tampa Electric  
Unit 3  
Big Bend 3-4  
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Today's Date: 09/06/2012  
Time: 13:34:14

Reporting Period  
Day: 08/17/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:34:35

Reporting Period  
Day: 08/18/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	0.0	0.43	0.001	35842000
0600	0.0	2.20	0.007	35557000
0700	0.0	9.71	0.033	33287000
0800	0.0	0.27	0.001	33777000
0900	0.0	0.21	0.001	30242000
1000	0.0	0.20	0.001	31211000
1100	0.0	0.20	0.001	33812000
1200	0.0	0.19	0.001	34387000
1300	5.5	0.22	0.001	38976000
1400	115.1	0.18	0.000	44359000
1500	163.4	0.21	0.000	49239000
1600	212.9	0.29	0.001	53500000
1700	213.5	0.36	0.001	53651000
1800	255.1	0.42	0.001	58853000
1900	329.4	0.44	0.001	67117000
2000	331.1	0.43	0.001	66224000
2100	330.3	0.42	0.001	65305000
2200	330.7	0.43	0.001	64460000
2300	331.4	0.42	0.001	63908000
AVG	137.8	0.91	0.003	47037210.5

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:35:23

Reporting Period  
Day: 08/19/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.6	0.44	0.001	63597000
0100	331.4	0.44	0.001	63780000
0200	331.8	0.45	0.001	64233000
0300	330.8	0.45	0.001	63518000
0400	331.4	0.45	0.001	63587000
0500	331.2	0.46	0.001	63352000
0600	330.2	0.47	0.001	63693000
0700	331.2	0.47	0.001	63308000
0800	331.3	0.47	0.001	63527000
0900	331.6	0.49	0.001	63522000
1000	330.6	0.50	0.001	62993000
1100	331.2	0.51	0.001	63196000
1200	331.3	0.51	0.001	63031000
1300	331.1	0.52	0.001	63069000
1400	331.4	0.53	0.001	63175000
1500	332.1	0.53	0.001	63031000
1600	331.7	0.55	0.001	63298000
1700	332.1	0.54	0.001	63159000
1800	330.5	0.54	0.001	63446000
1900	330.8	0.54	0.001	63148000
2000	331.6	0.54	0.001	63367000
2100	331.2	0.54	0.001	63612000
2200	331.4	0.52	0.001	63057000
2300	331.4	0.52	0.001	63505000
AVG	331.3	0.50	0.001	63383500.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:35:53

Reporting Period  
Day: 08/20/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.3	0.52	0.001	62993000
0100	331.3	0.52	0.001	63415000
0200	331.5	0.52	0.001	63367000
0300	330.9	0.51	0.001	63399000
0400	330.7	0.51	0.001	63426000
0500	331.3	0.50	0.001	63260000
0600	331.0	0.51	0.001	63340000
0700	330.9	0.51	0.001	63223000
0800	330.6	0.51	0.001	63367000
0900	330.4	0.52	0.001	63671000
1000	330.2	0.52	0.001	63340000
1100	328.3	0.54	0.001	63313000
1200	329.0	0.53	0.001	62642000
1300	328.4	0.53	0.001	62381000
1400	329.0	0.53	0.001	62669000
1500	329.2	0.52	0.001	62771000
1600	329.3	0.52	0.001	62904000
1700	328.8	0.52	0.001	62994000
1800	329.3	0.52	0.001	62408000
1900	329.9	0.52	0.001	62658000
2000	330.1	0.50	0.001	62519000
2100	329.3	0.53	0.001	62639000
2200	330.2	0.49	0.001	63339000
2300	330.1	0.48	0.001	63276000
AVG	330.0	0.52	0.001	63054750.0

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Tampa Electric  
Unit 3  
Big Bend 3-4  
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Today's Date: 09/06/2012  
Time: 13:36:15

Reporting Period  
Day: 08/21/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	330.6	0.48	0.001	63356000
0100	330.2	0.49	0.001	62564000
0200	330.4	0.48	0.001	62779000
0300	330.2	0.48	0.001	62907000
0400	330.0	0.47	0.001	62613000
0500	330.7	0.47	0.001	62788000
0600	330.7	0.49	0.001	63334000
0700	330.3	0.49	0.001	63179000
0800	329.7	0.50	0.001	63388000
0900	330.4	0.51	0.001	63190000
1000	330.2	0.51	0.001	63431000
1100	329.8	0.52	0.001	63281000
1200	329.1	0.52	0.001	62737000
1300	329.0	0.52	0.001	63179000
1400	328.5	0.53	0.001	62490000
1500	329.4	0.53	0.001	62769000
1600	329.7	0.55	0.001	63206000
1700	330.2	0.50	0.001	63018000
1800	329.2	0.50	0.001	63103000
1900	329.2	0.51	0.001	63150000
2000	330.0	0.49	0.001	63165000
2100	329.9	0.49	0.001	63417000
2200	330.4	0.48	0.001	63445000
2300	329.7	0.49	0.001	62939000
AVG	329.9	0.50	0.001	63059500.0



Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:36:36

Reporting Period  
Day: 08/22/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	329.8	0.48	0.001	63741000
0100	330.8	0.50	0.001	63113000
0200	330.3	0.51	0.001	63022000
0300	330.0	0.51	0.001	62602000
0400	330.2	0.50	0.001	62823000
0500	330.5	0.50	0.001	62618000
0600	330.6	0.50	0.001	62644000
0700	330.5	0.52	0.001	63332000
0800	329.6	0.53	0.001	62623000
0900	329.3	0.51	0.001	62360000
1000	329.6	0.49	0.001	62908000
1100	330.0	0.50	0.001	62914000
1200	330.0	0.51	0.001	63354000
1300	329.3	0.50	0.001	63316000
1400	329.2	0.48	0.001	63122000
1500	329.9	0.46	0.001	63729000
1600	330.6	0.47	0.001	63848000
1700	330.7	0.47	0.001	63176000
1800	329.4	0.46	0.001	63187000
1900	329.3	0.48	0.001	63483000
2000	330.3	0.46	0.001	63369000
2100	329.6	0.47	0.001	63240000
2200	297.7	0.48	0.001	60330000
2300	193.5	0.49	0.001	47403000
AVG	322.9	0.49	0.001	62344041.7

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Tampa Electric  
Unit 3  
Big Bend 3-4  
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Today's Date: 09/06/2012  
Time: 13:36:58

Reporting Period  
Day: 08/23/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	191.3	0.44	0.001	47694000
0100	191.3	0.39	0.001	47747000
0200	191.2	0.34	0.001	47777000
0300	191.8	0.34	0.001	46839000
0400	225.8	0.33	0.001	51248000
0500	326.2	0.38	0.001	64341000
0600	331.4	0.42	0.001	63812000
0700	331.0	0.44	0.001	63730000
0800	331.1	0.46	0.001	63250000
0900	331.7	0.48	0.001	63336000
1000	331.5	0.49	0.001	63632000
1100	330.8	0.49	0.001	63046000
1200	329.9	0.51	0.001	63256000
1300	330.3	0.50	0.001	62494000
1400	330.6	0.51	0.001	63156000
1500	330.3	0.52	0.001	62749000
1600	329.7	0.53	0.001	63108000
1700	329.8	0.52	0.001	62862000
1800	329.8	0.52	0.001	62684000
1900	329.5	0.51	0.001	62330000
2000	330.1	0.51	0.001	62875000
2100	330.3	0.51	0.001	62274000
2200	330.5	0.51	0.001	62818000
2300	329.8	0.50	0.001	62576000
AVG	302.7	0.46	0.001	59984750.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:37:24

Reporting Period  
Day: 08/24/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	330.3	0.51	0.001	62931000
0100	331.6	0.51	0.001	62749000
0200	331.0	0.51	0.001	62975000
0300	331.0	0.51	0.001	62525000
0400	331.2	0.50	0.001	63248000
0500	331.2	0.50	0.001	63269000
0600	331.4	0.51	0.001	63108000
0700	331.2	0.50	0.001	62973000
0800	330.3	0.51	0.001	62570000
0900	330.7	0.52	0.001	62678000
1000	329.5	0.52	0.001	62259000
1100	329.8	0.54	0.001	62562000
1200	328.8	0.55	0.001	62525000
1300	328.6	0.56	0.001	62302000
1400	328.6	0.56	0.001	62109000
1500	328.6	0.57	0.001	61523000
1600	328.6	0.57	0.001	61828000
1700	328.4	0.58	0.001	61504000
1800	329.1	0.58	0.001	61723000
1900	329.0	0.56	0.001	61742000
2000	328.8	0.55	0.001	61907000
2100	329.1	0.54	0.001	61825000
2200	329.4	0.54	0.001	62157000
2300	330.3	0.54	0.001	62118000
AVG	329.9	0.54	0.001	62379583.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:37:45

Reporting Period  
Day: 08/25/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	330.9	0.53	0.001	62478000
0100	331.8	0.52	0.001	62403000
0200	331.6	0.52	0.001	62622000
0300	331.3	0.51	0.001	62858000
0400	331.7	0.51	0.001	62865000
0500	331.3	0.51	0.001	62443000
0600	331.2	0.51	0.001	63196000
0700	331.5	0.50	0.001	62610000
0800	330.7	0.52	0.001	62402000
0900	331.0	0.52	0.001	62519000
1000	330.9	0.54	0.001	63062000
1100	331.5	0.54	0.001	62666000
1200	330.7	0.54	0.001	62693000
1300	329.9	0.55	0.001	62427000
1400	329.5	0.54	0.001	62561000
1500	329.2	0.53	0.001	61715000
1600	329.3	0.52	0.001	61751000
1700	329.9	0.52	0.001	62406000
1800	329.5	0.52	0.001	62208000
1900	328.7	0.52	0.001	62357000
2000	329.4	0.51	0.001	62210000
2100	330.5	0.50	0.001	62638000
2200	330.6	0.49	0.001	62177000
2300	329.8	0.50	0.001	62499000
AVG	330.5	0.52	0.001	62490250.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:38:05

Reporting Period  
Day: 08/26/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	321.4	0.48	0.001	61477000
0100	302.9	0.48	0.001	59765000
0200	303.0	0.48	0.001	59783000
0300	303.0	0.47	0.001	59777000
0400	303.0	0.48	0.001	59553000
0500	303.1	0.47	0.001	60033000
0600	303.0	0.46	0.001	60218000
0700	326.6	0.48	0.001	62577000
0800	330.5	0.48	0.001	63063000
0900	330.7	0.49	0.001	62721000
1000	330.6	0.50	0.001	63095000
1100	330.3	0.50	0.001	62557000
1200	329.8	0.52	0.001	62686000
1300	331.3	0.50	0.001	62840000
1400	331.4	0.50	0.001	63218000
1500	329.8	0.50	0.001	63080000
1600	327.8	0.51	0.001	63208000
1700	328.9	0.51	0.001	62836000
1800	329.1	0.51	0.001	62682000
1900	330.1	0.51	0.001	62926000
2000	329.2	0.51	0.001	63399000
2100	328.8	0.52	0.001	62857000
2200	329.9	0.51	0.001	63102000
2300	328.6	0.51	0.001	62847000
AVG	322.6	0.50	0.001	62095833.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:38:26

Reporting Period  
Day: 08/27/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	314.4	0.50	0.001	61450000
0100	313.0	0.49	0.001	61955000
0200	313.4	0.48	0.001	61637000
0300	313.0	0.48	0.001	62003000
0400	313.3	0.48	0.001	62497000
0500	325.4	0.49	0.001	63330000
0600	330.5	0.49	0.001	64119000
0700	330.4	0.49	0.001	63134000
0800	330.2	0.50	0.001	63780000
0900	330.0	0.50	0.001	63627000
1000	329.8	0.51	0.001	63811000
1100	331.5	0.52	0.001	63652000
1200	331.1	0.52	0.001	63826000
1300	330.8	0.53	0.001	63903000
1400	330.0	0.53	0.001	63538000
1500	330.2	0.51	0.001	63987000
1600	331.4	0.51	0.001	63424000
1700	330.8	0.52	0.001	63312000
1800	330.8	0.52	0.001	63799000
1900	330.3	0.51	0.001	63827000
2000	330.7	0.52	0.001	63706000
2100	330.7	0.52	0.001	64238000
2200	330.4	0.51	0.001	63547000
2300	330.0	0.52	0.001	63812000
AVG	326.8	0.51	0.001	63329750.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:38:45

Reporting Period  
Day: 08/28/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	330.0	0.52	0.001	63404000
0100	330.3	0.51	0.001	63489000
0200	329.8	0.52	0.001	62915000
0300	330.2	0.51	0.001	63298000
0400	329.1	0.51	0.001	63133000
0500	328.6	0.53	0.001	63229000
0600	328.5	0.52	0.001	63165000
0700	330.8	0.52	0.001	63304000
0800	331.4	0.53	0.001	63762000
0900	331.3	0.53	0.001	63341000
1000	330.9	0.55	0.001	63415000
1100	331.3	0.55	0.001	63602000
1200	330.7	0.57	0.001	63672000
1300	330.4	0.56	0.001	63287000
1400	329.0	0.56	0.001	63457000
1500	326.9	0.56	0.001	62909000
1600	327.7	0.54	0.001	63080000
1700	327.0	0.54	0.001	62260000
1800	327.5	0.53	0.001	63138000
1900	327.7	0.52	0.001	62470000
2000	328.0	0.53	0.001	63015000
2100	327.4	0.53	0.001	62764000
2200	327.1	0.53	0.001	63153000
2300	328.4	0.52	0.001	63110000
AVG	329.2	0.53	0.001	63182166.7

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Tampa Electric  
Unit 3  
Big Bend 3-4  
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Today's Date: 09/06/2012  
Time: 13:39:05

Reporting Period  
Day: 08/29/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	329.3	0.51	0.001	62929000
0100	328.7	0.52	0.001	62978000
0200	328.0	0.52	0.001	63255000
0300	329.8	0.51	0.001	63154000
0400	330.4	0.52	0.001	63389000
0500	329.0	0.51	0.001	62753000
0600	329.3	0.51	0.001	62892000
0700	329.5	0.53	0.001	62752000
0800	330.0	0.53	0.001	62864000
0900	330.4	0.54	0.001	62902000
1000	330.9	0.53	0.001	63666000
1100	331.1	0.54	0.001	62730000
1200	331.0	0.54	0.001	62767000
1300	331.1	0.55	0.001	62671000
1400	331.0	0.54	0.001	63607000
1500	330.0	0.57	0.001	62744000
1600	327.8	0.56	0.001	62301000
1700	328.3	0.55	0.001	62348000
1800	328.7	0.55	0.001	62364000
1900	328.3	0.55	0.001	62031000
2000	327.1	0.54	0.001	62523000
2100	327.9	0.55	0.001	62379000
2200	329.9	0.56	0.001	62817000
2300	331.5	0.54	0.001	63260000
AVG	329.5	0.54	0.001	62836500.0



Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:39:27

Reporting Period  
Day: 08/30/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.4	0.55	0.001	62795000
0100	329.4	0.54	0.001	62582000
0200	329.0	0.54	0.001	63388000
0300	329.7	0.53	0.001	63854000
0400	329.5	0.52	0.001	63164000
0500	330.2	0.52	0.001	63539000
0600	333.2	0.52	0.001	63715000
0700	332.3	0.53	0.001	64208000
0800	332.8	0.55	0.001	63597000
0900	333.1	0.55	0.001	63618000
1000	333.0	0.56	0.001	64325000
1100	333.3	0.58	0.001	63757000
1200	332.8	0.59	0.001	62935000
1300	332.1	0.60	0.001	63370000
1400	330.1	0.58	0.001	62911000
1500	327.8	0.59	0.001	62645000
1600	328.3	0.56	0.001	63168000
1700	328.6	0.56	0.001	62985000
1800	328.4	0.56	0.001	62943000
1900	327.7	0.56	0.001	62423000
2000	328.6	0.55	0.001	62701000
2100	328.8	0.55	0.001	62300000
2200	328.8	0.55	0.001	62734000
2300	328.3	0.54	0.001	62207000
AVG	330.3	0.55	0.001	63161000.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:39:50

Reporting Period  
Day: 08/31/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	327.7	0.55	0.001	62891000
0100	329.0	0.53	0.001	62777000
0200	328.4	0.53	0.001	63299000
0300	328.5	0.54	0.001	63353000
0400	327.7	0.54	0.001	63128000
0500	328.8	0.54	0.001	62837000
0600	328.6	0.54	0.001	62949000
0700	328.7	0.55	0.001	63190000
0800	328.8	0.55	0.001	62943000
0900	329.9	0.56	0.001	62668000
1000	329.5	0.56	0.001	62822000
1100	330.1	0.59	0.001	62742000
1200	330.5	0.57	0.001	62984000
1300	330.1	0.59	0.001	62669000
1400	329.8	0.59	0.001	62724000
1500	329.2	0.59	0.001	62377000
1600	329.6	0.58	0.001	62581000
1700	329.6	0.60	0.001	62591000
1800	328.5	0.59	0.001	62266000
1900	327.6	0.59	0.001	62372000
2000	328.0	0.60	0.001	62419000
2100	328.3	0.58	0.001	62358000
2200	325.0	0.57	0.001	61980000
2300	283.9	0.53	0.001	57676000
AVG	326.9	0.57	0.001	62524833.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:40:48

Reporting Period  
Day: 09/01/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	308.7	0.53	0.001	60968000
0100	329.8	0.53	0.001	62347000
0200	330.3	0.53	0.001	62880000
0300	330.7	0.53	0.001	62816000
0400	330.5	0.53	0.001	63240000
0500	332.0	0.52	0.001	63658000
0600	332.3	0.53	0.001	63550000
0700	332.0	0.53	0.001	63818000
0800	329.7	0.53	0.001	63432000
0900	329.7	0.54	0.001	63066000
1000	330.7	0.56	0.001	62818000
1100	330.8	0.58	0.001	63119000
1200	330.4	0.58	0.001	62476000
1300	329.0	0.59	0.001	62778000
1400	329.8	0.59	0.001	62618000
1500	329.5	0.59	0.001	62458000
1600	330.1	0.59	0.001	62390000
1700	329.0	0.60	0.001	62648000
1800	329.5	0.60	0.001	62347000
1900	329.7	0.58	0.001	62613000
2000	330.2	0.57	0.001	62902000
2100	329.8	0.56	0.001	62789000
2200	328.9	0.57	0.001	62311000
2300	328.9	0.54	0.001	62148000
AVG	329.3	0.56	0.001	62757916.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:41:09

Reporting Period  
Day: 09/02/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	329.2	0.55	0.001	62703000
0100	328.7	0.54	0.001	63080000
0200	328.0	0.54	0.001	62372000
0300	329.2	0.55	0.001	62446000
0400	329.7	0.56	0.001	62554000
0500	329.7	0.55	0.001	62660000
0600	328.3	0.55	0.001	62548000
0700	329.2	0.56	0.001	62449000
0800	329.0	0.58	0.001	62313000
0900	329.5	0.57	0.001	62501000
1000	329.1	0.59	0.001	62782000
1100	329.1	0.60	0.001	62583000
1200	328.8	0.61	0.001	61542000
1300	329.1	0.61	0.001	62315000
1400	328.4	0.60	0.001	61511000
1500	328.1	0.59	0.001	61971000
1600	329.2	0.57	0.001	62367000
1700	329.1	0.58	0.001	61955000
1800	328.8	0.57	0.001	62049000
1900	327.9	0.56	0.001	62297000
2000	329.1	0.56	0.001	61909000
2100	328.3	0.57	0.001	62568000
2200	330.0	0.54	0.001	62245000
2300	327.4	0.56	0.001	62438000
AVG	328.9	0.57	0.001	62339916.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:41:33

Reporting Period  
Day: 09/03/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	328.8	0.55	0.001	62763000
0100	328.8	0.54	0.001	62268000
0200	328.2	0.52	0.001	62296000
0300	327.8	0.52	0.001	62211000
0400	328.2	0.52	0.001	63043000
0500	328.9	0.50	0.001	62865000
0600	328.5	0.51	0.001	62541000
0700	328.6	0.50	0.001	62891000
0800	328.4	0.51	0.001	62374000
0900	327.8	0.52	0.001	62702000
1000	327.7	0.52	0.001	62221000
1100	328.0	0.56	0.001	62332000
1200	328.2	0.55	0.001	62360000
1300	327.2	0.55	0.001	62271000
1400	327.9	0.55	0.001	62157000
1500	328.0	0.55	0.001	62465000
1600	328.0	0.55	0.001	62413000
1700	327.2	0.56	0.001	61873000
1800	327.1	0.55	0.001	62114000
1900	327.4	0.55	0.001	61912000
2000	327.0	0.55	0.001	62195000
2100	326.5	0.54	0.001	62092000
2200	326.0	0.54	0.001	62413000
2300	326.9	0.53	0.001	62010000
AVG	327.8	0.54	0.001	62365916.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:41:52

Reporting Period  
Day: 09/04/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	328.0	0.55	0.001	62579000
0100	328.1	0.53	0.001	62531000
0200	327.6	0.53	0.001	62221000
0300	327.9	0.53	0.001	62510000
0400	327.8	0.51	0.001	62514000
0500	328.3	0.51	0.001	63210000
0600	327.7	0.50	0.001	63291000
0700	326.6	0.50	0.001	63070000
0800	326.2	0.51	0.001	63124000
0900	326.1	0.51	0.001	63312000
1000	325.5	0.52	0.001	63097000
1100	323.8	0.56	0.001	62568000
1200	324.0	0.53	0.001	62228000
1300	323.9	0.53	0.001	62134000
1400	324.1	0.54	0.001	62249000
1500	323.1	0.53	0.001	62373000
1600	322.6	0.53	0.001	62907000
1700	322.9	0.55	0.001	62458000
1800	322.4	0.54	0.001	62464000
1900	322.4	0.53	0.001	62281000
2000	321.0	0.53	0.001	62265000
2100	321.8	0.51	0.001	62289000
2200	322.1	0.52	0.001	62234000
2300	323.0	0.52	0.001	62220000
AVG	324.9	0.53	0.001	62588708.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:42:20

Reporting Period  
Day: 09/05/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	323.1	0.52	0.001	62434000
0100	323.9	0.52	0.001	62348000
0200	324.0	0.53	0.001	63067000
0300	324.0	0.53	0.001	62901000
0400	323.4	0.54	0.001	63024000
0500	322.3	0.54	0.001	62660000
0600	322.6	0.53	0.001	62342000
0700	322.7	0.56	0.001	62526000
0800	322.6	0.56	0.001	62446000
0900	323.2	0.57	0.001	62707000
1000	324.1	0.58	0.001	62707000
1100	324.1	0.61	0.001	62627000
1200	323.9	0.60	0.001	62699000
1300	324.0	0.61	0.001	62506000
1400	323.6	0.59	0.001	61930000
1500	323.2	0.59	0.001	62226000
1600	323.2	0.58	0.001	62023000
1700	323.2	0.60	0.001	62342000
1800	323.7	0.61	0.001	61906000
1900	323.4	0.62	0.001	62524000
2000	323.8	0.62	0.001	62677000
2100	323.8	0.60	0.001	62452000
2200	324.7	0.59	0.001	62494000
2300	323.9	0.58	0.001	62820000
AVG	323.5	0.57	0.001	62516166.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:04:59

Reporting Period  
Day: 09/06/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	324.8	0.57	0.001	62557000
0100	325.4	0.57	0.001	62965000
0200	326.5	0.58	0.001	62650000
0300	324.9	0.61	0.001	62157000
0400	326.6	0.60	0.001	62300000
0500	326.0	0.61	0.001	62761000
0600	326.2	0.60	0.001	62970000
0700	325.3	0.60	0.001	62397000
0800	326.3	0.60	0.001	62189000
0900	325.7	0.61	0.001	62070000
1000	325.6	0.63	0.001	61745000
1100	325.7	0.86	0.001	62111000
1200	325.8	0.61	0.001	61888000
1300	326.6	0.58	0.001	62307000
1400	327.0	0.60	0.001	63137000
1500	326.7	0.57	0.001	62779000
1600	327.0	0.58	0.001	62828000
1700	326.9	0.58	0.001	62517000
1800	326.9	0.59	0.001	62502000
1900	326.5	0.60	0.001	62822000
2000	325.9	0.59	0.001	63238000
2100	326.8	0.58	0.001	63131000
2200	327.4	0.57	0.001	63046000
2300	327.7	0.56	0.001	63303000
AVG	326.3	0.60	0.001	62598750.0



Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:05:28

Reporting Period  
Day: 09/07/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	327.2	0.58	0.001	62939000
0100	328.0	0.57	0.001	63314000
0200	327.9	0.56	0.001	63298000
0300	328.4	0.57	0.001	63459000
0400	329.0	0.56	0.001	63341000
0500	328.5	0.55	0.002	63255000
0600	328.1	0.55	0.002	63142000
0700	327.7	0.56	0.002	63614000
0800	328.1	0.56	0.001	63265000
0900	327.1	0.57	0.001	63072000
1000	328.5	0.58	0.001	63270000
1100	328.4	0.58	0.001	63725000
1200	328.6	0.57	0.001	63244000
1300	327.6	0.57	0.001	63047000
1400	328.4	0.57	0.001	63132000
1500	328.0	0.58	0.001	63095000
1600	328.5	0.58	0.001	63271000
1700	327.4	0.57	0.001	63053000
1800	326.1	0.57	0.001	62834000
1900	325.5	0.58	0.001	62529000
2000	325.8	0.57	0.001	62162000
2100	326.1	0.56	0.001	62711000
2200	325.7	0.58	0.001	62690000
2300	310.5	0.54	0.001	60993000
AVG	326.9	0.57	0.001	63018958.3

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Tampa Electric  
Unit 3  
Big Bend 3-4  
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Today's Date: 09/14/2012  
Time: 09:05:51

Reporting Period  
Day: 09/08/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	303.7	0.56	0.001	60172000
0100	327.1	0.59	0.001	63027000
0200	328.5	0.57	0.001	63432000
0300	329.0	0.57	0.001	63501000
0400	328.1	0.55	0.001	63421000
0500	328.4	0.55	0.001	63320000
0600	327.9	0.54	0.001	62801000
0700	327.5	0.53	0.001	63282000
0800	327.2	0.55	0.001	63233000
0900	327.1	0.54	0.001	63420000
1000	327.8	0.56	0.001	63148000
1100	327.9	0.56	0.001	63255000
1200	327.4	0.55	0.001	62950000
1300	326.5	0.55	0.001	62919000
1400	327.5	0.56	0.001	63111000
1500	326.9	0.54	0.001	62632000
1600	327.4	0.53	0.001	62525000
1700	327.5	0.54	0.001	62492000
1800	327.6	0.56	0.001	63586000
1900	327.0	0.54	0.001	63192000
2000	325.9	0.53	0.001	63032000
2100	326.3	0.54	0.001	63602000
2200	326.5	0.52	0.001	63410000
2300	327.3	0.52	0.001	63538000
AVG	326.4	0.55	0.001	63041708.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:06:11

Reporting Period  
Day: 09/09/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	326.6	0.53	0.001	62989000
0100	326.8	0.52	0.001	62840000
0200	327.8	0.51	0.001	63176000
0300	328.1	0.51	0.001	63277000
0400	328.1	0.52	0.001	63543000
0500	327.5	0.51	0.001	63517000
0600	327.7	0.52	0.001	63378000
0700	328.4	0.50	0.001	63501000
0800	328.1	0.56	0.001	63239000
0900	327.5	0.50	0.001	63351000
1000	326.8	0.50	0.001	63490000
1100	326.8	0.49	0.001	63823000
1200	326.5	0.50	0.001	63769000
1300	326.8	0.52	0.001	63591000
1400	326.4	0.51	0.001	63645000
1500	325.5	0.52	0.001	62994000
1600	325.4	0.51	0.001	62589000
1700	325.7	0.51	0.001	63330000
1800	325.8	0.50	0.001	63362000
1900	324.7	0.51	0.001	62759000
2000	325.4	0.50	0.001	63089000
2100	325.4	0.50	0.001	62549000
2200	325.7	0.50	0.001	63292000
2300	326.0	0.51	0.001	63196000
AVG	326.6	0.51	0.001	63262041.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:06:33

Reporting Period  
Day: 09/10/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	325.7	0.49	0.001	63025000
0100	325.8	0.49	0.001	63015000
0200	325.8	0.50	0.001	62833000
0300	326.7	0.49	0.001	63170000
0400	326.2	0.49	0.001	63335000
0500	325.9	0.48	0.001	63629000
0600	325.2	0.50	0.001	62864000
0700	325.5	0.49	0.001	63580000
0800	325.7	0.51	0.001	63126000
0900	326.5	0.51	0.001	63222000
1000	327.8	0.49	0.001	63430000
1100	328.0	0.50	0.001	62841000
1200	327.6	0.52	0.001	62976000
1300	327.4	0.51	0.001	62570000
1400	326.8	0.50	0.001	62785000
1500	327.9	0.49	0.001	62479000
1600	328.5	0.50	0.001	62424000
1700	328.2	0.52	0.001	61968000
1800	327.7	0.52	0.001	62605000
1900	327.7	0.51	0.001	62271000
2000	327.5	0.51	0.001	62433000
2100	328.0	0.49	0.001	61991000
2200	327.6	0.49	0.001	62410000
2300	327.5	0.51	0.001	62699000
AVG	327.0	0.50	0.001	62820041.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:06:51

Reporting Period  
Day: 09/11/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	327.3	0.52	0.001	62684000
0100	326.7	0.50	0.001	62996000
0200	326.2	0.49	0.001	62562000
0300	326.2	0.50	0.001	62980000
0400	327.1	0.50	0.001	62609000
0500	326.8	0.51	0.001	62301000
0600	327.2	0.51	0.001	62897000
0700	326.5	0.52	0.001	62660000
0800	326.0	0.51	0.001	62370000
0900	326.9	0.51	0.001	62795000
1000	326.6	0.53	0.001	62832000
1100	326.6	0.53	0.001	63063000
1200	326.1	0.52	0.001	62463000
1300	326.3	0.52	0.001	62191000
1400	327.4	0.52	0.001	62012000
1500	327.2	0.52	0.001	62729000
1600	327.9	0.51	0.001	62889000
1700	327.3	0.51	0.001	62798000
1800	325.6	0.52	0.001	62138000
1900	326.6	0.52	0.001	62345000
2000	326.6	0.53	0.001	62615000
2100	326.3	0.53	0.001	62275000
2200	326.6	0.53	0.001	62593000
2300	325.9	0.52	0.001	62103000
AVG	326.7	0.52	0.001	62579166.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:07:11

Reporting Period  
Day: 09/12/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	326.4	0.53	0.001	62108000
0100	326.2	0.54	0.001	61854000
0200	326.3	0.54	0.001	62351000
0300	326.4	0.53	0.001	62444000
0400	325.6	0.53	0.001	62680000
0500	326.0	0.54	0.001	62459000
0600	326.7	0.54	0.001	62538000
0700	326.3	0.54	0.001	61928000
0800	326.2	0.55	0.001	62484000
0900	326.1	0.79	0.001	62845000
1000	326.5	1.63	0.002	62458000
1100	327.5	1.82	0.003	62764000
1200	327.9	2.63	0.004	62761000
1300	328.7	2.81	0.004	62532000
1400	328.5	2.81	0.004	62500000
1500	328.0	2.83	0.004	62223000
1600	328.2	3.09	0.005	62737000
1700	328.5	2.91	0.004	62864000
1800	328.3	2.96	0.005	62715000
1900	327.6	3.18	0.005	62736000
2000	326.4	2.99	0.005	62816000
2100	327.5	2.77	0.004	62685000
2200	329.0	2.78	0.004	62796000
2300	330.1	2.81	0.004	63335000
AVG	327.3	1.82	0.003	62567208.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:07:32

Reporting Period  
Day: 09/13/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	330.3	2.96	0.004	62850000
0100	329.5	3.24	0.005	63417000
0200	329.0	3.27	0.005	63171000
0300	328.8	3.27	0.005	62929000
0400	328.9	3.25	0.005	62757000
0500	329.1	3.23	0.005	62901000
0600	331.0	3.30	0.005	63294000
0700	331.7	3.38	0.005	64271000
0800	332.6	3.10	0.005	64251000
0900	331.8	3.15	0.005	63830000
1000	331.5	3.00	0.005	64002000
1100	331.5	2.94	0.005	63621000
1200	332.2	2.87	0.004	63310000
1300	332.1	2.94	0.005	63606000
1400	332.3	3.11	0.005	63150000
1500	331.0	3.17	0.005	63370000
1600	330.6	3.21	0.005	63703000
1700	330.6	3.14	0.005	63563000
1800	330.5	3.17	0.005	63494000
1900	330.1	3.15	0.005	63156000
2000	329.5	3.14	0.005	63364000
2100	328.9	3.13	0.005	63369000
2200	330.4	3.12	0.005	63428000
2300	331.5	3.17	0.005	63412000
AVG	330.6	3.14	0.005	63425791.7

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Tampa Electric  
Unit 3  
Big Bend 3-4  
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Today's Date: 10/09/2012  
Time: 07:55:03

Reporting Period  
Day: 09/14/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.6	3.00	0.005	63391000
0100	332.3	2.89	0.004	63874000
0200	331.1	2.83	0.004	63923000
0300	331.3	2.86	0.004	63681000
0400	330.8	2.90	0.004	63575000
0500	330.6	2.91	0.004	63735000
0600	330.1	2.80	0.004	63456000
0700	330.9	2.91	0.004	64020000
0800	330.0	3.03	0.005	63563000
0900	330.0	3.03	0.005	63702000
1000	330.7	3.02	0.005	63611000
1100	330.7	2.91	0.004	64083000
1200	330.1	2.91	0.004	63130000
1300	329.7	2.83	0.004	63505000
1400	330.8	2.87	0.004	63932000
1500	329.8	2.87	0.004	63174000
1600	329.8	2.92	0.004	63286000
1700	330.3	2.88	0.004	63708000
1800	329.1	2.99	0.005	62890000
1900	327.7	2.84	0.004	62739000
2000	327.7	2.89	0.004	62909000
2100	329.1	2.84	0.004	63424000
2200	329.7	2.88	0.004	63911000
2300	325.4	2.82	0.004	63059000
AVG	330.0	2.90	0.004	63511708.3



Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:55:26

Reporting Period  
Day: 09/15/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	284.1	2.75	0.004	58620000
0100	292.9	2.74	0.004	59531000
0200	329.7	3.04	0.005	63403000
0300	330.8	2.75	0.004	63848000
0400	330.4	2.74	0.004	64131000
0500	330.2	2.80	0.004	63596000
0600	330.7	2.77	0.004	63574000
0700	329.8	2.74	0.004	63477000
0800	330.3	2.78	0.004	63815000
0900	330.1	2.89	0.004	64008000
1000	329.7	3.12	0.005	63825000
1100	328.8	3.15	0.005	63691000
1200	328.9	3.00	0.005	63300000
1300	329.3	2.91	0.004	63397000
1400	329.9	2.88	0.004	63595000
1500	329.6	2.83	0.004	63633000
1600	329.3	2.71	0.004	63366000
1700	329.7	2.71	0.004	63093000
1800	328.9	2.74	0.004	63398000
1900	330.5	2.72	0.004	63650000
2000	329.8	2.70	0.004	63762000
2100	329.6	2.63	0.004	63799000
2200	328.9	2.71	0.004	63246000
2300	329.9	2.70	0.004	63810000
AVG	326.3	2.81	0.004	63232000.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:55:49

Reporting Period  
Day: 09/16/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.9	2.72	0.004	63859000
0100	331.7	2.73	0.004	64036000
0200	331.5	2.75	0.004	64154000
0300	330.7	2.77	0.004	63682000
0400	331.0	2.68	0.004	63752000
0500	330.4	2.49	0.004	63902000
0600	330.9	2.47	0.004	63746000
0700	331.2	2.47	0.004	64368000
0800	330.4	2.47	0.004	64056000
0900	329.1	2.53	0.004	63584000
1000	329.8	2.45	0.004	63665000
1100	330.3	2.42	0.004	63177000
1200	330.2	2.46	0.004	64088000
1300	329.7	2.38	0.004	63628000
1400	328.8	2.36	0.004	63286000
1500	329.0	2.34	0.004	63377000
1600	330.2	2.34	0.004	63586000
1700	330.8	2.30	0.004	63902000
1800	330.0	2.37	0.004	63468000
1900	329.5	2.36	0.004	63966000
2000	328.1	2.37	0.004	63971000
2100	328.0	2.39	0.004	63478000
2200	328.1	2.37	0.004	63693000
2300	328.7	2.38	0.004	63344000
AVG	330.0	2.47	0.004	63740333.3

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Tampa Electric  
Unit 3  
Big Bend 3-4

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Today's Date: 10/09/2012  
Time: 07:56:08

Reporting Period  
Day: 09/17/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	329.1	2.37	0.004	63419000
0100	329.8	2.43	0.004	62861000
0200	330.3	2.43	0.004	63318000
0300	328.8	2.38	0.004	63082000
0400	328.5	2.41	0.004	63307000
0500	327.9	2.43	0.004	63721000
0600	328.3	2.42	0.004	62383000
0700	328.8	2.44	0.004	63302000
0800	328.6	2.40	0.004	63805000
0900	327.5	2.40	0.004	63799000
1000	327.3	2.39	0.004	63275000
1100	327.9	2.37	0.004	63875000
1200	329.3	2.39	0.004	63537000
1300	329.5	2.38	0.004	64367000
1400	328.4	2.37	0.004	63596000
1500	326.8	2.33	0.004	63186000
1600	327.3	2.31	0.004	63239000
1700	327.3	2.27	0.004	63234000
1800	328.2	2.31	0.004	63618000
1900	328.4	2.31	0.004	64151000
2000	327.7	2.28	0.004	63703000
2100	327.8	2.27	0.004	63356000
2200	327.2	2.27	0.004	63676000
2300	327.4	2.30	0.004	63249000
AVG	328.3	2.36	0.004	63460791.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:56:29

Reporting Period  
Day: 09/18/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	328.1	2.30	0.004	63751000
0100	326.8	2.30	0.004	63848000
0200	326.0	2.28	0.004	63698000
0300	326.3	2.28	0.004	63922000
0400	326.1	2.28	0.004	63731000
0500	325.5	2.24	0.003	64029000
0600	324.8	2.25	0.003	63576000
0700	324.6	2.19	0.003	64221000
0800	324.6	2.11	0.003	64289000
0900	324.5	2.13	0.003	63750000
1000	323.1	2.10	0.003	63287000
1100	323.5	2.16	0.003	63746000
1200	324.0	2.18	0.003	63393000
1300	323.5	2.20	0.003	63975000
1400	323.8	2.19	0.003	63934000
1500	323.7	2.16	0.003	63426000
1600	324.1	2.16	0.003	63965000
1700	324.0	2.17	0.003	64041000
1800	323.5	2.16	0.003	63992000
1900	322.9	2.18	0.003	64666000
2000	323.4	2.18	0.003	63892000
2100	318.2	2.17	0.003	63576000
2200	181.7	2.12	0.004	47262000
2300	94.0	2.01	0.005	37862000
AVG	308.8	2.19	0.003	62076333.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:56:53

Reporting Period  
Day: 09/19/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	97.8	1.90	0.004	38680000
0100	94.7	1.95	0.005	38669000
0200	99.8	1.89	0.004	38879000
0300	96.4	2.05	0.005	38475000
0400	95.3	2.17	0.005	38342000
0500	94.4	2.17	0.005	38490000
0600	91.2	2.13	0.005	38495000
0700	88.9	2.18	0.005	37974000
0800	88.2	2.11	0.005	38422000
0900	87.7	2.11	0.005	37480000
1000	84.5	2.15	0.005	37424000
1100	83.9	2.11	0.005	37486000
1200	83.3	2.09	0.005	37262000
1300	85.0	2.10	0.005	36896000
1400	85.1	2.16	0.005	37149000
1500	83.9	2.08	0.005	36346000
1600	80.7	2.08	0.005	37578000
1700	94.1	2.12	0.005	37650000
1800	179.4	2.04	0.004	48702000
1900	271.8	3.24	0.006	62115000
2000	284.6	2.58	0.004	61864000
2100	287.8	2.48	0.004	61834000
2200	204.8	2.22	0.004	49049000
2300	211.5	2.19	0.004	51350000
AVG	127.3	2.18	0.005	42358791.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:57:13

Reporting Period  
Day: 09/20/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	211.4	1.91	0.003	51218000
0100	216.0	1.48	0.003	51342000
0200	216.5	1.38	0.002	50427000
0300	216.4	1.17	0.002	49904000
0400	216.6	0.67	0.001	50066000
0500	216.4	0.70	0.001	49942000
0600	216.7	0.67	0.001	49777000
0700	216.4	0.68	0.001	49942000
0800	216.6	0.71	0.001	50204000
0900	216.4	0.75	0.001	50430000
1000	216.9	0.80	0.001	50094000
1100	216.4	0.68	0.001	50385000
1200	234.8	0.73	0.001	51698000
1300	275.6	0.83	0.001	58746000
1400	313.3	0.92	0.001	62687000
1500	331.0	0.97	0.001	63239000
1600	330.0	0.94	0.001	62454000
1700	329.8	0.93	0.001	62711000
1800	330.6	0.95	0.001	62758000
1900	331.4	0.96	0.001	62842000
2000	331.5	0.96	0.001	62819000
2100	332.6	0.98	0.001	62479000
2200	333.3	0.92	0.001	63005000
2300	333.0	0.97	0.001	62484000
AVG	266.7	0.94	0.001	55902208.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:57:37

Reporting Period  
Day: 09/21/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	332.8	1.01	0.002	63130000
0100	333.5	0.99	0.002	62787000
0200	333.1	1.00	0.002	62451000
0300	331.9	0.99	0.002	62837000
0400	332.5	0.98	0.001	62325000
0500	333.1	1.04	0.002	63147000
0600	332.5	1.03	0.002	63233000
0700	331.3	1.14	0.002	62933000
0800	330.8	1.00	0.002	62723000
0900	331.3	0.97	0.001	62777000
1000	333.6	1.03	0.002	63077000
1100	333.4	0.99	0.002	62734000
1200	333.1	0.96	0.001	62490000
1300	332.7	0.96	0.001	62549000
1400	332.3	0.96	0.001	62828000
1500	332.7	0.96	0.001	62887000
1600	332.7	0.99	0.002	62294000
1700	333.0	1.00	0.002	63175000
1800	333.2	1.11	0.002	63265000
1900	332.5	1.04	0.002	62772000
2000	333.2	1.01	0.002	63758000
2100	278.1	1.01	0.002	56909000
2200	252.2	0.94	0.002	54574000
2300	252.1	0.93	0.002	54114000
AVG	323.7	1.00	0.002	61907041.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:57:58

Reporting Period  
Day: 09/22/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	253.8	0.94	0.002	55037000
0100	252.2	0.99	0.002	54868000
0200	252.2	0.98	0.002	54137000
0300	252.2	0.97	0.002	54178000
0400	252.2	0.97	0.002	54256000
0500	252.1	0.95	0.002	54354000
0600	255.9	0.95	0.002	55154000
0700	257.2	0.86	0.001	55354000
0800	258.6	0.99	0.002	55278000
0900	319.4	1.00	0.002	62563000
1000	332.2	1.06	0.002	63339000
1100	332.2	1.06	0.002	63055000
1200	332.8	1.06	0.002	63093000
1300	333.1	1.07	0.002	63244000
1400	332.7	1.06	0.002	62945000
1500	332.6	1.06	0.002	63212000
1600	332.3	1.03	0.002	62223000
1700	332.7	1.06	0.002	62972000
1800	332.9	2.05	0.003	62917000
1900	333.0	1.56	0.002	62808000
2000	333.3	1.06	0.002	63735000
2100	332.8	1.07	0.002	63515000
2200	302.0	1.07	0.002	60787000
2300	252.3	1.01	0.002	57128000
AVG	298.0	1.08	0.002	59589666.7



Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:58:17

Reporting Period  
Day: 09/23/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	252.1	0.99	0.002	57331000
0100	252.1	0.98	0.002	57651000
0200	252.1	0.97	0.002	57342000
0300	252.1	0.88	0.002	57557000
0400	252.1	0.99	0.002	57654000
0500	252.5	0.97	0.002	57068000
0600	289.6	1.00	0.002	62135000
0700	333.3	1.14	0.002	66858000
0800	333.3	1.08	0.002	66156000
0900	333.5	1.00	0.002	65187000
1000	333.3	0.81	0.001	64989000
1100	333.3	0.80	0.001	64669000
1200	333.4	0.81	0.001	65139000
1300	333.3	0.79	0.001	64668000
1400	332.7	0.78	0.001	63869000
1500	332.7	0.77	0.001	64206000
1600	333.4	0.76	0.001	63527000
1700	333.3	0.76	0.001	63339000
1800	333.0	0.76	0.001	63173000
1900	332.5	0.75	0.001	62964000
2000	305.7	0.74	0.001	60788000
2100	268.0	0.69	0.001	57212000
2200	267.5	0.65	0.001	58206000
2300	267.4	0.62	0.001	58973000
AVG	301.8	0.85	0.001	61694208.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:58:42

Reporting Period  
Day: 09/24/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	267.3	0.60	0.001	59649000
0100	267.4	0.59	0.001	59419000
0200	267.5	0.57	0.001	59367000
0300	267.5	0.56	0.001	59608000
0400	267.4	0.56	0.001	59489000
0500	281.1	0.59	0.001	60738000
0600	332.4	0.76	0.001	66315000
0700	332.8	0.70	0.001	65149000
0800	333.2	0.68	0.001	63873000
0900	333.4	0.67	0.001	63710000
1000	333.5	0.69	0.001	63251000
1100	333.8	0.71	0.001	63149000
1200	333.0	0.73	0.001	63032000
1300	333.1	0.72	0.001	63424000
1400	333.2	0.71	0.001	62807000
1500	332.7	0.70	0.001	63632000
1600	332.3	0.71	0.001	63128000
1700	332.1	0.70	0.001	63301000
1800	331.3	0.69	0.001	62906000
1900	331.7	0.70	0.001	62900000
2000	333.3	0.70	0.001	63316000
2100	333.4	0.69	0.001	63959000
2200	332.5	0.71	0.001	63591000
2300	333.4	0.72	0.001	65257000
AVG	317.1	0.67	0.001	62707083.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:59:00

Reporting Period  
Day: 09/25/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	333.3	0.76	0.001	65226000
0100	332.4	0.71	0.001	64504000
0200	334.0	0.76	0.001	64370000
0300	333.5	0.68	0.001	64948000
0400	333.2	0.69	0.001	64707000
0500	332.1	0.67	0.001	63597000
0600	332.5	0.68	0.001	63749000
0700	333.6	0.69	0.001	63994000
0800	333.6	0.70	0.001	64286000
0900	333.8	0.69	0.001	64351000
1000	333.7	0.70	0.001	63878000
1100	333.7	0.72	0.001	64346000
1200	333.7	0.73	0.001	64561000
1300	333.6	0.76	0.001	64355000
1400	333.2	0.75	0.001	64065000
1500	333.4	0.75	0.001	63646000
1600	333.6	0.76	0.001	64111000
1700	333.5	0.77	0.001	63655000
1800	333.1	0.77	0.001	63644000
1900	332.1	0.81	0.001	63246000
2000	332.2	0.78	0.001	63627000
2100	332.2	0.77	0.001	63972000
2200	332.7	0.77	0.001	64611000
2300	332.4	0.75	0.001	64116000
AVG	333.1	0.73	0.001	64148541.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 07:59:19

Reporting Period  
Day: 09/26/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.7	0.76	0.001	63466000
0100	332.4	0.76	0.001	64536000
0200	332.5	0.78	0.001	64665000
0300	333.6	0.75	0.001	65027000
0400	333.5	0.75	0.001	64339000
0500	333.7	0.73	0.001	63877000
0600	333.8	0.72	0.001	64254000
0700	333.7	0.73	0.001	64633000
0800	333.6	0.73	0.001	64312000
0900	333.6	0.76	0.001	63680000
1000	333.3	0.89	0.001	63885000
1100	332.8	0.85	0.001	62887000
1200	333.7	0.85	0.001	63718000
1300	333.8	0.88	0.001	64025000
1400	333.2	0.88	0.001	64376000
1500	333.7	0.87	0.001	63660000
1600	333.7	0.88	0.001	64192000
1700	333.8	0.86	0.001	64499000
1800	333.7	0.86	0.001	64751000
1900	333.8	0.85	0.001	64962000
2000	333.6	0.86	0.001	65523000
2100	326.7	0.87	0.001	63798000
2200	297.3	0.86	0.001	61613000
2300	303.1	0.90	0.002	64212000
AVG	330.3	0.82	0.001	64120416.7

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Tampa Electric  
Unit 3  
Big Bend 3-4  
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Today's Date: 10/09/2012  
Time: 07:59:37

Reporting Period  
Day: 09/27/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	303.1	0.88	0.001	64509000
0100	303.1	0.87	0.001	63853000
0200	303.2	0.83	0.001	63304000
0300	303.0	0.83	0.001	63704000
0400	303.1	0.83	0.001	63444000
0500	303.2	0.82	0.001	63660000
0600	324.8	0.82	0.001	65555000
0700	318.1	0.79	0.001	63729000
0800	208.1	0.60	0.001	49155000
0900	216.4	0.57	0.001	51446000
1000	216.4	0.59	0.001	50716000
1100	216.9	0.56	0.001	49457000
1200	221.0	0.59	0.001	49580000
1300	229.6	0.60	0.001	51997000
1400	232.1	0.60	0.001	52653000
1500	284.4	0.65	0.001	58818000
1600	309.4	0.78	0.001	61837000
1700	331.4	0.79	0.001	63891000
1800	330.5	0.74	0.001	62717000
1900	329.6	0.71	0.001	61911000
2000	329.6	0.69	0.001	61359000
2100	330.3	0.69	0.001	61586000
2200	331.3	0.69	0.001	61749000
2300	331.6	0.67	0.001	62272000
AVG	287.9	0.72	0.001	59287583.3

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:00:00

Reporting Period  
Day: 09/28/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	331.0	0.66	0.001	61409000
0100	330.0	0.67	0.001	61152000
0200	330.6	0.66	0.001	61681000
0300	331.0	0.65	0.001	61993000
0400	331.0	0.66	0.001	61564000
0500	331.1	0.66	0.001	62004000
0600	331.0	0.65	0.001	61868000
0700	330.5	0.67	0.001	61983000
0800	331.5	0.67	0.001	62241000
0900	333.9	0.69	0.001	63536000
1000	333.8	0.73	0.001	63643000
1100	333.4	0.72	0.001	63687000
1200	333.2	0.75	0.001	63633000
1300	333.1	0.74	0.001	63762000
1400	333.6	0.75	0.001	63532000
1500	333.6	0.76	0.001	63959000
1600	333.5	0.76	0.001	63825000
1700	332.9	0.75	0.001	63340000
1800	333.6	0.78	0.001	63756000
1900	333.5	0.72	0.001	63436000
2000	333.7	0.72	0.001	63671000
2100	333.6	0.72	0.001	63938000
2200	333.4	0.70	0.001	63922000
2300	333.7	0.69	0.001	63607000
AVG	332.5	0.71	0.001	62964250.0

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:00:18

Reporting Period  
Day: 09/29/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	333.4	0.70	0.001	63778000
0100	333.6	0.70	0.001	63844000
0200	333.6	0.71	0.001	63848000
0300	333.6	0.70	0.001	63736000
0400	333.4	0.70	0.001	63853000
0500	333.0	0.69	0.001	63784000
0600	333.3	0.68	0.001	63672000
0700	333.5	0.69	0.001	63918000
0800	333.5	0.71	0.001	63998000
0900	332.5	0.72	0.001	63944000
1000	332.6	0.76	0.001	63575000
1100	332.4	0.72	0.001	63340000
1200	332.4	0.71	0.001	63677000
1300	331.8	0.71	0.001	62610000
1400	331.0	0.70	0.001	62648000
1500	331.9	0.72	0.001	63021000
1600	331.8	0.71	0.001	62788000
1700	332.1	0.72	0.001	63212000
1800	331.9	0.72	0.001	62915000
1900	332.2	0.71	0.001	63329000
2000	332.1	0.71	0.001	63149000
2100	332.3	0.70	0.001	63436000
2200	332.5	0.69	0.001	62951000
2300	332.6	0.70	0.001	63154000
AVG	332.6	0.71	0.001	63424166.7

Tampa Electric  
Unit 3  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:00:38

Reporting Period  
Day: 09/30/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	332.1	0.70	0.001	63654000
0100	331.4	0.68	0.001	63564000
0200	331.3	0.68	0.001	63213000
0300	331.8	0.67	0.001	62989000
0400	332.1	0.69	0.001	63123000
0500	332.0	0.69	0.001	63453000
0600	331.5	0.68	0.001	63671000
0700	331.7	0.66	0.001	63234000
0800	331.7	0.66	0.001	63635000
0900	330.9	0.69	0.001	62824000
1000	330.8	0.70	0.001	63170000
1100	330.4	0.71	0.001	62729000
1200	330.1	0.72	0.001	62846000
1300	330.2	0.71	0.001	62554000
1400	330.3	0.72	0.001	62676000
1500	330.3	0.72	0.001	62894000
1600	330.4	0.71	0.001	63016000
1700	330.9	0.71	0.001	62990000
1800	331.0	0.71	0.001	63175000
1900	332.2	0.72	0.001	63478000
2000	332.4	0.74	0.001	63775000
2100	331.8	0.72	0.001	63536000
2200	331.6	0.71	0.001	63462000
2300	331.7	0.70	0.001	63425000
AVG	331.3	0.70	0.001	63211916.7



**TAMPA ELECTRIC COMPANY  
BIG BEND STATION**

**Sick Mahaik PM CEM Daily Reports**  
**Unit 4**

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:09:51

Reporting Period  
Day: 07/01/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	449.4	1.39	0.002	79729000
0100	448.9	1.38	0.002	79221000
0200	449.7	1.36	0.002	78947000
0300	418.1	1.37	0.002	73679000
0400	449.5	1.33	0.002	79450000
0500	448.6	1.29	0.002	78589000
0600	450.3	1.33	0.002	78996000
0700	451.0	1.31	0.002	78344000
0800	451.7	1.38	0.002	78357000
0900	450.9	1.40	0.002	77747000
1000	451.1	1.45	0.002	78571000
1100	449.4	1.45	0.002	78912000
1200	449.4	1.38	0.002	77801000
1300	449.8	1.39	0.002	78057000
1400	449.3	1.36	0.002	78766000
1500	448.9	1.29	0.002	77834000
1600	449.8	1.33	0.002	77510000
1700	449.3	1.34	0.002	76781000
1800	450.1	1.28	0.002	76515000
1900	448.3	1.17	0.002	76866000
2000	449.6	1.16	0.002	77475000
2100	450.9	1.14	0.002	77515000
2200	451.6	1.10	0.002	77203000
2300	450.4	1.10	0.002	78497000
AVG	448.6	1.31	0.002	77973416.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:10:18

Reporting Period  
Day: 07/02/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	450.2	1.03	0.002	77364000
0100	449.9	1.01	0.002	77999000
0200	450.8	0.99	0.002	77883000
0300	452.4	0.99	0.002	79008000
0400	451.8	0.97	0.002	78845000
0500	451.3	0.95	0.002	78213000
0600	451.2	0.98	0.002	77982000
0700	428.0	1.01	0.002	75276000
0800	434.4	1.00	0.002	75168000
0900	452.1	1.12	0.002	78815000
1000	448.8	1.12	0.002	79004000
1100	442.8	1.06	0.002	77290000
1200	444.3	1.02	0.002	77853000
1300	443.4	1.02	0.002	77777000
1400	443.3	1.03	0.002	77884000
1500	443.9	1.01	0.002	76054000
1600	443.8	1.03	0.002	76405000
1700	421.0	1.07	0.002	74464000
1800	428.4	1.10	0.002	74868000
1900	443.6	1.08	0.002	79889000
2000	443.6	1.06	0.002	79301000
2100	443.6	1.07	0.002	78091000
2200	443.8	1.08	0.002	78145000
2300	387.0	1.02	0.002	67940000
AVG	441.4	1.03	0.002	77146583.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:11:17

Reporting Period  
Day: 07/03/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	385.1	0.93	0.002	68041000
0100	385.0	0.87	0.001	68037000
0200	384.8	0.84	0.001	67657000
0300	385.4	0.81	0.001	67871000
0400	423.1	0.92	0.002	73297000
0500	443.9	1.07	0.002	78520000
0600	443.9	1.06	0.002	78524000
0700	443.5	1.04	0.002	77828000
0800	443.7	1.08	0.002	78251000
0900	443.6	1.11	0.002	78899000
1000	443.7	1.21	0.002	79467000
1100	443.2	1.49	0.002	79277000
1200	443.4	1.27	0.002	79164000
1300	436.8	1.23	0.002	77494000
1400	378.7	1.28	0.002	67887000
1500	377.8	1.06	0.002	67764000
1600	407.8	1.06	0.002	73344000
1700	443.7	1.20	0.002	80070000
1800	429.1	1.30	0.002	77020000
1900	430.2	1.33	0.002	77571000
2000	440.1	1.28	0.002	79604000
2100	402.9	1.23	0.002	72067000
2200	418.3	1.19	0.002	75262000
2300	418.4	1.10	0.002	74994000
AVG	420.7	1.12	0.002	74912916.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:10:59

Reporting Period  
Day: 07/04/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	418.5	1.03	0.002	75604000
0100	418.2	1.03	0.002	75560000
0200	418.5	1.01	0.002	75475000
0300	422.1	1.02	0.002	76527000
0400	423.4	1.04	0.002	76603000
0500	423.5	1.03	0.002	76592000
0600	423.5	1.05	0.002	76724000
0700	423.5	1.09	0.002	76823000
0800	423.5	1.11	0.002	76534000
0900	423.4	1.16	0.002	76578000
1000	423.4	1.21	0.002	76795000
1100	409.0	1.23	0.002	74857000
1200	423.5	1.26	0.002	78194000
1300	423.5	1.22	0.002	77861000
1400	423.6	1.33	0.002	76951000
1500	423.1	1.42	0.002	74780000
1600	423.6	1.28	0.002	73236000
1700	423.5	1.26	0.002	73361000
1800	423.5	1.24	0.002	72974000
1900	413.4	1.25	0.002	70544000
2000	412.8	1.26	0.002	70820000
2100	413.7	1.27	0.002	71935000
2200	413.4	1.30	0.002	72114000
2300	413.0	1.29	0.002	72654000
AVG	420.0	1.18	0.002	75004000.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:11:33.

Reporting Period  
Day: 07/05/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	413.8	1.26	0.002	73965000
0100	413.5	1.25	0.002	73593000
0200	413.6	1.23	0.002	73370000
0300	413.1	1.23	0.002	74202000
0400	413.3	1.20	0.002	73065000
0500	413.6	1.16	0.002	72667000
0600	413.4	1.13	0.002	72840000
0700	413.3	1.15	0.000	72124000
0800	413.3	1.10	0.002	72018000
0900	413.6	1.16	0.002	72898000
1000	413.1	1.07	0.002	72523000
1100	413.3	1.06	0.002	72862000
1200	413.4	1.10	0.002	73864000
1300	413.5	1.08	0.002	72528000
1400	413.1	1.04	0.002	71471000
1500	413.3	1.02	0.002	71840000
1600	413.4	1.04	0.002	71730000
1700	413.5	1.09	0.002	73017000
1800	412.8	1.06	0.002	73287000
1900	413.4	1.06	0.002	72909000
2000	413.9	1.04	0.002	73381000
2100	413.5	1.06	0.002	73765000
2200	413.3	1.10	0.002	74578000
2300	413.0	1.08	0.002	74998000
AVG	413.4	1.12	0.002	73062291.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:11:59

Reporting Period  
Day: 07/06/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	413.9	1.07	0.002	75177000
0100	412.1	1.08	0.002	73898000
0200	413.7	1.08	0.002	74404000
0300	413.1	1.07	0.002	74140000
0400	413.4	1.06	0.002	74427000
0500	413.0	1.05	0.002	74285000
0600	413.5	1.02	0.002	74170000
0700	413.5	0.98	0.002	74296000
0800	413.4	1.00	0.002	74402000
0900	413.4	1.06	0.002	75668000
1000	412.9	1.01	0.002	76435000
1100	413.5	1.03	0.002	77238000
1200	413.6	1.00	0.002	74909000
1300	413.3	1.02	0.002	74524000
1400	413.3	1.02	0.002	75490000
1500	412.9	0.97	0.002	76362000
1600	413.8	0.99	0.002	74898000
1700	413.4	0.98	0.002	75772000
1800	413.5	0.97	0.002	73803000
1900	412.6	0.91	0.002	73219000
2000	414.1	0.88	0.001	71853000
2100	413.5	0.92	0.002	73012000
2200	413.4	0.96	0.002	74153000
2300	412.8	0.92	0.002	77332000
AVG	413.3	1.00	0.002	74744458.3

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Tampa Electric  
Unit 4  
Big Bend 3-4  
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Today's Date: 08/17/2012  
Time: 08:17:34

Reporting Period  
Day: 07/07/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	414.1	0.91	0.002	76754000
0100	413.5	0.89	0.001	75487000
0200	413.6	0.89	0.001	75111000
0300	413.0	0.90	0.002	77078000
0400	413.7	0.85	0.001	74116000
0500	413.5	0.83	0.001	71619000
0600	413.4	0.86	0.001	72669000
0700	413.1	0.83	0.001	71897000
0800	413.5	0.83	0.001	69860000
0900	413.2	0.88	0.001	72449000
1000	413.2	0.91	0.002	76221000
1100	413.1	0.93	0.002	75335000
1200	412.7	0.91	0.002	73400000
1300	413.9	0.89	0.001	74076000
1400	413.3	0.90	0.002	76024000
1500	412.5	0.90	0.002	75910000
1600	413.8	0.92	0.002	75471000
1700	413.4	0.95	0.002	74838000
1800	413.6	0.96	0.002	75244000
1900	413.0	0.91	0.002	74735000
2000	412.5	0.84	0.001	72185000
2100	413.8	0.84	0.001	72261000
2200	413.4	0.82	0.001	72683000
2300	318.1	0.78	0.001	55496000
AVG	409.4	0.88	0.001	73371625.0



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:18:06

Reporting Period  
Day: 07/08/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	252.3	0.67	0.001	45344000
0100	213.3	0.64	0.001	41100000
0200	138.8	0.63	0.002	37138000
0300	232.8	0.60	0.001	42760000
0400	277.2	0.53	0.001	48119000
0500	276.1	0.50	0.001	49103000
0600	277.1	0.50	0.001	50495000
0700	295.6	0.51	0.001	52714000
0800	407.0	0.66	0.001	70308000
0900	412.5	0.72	0.001	71006000
1000	412.5	0.75	0.001	71920000
1100	412.6	0.80	0.001	71997000
1200	411.2	0.82	0.001	70737000
1300	411.9	0.84	0.001	71518000
1400	364.0	0.94	0.002	62450000
1500	384.6	0.84	0.001	66810000
1600	411.3	0.87	0.001	75340000
1700	412.2	0.88	0.001	76146000
1800	412.4	0.87	0.001	75244000
1900	412.8	0.87	0.001	74480000
2000	411.4	0.87	0.001	75605000
2100	412.4	0.89	0.001	76001000
2200	413.5	0.89	0.001	74711000
2300	414.1	0.90	0.001	74568000
AVG	353.3	0.75	0.001	63567250.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:18:27

Reporting Period  
Day: 07/09/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	413.1	0.92	0.002	7470000
0100	413.6	0.90	0.001	75848000
0200	414.1	0.93	0.002	77561000
0300	413.8	0.94	0.002	76701000
0400	413.1	0.94	0.002	76756000
0500	411.4	0.93	0.002	76190000
0600	411.7	0.93	0.002	78786000
0700	412.9	0.96	0.002	78233000
0800	412.5	1.02	0.002	77510000
0900	412.7	1.03	0.002	76758000
1000	411.5	1.04	0.002	78146000
1100	410.5	1.04	0.002	77468000
1200	413.8	1.04	0.002	77387000
1300	414.6	1.05	0.002	78362000
1400	413.6	1.02	0.002	78413000
1500	413.4	1.04	0.002	78352000
1600	412.4	1.07	0.002	77673000
1700	412.6	1.04	0.002	77925000
1800	413.6	1.06	0.002	79081000
1900	413.5	1.04	0.002	79501000
2000	414.2	1.03	0.002	79051000
2100	413.4	1.03	0.002	78540000
2200	412.3	0.96	0.002	78758000
2300	413.8	0.93	0.002	78720000
AVG	413.0	1.00	0.002	77767500.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:18:52

Reporting Period  
Day: 07/10/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	413.9	0.94	0.002	78389000
0100	413.5	0.96	0.002	79704000
0200	413.5	0.98	0.002	75686000
0300	412.4	0.96	0.002	75692000
0400	413.9	0.93	0.002	74776000
0500	413.2	0.94	0.002	74980000
0600	413.5	0.95	0.002	74841000
0700	413.1	0.99	0.002	76459000
0800	412.8	1.00	0.002	78886000
0900	413.6	1.03	0.002	78905000
1000	413.2	1.04	0.002	78851000
1100	413.4	1.07	0.002	77159000
1200	413.4	1.08	0.002	77789000
1300	413.3	1.07	0.002	76959000
1400	413.5	1.07	0.002	77676000
1500	412.7	1.02	0.002	75114000
1600	413.8	1.00	0.002	73512000
1700	413.4	1.02	0.002	73908000
1800	413.0	0.99	0.002	74701000
1900	413.4	0.97	0.002	73815000
2000	413.3	1.01	0.002	73715000
2100	413.1	1.02	0.002	74793000
2200	413.2	1.01	0.002	75058000
2300	413.6	1.00	0.002	75239000
AVG	413.3	1.00	0.002	76108625.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:19:15

Reporting Period  
Day: 07/11/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	413.2	1.00	0.002	74124000
0100	413.3	1.01	0.002	74203000
0200	380.9	1.08	0.002	67875000
0300	413.2	0.99	0.002	73626000
0400	413.5	1.00	0.002	73148000
0500	413.3	1.00	0.002	72451000
0600	413.3	1.01	0.002	72961000
0700	412.8	1.03	0.002	74530000
0800	413.5	1.03	0.002	75620000
0900	413.1	1.05	0.002	75865000
1000	413.2	1.09	0.002	0.000
1100	413.2	1.12	0.002	77832000
1200	413.2	1.14	0.002	76302000
1300	412.9	1.12	0.002	76886000
1400	413.5	1.47	0.002	41790000
1500	413.2	1.05	0.002	78744000
1600	413.3	1.00	0.002	76728000
1700	395.0	0.95	0.002	73508000
1800	378.7	0.92	0.002	70768000
1900	360.1	0.88	0.002	66181000
2000	340.5	0.95	0.002	64871000
2100	338.3	0.80	0.001	63936000
2200	337.5	0.75	0.001	63388000
2300	335.7	0.73	0.001	63955000
AVG	394.9	1.01	0.002	67887166.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:19:37

Reporting Period  
Day: 07/12/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	336.3	0.70	0.001	64246000
0100	337.2	0.67	0.001	63074000
0200	337.9	0.68	0.001	63755000
0300	336.1	0.67	0.001	62910000
0400	337.3	0.66	0.001	61603000
0500	337.3	0.65	0.001	61948000
0600	338.0	0.64	0.001	63479000
0700	338.1	0.67	0.001	63749000
0800	331.2	0.69	0.001	63542000
0900	214.3	0.80	0.002	47267000
1000	58.6	0.60	0.002	38619000
1100	32.7	0.45	0.002	38924000
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	OFFLINE			
1800	OFFLINE			
1900	OFFLINE			
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			
AVG	277.9	0.66	0.001	57759666.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:20:10

Reporting Period  
Day: 07/13/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:20:32

Reporting Period  
Day: 07/14/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:20:52

Reporting Period  
Day: 07/15/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:21:14

Reporting Period  
Day: 07/16/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

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Tampa Electric  
Unit 4  
Big Bend 3-4  
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Today's Date: 08/17/2012  
Time: 08:21:36

Reporting Period  
Day: 07/17/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:22:07

Reporting Period  
Day: 07/18/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	OFFLINE			
1600	OFFLINE			
1700	0.0	0.22	0.001	22104000
1800	0.0	0.23	0.001	23641000
1900	0.0	0.23	0.001	24628000
2000	0.0	0.19	0.001	24374000
2100	0.0	0.19	0.001	24000000
2200	0.0	0.17	0.001	23798000
2300	0.0	0.17	0.001	23889000
AVG	0.0	0.20	0.001	23776285.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:22:51

Reporting Period  
Day: 07/19/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	0.0	0.17	0.001	23995000
0100	0.0	0.17	0.001	23828000
0200	0.0	0.18	0.001	24022000
0300	0.0	0.18	0.001	24079000
0400	0.0	0.18	0.001	23839000
0500	0.0	0.18	0.001	23889000
0600	0.0	0.18	0.001	24205000
0700	0.0	0.17	0.001	24539000
0800	0.0	0.18	0.001	24871000
0900	0.0	0.18	0.001	24513000
1000	7.8	0.18	0.001	23557000
1100	14.4	0.18	0.001	23801000
1200	73.0	0.37	0.001	34274000
1300	201.9	0.61	0.001	47474000
1400	221.5	0.37	0.001	48647000
1500	221.2	0.37	0.001	49263000
1600	216.4	0.42	0.001	47748000
1700	273.9	0.56	0.001	56081000
1800	369.5	0.55	0.001	69001000
1900	422.2	0.62	0.001	75162000
2000	430.2	0.63	0.001	74889000
2100	433.6	0.67	0.001	75502000
2200	436.0	0.72	0.001	75916000
2300	437.6	0.77	0.001	75971000
AVG	156.6	0.37	0.001	42461083.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:23:20

Reporting Period  
Day: 07/20/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	438.3	0.80	0.001	75958000
0100	439.1	0.83	0.001	76961000
0200	438.6	0.86	0.001	76704000
0300	439.2	0.86	0.001	76166000
0400	437.9	0.87	0.001	76774000
0500	438.7	0.90	0.001	76359000
0600	438.6	0.90	0.001	76594000
0700	437.0	0.93	0.002	76652000
0800	438.1	0.95	0.002	76853000
0900	444.4	1.01	0.002	78255000
1000	444.7	1.05	0.002	78312000
1100	444.5	1.06	0.002	78603000
1200	443.7	1.06	0.002	78585000
1300	441.9	1.11	0.002	77400000
1400	443.1	1.10	0.002	78731000
1500	443.1	1.13	0.002	78356000
1600	440.1	1.12	0.002	77657000
1700	437.5	1.09	0.002	77981000
1800	438.7	1.11	0.002	79475000
1900	438.8	1.12	0.002	78179000
2000	439.1	1.14	0.002	78568000
2100	375.0	1.04	0.002	67603000
2200	191.4	1.02	0.002	43304000
2300	151.1	0.85	0.002	38061000
AVG	415.1	1.00	0.002	74087125.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:23:54

Reporting Period  
Day: 07/21/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	150.9	0.80	0.002	38276000
0100	151.0	0.79	0.002	38043000
0200	150.9	0.78	0.002	38121000
0300	150.9	0.77	0.002	38113000
0400	150.9	0.76	0.002	38071000
0500	150.9	0.76	0.002	37864000
0600	150.9	0.79	0.002	37583000
0700	151.8	0.78	0.002	40431000
0800	264.4	0.77	0.001	52257000
0900	387.3	0.91	0.002	70995000
1000	444.4	1.28	0.002	79821000
1100	444.7	1.06	0.002	79086000
1200	445.6	1.08	0.002	79103000
1300	444.6	1.09	0.002	79769000
1400	444.5	1.08	0.002	80043000
1500	444.8	1.12	0.002	79824000
1600	440.6	1.13	0.002	80670000
1700	439.7	1.10	0.002	79780000
1800	441.4	1.35	0.002	78543000
1900	442.8	1.17	0.002	79349000
2000	434.4	1.05	0.002	75509000
2100	265.6	1.09	0.002	49381000
2200	201.4	0.90	0.002	42395000
2300	201.2	0.87	0.002	42629000
AVG	308.2	0.97	0.002	59819000.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:24:12

Reporting Period  
Day: 07/22/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	201.3	0.87	0.002	43647000
0100	201.2	0.84	0.002	44804000
0200	201.3	0.84	0.002	46273000
0300	201.3	0.83	0.002	46617000
0400	201.9	0.80	0.002	46528000
0500	227.3	0.82	0.002	48625000
0600	236.3	0.83	0.001	48725000
0700	236.5	0.81	0.001	48469000
0800	237.4	0.85	0.002	48453000
0900	242.9	0.85	0.002	49167000
1000	246.6	0.87	0.002	49380000
1100	249.5	0.91	0.002	49211000
1200	251.7	0.90	0.002	49405000
1300	256.8	0.96	0.002	50400000
1400	256.7	0.97	0.002	50644000
1500	256.7	0.94	0.002	50630000
1600	256.7	0.92	0.002	52706000
1700	262.6	0.89	0.002	52512000
1800	277.0	0.95	0.002	52929000
1900	277.0	0.98	0.002	54818000
2000	276.8	0.93	0.002	53589000
2100	277.0	0.96	0.002	52903000
2200	277.0	1.00	0.002	52157000
2300	276.7	0.97	0.002	50622000
AVG	245.3	0.90	0.002	49717250.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:24:33

Reporting Period  
Day: 07/23/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	277.0	0.99	0.002	50372000
0100	277.0	0.98	0.002	49768000
0200	276.9	0.97	0.002	48709000
0300	277.0	1.00	0.002	49286000
0400	276.8	0.98	0.002	49683000
0500	276.9	0.99	0.002	49643000
0600	276.9	1.02	0.002	51034000
0700	276.9	0.98	0.002	50952000
0800	277.0	1.04	0.002	51686000
0900	276.7	1.03	0.002	53023000
1000	277.0	1.02	0.002	52793000
1100	276.9	1.07	0.002	52324000
1200	276.9	1.04	0.002	51177000
1300	276.8	1.03	0.002	49758000
1400	277.0	1.06	0.002	50560000
1500	277.0	1.04	0.002	51023000
1600	276.9	1.05	0.002	50482000
1700	276.7	1.05	0.002	50727000
1800	276.9	1.03	0.002	50720000
1900	277.0	1.07	0.002	50702000
2000	277.0	1.05	0.002	50067000
2100	276.9	1.05	0.002	50739000
2200	277.0	1.07	0.002	49970000
2300	276.8	1.05	0.002	50443000
AVG	276.9	1.03	0.002	50651708.3



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:24:53

Reporting Period  
Day: 07/24/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	276.9	1.07	0.002	49864000
0100	276.9	1.04	0.002	49157000
0200	277.0	1.02	0.002	49598000
0300	276.9	1.06	0.002	48880000
0400	277.0	1.03	0.002	49259000
0500	276.7	1.03	0.002	49322000
0600	277.0	1.06	0.002	49833000
0700	277.0	1.06	0.002	49926000
0800	213.4	2.40	0.004	45814000
0900	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			
AVG	269.9	1.20	0.002	49072555.6

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Tampa Electric  
Unit 4  
Big Bend 3-4  
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Today's Date: 08/17/2012  
Time: 08:25:25

Reporting Period  
Day: 07/25/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:25:52

Reporting Period  
Day: 07/26/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	OFFLINE			
1000	OFFLINE			
1100	OFFLINE			
1200	OFFLINE			
1300	OFFLINE			
1400	OFFLINE			
1500	0.0	0.89	0.003	32327000
1600	0.0	0.44	0.001	34126000
1700	0.0	0.41	0.001	33675000
1800	0.0	0.40	0.001	33278000
1900	0.0	0.43	0.001	35600000
2000	0.0	0.41	0.001	35701000
2100	4.5	0.43	0.001	38610000
2200	92.1	0.34	0.001	49296000
2300	202.1	0.32	0.001	53087000
AVG	33.2	0.45	0.001	38411111.1

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Tampa Electric  
Unit 4  
Big Bend 3-4  
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Today's Date: 08/17/2012  
Time: 08:26:25

Reporting Period  
Day: 07/27/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	210.4	0.29	0.001	50825000
0100	209.8	0.29	0.001	50412000
0200	210.1	0.30	0.001	50159000
0300	210.4	0.31	0.001	50525000
0400	223.7	0.31	0.001	51846000
0500	327.2	0.40	0.001	67086000
0600	341.7	0.42	0.001	67603000
0700	417.8	0.82	0.001	79230000
0800	440.5	0.83	0.001	83382000
0900	442.1	0.80	0.001	82970000
1000	441.9	0.81	0.001	82517000
1100	440.7	0.82	0.001	82638000
1200	442.3	0.93	0.002	82372000
1300	442.9	0.94	0.002	81866000
1400	442.3	0.98	0.002	81425000
1500	441.3	1.03	0.002	81497000
1600	440.6	1.03	0.002	80787000
1700	441.8	1.10	0.002	80551000
1800	442.8	1.17	0.002	79421000
1900	435.4	1.22	0.002	81123000
2000	436.9	1.22	0.002	82045000
2100	437.9	1.24	0.002	82806000
2200	433.2	1.20	0.002	80183000
2300	434.7	1.22	0.002	81498000
AVG	382.9	0.82	0.002	73948625.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:26:45

Reporting Period  
Day: 07/28/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	436.6	1.27	0.002	82522000
0100	405.3	1.14	0.002	75190000
0200	388.1	1.04	0.002	74336000
0300	387.9	1.02	0.002	74157000
0400	388.1	1.01	0.002	73814000
0500	388.1	1.00	0.002	73978000
0600	393.2	1.00	0.002	76570000
0700	438.3	1.34	0.002	84574000
0800	440.3	1.26	0.002	86092000
0900	438.9	1.24	0.002	85981000
1000	441.0	1.34	0.002	85174000
1100	441.2	1.37	0.002	87131000
1200	441.3	1.46	0.002	85502000
1300	441.3	1.46	0.002	84582000
1400	439.0	1.38	0.002	84971000
1500	440.6	1.41	0.002	84573000
1600	441.4	1.45	0.002	83527000
1700	433.0	1.49	0.003	83763000
1800	393.1	1.30	0.002	76797000
1900	393.0	1.27	0.002	76670000
2000	393.2	1.28	0.002	76624000
2100	393.2	1.28	0.002	75813000
2200	392.7	1.27	0.002	79042000
2300	321.1	1.15	0.002	67629000
AVG	412.9	1.26	0.002	79958833.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:27:07

Reporting Period  
Day: 07/29/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	230.5	1.02	0.002	54763000
0100	170.9	1.02	0.002	52404000
0200	264.5	0.96	0.002	61098000
0300	286.4	0.90	0.002	63829000
0400	290.7	0.88	0.002	55403000
0500	292.1	0.85	0.002	54355000
0600	293.7	0.85	0.002	0.000
0700	394.3	1.18	0.002	0.000
0800	439.3	1.46	0.002	81897000
0900	439.7	1.38	0.002	83115000
1000	439.2	1.36	0.002	81606000
1100	437.7	1.40	0.002	80552000
1200	439.6	1.43	0.002	79173000
1300	440.5	1.59	0.003	81009000
1400	440.2	1.62	0.003	80676000
1500	438.5	1.54	0.003	78809000
1600	426.6	1.54	0.003	78239000
1700	383.0	1.29	0.002	69372000
1800	383.0	1.29	0.002	70662000
1900	383.0	1.31	0.002	70421000
2000	382.8	1.27	0.002	70572000
2100	383.1	1.29	0.002	71321000
2200	383.2	1.27	0.002	70447000
2300	426.5	1.52	0.003	78152000
AVG	370.4	1.26	0.002	65328125.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:27:28

Reporting Period  
Day: 07/30/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	441.1	1.70	0.003	81231000
0100	437.8	1.58	0.003	79770000
0200	439.4	1.69	0.003	80522000
0300	441.2	1.79	0.003	80790000
0400	442.9	1.79	0.003	80417000
0500	441.7	1.84	0.003	79724000
0600	442.5	1.85	0.003	80701000
0700	442.8	1.87	0.003	80393000
0800	443.2	1.94	0.003	80212000
0900	443.2	1.94	0.003	81565000
1000	443.6	2.07	0.003	81047000
1100	443.4	1.97	0.003	81473000
1200	440.1	1.83	0.003	81042000
1300	440.8	1.83	0.003	81468000
1400	441.5	1.83	0.003	82395000
1500	441.8	1.82	0.003	81931000
1600	442.6	1.85	0.003	80665000
1700	442.4	1.89	0.003	82955000
1800	442.7	1.87	0.003	82049000
1900	442.4	1.89	0.003	82307000
2000	440.6	1.86	0.003	81843000
2100	441.9	1.80	0.003	82031000
2200	442.6	1.89	0.003	82555000
2300	443.7	1.83	0.003	81373000
AVG	441.9	1.84	0.003	81269125.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:27:49

Reporting Period  
Day: 07/31/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	442.6	1.77	0.003	82418000
0100	440.6	1.72	0.003	82490000
0200	442.4	1.67	0.003	82515000
0300	443.3	1.70	0.003	83868000
0400	444.2	1.60	0.003	83488000
0500	444.4	1.49	0.003	84028000
0600	444.7	1.41	0.002	86096000
0700	443.6	1.21	0.002	86888000
0800	442.5	1.03	0.002	85508000
0900	444.2	0.70	0.001	85745000
1000	444.0	0.32	0.001	85107000
1100	444.5	0.16	0.000	86744000
1200	445.4	0.20	0.000	87476000
1300	446.2	0.17	0.000	87052000
1400	446.0	0.17	0.000	87426000
1500	442.9	0.17	0.000	85643000
1600	442.7	0.17	0.000	86063000
1700	443.9	0.17	0.000	87358000
1800	444.6	0.21	0.000	86482000
1900	444.9	0.21	0.000	86494000
2000	446.3	0.23	0.000	87435000
2100	445.4	0.25	0.000	86620000
2200	446.1	0.29	0.000	84986000
2300	443.8	0.26	0.000	82636000
AVG	444.1	0.72	0.001	85440250.0



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:28:35

Reporting Period  
Day: 08/01/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	443.9	0.25	0.000	83421000
0100	444.8	0.27	0.000	85316000
0200	445.2	0.24	0.000	85088000
0300	445.4	0.23	0.000	85316000
0400	445.6	0.24	0.000	84819000
0500	445.8	0.25	0.000	85401000
0600	446.2	0.25	0.000	87181000
0700	447.0	0.23	0.000	84781000
0800	447.1	0.24	0.000	86546000
0900	446.7	0.23	0.000	87002000
1000	447.1	0.22	0.000	87263000
1100	447.2	0.20	0.000	86617000
1200	447.1	0.20	0.000	87774000
1300	447.3	0.20	0.000	88386000
1400	443.6	0.20	0.000	88330000
1500	444.3	0.20	0.000	88708000
1600	444.5	0.19	0.000	88646000
1700	445.6	0.19	0.000	89502000
1800	446.1	0.18	0.000	87640000
1900	446.3	0.18	0.000	87960000
2000	446.1	0.18	0.000	88001000
2100	445.4	0.18	0.000	85797000
2200	445.4	0.17	0.000	86652000
2300	446.1	0.19	0.000	88189000
AVG	445.8	0.21	0.000	86847333.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:28:59

Reporting Period  
Day: 08/02/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	446.2	0.18	0.000	89571000
0100	446.4	0.20	0.000	86948000
0200	446.8	0.18	0.000	87094000
0300	445.2	0.18	0.000	87418000
0400	445.3	0.16	0.000	87620000
0500	445.8	0.16	0.000	87590000
0600	446.4	0.16	0.000	86330000
0700	446.3	0.16	0.000	87647000
0800	447.1	0.16	0.000	88660000
0900	447.8	0.16	0.000	87205000
1000	447.7	0.16	0.000	87548000
1100	448.0	0.16	0.000	86501000
1200	448.3	0.15	0.000	87149000
1300	446.9	0.16	0.000	87331000
1400	447.0	0.16	0.000	88690000
1500	444.6	0.16	0.000	87051000
1600	445.8	0.15	0.000	88547000
1700	445.7	0.16	0.000	89484000
1800	445.9	0.16	0.000	89628000
1900	445.4	0.15	0.000	88480000
2000	443.6	0.15	0.000	88955000
2100	444.3	0.15	0.000	88593000
2200	444.8	0.15	0.000	88922000
2300	444.0	0.20	0.000	87207000
AVG	446.1	0.16	0.000	87923708.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:29:16

Reporting Period  
Day: 08/03/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	444.5	0.22	0.000	86796000
0100	444.7	0.18	0.000	87021000
0200	444.6	0.16	0.000	86562000
0300	443.5	0.18	0.000	86363000
0400	443.3	0.15	0.000	86224000
0500	441.9	0.16	0.000	86291000
0600	444.0	0.16	0.000	87043000
0700	444.3	0.19	0.000	86558000
0800	444.1	0.16	0.000	86067000
0900	443.9	0.16	0.000	86965000
1000	442.1	2.01	0.003	90845000
1100	442.8	1.85	0.003	85609000
1200	443.5	1.90	0.003	85448000
1300	444.1	1.92	0.003	85134000
1400	444.0	1.95	0.003	83582000
1500	442.0	1.80	0.003	84041000
1600	443.5	1.81	0.003	83350000
1700	443.8	1.79	0.003	84096000
1800	443.8	1.72	0.003	82363000
1900	443.4	1.72	0.003	83811000
2000	444.7	1.72	0.003	83293000
2100	443.9	1.79	0.003	85551000
2200	444.3	1.79	0.003	84553000
2300	443.2	1.73	0.003	85323000
AVG	443.7	1.13	0.002	85537041.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:29:37

Reporting Period  
Day: 08/04/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	442.5	1.72	0.003	84070000
0100	444.4	1.69	0.003	83521000
0200	443.9	1.72	0.003	81862000
0300	443.6	1.75	0.003	80947000
0400	442.9	1.66	0.003	79938000
0500	442.6	1.66	0.003	80754000
0600	444.2	1.67	0.003	80133000
0700	444.3	1.73	0.003	79695000
0800	442.7	1.69	0.003	79981000
0900	443.6	1.67	0.003	82134000
1000	444.4	1.78	0.003	84240000
1100	443.7	1.80	0.003	86003000
1200	443.6	1.85	0.003	87625000
1300	442.9	1.76	0.003	86803000
1400	442.2	1.68	0.003	85562000
1500	415.5	1.62	0.003	83033000
1600	443.1	1.75	0.003	87656000
1700	443.5	1.83	0.003	87276000
1800	443.7	1.73	0.003	86170000
1900	443.5	1.68	0.003	86330000
2000	443.8	1.67	0.003	86678000
2100	443.7	1.65	0.003	85310000
2200	441.9	1.61	0.003	83783000
2300	436.7	1.55	0.003	81575000
AVG	442.0	1.71	0.003	83794958.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:29:56

Reporting Period  
Day: 08/05/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	359.5	1.34	0.002	66802000
0100	253.6	1.06	0.002	48435000
0200	264.6	0.93	0.002	50174000
0300	264.8	0.89	0.002	50157000
0400	264.9	0.85	0.002	49750000
0500	264.8	0.83	0.002	49733000
0600	270.6	0.80	0.002	0.000
0700	406.4	1.12	0.002	0.000
0800	439.1	1.24	0.002	0.000
0900	440.1	1.26	0.002	0.000
1000	439.8	1.31	0.002	82002000
1100	439.1	1.37	0.002	82786000
1200	438.7	1.31	0.002	83144000
1300	440.3	1.35	0.002	82532000
1400	439.1	1.34	0.002	81372000
1500	440.3	1.48	0.003	82970000
1600	439.4	1.44	0.003	82741000
1700	438.0	1.34	0.002	84183000
1800	441.1	1.39	0.002	81953000
1900	440.1	1.43	0.003	81842000
2000	439.2	1.47	0.003	81366000
2100	439.7	1.48	0.003	81989000
2200	439.6	1.45	0.003	82154000
2300	438.4	1.44	0.003	80830000
AVG	390.9	1.25	0.002	61121458.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:30:18

Reporting Period  
Day: 08/06/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	368.7	1.16	0.002	68501000
0100	268.8	0.91	0.002	51622000
0200	266.9	0.82	0.002	51895000
0300	266.6	0.78	0.002	50900000
0400	280.5	0.77	0.001	52612000
0500	391.7	1.00	0.002	72113000
0600	441.8	1.28	0.002	82102000
0700	442.5	1.30	0.002	82270000
0800	443.8	1.28	0.002	81388000
0900	444.3	1.40	0.002	81821000
1000	444.2	1.43	0.003	83739000
1100	443.6	1.48	0.003	0.000
1200	443.7	1.58	0.003	89597000
1300	443.6	1.58	0.003	88936000
1400	444.0	1.66	0.003	89417000
1500	442.7	1.47	0.003	89516000
1600	441.6	1.36	0.002	90410000
1700	443.4	1.44	0.003	90478000
1800	444.7	1.56	0.003	90658000
1900	444.3	1.70	0.003	90912000
2000	443.6	1.70	0.003	90945000
2100	444.3	1.60	0.003	91210000
2200	442.6	1.52	0.003	91589000
2300	444.3	1.49	0.003	91292000
AVG	409.4	1.34	0.003	76830125.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:30:39

Reporting Period  
Day: 08/07/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	443.6	1.48	0.003	91223000
0100	364.3	1.19	0.002	77486000
0200	342.5	1.04	0.002	73468000
0300	342.4	1.00	0.002	73558000
0400	325.0	0.95	0.002	71189000
0500	344.5	0.96	0.002	73507000
0600	440.7	1.41	0.002	91683000
0700	444.0	1.40	0.002	91386000
0800	444.0	1.40	0.002	90811000
0900	443.9	1.48	0.003	90851000
1000	443.7	1.50	0.003	90395000
1100	442.8	1.47	0.003	90031000
1200	443.7	1.52	0.003	90041000
1300	443.8	1.56	0.003	89949000
1400	443.1	1.61	0.003	89615000
1500	442.6	1.66	0.003	89760000
1600	442.1	1.56	0.003	89505000
1700	443.2	1.63	0.003	89858000
1800	441.8	1.60	0.003	89685000
1900	443.4	1.63	0.003	89874000
2000	443.8	1.67	0.003	89748000
2100	444.1	1.68	0.003	90446000
2200	443.2	1.60	0.003	90434000
2300	442.7	1.55	0.003	90469000
AVG	422.5	1.44	0.003	86873833.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:31:02

Reporting Period  
Day: 08/08/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	443.9	1.54	0.003	90687000
0100	443.3	1.60	0.003	89986000
0200	385.8	1.29	0.002	80302000
0300	382.3	1.21	0.002	80550000
0400	415.3	1.32	0.002	86584000
0500	401.0	1.30	0.002	83421000
0600	421.2	1.42	0.003	86823000
0700	443.7	1.58	0.003	90840000
0800	443.6	1.62	0.003	90683000
0900	443.6	1.74	0.003	90624000
1000	443.7	1.77	0.003	90599000
1100	443.5	1.97	0.003	90333000
1200	443.6	1.90	0.003	90084000
1300	443.0	1.80	0.003	89573000
1400	444.0	1.85	0.003	89828000
1500	443.6	1.82	0.003	89963000
1600	443.7	1.92	0.003	89934000
1700	443.5	1.99	0.003	89994000
1800	443.7	2.06	0.004	90158000
1900	442.7	1.94	0.003	90208000
2000	443.6	1.85	0.003	89809000
2100	444.2	1.87	0.003	90395000
2200	442.8	1.80	0.003	90571000
2300	443.0	1.81	0.003	90382000
AVG	434.7	1.71	0.003	88847125.0



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:31:23

Reporting Period  
Day: 08/09/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	443.8	1.89	0.003	91590000
0100	443.4	1.92	0.003	91460000
0200	443.9	1.93	0.003	90966000
0300	442.4	1.81	0.003	90796000
0400	442.5	1.71	0.003	90377000
0500	443.7	1.82	0.003	90900000
0600	444.7	1.83	0.003	90694000
0700	444.2	1.92	0.003	90786000
0800	444.2	2.00	0.004	91363000
0900	443.3	1.89	0.003	90109000
1000	442.4	1.83	0.003	89964000
1100	443.2	1.88	0.003	89854000
1200	444.0	1.93	0.003	89788000
1300	444.1	1.90	0.003	89348000
1400	444.5	2.06	0.004	89708000
1500	443.6	2.10	0.004	89679000
1600	442.8	1.93	0.003	89319000
1700	442.2	1.90	0.003	89056000
1800	443.0	1.90	0.003	89815000
1900	442.2	1.89	0.003	89672000
2000	442.8	1.97	0.003	89761000
2100	442.8	1.96	0.003	90227000
2200	442.8	1.90	0.003	90238000
2300	441.7	1.84	0.003	90725000
AVG	443.3	1.90	0.003	90258125.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:31:48

Reporting Period  
Day: 08/10/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	443.4	1.87	0.003	91049000
0100	441.9	1.80	0.003	90587000
0200	444.2	1.79	0.003	90622000
0300	442.4	1.83	0.003	91267000
0400	443.8	1.79	0.003	90820000
0500	445.0	1.86	0.003	91899000
0600	442.6	1.78	0.003	91078000
0700	443.8	1.82	0.003	90916000
0800	444.7	1.97	0.003	90673000
0900	443.4	1.88	0.003	90007000
1000	443.1	1.90	0.003	89737000
1100	443.9	2.05	0.004	89920000
1200	444.3	2.01	0.004	89609000
1300	443.3	1.94	0.003	89454000
1400	442.7	1.85	0.003	90353000
1500	444.1	1.90	0.003	90864000
1600	443.4	1.91	0.003	90831000
1700	443.4	1.84	0.003	90098000
1800	443.7	1.91	0.003	90500000
1900	444.2	2.01	0.004	90720000
2000	444.3	2.00	0.004	90905000
2100	443.9	2.09	0.004	91707000
2200	443.9	2.06	0.004	91710000
2300	443.6	2.13	0.004	91903000
AVG	443.6	1.92	0.003	90717875.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:32:12

Reporting Period  
Day: 08/11/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	432.3	2.14	0.004	90876000
0100	386.6	1.59	0.003	79870000
0200	367.9	1.48	0.003	76720000
0300	367.6	1.41	0.003	76778000
0400	367.9	1.37	0.002	77023000
0500	367.8	1.36	0.002	76907000
0600	384.5	1.37	0.002	82032000
0700	443.1	1.94	0.003	94458000
0800	444.0	1.92	0.003	93447000
0900	442.8	1.77	0.003	92894000
1000	443.8	1.81	0.003	91003000
1100	443.8	1.88	0.003	91360000
1200	444.0	1.95	0.003	90099000
1300	442.1	1.87	0.003	90156000
1400	443.0	1.89	0.003	89710000
1500	444.0	2.00	0.003	90248000
1600	443.3	1.92	0.003	90161000
1700	443.4	1.91	0.003	89716000
1800	443.8	2.01	0.003	90308000
1900	444.9	2.08	0.004	89836000
2000	444.0	2.05	0.004	90216000
2100	443.6	2.05	0.004	90613000
2200	444.1	2.08	0.004	91085000
2300	442.1	1.86	0.003	91369000
AVG	425.6	1.82	0.003	87786875.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:32:29

Reporting Period  
Day: 08/12/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	430.8	1.87	0.003	88768000
0100	303.5	1.51	0.003	65175000
0200	196.3	1.37	0.003	50141000
0300	140.5	1.36	0.003	49382000
0400	142.4	1.33	0.004	48992000
0500	175.8	1.25	0.003	50197000
0600	180.9	1.27	0.003	50078000
0700	310.0	1.18	0.002	67032000
0800	430.5	1.58	0.003	91816000
0900	432.3	1.44	0.002	90432000
1000	435.7	1.44	0.002	89965000
1100	437.3	1.54	0.003	89998000
1200	438.6	1.63	0.003	89665000
1300	438.1	1.73	0.003	90102000
1400	440.0	1.75	0.003	90137000
1500	439.7	1.70	0.003	89810000
1600	441.1	1.77	0.003	91163000
1700	443.1	1.84	0.003	91445000
1800	443.3	1.89	0.003	90711000
1900	443.6	1.92	0.003	91414000
2000	443.7	1.93	0.003	91336000
2100	443.2	1.78	0.003	91207000
2200	441.0	1.73	0.003	91562000
2300	443.2	1.79	0.003	90582000
AVG	371.4	1.61	0.003	80046250.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:32:48

Reporting Period  
Day: 08/13/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	408.0	1.69	0.003	84999000
0100	381.7	1.52	0.003	79471000
0200	313.4	1.40	0.003	67016000
0300	307.3	1.29	0.002	66010000
0400	306.9	1.21	0.002	65597000
0500	358.4	1.29	0.002	76332000
0600	441.2	1.83	0.003	95156000
0700	443.1	1.83	0.003	94704000
0800	441.2	1.85	0.003	93718000
0900	443.9	2.00	0.004	93072000
1000	444.6	2.11	0.004	92328000
1100	444.6	2.28	0.004	92542000
1200	441.4	2.06	0.004	91242000
1300	442.7	2.19	0.004	92156000
1400	443.4	2.38	0.004	92191000
1500	443.0	2.34	0.004	91531000
1600	442.3	2.30	0.004	92150000
1700	440.7	2.20	0.004	91742000
1800	442.2	2.27	0.004	91669000
1900	443.4	2.39	0.004	91975000
2000	444.2	2.32	0.004	91615000
2100	444.5	2.46	0.004	92107000
2200	444.4	2.49	0.004	92306000
2300	444.1	2.45	0.004	92201000
AVG	418.8	2.01	0.004	87659583.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:33:07

Reporting Period  
Day: 08/14/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	443.7	2.53	0.004	92735000
0100	443.8	2.46	0.004	93366000
0200	443.9	2.40	0.004	92484000
0300	442.4	2.13	0.004	92515000
0400	443.9	2.03	0.004	92219000
0500	444.1	2.09	0.004	91840000
0600	444.0	2.06	0.004	91674000
0700	443.3	1.96	0.003	91462000
0800	443.2	1.98	0.003	91428000
0900	444.0	1.97	0.003	91083000
1000	443.6	2.02	0.004	90936000
1100	443.2	2.05	0.004	91437000
1200	443.4	2.02	0.004	90404000
1300	442.8	1.77	0.003	90602000
1400	442.6	1.53	0.003	90484000
1500	444.0	1.46	0.003	91157000
1600	443.9	1.27	0.002	92822000
1700	443.8	1.10	0.002	92031000
1800	444.4	0.85	0.001	92270000
1900	442.0	0.45	0.001	91837000
2000	444.8	0.30	0.001	91271000
2100	444.0	0.16	0.000	92356000
2200	444.1	0.15	0.000	92327000
2300	443.3	0.16	0.000	92679000
AVG	443.6	1.54	0.003	91809125.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 08/17/2012  
Time: 08:33:24

Reporting Period  
Day: 08/15/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	442.5	0.15	0.000	92281000
0100	444.4	0.15	0.000	92472000
0200	444.0	0.15	0.000	92733000
0300	443.5	0.15	0.000	92951000
0400	442.5	0.15	0.000	92286000
0500	444.3	0.15	0.000	93272000
0600	443.7	0.17	0.000	93143000
0700	443.6	0.16	0.000	92708000
0800	442.7	0.16	0.000	93782000
0900	443.9	0.15	0.000	92847000
1000	443.6	0.15	0.000	92075000
1100	443.5	0.16	0.000	92126000
1200	443.3	0.18	0.000	91273000
1300	442.8	0.17	0.000	90692000
1400	444.0	0.18	0.000	91549000
1500	443.8	0.19	0.000	91001000
1600	443.4	0.20	0.000	90820000
1700	443.3	0.20	0.000	91491000
1800	442.3	0.21	0.000	91104000
1900	444.0	0.21	0.000	91003000
2000	444.0	0.20	0.000	91497000
2100	443.6	0.20	0.000	91388000
2200	442.4	0.19	0.000	91081000
2300	443.2	0.19	0.000	91493000
AVG	443.4	0.17	0.000	91961166.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:43:05

Reporting Period  
Day: 08/16/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	444.3	0.19	0.000	92401000
0100	443.8	0.19	0.000	92532000
0200	444.0	0.22	0.000	91849000
0300	442.8	0.19	0.000	92632000
0400	442.5	0.17	0.000	91915000
0500	444.3	0.20	0.000	92383000
0600	444.3	0.24	0.000	93187000
0700	443.6	0.21	0.000	93212000
0800	443.6	0.17	0.000	92313000
0900	442.6	0.18	0.000	90750000
1000	444.2	0.18	0.000	91598000
1100	443.4	0.17	0.000	91737000
1200	443.7	0.16	0.000	91466000
1300	443.5	0.15	0.000	90499000
1400	443.4	0.15	0.000	90493000
1500	443.4	0.15	0.000	90745000
1600	443.5	0.15	0.000	90605000
1700	381.1	0.14	0.000	82020000
1800	352.5	0.14	0.000	73049000
1900	352.6	0.14	0.000	73408000
2000	352.6	0.13	0.000	73193000
2100	352.5	0.14	0.000	73415000
2200	352.5	0.14	0.000	73932000
2300	352.6	0.14	0.000	73476000
AVG	418.2	0.17	0.000	86783750.0



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:43:30

Reporting Period  
Day: 08/17/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	352.6	0.14	0.000	73467000
0100	352.6	0.14	0.000	73158000
0200	352.5	0.15	0.000	73539000
0300	352.5	0.14	0.000	73978000
0400	352.6	0.14	0.000	73584000
0500	352.6	0.14	0.000	73451000
0600	355.4	0.15	0.000	74485000
0700	361.0	0.14	0.000	77904000
0800	384.3	0.14	0.000	80942000
0900	429.9	0.14	0.000	90876000
1000	442.0	0.14	0.000	91950000
1100	407.2	0.14	0.000	86639000
1200	363.2	0.14	0.000	76026000
1300	362.4	0.14	0.000	75790000
1400	383.9	0.14	0.000	81470000
1500	387.8	0.14	0.000	82867000
1600	387.8	0.14	0.000	81455000
1700	387.9	0.15	0.000	81970000
1800	388.0	0.14	0.000	83416000
1900	387.9	0.14	0.000	82738000
2000	388.0	0.14	0.000	81804000
2100	387.7	0.14	0.000	81933000
2200	388.1	0.14	0.000	82628000
2300	387.9	0.14	0.000	81462000
AVG	379.0	0.14	0.000	79897166.7

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Tampa Electric  
Unit 4  
Big Bend 3-4  
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Today's Date: 09/06/2012  
Time: 13:43:52

Reporting Period  
Day: 08/18/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	395.9	0.14	0.000	84977000
0100	397.9	0.14	0.000	85975000
0200	432.6	0.14	0.000	92982000
0300	441.7	0.14	0.000	94594000
0400	443.1	0.14	0.000	94729000
0500	444.0	0.15	0.000	95043000
0600	435.4	0.14	0.000	93367000
0700	426.1	0.15	0.000	90097000
0800	441.4	0.15	0.000	92171000
0900	443.5	0.15	0.000	93300000
1000	443.6	0.16	0.000	93651000
1100	443.6	0.16	0.000	93498000
1200	443.5	0.15	0.000	92722000
1300	443.4	0.15	0.000	93584000
1400	443.6	0.16	0.000	92800000
1500	441.9	0.15	0.000	92767000
1600	444.0	0.15	0.000	93870000
1700	444.7	0.16	0.000	93300000
1800	442.9	0.16	0.000	94871000
1900	444.0	0.15	0.000	94311000
2000	442.7	0.15	0.000	93224000
2100	443.8	0.15	0.000	93341000
2200	443.7	0.15	0.000	93844000
2300	419.5	0.15	0.000	87226000
AVG	436.9	0.15	0.000	92510166.7

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Tampa Electric  
Unit 4  
Big Bend 3-4  
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Today's Date: 09/06/2012  
Time: 13:44:14

Reporting Period  
Day: 08/19/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	274.4	0.15	0.000	59062000
0100	248.6	0.15	0.000	54632000
0200	262.0	0.15	0.000	57749000
0300	261.8	0.16	0.000	57202000
0400	262.0	0.16	0.000	56727000
0500	262.1	0.16	0.000	57015000
0600	268.3	0.16	0.000	58567000
0700	366.9	0.16	0.000	78978000
0800	442.8	0.16	0.000	95437000
0900	443.6	0.16	0.000	95352000
1000	443.5	0.16	0.000	94819000
1100	441.8	0.16	0.000	92938000
1200	444.6	0.15	0.000	93052000
1300	443.9	0.15	0.000	93690000
1400	443.9	0.15	0.000	92879000
1500	443.3	0.15	0.000	92121000
1600	442.7	0.15	0.000	92940000
1700	442.5	0.15	0.000	92439000
1800	444.9	0.14	0.000	92366000
1900	444.0	0.14	0.000	92044000
2000	443.7	0.14	0.000	92009000
2100	443.5	0.15	0.000	92641000
2200	443.9	0.15	0.000	92829000
2300	442.0	0.15	0.000	92759000
AVG	387.5	0.15	0.000	82093625.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:44:54

Reporting Period  
Day: 08/20/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	444.5	0.15	0.000	93332000
0100	443.8	0.15	0.000	92995000
0200	443.6	0.14	0.000	93499000
0300	443.5	0.14	0.000	91659000
0400	443.7	0.14	0.000	92510000
0500	443.3	0.14	0.000	93215000
0600	442.7	0.14	0.000	92054000
0700	444.1	0.13	0.000	92500000
0800	443.7	0.14	0.000	92568000
0900	443.3	0.13	0.000	91762000
1000	443.7	0.14	0.000	93086000
1100	443.6	0.13	0.000	91648000
1200	443.7	0.13	0.000	91678000
1300	442.1	0.14	0.000	90739000
1400	444.3	0.13	0.000	91842000
1500	443.6	0.13	0.000	90983000
1600	443.1	0.13	0.000	91206000
1700	443.6	0.13	0.000	91444000
1800	443.5	0.13	0.000	90614000
1900	443.8	0.13	0.000	91535000
2000	443.7	0.13	0.000	92593000
2100	442.3	0.13	0.000	93603000
2200	440.5	0.13	0.000	94006000
2300	440.9	0.13	0.000	93350000
AVG	443.3	0.14	0.000	92267541.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:45:12

Reporting Period  
Day: 08/21/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	442.4	0.15	0.000	93725000
0100	442.7	0.15	0.000	94191000
0200	442.9	0.15	0.000	93818000
0300	442.5	0.15	0.000	93430000
0400	443.5	0.14	0.000	94682000
0500	443.7	0.14	0.000	94017000
0600	442.8	0.14	0.000	93671000
0700	443.4	0.15	0.000	94048000
0800	443.8	0.15	0.000	94249000
0900	443.7	0.15	0.000	94280000
1000	443.2	0.15	0.000	93983000
1100	443.5	0.15	0.000	93226000
1200	443.8	0.15	0.000	93720000
1300	441.9	0.15	0.000	92428000
1400	443.0	0.15	0.000	93836000
1500	444.6	0.15	0.000	93638000
1600	444.4	0.15	0.000	93197000
1700	443.7	0.16	0.000	93441000
1800	443.6	0.16	0.000	93376000
1900	443.7	0.17	0.000	94227000
2000	443.4	0.17	0.000	93565000
2100	443.6	0.17	0.000	94233000
2200	443.3	0.17	0.000	93421000
2300	442.5	0.16	0.000	93051000
AVG	443.3	0.15	0.000	93727208.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:45:37

Reporting Period  
Day: 08/22/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	444.3	0.16	0.000	92485000
0100	443.8	0.16	0.000	92874000
0200	443.8	0.16	0.000	91868000
0300	443.5	0.16	0.000	92051000
0400	443.7	0.16	0.000	91764000
0500	443.7	0.16	0.000	91200000
0600	442.7	0.16	0.000	93288000
0700	444.0	0.17	0.000	92508000
0800	443.5	0.16	0.000	92010000
0900	443.4	0.17	0.000	93514000
1000	443.7	0.17	0.000	94319000
1100	443.7	0.17	0.000	93301000
1200	443.9	0.17	0.000	92928000
1300	443.5	0.16	0.000	91915000
1400	443.4	0.16	0.000	92390000
1500	443.4	0.17	0.000	92314000
1600	442.4	0.17	0.000	92603000
1700	444.2	0.17	0.000	92439000
1800	444.0	0.17	0.000	91112000
1900	443.7	0.18	0.000	90836000
2000	443.7	0.18	0.000	92477000
2100	443.6	0.17	0.000	91773000
2200	443.9	0.17	0.000	91506000
2300	443.4	0.17	0.000	91515000
AVG	443.6	0.17	0.000	92291250.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:45:56

Reporting Period  
Day: 08/23/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	398.5	0.17	0.000	81012000
0100	392.6	0.18	0.000	79718000
0200	393.3	0.17	0.000	80037000
0300	392.9	0.17	0.000	79635000
0400	393.1	0.17	0.000	79237000
0500	433.7	0.17	0.000	89151000
0600	443.7	0.17	0.000	90909000
0700	443.8	0.17	0.000	90908000
0800	443.1	0.17	0.000	90787000
0900	443.5	0.17	0.000	90819000
1000	444.3	0.17	0.000	91001000
1100	443.5	0.17	0.000	91856000
1200	443.7	0.17	0.000	90857000
1300	443.5	0.17	0.000	91759000
1400	443.9	0.17	0.000	91567000
1500	443.3	0.17	0.000	91744000
1600	442.2	0.16	0.000	91327000
1700	443.9	0.16	0.000	91120000
1800	444.7	0.16	0.000	92060000
1900	446.9	0.16	0.000	91817000
2000	448.0	0.16	0.000	91748000
2100	449.0	0.16	0.000	91865000
2200	449.2	0.16	0.000	91421000
2300	448.5	0.16	0.000	91548000
AVG	433.9	0.17	0.000	88912625.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:46:14

Reporting Period  
Day: 08/24/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	445.9	0.16	0.000	90829000
0100	446.4	0.16	0.000	90706000
0200	448.0	0.16	0.000	90218000
0300	448.9	0.16	0.000	91193000
0400	449.0	0.16	0.000	90584000
0500	449.3	0.16	0.000	91205000
0600	445.6	0.16	0.000	90566000
0700	446.8	0.16	0.000	90084000
0800	447.9	0.16	0.000	90724000
0900	448.3	0.16	0.000	90466000
1000	448.7	0.18	0.000	90746000
1100	449.1	0.17	0.000	90688000
1200	447.6	0.16	0.000	90696000
1300	444.2	0.16	0.000	90024000
1400	446.2	0.16	0.000	90055000
1500	446.3	0.16	0.000	89940000
1600	447.4	0.16	0.000	90153000
1700	444.0	0.16	0.000	89368000
1800	445.9	0.18	0.000	90101000
1900	447.1	0.16	0.000	90022000
2000	447.9	0.16	0.000	90946000
2100	449.3	0.16	0.000	90509000
2200	445.9	0.16	0.000	90439000
2300	446.4	0.16	0.000	90051000
AVG	447.2	0.16	0.000	90429708.3



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:46:34

Reporting Period  
Day: 08/25/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	447.9	0.16	0.000	89630000
0100	447.3	0.17	0.000	89645000
0200	447.1	0.17	0.000	89675000
0300	448.4	0.17	0.000	89802000
0400	448.8	0.17	0.000	89648000
0500	446.6	0.17	0.000	89659000
0600	448.2	0.18	0.000	89872000
0700	449.4	0.17	0.000	89591000
0800	449.7	0.17	0.000	89877000
0900	449.1	0.17	0.000	90118000
1000	448.9	0.17	0.000	89550000
1100	448.4	0.17	0.000	89814000
1200	446.4	0.17	0.000	89169000
1300	447.6	0.17	0.000	89145000
1400	448.7	0.17	0.000	89124000
1500	449.3	0.18	0.000	89485000
1600	449.2	0.17	0.000	89929000
1700	446.0	0.16	0.001	89110000
1800	447.9	0.16	0.001	90120000
1900	448.7	0.16	0.001	90297000
2000	449.3	0.16	0.001	90004000
2100	449.2	0.16	0.001	90253000
2200	447.0	0.16	0.001	90189000
2300	441.1	0.17	0.001	89450000
AVG	447.9	0.17	0.000	89714833.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:46:52

Reporting Period  
Day: 08/26/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	447.4	0.17	0.001	89681000
0100	429.4	0.17	0.001	86854000
0200	380.9	0.17	0.001	77102000
0300	382.3	0.17	0.001	77714000
0400	382.3	0.17	0.001	77136000
0500	383.2	0.71	0.002	76717000
0600	424.7	1.34	0.002	84185000
0700	443.4	1.59	0.003	90003000
0800	443.4	1.64	0.003	89467000
0900	443.5	1.69	0.003	88868000
1000	443.3	1.65	0.003	89426000
1100	442.9	1.42	0.003	89637000
1200	444.3	1.45	0.003	89067000
1300	443.7	1.52	0.003	88994000
1400	443.8	1.71	0.003	89388000
1500	443.3	1.82	0.003	89350000
1600	443.0	1.66	0.003	89532000
1700	443.5	1.58	0.003	88807000
1800	443.9	1.71	0.003	88864000
1900	443.6	1.72	0.003	88476000
2000	443.6	1.74	0.003	88622000
2100	443.6	1.72	0.003	88833000
2200	402.2	1.41	0.003	82014000
2300	393.1	1.26	0.002	79479000
AVG	428.3	1.26	0.002	86175666.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:47:12

Reporting Period  
Day: 08/27/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	365.6	1.19	0.002	75086000
0100	362.7	1.17	0.002	74558000
0200	362.7	1.17	0.002	74750000
0300	362.7	1.16	0.002	75404000
0400	362.6	1.12	0.002	75035000
0500	406.2	1.34	0.002	82770000
0600	443.6	1.68	0.003	90655000
0700	443.1	1.48	0.003	89548000
0800	443.8	1.61	0.003	89726000
0900	443.6	1.65	0.003	89019000
1000	443.5	1.85	0.003	89062000
1100	443.3	1.85	0.003	88772000
1200	443.0	1.87	0.003	88789000
1300	443.7	1.81	0.003	88905000
1400	442.9	1.74	0.003	88670000
1500	443.9	1.92	0.003	88619000
1600	443.8	2.04	0.004	88898000
1700	443.3	1.91	0.003	89617000
1800	443.6	1.99	0.004	89831000
1900	443.9	2.15	0.004	89552000
2000	443.6	2.64	0.005	89718000
2100	443.5	2.57	0.005	89707000
2200	442.7	2.43	0.004	89505000
2300	444.0	2.62	0.005	89308000
AVG	425.2	1.79	0.003	86062666.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:47:32

Reporting Period  
Day: 08/28/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	443.7	2.68	0.005	89203000
0100	405.6	2.12	0.004	82654000
0200	388.4	1.87	0.003	80485000
0300	352.2	1.58	0.003	73258000
0400	416.7	2.17	0.004	84345000
0500	443.3	2.59	0.005	89111000
0600	443.5	2.71	0.005	89449000
0700	443.7	2.00	0.004	89218000
0800	443.8	2.01	0.004	89593000
0900	443.8	2.22	0.004	89343000
1000	443.6	2.40	0.004	90120000
1100	442.8	2.09	0.004	89910000
1200	443.8	2.10	0.004	89845000
1300	443.4	2.06	0.004	89239000
1400	443.6	2.24	0.004	89832000
1500	444.0	2.21	0.004	89320000
1600	443.2	2.11	0.004	89831000
1700	442.8	1.98	0.004	89532000
1800	444.0	2.10	0.004	89900000
1900	444.4	2.16	0.004	89590000
2000	443.9	2.13	0.004	89714000
2100	443.6	2.17	0.004	89773000
2200	443.2	2.15	0.004	90019000
2300	441.9	1.96	0.003	89630000
AVG	434.7	2.16	0.004	88038083.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:47:54

Reporting Period  
Day: 08/29/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	444.0	2.01	0.004	89222000
0100	443.8	2.02	0.004	89488000
0200	406.9	1.76	0.003	83385000
0300	402.9	1.68	0.003	83199000
0400	403.2	1.64	0.003	83106000
0500	431.1	1.84	0.003	87592000
0600	441.1	1.99	0.004	88635000
0700	438.2	2.16	0.004	89298000
0800	445.6	2.25	0.004	90054000
0900	443.4	2.11	0.004	90067000
1000	442.7	2.02	0.004	89171000
1100	444.1	2.12	0.004	89274000
1200	444.2	2.22	0.004	89160000
1300	443.9	2.19	0.004	89230000
1400	443.4	2.25	0.004	89896000
1500	443.5	2.21	0.004	90026000
1600	442.6	2.03	0.004	89038000
1700	444.2	2.14	0.004	88905000
1800	444.0	2.18	0.004	89211000
1900	443.6	2.20	0.004	89802000
2000	442.7	2.08	0.004	89149000
2100	444.3	2.09	0.004	89277000
2200	443.8	2.51	0.004	89515000
2300	443.7	2.62	0.005	89685000
AVG	438.0	2.10	0.004	88557708.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:48:13

Reporting Period  
Day: 08/30/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	443.7	2.64	0.005	89715000
0100	442.8	2.61	0.005	89926000
0200	443.7	2.37	0.004	89635000
0300	443.7	2.43	0.004	89699000
0400	443.6	2.53	0.004	89871000
0500	443.7	2.54	0.004	89443000
0600	443.6	2.65	0.005	89796000
0700	443.8	2.57	0.005	89905000
0800	443.5	2.66	0.005	89446000
0900	443.5	2.75	0.005	89425000
1000	442.8	2.43	0.004	89877000
1100	442.3	2.21	0.004	89940000
1200	444.1	2.27	0.004	90158000
1300	444.3	2.30	0.004	90593000
1400	443.8	2.33	0.004	90596000
1500	444.0	2.08	0.004	90443000
1600	443.2	1.85	0.003	90672000
1700	441.7	1.48	0.003	90963000
1800	400.0	1.20	0.002	83556000
1900	439.2	1.18	0.002	90558000
2000	444.1	0.91	0.002	91493000
2100	443.4	0.45	0.001	90906000
2200	443.4	0.15	0.000	90619000
2300	443.4	0.15	0.000	90989000
AVG	441.5	1.95	0.003	89926000.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:48:32

Reporting Period  
Day: 08/31/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	442.6	0.15	0.000	90662000
0100	445.2	0.15	0.000	90573000
0200	444.3	0.15	0.000	90551000
0300	443.2	0.16	0.000	91015000
0400	443.9	0.20	0.000	91149000
0500	442.5	0.19	0.000	90922000
0600	444.2	0.22	0.000	90601000
0700	444.2	0.28	0.000	91046000
0800	443.9	0.26	0.000	90824000
0900	442.3	0.24	0.000	90834000
1000	443.5	0.24	0.000	91006000
1100	443.3	0.24	0.000	90476000
1200	442.9	0.21	0.000	90672000
1300	444.3	0.22	0.000	90945000
1400	443.3	0.19	0.000	90389000
1500	444.1	0.20	0.000	91375000
1600	442.3	0.19	0.000	90810000
1700	442.9	0.19	0.000	90994000
1800	444.2	0.17	0.000	91130000
1900	444.9	0.16	0.000	91349000
2000	442.9	0.18	0.000	91453000
2100	443.8	0.16	0.000	90934000
2200	444.4	0.17	0.000	91046000
2300	444.2	0.16	0.000	91103000
AVG	443.6	0.20	0.000	90910791.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:49:09

Reporting Period  
Day: 09/01/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	443.2	0.15	0.000	90527000
0100	424.1	0.15	0.000	87144000
0200	393.1	0.15	0.000	81898000
0300	393.2	0.15	0.000	81719000
0400	392.8	0.15	0.000	82077000
0500	411.3	0.15	0.000	85614000
0600	418.4	0.15	0.000	86938000
0700	441.0	0.15	0.000	89865000
0800	443.7	0.15	0.000	90512000
0900	442.8	0.15	0.000	90352000
1000	444.4	0.16	0.000	90788000
1100	443.6	0.15	0.000	90665000
1200	442.9	0.15	0.000	90438000
1300	443.2	0.15	0.000	90126000
1400	442.4	0.15	0.000	90351000
1500	442.0	0.16	0.000	90166000
1600	441.5	0.16	0.000	89803000
1700	442.7	0.17	0.000	90407000
1800	441.2	0.18	0.000	89447000
1900	442.3	0.19	0.000	89542000
2000	444.0	0.18	0.000	90004000
2100	444.0	0.15	0.000	90144000
2200	444.6	0.15	0.000	89631000
2300	390.3	0.15	0.000	80763000
AVG	431.4	0.16	0.000	88288375.0



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:49:37

Reporting Period  
Day: 09/02/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	371.3	0.15	0.000	76497000
0100	275.3	0.16	0.000	59582000
0200	283.2	0.16	0.000	60963000
0300	262.0	0.15	0.000	57645000
0400	261.7	0.15	0.000	57427000
0500	261.9	0.15	0.000	57392000
0600	272.4	0.15	0.000	60001000
0700	391.3	0.16	0.000	81410000
0800	430.9	0.16	0.000	88325000
0900	442.3	0.16	0.000	89364000
1000	442.6	0.16	0.000	89298000
1100	442.8	0.16	0.000	89588000
1200	442.0	0.16	0.000	89496000
1300	439.2	0.16	0.000	88947000
1400	438.8	0.16	0.000	89138000
1500	439.7	0.16	0.000	88962000
1600	441.2	0.16	0.000	89155000
1700	441.8	0.16	0.000	89243000
1800	439.0	0.16	0.000	89301000
1900	438.8	0.15	0.000	89144000
2000	440.8	0.15	0.000	89000000
2100	442.3	0.16	0.000	89588000
2200	443.3	0.15	0.000	90166000
2300	441.1	0.16	0.000	89706000
AVG	392.7	0.16	0.000	80805750.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:49:56

Reporting Period  
Day: 09/03/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	430.1	0.15	0.000	87688000
0100	393.1	0.15	0.000	80290000
0200	373.7	0.15	0.000	77849000
0300	367.7	0.16	0.000	76538000
0400	367.8	0.15	0.000	76142000
0500	368.0	0.15	0.000	76547000
0600	368.0	0.15	0.000	76653000
0700	426.5	0.15	0.000	87037000
0800	441.6	0.17	0.000	88651000
0900	441.7	0.15	0.000	87963000
1000	443.9	0.15	0.000	88888000
1100	443.3	0.15	0.000	88620000
1200	443.9	0.15	0.000	87851000
1300	442.0	0.15	0.000	88322000
1400	439.3	0.15	0.000	88011000
1500	441.0	0.16	0.000	88126000
1600	442.2	0.16	0.000	87974000
1700	443.2	0.16	0.000	88313000
1800	439.4	0.16	0.000	88261000
1900	438.4	0.16	0.000	88476000
2000	441.3	0.15	0.000	88138000
2100	441.7	0.15	0.000	88658000
2200	441.8	0.16	0.000	88482000
2300	438.4	0.16	0.000	88199000
AVG	423.3	0.15	0.000	85486541.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:50:17

Reporting Period  
Day: 09/04/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	441.5	0.16	0.000	88556000
0100	415.9	0.16	0.000	84259000
0200	393.2	0.16	0.000	80152000
0300	393.0	0.18	0.000	79605000
0400	392.8	0.16	0.000	79864000
0500	413.6	0.16	0.000	83931000
0600	440.2	0.16	0.000	88399000
0700	443.6	0.16	0.000	88351000
0800	443.6	0.15	0.000	88933000
0900	443.7	0.15	0.000	88551000
1000	442.6	0.15	0.000	88422000
1100	439.1	0.15	0.000	87865000
1200	440.5	0.15	0.000	87749000
1300	441.9	0.15	0.000	87439000
1400	442.4	0.15	0.000	88262000
1500	442.1	0.15	0.000	88281000
1600	442.2	0.15	0.000	87499000
1700	441.6	0.15	0.000	87817000
1800	439.8	0.15	0.000	88027000
1900	438.3	0.15	0.000	87474000
2000	441.0	0.15	0.000	87441000
2100	441.3	0.15	0.000	87539000
2200	441.8	0.15	0.000	88610000
2300	437.3	0.15	0.000	88528000
AVG	433.0	0.15	0.000	86731416.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/06/2012  
Time: 13:50:33

Reporting Period  
Day: 09/05/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	437.1	0.15	0.000	87878000
0100	439.6	0.15	0.000	88453000
0200	440.2	0.15	0.000	88797000
0300	440.4	0.15	0.000	89323000
0400	438.2	0.16	0.000	88290000
0500	438.9	0.16	0.000	88078000
0600	439.1	0.15	0.000	87859000
0700	439.2	0.15	0.000	87834000
0800	440.2	0.15	0.000	87557000
0900	438.4	0.16	0.000	87814000
1000	438.1	0.16	0.000	87407000
1100	439.2	0.16	0.000	87402000
1200	440.0	0.15	0.000	87054000
1300	440.2	0.16	0.000	87429000
1400	437.9	0.15	0.000	87255000
1500	437.8	0.15	0.000	87237000
1600	438.8	0.15	0.000	87307000
1700	439.1	0.16	0.000	87602000
1800	439.0	0.15	0.000	87955000
1900	434.8	0.16	0.000	87220000
2000	436.9	0.16	0.000	87451000
2100	438.7	0.15	0.000	88214000
2200	440.4	0.15	0.000	88270000
2300	437.4	0.15	0.000	88572000
AVG	438.7	0.15	0.000	87844083.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:08:02

Reporting Period  
Day: 09/06/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	437.9	0.15	0.000	88037000
0100	440.1	0.16	0.000	88494000
0200	426.2	0.15	0.000	86571000
0300	418.4	0.16	0.000	86351000
0400	418.4	0.15	0.000	85648000
0500	425.7	0.16	0.000	86357000
0600	439.0	0.16	0.000	88458000
0700	439.9	0.16	0.000	87743000
0800	440.9	0.16	0.000	87700000
0900	441.6	0.18	0.000	87656000
1000	441.1	0.16	0.000	87286000
1100	438.2	0.16	0.000	87734000
1200	438.7	0.16	0.000	87503000
1300	439.0	0.16	0.000	87264000
1400	438.7	0.17	0.000	87281000
1500	439.3	0.16	0.000	87674000
1600	440.7	0.16	0.000	87526000
1700	440.9	0.16	0.000	87639000
1800	438.7	0.17	0.000	87370000
1900	440.4	0.18	0.000	88306000
2000	440.9	0.16	0.000	88009000
2100	441.5	0.16	0.000	87818000
2200	440.2	0.17	0.000	88456000
2300	439.5	0.16	0.000	87266000
AVG	436.9	0.16	0.000	87506125.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:08:25

Reporting Period  
Day: 09/07/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	440.5	0.15	0.000	87839000
0100	442.0	0.16	0.000	88295000
0200	440.6	0.16	0.000	87947000
0300	438.7	0.16	0.000	88574000
0400	441.3	0.17	0.000	88020000
0500	441.7	0.16	0.000	88174000
0600	440.6	0.16	0.000	88321000
0700	440.6	0.16	0.000	88135000
0800	439.8	0.16	0.000	87749000
0900	440.0	0.16	0.000	87226000
1000	440.5	0.15	0.000	87391000
1100	440.9	0.16	0.000	87233000
1200	441.0	0.16	0.000	86998000
1300	440.6	0.16	0.000	87580000
1400	438.0	0.16	0.000	87179000
1500	441.7	0.16	0.000	87340000
1600	422.9	0.16	0.000	84726000
1700	393.4	0.15	0.000	79894000
1800	434.9	0.16	0.000	87114000
1900	442.6	0.15	0.000	88168000
2000	441.8	0.17	0.000	87712000
2100	438.5	0.15	0.000	87570000
2200	440.5	0.15	0.000	87384000
2300	440.8	0.15	0.000	88225000
AVG	437.7	0.16	0.000	87283083.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:08:45

Reporting Period  
Day: 09/08/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	442.0	0.15	0.000	88079000
0100	442.0	0.17	0.000	88174000
0200	442.3	0.16	0.000	88555000
0300	439.0	0.18	0.000	87874000
0400	439.7	0.16	0.000	87838000
0500	440.9	0.17	0.000	87640000
0600	441.6	0.18	0.000	87936000
0700	441.6	0.16	0.000	88838000
0800	439.6	0.16	0.000	87470000
0900	440.1	0.16	0.000	87326000
1000	440.8	0.16	0.000	87666000
1100	441.2	0.15	0.000	87858000
1200	441.9	0.16	0.000	87748000
1300	439.4	0.15	0.000	87512000
1400	438.4	0.16	0.000	87351000
1500	440.7	0.16	0.000	87225000
1600	442.3	0.16	0.000	87417000
1700	440.4	0.15	0.000	87875000
1800	438.6	0.16	0.000	88384000
1900	435.4	0.16	0.000	88211000
2000	438.5	0.16	0.000	87800000
2100	439.8	0.16	0.000	88086000
2200	428.9	0.16	0.000	87156000
2300	257.7	0.16	0.000	58184000
AVG	432.2	0.16	0.000	86591791.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:09:05

Reporting Period  
Day: 09/09/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	167.8	0.16	0.000	45136000
0100	128.6	0.16	0.000	44242000
0200	185.6	0.15	0.000	47841000
0300	205.5	0.15	0.000	50997000
0400	180.8	0.16	0.000	48004000
0500	138.2	0.15	0.000	46051000
0600	255.4	0.15	0.000	58113000
0700	305.8	0.15	0.000	67904000
0800	399.5	0.15	0.000	84348000
0900	416.8	0.17	0.000	88199000
1000	428.0	0.15	0.000	88692000
1100	426.5	0.15	0.000	88639000
1200	427.4	0.16	0.000	88627000
1300	429.2	0.16	0.000	89436000
1400	430.4	0.16	0.000	89123000
1500	432.0	0.16	0.000	88948000
1600	430.6	0.16	0.000	88643000
1700	429.7	0.17	0.000	88462000
1800	431.9	0.17	0.000	88258000
1900	433.7	0.15	0.000	89420000
2000	434.8	0.14	0.000	89254000
2100	436.1	0.14	0.000	89064000
2200	437.1	0.15	0.000	88978000
2300	437.6	0.14	0.000	90191000
AVG	351.2	0.15	0.000	76107083.3



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:09:27

Reporting Period  
Day: 09/10/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	437.9	0.12	0.000	89855000
0100	438.6	0.14	0.000	89508000
0200	440.1	0.14	0.000	91087000
0300	434.9	0.12	0.000	89019000
0400	435.8	0.13	0.000	88919000
0500	437.7	0.14	0.000	89041000
0600	439.8	0.14	0.000	90000000
0700	435.5	0.14	0.000	88574000
0800	436.7	0.14	0.000	89400000
0900	438.7	0.14	0.000	89023000
1000	437.5	0.14	0.000	89115000
1100	439.3	0.15	0.000	89778000
1200	439.1	0.15	0.000	89885000
1300	441.0	0.15	0.000	90273000
1400	438.6	0.15	0.000	89692000
1500	437.6	0.15	0.000	89711000
1600	438.9	0.16	0.000	89104000
1700	440.6	0.15	0.000	88868000
1800	440.7	0.16	0.000	89053000
1900	440.3	0.15	0.000	89220000
2000	439.8	0.15	0.000	89977000
2100	440.6	0.15	0.000	89296000
2200	440.8	0.15	0.000	89380000
2300	440.9	0.18	0.000	89356000
AVG	438.8	0.15	0.000	89463916.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:09:52

Reporting Period  
Day: 09/11/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	441.0	0.17	0.000	89761000
0100	441.4	0.15	0.000	90562000
0200	442.4	0.15	0.000	90191000
0300	442.2	0.16	0.000	90001000
0400	441.4	0.15	0.000	89460000
0500	437.2	0.15	0.000	89292000
0600	439.4	0.15	0.000	89531000
0700	440.5	0.14	0.000	90075000
0800	441.5	0.14	0.000	89570000
0900	437.6	0.14	0.000	89226000
1000	439.2	0.14	0.000	88708000
1100	440.2	0.15	0.000	89636000
1200	440.9	0.15	0.000	89753000
1300	441.5	0.15	0.000	90289000
1400	438.9	0.14	0.000	90258000
1500	438.4	0.14	0.000	90050000
1600	439.7	0.14	0.000	89955000
1700	441.1	0.14	0.000	90615000
1800	441.7	0.14	0.000	89548000
1900	437.5	0.14	0.000	89666000
2000	438.9	0.14	0.000	89068000
2100	440.9	0.14	0.000	88510000
2200	441.7	0.14	0.000	89615000
2300	440.5	0.14	0.000	90111000
AVG	440.2	0.15	0.000	89727125.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:10:08

Reporting Period  
Day: 09/12/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	440.2	0.14	0.000	88883000
0100	434.8	0.14	0.000	88256000
0200	345.3	0.14	0.000	73060000
0300	342.5	0.14	0.000	73317000
0400	342.6	0.14	0.000	73868000
0500	376.3	0.15	0.000	80678000
0600	433.6	0.14	0.000	90947000
0700	443.2	0.15	0.000	92079000
0800	444.2	0.07	0.000	90156000
0900	444.3	0.00	0.000	88928000
1000	444.3	0.00	0.000	89267000
1100	441.0	2.87	0.005	88290000
1200	443.3	2.97	0.005	88489000
1300	445.3	3.38	0.006	88751000
1400	440.0	3.54	0.007	88851000
1500	435.6	2.49	0.005	88119000
1600	434.7	2.48	0.005	88285000
1700	438.2	2.98	0.006	88598000
1800	439.3	3.15	0.006	89020000
1900	439.0	3.41	0.006	90184000
2000	439.9	3.23	0.006	95127000
2100	437.5	2.77	0.005	90215000
2200	438.0	2.88	0.005	94199000
2300	438.9	3.05	0.006	96544000
AVG	425.1	1.68	0.003	87671291.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 09/14/2012  
Time: 09:10:26

Reporting Period  
Day: 09/13/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	366.7	1.85	0.003	78727000
0100	302.4	1.29	0.002	66457000
0200	273.2	1.16	0.002	62006000
0300	255.5	1.02	0.002	58237000
0400	294.3	1.16	0.002	64986000
0500	417.8	3.19	0.006	97301000
0600	438.3	3.53	0.006	84971000
0700	434.3	3.18	0.006	100941000
0800	436.4	3.51	0.006	81703000
0900	438.9	3.90	0.007	93492000
1000	439.3	4.16	0.008	89999000
1100	439.8	4.67	0.009	89955000
1200	438.3	4.04	0.007	89386000
1300	435.7	4.27	0.008	89767000
1400	435.7	4.38	0.008	89291000
1500	436.6	4.53	0.009	89667000
1600	438.3	3.33	0.006	89652000
1700	438.4	3.16	0.006	89735000
1800	439.0	3.19	0.006	89493000
1900	439.3	3.30	0.006	89901000
2000	440.1	2.65	0.005	89179000
2100	436.3	2.44	0.005	88765000
2200	439.3	2.65	0.005	89577000
2300	440.3	2.87	0.005	89620000
AVG	408.1	3.06	0.006	85117000.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:01:15

Reporting Period  
Day: 09/14/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	441.1	3.23	0.006	89795000
0100	442.6	3.18	0.006	89568000
0200	442.5	2.89	0.005	89771000
0300	438.3	2.59	0.005	89212000
0400	440.5	2.76	0.005	89154000
0500	441.5	2.82	0.005	89440000
0600	441.8	2.90	0.005	89791000
0700	443.2	3.00	0.006	89186000
0800	443.2	3.18	0.006	89125000
0900	443.2	3.56	0.007	89197000
1000	442.9	3.52	0.006	88746000
1100	442.7	3.31	0.006	88716000
1200	443.3	3.32	0.006	88459000
1300	443.1	3.29	0.006	88574000
1400	443.4	3.27	0.006	88881000
1500	441.8	3.03	0.005	88726000
1600	440.6	2.92	0.005	88652000
1700	441.4	3.12	0.006	89037000
1800	440.6	2.99	0.005	89270000
1900	441.9	3.33	0.006	90006000
2000	441.2	3.17	0.006	89724000
2100	441.2	3.01	0.005	89075000
2200	442.3	3.26	0.006	89892000
2300	442.7	3.38	0.006	90350000
AVG	442.0	3.13	0.006	89264458.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:01:35

Reporting Period  
Day: 09/15/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	440.3	2.67	0.005	89717000
0100	440.7	2.56	0.005	89199000
0200	441.9	2.65	0.005	90302000
0300	442.4	2.85	0.005	90136000
0400	443.2	2.98	0.005	90035000
0500	443.3	3.06	0.005	89861000
0600	443.5	3.23	0.006	90796000
0700	443.9	3.42	0.006	91187000
0800	444.4	3.59	0.006	91039000
0900	444.3	3.96	0.007	91499000
1000	444.2	4.23	0.008	91167000
1100	444.1	4.67	0.008	91512000
1200	442.0	3.83	0.007	89917000
1300	442.0	3.81	0.007	90321000
1400	443.3	4.21	0.008	91056000
1500	441.3	3.53	0.006	91761000
1600	442.4	3.50	0.006	92033000
1700	432.7	3.31	0.006	90101000
1800	433.6	3.32	0.006	90053000
1900	433.4	3.30	0.006	91036000
2000	433.3	2.82	0.005	90725000
2100	433.7	2.69	0.005	90283000
2200	433.9	2.90	0.005	90775000
2300	433.5	2.99	0.005	91169000
AVG	440.1	3.34	0.006	90653333.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:02:00

Reporting Period  
Day: 09/16/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	433.6	3.02	0.005	91653000
0100	433.6	2.97	0.005	91381000
0200	433.4	2.47	0.004	91532000
0300	433.7	2.52	0.005	91716000
0400	433.6	2.61	0.005	92146000
0500	441.4	2.97	0.005	93139000
0600	444.4	3.50	0.006	93085000
0700	445.3	3.87	0.007	93040000
0800	445.5	4.28	0.008	93758000
0900	445.3	4.80	0.009	93321000
1000	444.4	4.74	0.009	92082000
1100	443.7	4.89	0.009	91392000
1200	443.4	4.88	0.009	92249000
1300	444.1	5.05	0.009	91963000
1400	443.9	4.74	0.009	92957000
1500	432.4	3.25	0.006	90586000
1600	433.7	3.12	0.006	91833000
1700	433.6	3.18	0.006	92601000
1800	433.9	3.65	0.007	93154000
1900	433.5	3.92	0.007	93795000
2000	433.6	3.90	0.007	93644000
2100	431.4	3.50	0.006	93206000
2200	415.6	3.15	0.006	91123000
2300	341.8	2.02	0.004	73943000
AVG	433.3	3.63	0.007	91637458.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:02:25

Reporting Period  
Day: 09/17/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	255.6	1.59	0.003	57284000
0100	253.3	1.50	0.003	56853000
0200	252.9	1.42	0.003	56812000
0300	256.7	1.35	0.003	57196000
0400	305.0	1.45	0.003	65902000
0500	408.4	2.24	0.004	89771000
0600	438.8	2.65	0.005	98254000
0700	439.7	2.65	0.005	96002000
0800	438.8	2.56	0.005	95647000
0900	437.6	2.67	0.005	95047000
1000	439.2	2.88	0.005	93524000
1100	439.8	3.05	0.005	91791000
1200	439.0	3.28	0.006	92459000
1300	439.9	3.26	0.006	91116000
1400	436.8	3.01	0.005	91960000
1500	438.1	2.95	0.005	90450000
1600	414.9	2.98	0.005	87007000
1700	381.9	2.42	0.004	80467000
1800	413.0	2.65	0.005	88455000
1900	437.8	3.29	0.006	93228000
2000	395.3	2.59	0.005	85607000
2100	370.4	2.26	0.004	79992000
2200	364.1	2.18	0.004	80935000
2300	290.9	1.94	0.004	63325000
AVG	382.8	2.45	0.005	82461833.3



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:02:50

Reporting Period  
Day: 09/18/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	155.4	1.88	0.005	45979000
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			
AVG	155.4	1.88	0.005	45979000.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:03:32

Reporting Period  
Day: 09/19/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:03:59

Reporting Period  
Day: 09/20/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	68.1	0.51	0.002	49642000
0400	157.2	0.53	0.001	52947000
0500	202.6	0.54	0.001	53118000
0600	320.0	0.66	0.001	72250000
0700	407.9	1.15	0.002	91571000
0800	405.1	1.37	0.002	89691000
0900	428.1	1.43	0.003	96221000
1000	431.0	2.55	0.005	96528000
1100	431.3	1.53	0.003	96881000
1200	432.0	1.59	0.003	97377000
1300	435.5	1.44	0.003	97401000
1400	435.3	1.45	0.003	97653000
1500	434.8	1.43	0.003	98073000
1600	435.4	1.36	0.002	98066000
1700	437.1	1.20	0.002	97311000
1800	436.7	1.10	0.002	98254000
1900	435.5	0.86	0.002	96874000
2000	431.6	0.49	0.001	93747000
2100	433.9	0.19	0.000	91547000
2200	436.2	0.14	0.000	91789000
2300	436.6	0.16	0.000	94257000
AVG	384.4	1.03	0.002	88152285.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:04:29

Reporting Period  
Day: 09/21/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	437.1	0.15	0.000	93494000
0100	406.5	0.14	0.000	87357000
0200	388.1	0.18	0.000	83053000
0300	388.2	0.23	0.000	82096000
0400	426.4	0.27	0.000	90684000
0500	438.2	0.32	0.001	92059000
0600	438.2	0.28	0.000	92740000
0700	439.2	0.20	0.000	92286000
0800	439.4	0.19	0.000	91188000
0900	439.8	0.19	0.000	95223000
1000	439.8	0.21	0.000	95102000
1100	438.6	0.20	0.000	95399000
1200	436.7	0.20	0.000	94778000
1300	438.4	0.17	0.000	94053000
1400	438.9	0.15	0.000	92779000
1500	437.8	0.15	0.000	93642000
1600	436.1	0.15	0.000	91464000
1700	438.6	0.15	0.000	91354000
1800	439.7	0.15	0.000	91323000
1900	439.3	0.15	0.000	92378000
2000	440.4	0.17	0.000	91780000
2100	438.0	0.15	0.000	91019000
2200	440.0	0.15	0.000	91687000
2300	440.2	0.16	0.000	92762000
AVG	432.7	0.19	0.000	91654166.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:04:52

Reporting Period  
Day: 09/22/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	441.3	0.17	0.000	92006000
0100	442.4	0.19	0.000	91666000
0200	440.2	0.15	0.000	92293000
0300	376.1	0.15	0.000	78668000
0400	313.8	0.14	0.000	67138000
0500	335.3	0.14	0.000	72517000
0600	388.1	0.15	0.000	82536000
0700	420.4	0.15	0.000	90570000
0800	441.0	0.15	0.000	93385000
0900	441.9	0.16	0.000	92817000
1000	441.8	0.15	0.000	92945000
1100	441.0	0.14	0.000	92516000
1200	441.7	0.14	0.000	91870000
1300	441.6	0.15	0.000	90960000
1400	441.1	0.15	0.000	91515000
1500	437.9	0.16	0.000	92382000
1600	439.3	0.16	0.000	92104000
1700	440.6	0.16	0.000	95034000
1800	440.4	0.15	0.000	97775000
1900	437.6	0.15	0.000	96647000
2000	440.2	0.14	0.000	93620000
2100	437.5	0.13	0.000	91027000
2200	438.9	0.13	0.000	91625000
2300	440.7	0.13	0.000	91942000
AVG	425.0	0.15	0.000	89814916.7

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:05:14

Reporting Period  
Day: 09/23/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	440.8	0.13	0.000	92765000
0100	441.8	0.13	0.000	91663000
0200	440.0	0.13	0.000	91707000
0300	439.9	0.14	0.000	92723000
0400	440.8	0.14	0.000	95030000
0500	440.2	0.14	0.000	94975000
0600	440.0	0.13	0.000	98045000
0700	440.1	0.14	0.000	96171000
0800	441.3	0.14	0.000	96100000
0900	441.5	0.14	0.000	97090000
1000	442.0	0.14	0.000	96128000
1100	440.0	0.15	0.000	94865000
1200	439.3	0.16	0.000	92137000
1300	439.4	0.16	0.000	94348000
1400	440.1	0.16	0.000	101662000
1500	439.8	0.17	0.000	103116000
1600	437.7	0.17	0.000	101984000
1700	437.9	0.17	0.000	100427000
1800	438.6	0.17	0.000	100959000
1900	437.5	0.17	0.000	102110000
2000	437.6	0.17	0.000	101904000
2100	438.7	0.17	0.000	103861000
2200	437.3	0.17	0.000	100329000
2300	438.1	0.17	0.000	94795000
AVG	439.6	0.15	0.000	97287250.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:05:43

Reporting Period  
Day: 09/24/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	439.7	0.16	0.000	92112000
0100	376.9	0.16	0.000	81412000
0200	302.5	0.15	0.000	65876000
0300	302.1	0.15	0.000	65141000
0400	345.0	0.16	0.000	73812000
0500	419.9	0.16	0.000	92813000
0600	439.1	0.16	0.000	98928000
0700	440.3	0.15	0.000	98962000
0800	440.1	0.15	0.000	97990000
0900	440.3	0.15	0.000	95996000
1000	439.9	0.16	0.000	97024000
1100	434.9	0.16	0.000	94063000
1200	436.5	0.15	0.000	95666000
1300	438.4	0.15	0.000	95707000
1400	439.2	0.15	0.000	96671000
1500	439.2	0.15	0.000	97135000
1600	439.4	0.14	0.000	95522000
1700	440.5	0.14	0.000	96866000
1800	440.4	0.15	0.000	96647000
1900	440.4	0.15	0.000	96704000
2000	440.9	0.16	0.000	96507000
2100	441.2	0.15	0.000	95031000
2200	437.3	0.15	0.000	93560000
2300	438.7	0.15	0.000	94347000
AVG	420.5	0.15	0.000	91853833.3

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:06:01

Reporting Period  
Day: 09/25/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	421.4	0.15	0.000	90162000
0100	312.7	0.15	0.000	69367000
0200	302.2	0.15	0.000	68468000
0300	303.8	0.15	0.000	68990000
0400	370.4	0.15	0.000	80428000
0500	436.8	0.15	0.000	93726000
0600	438.8	0.15	0.000	93398000
0700	438.9	0.15	0.000	92380000
0800	438.6	0.16	0.000	92400000
0900	439.1	0.15	0.000	93378000
1000	437.9	0.17	0.000	95601000
1100	437.2	0.15	0.000	96538000
1200	437.1	0.15	0.000	95489000
1300	439.2	0.14	0.000	95251000
1400	439.9	0.14	0.000	95551000
1500	440.2	0.15	0.000	97744000
1600	440.2	0.15	0.000	98837000
1700	438.6	0.15	0.000	97933000
1800	437.5	0.15	0.000	96442000
1900	433.2	0.22	0.000	95485000
2000	427.8	0.18	0.000	95839000
2100	433.4	0.16	0.000	93752000
2200	432.5	0.16	0.000	94609000
2300	430.6	0.16	0.000	95598000
AVG	417.0	0.16	0.000	91140250.0



Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:06:19

Reporting Period  
Day: 09/26/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	431.7	0.16	0.000	94423000
0100	433.4	0.16	0.000	93343000
0200	433.6	0.16	0.000	95010000
0300	433.6	0.16	0.000	97116000
0400	438.6	0.16	0.000	95239000
0500	438.8	0.16	0.000	97713000
0600	438.8	0.16	0.000	95772000
0700	438.6	0.16	0.000	96225000
0800	438.8	0.16	0.000	99111000
0900	439.2	0.16	0.000	95961000
1000	442.6	0.15	0.000	97267000
1100	442.8	0.14	0.000	97924000
1200	443.3	0.16	0.000	99535000
1300	441.6	0.16	0.000	99782000
1400	438.0	0.16	0.000	97853000
1500	438.9	0.16	0.000	99101000
1600	439.6	0.17	0.000	98003000
1700	439.0	0.17	0.000	96932000
1800	383.6	0.17	0.000	89688000
1900	130.8	0.15	0.001	59404000
2000	OFFLINE			
2100	OFFLINE			
2200	OFFLINE			
2300	OFFLINE			
AVG	420.3	0.16	0.000	94770100.0

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:07:01

Reporting Period  
Day: 09/27/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m <sup>3</sup>	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

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Tampa Electric  
Unit 4  
Big Bend 3-4  
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Today's Date: 10/09/2012  
Time: 08:07:31

Reporting Period  
Day: 09/28/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

Tampa Electric  
Unit 4  
Big Bend 3-4

Today's Date: 10/09/2012  
Time: 08:07:51

Reporting Period  
Day: 09/29/2012

Daily Particulate Monitor Summary

Time	Load MWge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*

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Tampa Electric  
Unit 4  
Big Bend 3-4  
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Today's Date: 10/09/2012  
Time: 08:08:15

Reporting Period  
Day: 09/30/2012

Daily Particulate Monitor Summary

Time	Load Mwge	DUST ug/m^3	DUST lb/mmBtu	Flow scfh
0000	OFFLINE			
0100	OFFLINE			
0200	OFFLINE			
0300	OFFLINE			
0400	OFFLINE			
0500	OFFLINE			
0600	OFFLINE			
0700	OFFLINE			
0800	OFFLINE			
0900	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			

AVG\*\*\*\*\*