

**Ammonia, Nitrogen
Oxides, Carbon Monoxide,
Sulfur Dioxide, Total
Particulate Matter, Volatile
Organic Compounds, and
Sulfuric Acid Emissions
Compliance Test Report**

New Covert Generating Company, LLC
New Covert Generating Facility
EU-TURBINE2/DB2 Stack
Covert, Michigan
Project No. M190212CR1
May 29 and 30, 2019



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1.0 EXECUTIVE SUMMARY

MOSTARDI PLATT conducted a compliance emissions test program for New Covert Generating Company, LLC at the New Covert Generating Facility in Covert, Michigan, on the EU-TURBINE2/DB2 Stack. This report summarizes the results of the test program and test methods used. The test location, test date, and test parameters are summarized below.

TEST INFORMATION			
Test Location	Test Date	Test Parameter	Test Method
EU-TURBINE2/DB2 Stack	May 29 and 30, 2019	Volumetric Flow Rate	Method 1 and Method 2
		Carbon Dioxide (CO ₂) and Oxygen (O ₂)	Method 3A
		Nitrogen Oxides (NO _x)	Method 7E
		Carbon Monoxide (CO)	Method 10
		Ammonia (NH ₃)	Method 320
		Moisture (H ₂ O)	Method 320
		Volatile Organic Compounds (VOC)	Method 25A
		Total Particulate Matter (TPM)	Method 5 and Method 202
		Sulfuric Acid (H ₂ SO ₄)	Conditional Test Method 013 (CTM-013)

New Covert owns and operates the New Covert Generating Facility located at 26000 77th Street in Covert, Michigan. The facility consists of three natural gas-fired Mitsubishi 501G turbines with heat recovery steam generators (HRSGs), designated as Emission Unit (EU) EU-TURBINE1, EU-TURBINE2 and EU-TURBINE3. Each HRSG contains a duct burner designated as EU-DB1, EU-DB2 and EU-DB3, respectively, to provide additional steam generating capability and increase the maximum power generating capability of the HRSG. Each duct burner is rated at approximately 256 million British thermal units per hour (MMBtu/hr). Each turbine and duct burner set are equipped with a dry low-NO_x combustor, and each HRSG is equipped with a selective catalytic reduction (SCR) system and an oxidation catalyst to control NO_x and CO emissions.

The stacks are circular and measure 22.1 feet (ft) (265 inches) in diameter at the test ports which are approximately 140 ft above grade level with an exit elevation of approximately 160 ft above grade level. The test ports are located approximately 85 ft (1020 inches) downstream and approximately 20 ft (240 inches) upstream from the nearest disturbances.

A single, dedicated CEMS is installed at each unit. The CEMS configuration includes a NO_x analyzer, a CO analyzer, a diluent gas O₂ monitor for measurements at the outlet stack, and a data acquisition and handling system (DAHS).

The purpose of the test program was to demonstrate compliance emission limits in accordance with the Mostardi Platt Emission Test Protocol M190211 Rev. 1 dated February 21, 2019. Selected results of the test program are summarized below. A complete summary of emission test results follows the narrative portion of this report.

TEST RESULTS			
Test Condition	Test Parameter	Measured Concentration	Emission Limit
100% Load with Duct Burners On	NO _x	1.2 ppmvd @ 15% O ₂	2.0 ppmvd @ 15% O ₂
		13.0 lb/hr	22.4 lb/hr
	CO	0.3 ppmvd	2.0 ppmvd
	TPM*	6.992 lb/hr	10.7 lb/hr
	SO ₂ **	0.0004 lb/mmBTU***	0.060 lb/mmBTU
	H ₂ SO ₄	0.10 lb/hr	1.0 lb/hr
	NH ₃ ppmvd @ 15% O ₂	5.1 ppmvd @ 15% O ₂	10 ppmvd @ 15% O ₂
	VOC	0.4 lb/hr	7.7 lb/hr

* All Particulate Collected was considered less than 2.5

** 100% conversion of sulfur in fuel to SO₂ was assumed for calculations

*** Pipeline Natural Gas analysis performed on 5/13/2019

The identification of individuals associated with the test program is summarized below.

TEST PERSONNEL INFORMATION		
Location	Address	Contact
Test Facility	New Covert Generating Company, LLC New Covert Generating Facility 26000 77 th Street Covert, Michigan 49043	Mr. Chris Head Operations Manager (269) 764-3805 (phone) CHead@camsops.com
Testing Company Representative	Mostardi Platt 888 Industrial Drive Elmhurst, Illinois 60126	Mr. John Nestor Project Manager 630-993-2100 (phone) jnestor@mp-mail.com

The test crew consisted of E. Ehlers, B. Hendricks, J. Juarez, W. Petrovich, and J. Nestor of Mostardi Platt.

2.0 TEST METHODOLOGY

Emission testing was conducted following the methods specified in 40 CFR, Part 60, Appendix A, and 40 CFR, Part 63, Appendix A. Plant Operating Data can be found in Appendix A. Schematics of the test section diagram and sampling train used are included in Appendix B and C, respectively. Calculation examples and nomenclature are included in Appendix D and reference method data are found in Appendix E. Copies of analyzer QA/QC are found in Appendix F.

The following methodologies were used during the test program:



Method 1 Traverse Point Determination

Test measurement points were selected in accordance with Method 1. The characteristics of the measurement location are summarized below.

TEST POINT INFORMATION						
Location	Diameter (Feet)	Area (Square Feet)	Upstream Distance (Inches)	Downstream Distance (Inches)	Test Parameter	Number of Sampling Points
EUTURBINE2/ DB2 - Stack	22.1	383.6	>0.5	>2.0	TPM	12
					NO _x /CO/VOC /O ₂ /CO ₂	12 (strat)
					Volumetric Flow	16
					H ₂ SO ₄	1

A null point pitot traverse check was performed utilizing a Type S pitot tube prior to any testing to verify the absence of cyclonic flow at each test location per USEPA Method 1, Section 11.4. The null point at the test location averaged 8.6 degrees which meets the requirements. The results can be found in Appendix E.

Method 2 Volumetric Flowrate Determination

Gas velocity was measured following Method 2, for purposes of calculating stack gas volumetric flow rate. An S-type pitot tube, differential pressure gauge, Thermocouple and temperature readout were used to determine gas velocity at each sample point. All of the equipment used was calibrated in accordance with the specifications of the Method. Calibration data are presented in Appendix F.

Method 3A Oxygen (O₂)/Carbon Dioxide (CO₂) Determination

Flue gas O₂ was determined in accordance with Method 3A. An ECOM analyzer was used to determine stack gas oxygen content and was connected to the outlet of the FTIR analyzer.

Flue gas carbon dioxide concentrations and emission rates were determined in accordance with Method 3A. An MKS MultiGas 2030 FTIR spectrometer was used to determine the CO₂ concentrations at the stack, in the manner specified in the Method. Nitrogen content was determined from the difference of CO₂ and O₂.

Stack gas was delivered to the analyzer via a Teflon® sampling line, heated to a minimum temperature of 375°F. The entire system was calibrated in accordance with the Method, using certified calibration gases introduced at the probe, before and after each test run.

All of the equipment used was calibrated in accordance with the specifications of the Method and calibration data are included in Appendix F. Copies of the gas cylinder certifications are included in Appendix I.



Method 4 Moisture Determination

Method 4 allows for the use of FTIR to measure moisture content of the stack effluent as stated in USEPA Method 320, 40CFR63, Appendix A.

Method 5 Particulate Determination

Stack gas particulate concentrations and emission rates were determined in accordance with Method 5, 40 CFR, Part 60, Appendix A at the test location. An Environmental Supply Company, Inc. sampling train was used to sample stack gas at an isokinetic rate, as specified in the Method. Particulate matter in the sample probe was recovered using an acetone rinse. The probe wash and filter catch were analyzed by Mostardi Platt in accordance with the Method in the Elmhurst, Illinois laboratory. Laboratory data are found in Appendix G. All of the equipment used was calibrated in accordance with the specifications of the Method. Field data sheets are provided in Appendix H and calibration data are presented in Appendix F.

Method 7E Nitrogen Oxide (NO_x) Determination

Flue gas nitrogen oxide concentrations and emission rates were determined in accordance with Method 7E. An MKS MultiGas 2030 FTIR spectrometer was used to determine nitrogen oxide concentrations at the stack, in the manner specified in the Method.

Stack gas was delivered to the analyzer via a Teflon® sampling line, heated to a minimum temperature of 375°F. The entire system was calibrated in accordance with the Method, using certified calibration gases introduced at the probe, before and after each test run.

A list of calibration gases used and the results of all calibration and other required quality assurance checks can be found in Appendix F. Copies of calibration gas certifications can be found in Appendix I. All data was corrected using the oxygen determined from the method 3A sampling. Emission rates were determined using the method 2 volumetric flow determination.

Method 10 Carbon Monoxide (CO) Determination

Flue gas carbon monoxide concentrations and emission rates were determined in accordance with Method 10. An MKS MultiGas 2030 FTIR spectrometer was used to determine carbon monoxide concentrations at the stack, in the manner specified in the Method.

Stack gas was delivered to the analyzer via a Teflon® sampling line, heated to a minimum temperature of 375°F. The entire system was calibrated in accordance with the Method, using certified calibration gases introduced at the probe, before and after each test run.

Conditional Test Method 013 Sulfuric Acid Mist Determination

Stack gas sulfuric acid mist (SAM) concentrations and emission rates were determined in accordance with USEPA Conditional Test Method 013 (CTM-013). An Environmental Supply Company, Inc. sampling train was used to sample stack gas at a constant rate of approximately 0.3 cubic feet per minute.

The Flue Gas was extracted through a heated quartz-lined probe with a heated quartz thimble for removal of particulate matter. Probe temperatures were maintained at 600 °F +/-25 °F, and filter housing temperatures were maintained at 550 °F +/-25 °F. SO₃ was then collected as the sample gas passed through a hot water condenser followed by a high purity quartz filter maintained at a temperature range of 140 °F +/-9 °F. The sample train was then passed through hydrogen peroxide impingers to remove any excess moisture. The impingers were placed in an ice bath to



maintain the exit gas from the last impinger containing silica gel below 68 °F. Maintaining the temperature increases the efficiency of the silica gel in drying the metered gas. A leak check of the entire sample train was performed at a vacuum greater than the sampling vacuum after each sampling run to determine if any leakage had occurred during the test run. A leakage rate not in excess of 2% of the average sampling rate is considered acceptable.

All samples were analyzed in the Elmhurst lab by ion chromatography (IC). The IC has a column that separates ions that are then detected by conductivity changes. The time it takes (retention time) for an ion to elute is indicative of its identity. The level of conductivity related to the concentration of the ion. The ppm Sulfate obtained for the samples were corrected for the sample dilution, the total volume of the coil solution and the gravimetric factor of Sulfur Trioxide/Sulfate.

Method 202 Condensable Particulate Determination

Stack gas condensable particulate matter concentrations and emission rates were determined in accordance with USEPA Method 202, in conjunction with Method 5 filterable particulate sampling. This method applies to the determination of condensable particulate matter (CPM) emissions from stationary sources. It is intended to represent condensable matter as material that condenses after passing through a filter and as measured by this method.

The CPM was collected in the impinger portion of the Method 5 (Appendix A, 40CFR60) type sampling trains. The impinger contents were immediately purged after each run with nitrogen (N₂) to remove dissolved sulfur dioxide (SO₂) gases from the impinger contents. The impinger solution was then extracted with hexane. The organic and aqueous fractions were then taken to dryness and the residues weighed. A correction was made for any ammonia present due to laboratory analysis procedures. The total of both fractions represents the CPM.

All sample recovery was performed at the test site by the test crew. Mostardi Platt personnel at the laboratory in Elmhurst, Illinois, performed all final particulate sample analyses. Laboratory data are found in Appendix G. All of the equipment used was calibrated in accordance with the specifications of the Method. Calibration data are presented in Appendix F.

Method 320 Fourier Transform Infrared (FTIR) Detector Multi-Gas Determination

The Method 320 sampling and measurement system meets the requirements of US EPA Reference Method 320, "Vapor Phase Organic and Inorganic Emissions by Extractive FTIR," 40CFR63, Appendix A. This method applies to the measurement of ammonia and moisture concentrations. With this method, gas samples are extracted from the sample locations through heated Teflon sample lines to the analyzers.

FTIR technology works on the principle that most gases absorb infrared light. This is true for all compounds with the exception of homonuclear diatomic molecules and noble gases such as: N₂, O₂, H₂, He, Ne, and Ar. Vibrations, stretches, bends, and rotations within the bonds of a molecule determine the infrared absorption distinctiveness. The absorption creates a "fingerprint" which is unique to each given compound.

The quantity of infrared light absorbed is proportional to the gas concentration. Most compounds have absorbencies at different infrared frequencies, thus allowing the simultaneous analysis of multiple compounds at one time. The FTIR software compares each sample spectrum to a user-

selected list of calibration references and concentration data is generated. FTIR data was collected using an MKS MultiGas 2030 FTIR spectrometer.

The FTIR was equipped with a temperature-controlled, 5.11 meter multi-pass gas cell maintained at 191°C. Gas flows and sampling system pressures were monitored using a rotameter and pressure transducer. All data was collected at 0.5 cm⁻¹ resolution. Each spectrum was derived from the coaddition of 64 scans, with a new data point generated approximately every one minute. Analyzer data for each run is presented in Appendix E.

SAMPLING SYSTEM PARAMETERS				
MKS Serial #	Sampling Line	Probe Assembly	Particulate Filter Media	Operating Temperatures
019088128	100' 3/8" dia., heated Teflon	Heated 3', 3/8" dia. SS	0.01μ heated borosilicate glass fiber	191°C

QA/QC procedures followed US EPA Method 320. See below for QA/QC procedure details and list of calibration gas standards. All calibration gases were introduced to the analyzer and the sampling system using an instrument grade stainless steel rotameter. All QA/QC procedures were within the acceptance criteria allowance of the applicable EPA methodology. See Appendix F for FTIR QA/QC Data.

FTIR QA/QC PROCEDURES						
QA/QC Specification	Purpose	Calibration Gas Analyte	Delivery	Frequency	Acceptance Criteria	Result
M320: Zero	Verify that the FTIR is free of contaminants & zero the FTIR	Nitrogen (zero)	Direct to FTIR	pre/post test	< MDL or Noise	Pass
M320: Calibration Transfer Standard (CTS) Direct	Verify FTIR stability, confirm optical path length	Ethylene	Direct to FTIR	pretest	+/- 5% cert. value	Pass
M320: Analyte Direct	Verify FTIR calibration	Ammonia, SF6	Direct to FTIR	pretest	+/- 5% cert. value	Pass
M320: CTS Response	Verify system stability, recovery, response time	Ethylene	Sampling System	Daily, pre/post test	+/- 5% of Direct Measurement	Pass
M320: Zero Response	Verify system is free of system bias	Nitrogen (zero)	Sampling System	pretest	Bias correct data	Pass
M320: Analyte Spike	Verify system ability to deliver and quantify analyte of interest in the presence of effluent gases	Ammonia, SF6	Dynamic Addition to Sampling System, 1:10 effluent	Throughout testing – daily	+/- 30% theoretical recovery	Pass

Note: The determined concentrations from direct analyses were used in all system/spike recovery calculations.



CALIBRATION GAS STANDARDS				
Components	Concentration (ppm)	Vendor	Cylinder #	Standard Type
Ethylene	98.20	Airgas	ALM-047083	Primary +/- 2%
NH ₃	99.47	Airgas	CC159613	Certified Standard-Spec +/- 5%
Nitrogen	Zero Gas	Airgas	N/A	UHP Grade

Analyte Spiking

Ammonia spiking was performed prior to testing to verify the ability of the sampling system to quantitatively deliver a sample containing reactive analytes of interest from the base of the probe to the FTIR. Analyte spiking assures the ability of the FTIR sampling system to recover volatile organics in the presence of effluent gas.

As part of the spiking procedure, samples were measured to determine ammonia concentrations to be used in the spike recovery calculations. The analyte spiking gases contained a low concentration of sulfur hexafluoride (SF₆). The determined SF₆ concentration in the spiked sample was used to calculate the dilution factor of the spike and thus used to calculate the concentration of the spiked acetaldehyde and methanol. The spike target dilution ratio was 1:10 or less.

The following equation illustrates the percent recovery calculation.

$$DF = \frac{SF6(spik)}{SF6(direct)} \quad (\text{Sec. 9.2.3 (3) USEPA Method 320})$$

$$CS = DF * Spike(dir) + Unspike(1 - DF) \quad (\text{Sec. 9.2.3 (4) USEPA Method 320})$$

DF = Dilution factor of the spike gas

SF_{6(dir)} = SF₆ concentration measured directly in undiluted spike gas

SF_{6(spik)} = Diluted SF₆ concentration measured in a spiked sample

Spike_{dir} = Concentration of the analyte in the spike standard measure by the FTIR directly

CS = Expected concentration of the spiked samples

Unspike = Native concentration of analytes in unspiked samples

Post Collection Data Validation

As part of the data validation procedure, reference spectra are manually fit to that of the sample spectra and a concentration is determined. The reference spectra are scaled to match the peak amplitude of the sample, thus providing a scale factor. The scale factor multiplied by the reference spectra concentration is used to determine the concentration value for the sample spectra. Sample pressure and temperature corrections are then applied to compute the final sample concentration. The manually calculated results are then compared with the software-generated results. The data is then validated if the two concentrations are within ± 20% agreement. If there is a difference greater than ± 20% the spectra are reviewed for possible spectra interferences or any other possible causes leading to incorrectly quantified data.

Detection Limit

The detection limit of each analyte was calculated following Annex A2 of ASTM D6348-12 procedure using spectra that contained similar amounts of moisture and carbon dioxide.



Analyte	Detection Limit (ppmv wet)	Detection Limit (%v)
Nitrogen Monoxide	0.2	-
Nitrogen Dioxide	0.2	-
Carbon Monoxide	0.2	-
Moisture	-	0.1

QA/QC data are found in Appendix F. Copies of gas cylinder certifications are found in Appendix I. All concentration data were recorded on a wet, volume basis. The sample and data collection followed the procedures outlined in Method 320.

Fuel Gas Analysis

Samples of the pipeline natural gas used as fuel at New Covert Generating Station were taken in 300 ml gas sampling bulbs and submitted to Gas Technology Institute of Des Plaines, Illinois for analysis. The sample was analyzed for Trace Sulfur Content by gas chromatography and in accordance with ASTM D6228. A conversion rate of 100% was assumed for all sulfur to SO₂ in the turbine.



3.0 TEST RESULT SUMMARY

Covert Generating Company New Covert Generating Facility EUTURBINE-2/DB2 Gaseous Summary Full Load With Duct Burners On											
Test No.	Date	Start Time	End Time	NO _x ppmvw	CO ppmvw	CO ₂ % (dry)	O ₂ Outlet % (dry)	Moisture, %	Flowrate, DSCFM	Flowrate, SCFM	NH ₃ (ppmv wet)
1	05/30/19	08:12	09:12	1.6	0.2	4.7	12.9	9.6	1,066,542	1,179,803	7.0
2	05/30/19	10:10	11:09	1.7	0.3	5.0	12.8	9.5	1,065,026	1,176,825	7.3
3	05/30/19	11:30	12:29	1.4	0.3	5.0	12.7	9.4	1,050,639	1,159,645	8.2
Average				1.6	0.3	4.9	12.8	9.5	1,060,736	1,172,091	7.5

Emission Rate Summary									
Test No.	Date	Start Time	End Time	Fd Factor, dscf/MMBtu	Fd Factor, dscf/MMBtu	CO ppmvd	NO _x ppmvd @ 15% O ₂	NH ₃ (ppmvd @ 15% O ₂)	NO _x lb/hr
1	05/30/19	08:12	09:12	9,780.0	8,710.0	0.2	1.3	4.7	13.5
2	05/30/19	10:10	11:09	9,780.0	8,710.0	0.3	1.4	4.8	14.3
3	05/30/19	11:30	12:29	9,780.0	8,710.0	0.3	1.1	5.3	11.6
Average				9,780.0	8,710.0	0.3	1.2	5.1	13.0

New Covert Generating Company, LLC
New Covert Generating Facility
Unit 2 Stack
100% Load with Duct Burners in Operation
May 30, 2019

Gaseous Phase SO ₂ as H ₂ SO ₄ , 80% IPA Condenser Coil (analyzed by IC)												
Test No.	Start Time	End Time	mg	Vm(std) ft ³	Fuel Factor Fc (dscf/MMBtu)	Fuel Factor Fd (dscf/MMBtu)	CO ₂ % dry	O ₂ % dry	Volumetric Flow Rate, dscfm	C SO ₂ as H ₂ SO ₄ (lbs/dscf)	ppm SO ₂ as H ₂ SO ₄	lb/hr SO ₂ as H ₂ SO ₄
1	7:50	9:50	0.02	34.161	1,800	9,780	4.7	12.9	1,070,815	1.28E-09	0.01	0.08
2	10:10	11:10	0.02	18.871	1,800	9,780	5.0	12.8	1,075,881	1.89E-09	0.01	0.12
3	11:30	12:30	0.01	18.290	1,800	9,780	5.0	12.7	1,091,168	7.96E-10	0.00	0.05
Average			0.01	23.774	1,800	9,780	4.9	12.8	1,079,288	1.32E-09	0.01	0.10

New Covert Generating Company, LLC New Covert Generating Station EUTURBINE2/DB2 Stack VOC Summary - Full Load With Duct Burners											
Test No.	Date	Start Time	End Time	CO ₂ % (wet)	Flowrate, SCFM	THC ppm as CH ₄ (wet)	CH ₄ ppm as CH ₄ (wet)	C ₂ H ₆ ppm as CH ₄ (wet)	VOC ppm as CH ₄ (wet)	VOC lb/MMBtu	VOC lb/hr
1	05/30/19	08:12	09:12	4.8	1,179,803	1.0	0.0	0.4	0.2	0.00018	0.6
2	05/30/19	10:10	11:09	4.8	1,176,825	0.9	0.0	0.4	0.1	0.00009	0.3
3	05/30/19	11:30	12:29	4.8	1,159,645	1.1	0.0	0.5	0.1	0.00009	0.3
Average				4.8	1,172,091	1.0	0.0	0.4	0.1	0.00012	0.4



Client: New Covert Generating Company, LLC
 Facility: New Covert Generating Facility
 Test Location: EU- TURBINE 2/DB2 Stack
 Test Method: 5/202

Source Condition	100% with Duct Burners	100% with Duct Burners	100% with Duct Burners	
Date	5/29/19	5/29/19	5/29/19	
Start Time	8:15	11:25	14:25	
End Time	10:29	13:35	16:37	
	Run 1	Run 2	Run 3	Average
Stack Conditions				
Average Gas Temperature, °F	189.1	190.5	189.8	189.8
Flue Gas Moisture, percent by volume	8.9%	9.0%	9.0%	9.0%
Average Flue Pressure, in. Hg	28.92	28.92	28.92	28.92
Gas Sample Volume, dscf	84.68	82.588	84.106	83.791
Average Gas Velocity, ft/sec	68.134	66.344	67.235	67.238
Gas Volumetric Flow Rate, acfm	1,568,156	1,526,955	1,547,458	1,547,523
Gas Volumetric Flow Rate, dscfm	1,123,021	1,089,886	1,106,317	1,106,408
Gas Volumetric Flow Rate, scfm	1,233,019	1,198,162	1,215,418	1,215,533
Average %CO ₂ by volume, dry basis	4.5	4.5	4.5	4.5
Average %O ₂ by volume, dry basis	12.7	12.7	12.7	12.7
Isokinetic Variance	100.3	100.8	101.1	100.7
Standard Fuel Factor Fd, dscf/mmBtu	8,710.0	8,710.0	8,710.0	8,710.0
Filterable Particulate Matter (Method 5)				
grams collected	0.00284	0.00111	0.00076	0.00157
grains/acf	0.0004	0.0001	0.0001	0.0002
grains/dscf	0.0005	0.0002	0.0001	0.0003
lb/hr	4.981	1.937	1.322	2.747
Condensable Particulate Matter (Method 202)				
grams collected	0.00248	0.00319	0.00162	0.00243
grains/acf	0.0003	0.0004	0.0002	0.0003
grains/dscf	0.0005	0.0006	0.0003	0.0005
lb/hr	4.350	5.568	2.818	4.245
Total Particulate Matter (5/202)				
grams collected	0.00532	0.00430	0.00238	0.00400
grains/acf	0.0007	0.0005	0.0003	0.0005
grains/dscf	0.0010	0.0008	0.0004	0.0007
lb/hr	9.331	7.505	4.140	6.992



4.0 CERTIFICATION

MOSTARDI PLATT is pleased to have been of service to New Covert Generating Company, LLC. If you have any questions regarding this test report, please do not hesitate to contact us at 630-993-2100.

CERTIFICATION

As project manager, I hereby certify that this test report represents a true and accurate summary of emissions test results and the methodologies employed to obtain those results, and the test program was performed in accordance with the methods specified in this test report.

MOSTARDI PLATT



John S. Nestor

Program Manager



Eric L. Ehlers

Quality Assurance



APPENDICES



Appendix A – Plant Operating Data

	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DC576	02RCAODINA201	02RCAOD5E0201	2FGS-FI157	2FGS-FI160	
29-May-19 08:15:00	95.3997345	257.4299927	141.6763153	2317.079102	161.5293884	2478.60849
29-May-19 08:16:00	95.51763153	258.0270081	141.5313721	2326.029053	161.2361145	2487.265167
29-May-19 08:17:00	95.4696579	258.1500244	141.5588226	2313.619629	160.9451141	2474.564743
29-May-19 08:18:00	95.39412689	257.2139893	141.1620941	2315.258545	160.5787964	2475.837341
29-May-19 08:19:00	95.48939514	258.0209961	141.355896	2313.438965	160.3846283	2473.823593
29-May-19 08:20:00	95.58233643	257.6100159	141.3955688	2325.305176	161.3552856	2486.660461
29-May-19 08:21:00	95.44319916	257.7659912	141.3665771	2319.061035	162.4382935	2481.499329
29-May-19 08:22:00	95.5535965	257.9460144	141.418457	2318.661621	163.7664185	2482.42804
29-May-19 08:23:00	95.45813751	257.8649902	141.3253784	2318.541016	165.2482147	2483.78923
29-May-19 08:24:00	95.45552826	257.6520081	141.2994385	2312.540527	166.7623291	2479.302856
29-May-19 08:25:00	95.43229675	257.6459961	141.3574219	2310.331299	168.2407837	2478.572083
29-May-19 08:26:00	95.51578522	257.993988	141.3909912	2316.441895	169.6284637	2486.070358
29-May-19 08:27:00	95.49790192	257.5080261	141.4794922	2309.328125	170.9761047	2480.30423
29-May-19 08:28:00	95.43289185	257.3339844	141.3269043	2307.403809	172.6777039	2480.085112
29-May-19 08:29:00	95.72167206	258.3449707	141.2887573	2314.560059	174.1678772	2488.727936
29-May-19 08:30:00	95.51290894	257.3460083	141.2994385	2306.885254	175.6456451	2482.530899
29-May-19 08:31:00	95.54421997	257.3250122	141.2124634	2315.727783	175.7820282	2491.509811
29-May-19 08:32:00	95.3776474	257.3910217	141.1407471	2298.4729	175.7425385	2474.215439
29-May-19 08:33:00	95.38579559	257.3910217	141.3192749	2307.393555	175.812561	2483.206116
29-May-19 08:34:00	95.42937469	256.9290161	141.3864136	2306.422607	176.024292	2482.446899
29-May-19 08:35:00	95.71212769	257.7149963	141.3299561	2312.056152	175.0637207	2487.119873
29-May-19 08:36:00	95.36489868	257.0579834	141.2872314	2312.57251	172.8484497	2485.420959
29-May-19 08:37:00	95.56013489	257.2260132	141.2490845	2306.830566	170.8592224	2477.689789
29-May-19 08:38:00	95.47823334	257.25	141.1254883	2313.113037	168.668396	2481.781433
29-May-19 08:39:00	95.26023865	256.8659973	141.1773682	2309.383545	166.4218903	2475.805435
29-May-19 08:40:00	95.53124237	257.4779968	141.0949707	2313.15625	164.5009613	2477.657211
29-May-19 08:41:00	95.5046463	256.8359985	141.2994385	2309.053711	162.4840851	2471.537796
29-May-19 08:42:00	95.48129272	256.973999	141.2582397	2311.783203	161.5126343	2473.295837
29-May-19 08:43:00	95.46490479	256.769989	141.0324097	2308.372314	160.9672241	2469.339539
29-May-19 08:44:00	95.57853699	257.2799988	141.0873413	2311.106445	160.9004974	2472.006943
29-May-19 08:45:00	95.5549469	256.8240051	141.1437836	2298.750244	160.5015411	2459.251785
29-May-19 08:46:00	95.51266479	256.9620056	141.2887421	2311.371826	161.6601868	2473.032013
29-May-19 08:47:00	95.75589752	256.7819824	141.0980225	2307.63623	163.2635803	2470.899811
29-May-19 08:48:00	95.56742859	256.8809814	141.1132813	2309.89624	165.2102509	2475.106491
29-May-19 08:49:00	95.51346588	256.8959961	140.9499969	2303.438232	167.1197205	2470.557953
29-May-19 08:50:00	95.5140686	256.5029907	141.0400391	2308.391846	168.9176788	2477.309525
29-May-19 08:51:00	95.69239044	256.6229858	140.8569183	2304.710693	170.8773193	2475.588013
29-May-19 08:52:00	95.65727997	256.5809937	140.9637451	2301.371094	172.5385437	2473.909637
29-May-19 08:53:00	95.51945496	256.0769958	141.2338257	2294.935791	174.7399139	2469.675705
29-May-19 08:54:00	95.6553284	256.5870056	141.1071625	2308.296631	175.5399323	2483.836563
29-May-19 08:55:00	95.64519501	256.3800049	140.9866333	2300.762451	175.4013367	2476.163788
29-May-19 08:56:00	95.56469727	256.1430054	141.0766602	2302.704346	175.2857666	2477.990112
29-May-19 08:57:00	95.49175262	255.8880005	141.0049438	2299.949707	175.4760132	2475.425272
29-May-19 08:58:00	95.58798218	256.4190063	141.0384979	2304.799072	173.8460083	2478.645081
29-May-19 08:59:00	95.56156921	256.1609802	141.0156097	2295.235596	171.107132	2466.342728
29-May-19 09:00:00	95.55470276	256.2029724	140.9423828	2305.873535	169.0710754	2474.944611
29-May-19 09:01:00	95.54424286	256.0740051	141.1239624	2294.960205	166.5838776	2461.544083
29-May-19 09:02:00	95.57820892	256.0409851	140.9088135	2297.056885	164.8624878	2461.919373
29-May-19 09:03:00	95.54415894	255.8399963	141.1163177	2293.874756	162.5655518	2456.440308
29-May-19 09:04:00	95.47967529	255.8220062	140.977478	2299.990723	161.4338379	2461.424561
29-May-19 09:05:00	95.64894104	256.1130066	140.8782959	2307.366699	161.0528107	2468.41951
29-May-19 09:06:00	95.52232361	255.4890137	140.8202972	2296.558105	160.6490479	2457.207153
29-May-19 09:07:00	95.70585632	255.8249969	141.0064545	2304.441406	160.230011	2464.671417
29-May-19 09:08:00	95.59299469	255.7140045	140.9118652	2307.405518	160.7715302	2468.177048
29-May-19 09:09:00	95.79399872	256.3710022	140.7058716	2309.679932	162.4824982	2472.16243
29-May-19 09:10:00	95.61250305	255.6089935	140.8569183	2296.068604	164.3090668	2460.37767
29-May-19 09:11:00	95.75983429	256.5299988	140.9423828	2293.333008	166.006134	2459.339142
29-May-19 09:12:00	95.66049957	255.9000092	141.0720825	2287.868896	167.7245331	2455.59343
29-May-19 09:13:00	95.75470734	255.8160095	140.9240723	2291.809326	169.2629547	2461.072281
29-May-19 09:14:00	95.5412674	255.3989868	140.8660889	2298.676514	170.9618378	2469.638351
29-May-19 09:15:00	95.71627808	255.7679901	140.9500122	2290.26416	172.3661346	2462.630295
29-May-19 09:16:00	95.54151917	255.5070038	140.9759521	2294.649658	174.2574921	2468.90715
29-May-19 09:17:00	95.74510193	255.7830048	140.8691406	2292.840088	175.1387177	2467.978806
29-May-19 09:18:00	95.65198517	255.3089905	140.8325195	2287.421631	175.5861206	2463.007751
29-May-19 09:19:00	95.67747498	255.5009918	140.8706512	2291.634766	175.2507629	2466.885529
29-May-19 09:20:00	95.80519104	255.470993	140.7821655	2291.824951	175.5314026	2467.356354
29-May-19 09:21:00	95.51156616	255.0500031	141.0552826	2294.46875	175.5383759	2470.007126
29-May-19 09:22:00	95.74701691	255.4349976	140.784326	2285.028076	174.7210388	2459.749115
29-May-19 09:23:00	95.55955505	255.2819824	140.7073822	2289.003174	172.9126892	2461.915863
29-May-19 09:24:00	95.66360474	255.1100006	140.9281311	2286.679932	171.3660736	2458.046005

	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DC576	02RCAODINA201	02RCAODSF0201	2FGS-FI157	2FGS-FI160	
29-May-19 09:25:00	95.7462616	255.1529999	140.8218384	2292.2771	169.8489532	2462.126053
29-May-19 09:26:00	95.59677887	254.4810028	140.6692505	2288.036865	167.5570526	2455.593918
29-May-19 09:27:00	95.79147339	254.9609985	140.8920288	2289.639893	166.5661316	2456.206024
29-May-19 09:28:00	95.61898804	255.0209961	140.861496	2282.918213	164.7000885	2447.618301
29-May-19 09:29:00	95.64932251	254.8860016	140.8691254	2284.678955	163.8420105	2448.520966
29-May-19 09:30:00	95.7014389	254.5439911	140.8416748	2283.408203	162.6057434	2446.013947
29-May-19 09:31:00	95.76637268	254.3040009	140.8416748	2291.559814	161.740509	2453.300323
29-May-19 09:32:00	95.76287079	254.4839935	140.6066895	2291.701416	161.4347229	2453.136139
29-May-19 09:33:00	95.92807007	254.8500061	140.8172455	2285.005371	160.821106	2445.826477
29-May-19 09:34:00	95.93013763	254.4719849	140.7836914	2288.449463	160.3968048	2448.846268
29-May-19 09:35:00	95.87443542	254.5620117	140.5334473	2281.5979	159.9376221	2441.535522
29-May-19 09:36:00	95.98277283	255.4020081	140.5975342	2288.585449	159.9594421	2448.544891
29-May-19 09:37:00	95.8631897	255.173996	140.5853271	2295.219482	160.6051025	2455.824585
29-May-19 09:38:00	96.00452423	255.3359985	140.3777924	2302.129395	161.3851624	2463.514557
29-May-19 09:39:00	95.97457886	255.4080048	140.6097412	2290.703857	163.0850525	2453.78891
29-May-19 09:40:00	96.12080383	255.8969879	140.4342651	2292.381104	164.2545166	2456.63562
29-May-19 09:41:00	95.73262024	255.552002	140.3777924	2295.145752	165.0491028	2460.194855
29-May-19 09:42:00	95.88156128	255.9059906	140.4235687	2293.48877	165.9361115	2459.424881
29-May-19 09:43:00	96.13626099	255.7169952	140.4846039	2299.422363	167.2523499	2466.674713
29-May-19 09:44:00	96.06865692	256.125	140.574646	2292.815186	168.6870728	2461.502258
29-May-19 09:45:00	95.83074188	255.7440033	140.5212402	2294.238525	169.6756897	2463.914215
29-May-19 09:46:00	95.90101624	256.0020142	140.6997528	2294.877686	170.6342316	2465.511917
29-May-19 09:47:00	95.89540863	256.571991	140.6494141	2299.966553	171.6581268	2471.62468
29-May-19 09:48:00	95.94693756	255.9060059	140.5838013	2292.269043	172.6611633	2464.930206
29-May-19 09:49:00	95.98062134	256.5750122	140.562439	2289.539063	172.8569183	2462.395981
29-May-19 09:50:00	95.86276245	256.4339905	140.5990601	2285.942627	173.8104248	2459.753052
29-May-19 09:51:00	95.89863586	256.1789856	140.574646	2300.991455	174.8781891	2475.869644
29-May-19 09:52:00	95.86656189	256.5480042	140.6600952	2300.628906	175.3415985	2475.970505
29-May-19 09:53:00	95.85005951	256.6470032	140.6280518	2296.027832	175.275238	2471.30307
29-May-19 09:54:00	95.86883545	256.9830017	140.663147	2285.869873	175.4457092	2461.315582
29-May-19 09:55:00	96.06587982	256.7340088	140.5715942	2303.013916	175.5415344	2478.55545
29-May-19 09:56:00	95.86623383	256.5839844	140.7485809	2304.941406	175.4235535	2480.36496
29-May-19 09:57:00	95.93528748	256.8390198	140.7577515	2302.616455	175.704422	2478.320877
29-May-19 09:58:00	95.9083252	256.5390015	140.6387177	2301.702393	175.8453827	2477.547775
29-May-19 09:59:00	95.84400177	256.4970093	140.7043457	2305.437988	175.4703369	2480.908325
29-May-19 10:00:00	95.77103424	256.9169922	140.8050385	2306.634521	175.0396271	2481.674149
29-May-19 10:01:00	96.01257324	257.3519897	140.826416	2297.727539	174.5415192	2472.269058
29-May-19 10:02:00	95.79299164	256.4579773	140.7653656	2304.409424	173.396637	2477.806061
29-May-19 10:03:00	95.96733856	257.0159912	140.6860352	2300.380371	172.1313782	2472.511749
29-May-19 10:04:00	95.87910461	256.8569946	140.6066895	2305.479736	170.934906	2476.414642
29-May-19 10:05:00	95.95545197	257.1990051	140.8202972	2297.553955	169.9908905	2467.544846
29-May-19 10:06:00	95.81112671	257.1210022	140.8584595	2299.422607	169.0264435	2468.449051
29-May-19 10:07:00	96.05166626	257.3190002	140.8431854	2310.87915	167.7280579	2478.607208
29-May-19 10:08:00	95.9601593	256.9259949	140.927124	2300.991943	167.1001434	2468.092087
29-May-19 10:09:00	96.02038574	257.427002	141.0476685	2304.276367	166.0761108	2470.352478
29-May-19 10:10:00	95.93493652	257.1000061	140.6890717	2300.774414	165.257843	2466.032257
29-May-19 10:11:00	95.96362305	256.9890137	140.9515381	2307.996338	164.2919006	2472.288239
29-May-19 10:12:00	95.71056366	256.6080017	141.0079956	2299.510498	163.3968964	2462.907394
29-May-19 10:13:00	96.04673767	257.3639832	140.8920288	2306.372803	162.6273499	2469.000153
29-May-19 10:14:00	95.85502625	256.4490051	140.7562256	2300.905029	161.7563934	2462.661423
29-May-19 10:15:00	96.04213715	257.1900024	140.8035278	2304.364258	161.4423523	2465.80661
29-May-19 10:16:00	95.91891479	257.0310059	140.7913208	2301.595459	161.124115	2462.719574
29-May-19 10:17:00	95.88954926	257.1239929	141.0339203	2301.462402	160.6724854	2462.134888
29-May-19 10:18:00	96.14080811	257.1210022	140.811142	2305.659668	160.9484406	2466.608109
29-May-19 10:19:00	95.93549347	256.8359985	140.9347534	2301.902588	160.5471649	2462.449753
29-May-19 10:20:00	96.03420258	256.8600159	140.9408569	2311.014404	160.4675903	2471.481995
29-May-19 10:21:00	95.83250427	256.9980164	141.0140991	2311.525146	160.242569	2471.767715
29-May-19 10:22:00	96.02388	257.4360046	140.974263	2310.247803	160.2464905	2470.494293
29-May-19 10:23:00	95.940979	257.1480103	140.8599854	2305.940918	160.2583618	2466.19928
29-May-19 10:24:00	95.84803009	256.7670288	140.8798065	2307.302734	160.3671265	2467.669861
29-May-19 10:25:00	95.8978653	257.1000061	140.914917	2312.580811	160.8293457	2473.410156
29-May-19 10:26:00	95.84429169	257.2709961	140.8798065	2304.541016	161.2024689	2465.743484
29-May-19 10:27:00	95.93204498	257.4689941	141.0507202	2310.19165	161.6953278	2471.886978
29-May-19 10:28:00	95.90072632	257.2650146	140.8401489	2311.36084	162.2792816	2473.640121
29-May-19 10:29:00	96.0229187	257.2259827	140.838623	2309.9021	163.1489563	2473.051056

Average 95.7247935 256.4886961 140.9374921 2301.78588 167.4810815 2469.266961

	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	ZCEM-DC576	02RCAODINA201	02RCAODSE0201	ZFGS-FI157	ZFGS-FI160	
29-May-19 11:25:00	96.01647949	256.2810059	140.9637451	2305.392578	173.4274139	2478.819992
29-May-19 11:26:00	96.41445923	257.1300049	140.802002	2317.728027	172.9726105	2490.700638
29-May-19 11:27:00	96.01050568	256.697998	140.8416595	2304.511719	172.5768433	2477.088562
29-May-19 11:28:00	96.13365936	256.8630066	140.9835815	2310.609863	172.2975159	2482.907379
29-May-19 11:29:00	96.27345276	256.973999	140.7394257	2313.540527	171.931778	2485.472305
29-May-19 11:30:00	96.10538483	256.7340088	141.0522308	2313.255859	171.7097015	2484.965561
29-May-19 11:31:00	96.25483704	257.3370056	140.9545746	2315.378662	170.9921875	2486.37085
29-May-19 11:32:00	96.14622498	256.7340088	141.0003662	2315.067139	170.5116425	2485.578781
29-May-19 11:33:00	96.1468277	256.2870178	140.9408569	2303.900146	170.013443	2473.913589
29-May-19 11:34:00	96.17604828	256.677002	140.8676147	2315.537354	169.4884491	2485.025803
29-May-19 11:35:00	96.25993347	256.367981	140.8721924	2310.145508	168.9200134	2479.065521
29-May-19 11:36:00	96.09792328	256.4129944	141.1590576	2304.575195	168.0256195	2472.600815
29-May-19 11:37:00	96.27430725	256.5809937	140.826416	2308.267334	167.4732971	2475.740631
29-May-19 11:38:00	96.18617249	256.5960083	140.7699432	2311.445557	166.9764404	2478.421997
29-May-19 11:39:00	96.12923431	256.5209961	140.814209	2319.941162	166.2622375	2486.2034
29-May-19 11:40:00	95.96906281	256.6140137	140.8233643	2314.262939	165.4162598	2479.679199
29-May-19 11:41:00	96.27103424	257.2139893	140.8874512	2316.734619	164.4992218	2481.233841
29-May-19 11:42:00	96.02342224	256.394989	140.786396	2308.243652	163.6773224	2471.920975
29-May-19 11:43:00	96.15895844	257.3099976	140.8111572	2324.640381	162.6463928	2487.286774
29-May-19 11:44:00	96.0375824	256.4909973	140.6082153	2314.264404	161.9525757	2476.21698
29-May-19 11:45:00	96.29458618	257.0190125	140.7485962	2313.445801	161.1826477	2474.628448
29-May-19 11:46:00	96.2015152	256.7310181	140.7577515	2305.574951	160.3333893	2465.90834
29-May-19 11:47:00	96.0853653	256.8120117	141.0324097	2318.625732	160.0663757	2478.692108
29-May-19 11:48:00	96.13986206	256.1430054	140.7348633	2318.695313	160.3913269	2479.086639
29-May-19 11:49:00	96.07842255	256.4129944	141.1590576	2312.758455	160.6098785	2473.368423
29-May-19 11:50:00	96.12531281	255.9329987	140.9210205	2311.424805	160.5126953	2471.9375
29-May-19 11:51:00	96.24971008	256.1279907	140.6906128	2313.936768	161.1187439	2475.055511
29-May-19 11:52:00	95.95779419	255.9450073	140.7684326	2313.217529	161.3075562	2474.525085
29-May-19 11:53:00	96.29100037	257.1359863	140.861496	2326.387207	162.1486206	2488.535828
29-May-19 11:54:00	96.01009369	255.8610077	140.7775879	2317.158447	163.1056671	2480.264114
29-May-19 11:55:00	95.95805469	255.9389954	141.0885919	2306.978516	164.1067047	2471.08522
29-May-19 11:56:00	96.21893311	256.7730103	140.7806396	2320.603271	165.3125305	2485.915802
29-May-19 11:57:00	95.97544098	256.0289917	140.826416	2304.793701	166.9146423	2471.708344
29-May-19 11:58:00	96.084198	256.2869873	141.1208954	2307.437012	168.3820648	2475.819077
29-May-19 11:59:00	95.9892807	256.0740051	141.0095215	2305.265869	169.9425049	2475.208374
29-May-19 12:00:00	96.01902008	256.6679993	140.826416	2309.895508	171.921463	2481.816971
29-May-19 12:01:00	96.0355298	256.2569885	140.7806396	2305.76416	174.3370819	2480.101242
29-May-19 12:02:00	96.11495209	256.6950073	140.8340454	2324.464844	175.2008972	2499.665741
29-May-19 12:03:00	96.02054596	255.9720001	140.8569183	2314.74292	174.8806763	2489.623596
29-May-19 12:04:00	95.88392639	255.923996	140.9408569	2311.279297	175.1693726	2486.448669
29-May-19 12:05:00	96.16872406	256.3079834	141.2094116	2315.132324	174.4351807	2489.567505
29-May-19 12:06:00	96.07659912	256.1640015	140.9545898	2313.314209	172.3783875	2485.692596
29-May-19 12:07:00	95.90618896	255.7350006	140.9561157	2305.034912	170.4129028	2475.447815
29-May-19 12:08:00	96.1463623	256.3829956	140.9210205	2318.895996	168.0633392	2486.959335
29-May-19 12:09:00	96.14349365	256.2120056	140.8340454	2313.474854	165.956543	2479.431396
29-May-19 12:10:00	96.09331512	256.6829834	140.8966064	2310.075684	163.620636	2473.69632
29-May-19 12:11:00	96.00735474	256.3169861	140.8813477	2313.539307	161.1216736	2474.66098
29-May-19 12:12:00	95.96617126	255.9599915	140.6539917	2318.55835	159.8499756	2478.408325
29-May-19 12:13:00	95.91939545	255.5220032	140.8416748	2305.456055	160.2635193	2465.719574
29-May-19 12:14:00	96.02991486	256.0830078	140.826416	2313.98291	161.1323395	2475.11525
29-May-19 12:15:00	95.97177124	255.7319946	140.6784058	2302.465576	163.7490082	2466.214584
29-May-19 12:16:00	96.09120941	255.6480103	140.8874512	2309.404053	166.8006744	2476.204727
29-May-19 12:17:00	96.24658203	256.2180176	140.8172607	2314.324951	170.8375854	2485.162537
29-May-19 12:18:00	95.91677094	255.4799957	140.91185	2309.888428	174.4213562	2484.309784
29-May-19 12:19:00	95.94430542	255.7709961	140.9942627	2304.970947	174.9293671	2479.900314
29-May-19 12:20:00	95.94315338	255.4109955	140.7897949	2300.720459	174.9252167	2475.645676
29-May-19 12:21:00	96.24230957	255.92099	140.8920288	2303.763916	172.207428	2475.971344
29-May-19 12:22:00	95.97428894	255.4559937	140.8401489	2313.494141	168.8819122	2482.376053
29-May-19 12:23:00	96.24604797	255.8939972	140.6646729	2314.63501	165.6859894	2480.320999
29-May-19 12:24:00	95.95510864	255.6150055	140.609726	2300.203613	162.2251892	2462.428802
29-May-19 12:25:00	96.01325226	255.5850067	140.7180786	2302.117432	159.5531769	2461.670609
29-May-19 12:26:00	96.0573349	255.5610046	140.5563354	2309.041992	160.4496307	2469.491623
29-May-19 12:27:00	95.95233154	255.7679901	140.5090179	2310.345459	162.5629883	2472.908447
29-May-19 12:28:00	96.21651459	255.7140045	140.7287598	2308.200928	166.4561005	2474.657028
29-May-19 12:29:00	95.69966125	254.5620117	140.6188965	2300.443604	171.3073883	2471.750992
29-May-19 12:30:00	96.18903351	255.4380035	140.5334473	2307.925049	174.9335938	2482.858643
29-May-19 12:31:00	95.884552	254.6100159	140.737915	2301.341797	175.1315308	2476.473328
29-May-19 12:32:00	96.18995667	255.303009	140.5548096	2310.903076	171.7865448	2482.689621
29-May-19 12:33:00	96.28695679	255.3390045	140.6143188	2303.970703	167.7745209	2471.745224

	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DCS76	02RCAODINA201	02RCAODS0201	2FGS-FI157	2FGS-FI160	
29-May-19 12:34:00	95.81501007	254.2290039	140.6646729	2298.211426	163.5195313	2461.730957
29-May-19 12:35:00	96.37882233	254.9640045	140.6799164	2303.299805	159.7389069	2463.038712
29-May-19 12:36:00	95.84804535	254.1150055	140.6905975	2300.985596	160.3625183	2461.348114
29-May-19 12:37:00	96.242836	254.8470001	140.4556274	2302.382568	163.7093964	2466.091965
29-May-19 12:38:00	95.77925873	253.977005	140.6539917	2303.355469	168.5184784	2471.873947
29-May-19 12:39:00	96.22595978	254.6730194	140.6951752	2295.188965	174.3768921	2469.565857
29-May-19 12:40:00	95.86231232	253.7400055	140.473938	2291.61792	174.9382172	2466.556137
29-May-19 12:41:00	96.28565216	254.9369965	140.5853271	2305.795898	172.0892639	2477.885162
29-May-19 12:42:00	96.11754608	254.5079956	140.4144287	2302.651611	167.8943329	2470.545944
29-May-19 12:43:00	96.30426788	254.42099	140.737915	2299.282959	163.1505127	2462.433472
29-May-19 12:44:00	96.27539825	253.5630035	140.562439	2288.785889	159.7816315	2448.56752
29-May-19 12:45:00	96.14453888	252.9749908	140.6646729	2293.225342	161.1969452	2454.422287
29-May-19 12:46:00	96.06900787	253.5539856	140.5151367	2298.247803	166.4187317	2464.666534
29-May-19 12:47:00	96.40008545	254.4299927	140.3076019	2296.431641	172.9728088	2469.404449
29-May-19 12:48:00	95.90310669	253.0859985	140.4205322	2293.122314	174.9573364	2468.079651
29-May-19 12:49:00	96.25096893	253.9380035	140.3167725	2299.157715	172.4089661	2471.566681
29-May-19 12:50:00	96.03829956	253.2479858	140.296936	2293.264893	167.2667694	2460.531662
29-May-19 12:51:00	96.19384003	253.4069977	140.0054779	2291.304199	162.2244263	2453.528625
29-May-19 12:52:00	96.29476166	253.3170013	140.1595917	2291.516113	160.0559082	2451.572021
29-May-19 12:53:00	96.2355423	253.5569916	140.0588989	2290.3479	163.0823822	2453.430283
29-May-19 12:54:00	96.10723877	252.9000092	140.0848389	2285.791504	169.1088257	2454.90033
29-May-19 12:55:00	96.41284943	253.7400055	140.0482178	2289.960449	175.0267944	2464.987244
29-May-19 12:56:00	96.40796661	253.8390045	140.0177002	2303.810059	174.4822998	2478.292358
29-May-19 12:57:00	95.85852814	253.2059937	140.0741577	2293.133301	169.1203156	2462.253616
29-May-19 12:58:00	96.2590332	254.1029968	140.0985565	2297.422119	163.9036713	2461.32579
29-May-19 12:59:00	96.06452179	253.6889954	140.0436401	2300.114258	159.6642303	2459.778488
29-May-19 13:00:00	96.13523865	253.2689972	139.8986816	2296.584961	161.6162415	2458.201202
29-May-19 13:01:00	96.21884155	253.3079987	139.881897	2290.130615	167.811676	2457.942291
29-May-19 13:02:00	96.18283844	253.4160004	140.0390472	2289.626953	174.8302917	2464.457245
29-May-19 13:03:00	96.38296509	254.3099976	140.0238037	2297.648193	174.5828247	2472.231018
29-May-19 13:04:00	96.1672287	253.1250153	139.9673462	2285.178711	169.5383148	2454.717026
29-May-19 13:05:00	96.23373413	253.8420105	139.8849335	2291.337158	163.9762573	2455.313416
29-May-19 13:06:00	96.23628998	254.1179962	139.9688721	2299.265869	159.6356506	2458.90152
29-May-19 13:07:00	96.22127533	254.7149963	139.9719238	2304.502686	162.5571289	2467.059814
29-May-19 13:08:00	96.29911804	254.5350037	140.12146	2303.175293	169.2714386	2472.446732
29-May-19 13:09:00	96.13373566	254.6159973	140.1535034	2300.186035	174.855072	2475.041107
29-May-19 13:10:00	96.34292603	254.9519958	140.2343597	2301.5896	173.1083527	2474.697952
29-May-19 13:11:00	96.2432251	255.0150146	140.3152466	2305.27002	167.5951385	2472.865158
29-May-19 13:12:00	96.26053619	255.0870056	140.2984467	2302.302979	161.775177	2464.078156
29-May-19 13:13:00	96.14762878	254.9400024	140.3915405	2298.255127	160.157486	2458.412613
29-May-19 13:14:00	96.10573578	254.6640015	140.2374268	2306.619141	164.4872284	2471.106369
29-May-19 13:15:00	96.06326294	254.5139923	140.2648926	2295.82373	171.9700775	2467.793808
29-May-19 13:16:00	96.18015289	254.8350067	140.3381348	2299.039551	175.2490997	2474.288651
29-May-19 13:17:00	96.21942902	254.6039886	140.3778076	2303.854736	170.8899841	2474.74472
29-May-19 13:18:00	96.09922028	254.4900055	140.2526703	2304.821045	164.8231049	2469.64415
29-May-19 13:19:00	96.19519806	254.9519958	140.2511597	2307.176758	159.3789063	2466.555664
29-May-19 13:20:00	96.09617615	254.6579895	140.1519775	2296.524658	161.91008	2458.434738
29-May-19 13:21:00	96.23861694	255.2850037	140.4983521	2304.741455	168.8724365	2473.613892
29-May-19 13:22:00	96.08110046	254.427002	140.3152466	2296.905518	175.0356293	2471.941147
29-May-19 13:23:00	96.07891846	254.7930145	140.3701782	2302.426514	172.7586517	2475.185165
29-May-19 13:24:00	96.24029541	254.9459991	140.3823853	2313.335205	166.6363373	2479.971542
29-May-19 13:25:00	96.13064575	254.6760101	140.3457642	2301.705078	160.6266022	2462.33168
29-May-19 13:26:00	96.1100235	254.9190063	140.1412964	2305.729248	160.4915771	2466.220825
29-May-19 13:27:00	96.14187622	255.071991	140.1016235	2306.759521	166.898056	2473.657578
29-May-19 13:28:00	95.99053192	254.6669922	140.3381348	2300.026611	175.0320435	2475.058655
29-May-19 13:29:00	96.26663971	255.3629913	140.3381348	2312.136475	174.3912201	2486.527695
29-May-19 13:30:00	96.02727509	255.1109924	140.3915405	2294.911133	168.2122803	2463.123413
29-May-19 13:31:00	96.13034058	255.2339935	140.1641846	2309.459473	162.1534576	2471.61293
29-May-19 13:32:00	96.18263245	255.7080078	140.5105591	2315.25293	159.970871	2475.223801
29-May-19 13:33:00	96.08223724	255.4889984	140.5105591	2311.135986	165.4511719	2476.587158
29-May-19 13:34:00	96.03053284	255.6240082	140.3106689	2303.0354	173.7205505	2476.755951
29-May-19 13:35:00	96.20175934	256.131012	140.4556274	2316.243896	174.9302063	2491.174103
Average	96.12342992	255.3261302	140.5769029	2305.699577	167.3720627	2473.071639

	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DCS76	02RCAODINA201	02RCAOD5E0201	2FGS-FI157	2FGS-FI160	
29-May-19 14:25:00	95.89907074	258.5279846	141.1117401	2331.759033	174.7595062	2506.518539
29-May-19 14:26:00	96.10816193	258.4890137	140.8950806	2332.69873	174.0931854	2506.791916
29-May-19 14:27:00	95.66090393	257.5379944	141.2231445	2317.910156	168.3355865	2486.245743
29-May-19 14:28:00	95.85681152	258.4320068	141.1437988	2332.231934	162.464325	2494.696259
29-May-19 14:29:00	95.84600067	257.5470276	141.2124634	2330.456787	159.9449005	2490.401688
29-May-19 14:30:00	95.93818665	257.9129944	141.1880493	2327.250732	164.1136932	2491.364426
29-May-19 14:31:00	95.86902618	258.0899963	141.1956787	2337.89502	171.9313354	2509.826355
29-May-19 14:32:00	96.0030365	258.269989	141.0751343	2333.459473	175.100647	2508.56012
29-May-19 14:33:00	96.00778198	258.0780029	141.0690308	2330.342285	170.7156067	2501.057892
29-May-19 14:34:00	96.03453827	258.1170044	140.965271	2325.154785	164.7605743	2489.915359
29-May-19 14:35:00	95.92949677	258.2819824	141.0308838	2339.129395	159.3615723	2498.490967
29-May-19 14:36:00	95.87611389	257.7090149	141.12854	2327.082031	161.5178986	2488.59993
29-May-19 14:37:00	96.00065613	257.7810059	141.0430756	2330.74707	168.1755371	2498.922607
29-May-19 14:38:00	95.78955078	256.940979	141.0614014	2326.96582	174.8665161	2501.832336
29-May-19 14:39:00	96.04404449	257.427002	141.1804199	2333.66333	173.4324951	2507.095825
29-May-19 14:40:00	95.75684357	257.2049866	141.2445068	2322.259277	167.8708496	2490.130127
29-May-19 14:41:00	96.02293396	257.2290039	141.0461426	2321.934326	162.0116882	2483.946014
29-May-19 14:42:00	95.67785645	256.7669983	141.0018921	2319.007568	159.8700867	2478.877655
29-May-19 14:43:00	95.97901154	256.8660278	140.9972992	2315.936768	164.2993469	2480.236115
29-May-19 14:44:00	95.91414642	256.9830017	141.0842896	2319.460205	171.6666412	2491.126846
29-May-19 14:45:00	95.91668701	256.875	140.826416	2320.260254	174.688385	2494.948639
29-May-19 14:46:00	95.8394165	256.29599	141.0293579	2322.281738	170.7805786	2493.062317
29-May-19 14:47:00	96.03096008	257.2170105	141.0613861	2323.875977	165.3862457	2489.262222
29-May-19 14:48:00	95.9362793	256.8089905	141.1758423	2325.260254	159.6230316	2484.883286
29-May-19 14:49:00	95.64598083	255.9779968	141.0095215	2305.294678	161.0605164	2466.355194
29-May-19 14:50:00	96.1199646	257.2349854	140.9408569	2320.16748	167.4911346	2487.658615
29-May-19 14:51:00	95.76667023	256.4729919	140.7669067	2313.341797	174.6510315	2487.992828
29-May-19 14:52:00	96.03485107	256.6380005	140.826416	2322.095947	174.2042847	2496.300232
29-May-19 14:53:00	95.98497772	256.230011	140.8340302	2320.223145	168.6904144	2488.913559
29-May-19 14:54:00	95.75829315	255.7859955	140.9332275	2309.86084	162.7443695	2472.605209
29-May-19 14:55:00	96.23257446	256.9259949	140.9683228	2320.405762	159.7649078	2480.17067
29-May-19 14:56:00	95.80105591	256.053009	140.9637451	2306.217041	163.7262726	2469.943314
29-May-19 14:57:00	95.99306488	256.5	140.9652557	2318.134033	170.9922333	2489.126266
29-May-19 14:58:00	95.98704529	256.125	140.8554077	2325.504395	174.7102966	2500.214691
29-May-19 14:59:00	95.94273376	256.2509766	140.5609131	2311.859375	171.6365356	2483.495911
29-May-19 15:00:00	96.18427277	257.0760193	140.7669067	2315.876221	165.8218079	2481.698029
29-May-19 15:01:00	95.9549408	256.8540039	140.7577515	2328.762451	160.2115021	2488.973953
29-May-19 15:02:00	95.93663025	256.8059998	140.5731049	2324.857178	160.4566193	2485.313797
29-May-19 15:03:00	95.85203552	256.4100037	140.6326294	2318.41748	166.4947662	2484.912247
29-May-19 15:04:00	95.955513	257.0069885	140.7897949	2326.981689	174.3817444	2501.363434
29-May-19 15:05:00	95.91177368	256.6260071	140.8569183	2320.640381	174.7622223	2495.402603
29-May-19 15:06:00	96.02165222	256.7130127	140.8035278	2332.083496	169.2796021	2501.363098
29-May-19 15:07:00	95.95754242	256.2960205	140.8355713	2318.196777	163.5802765	2481.777054
29-May-19 15:08:00	95.76441956	256.0620117	140.8843842	2321.138428	159.5623016	2480.700729
29-May-19 15:09:00	95.99669647	256.7969971	140.9103394	2323.540527	162.688736	2486.229263
29-May-19 15:10:00	95.98356628	256.697998	140.864563	2319.459473	169.5429382	2489.002411
29-May-19 15:11:00	96.03635406	256.5270081	140.8248749	2316.885498	174.7631226	2491.648621
29-May-19 15:12:00	95.93691254	256.3680115	140.6982269	2313.86792	172.5741119	2486.442032
29-May-19 15:13:00	96.20599365	256.9169922	140.7272339	2323.424561	167.1194153	2490.543976
29-May-19 15:14:00	95.97396088	256.7219849	140.5731049	2320.03418	161.1461182	2481.180298
29-May-19 15:15:00	96.00067139	257.1719971	140.6112671	2325.480469	160.1181183	2485.598587
29-May-19 15:16:00	96.03043365	257.2619934	140.8904877	2330.438232	164.8983917	2495.336624
29-May-19 15:17:00	95.87308502	256.8509827	140.838623	2319.502686	172.2179108	2491.720596
29-May-19 15:18:00	95.67529297	256.2929993	140.8202972	2316.826416	174.8401337	2491.66655
29-May-19 15:19:00	95.92365265	256.9920044	140.9240723	2328.035645	170.8390198	2498.874664
29-May-19 15:20:00	95.89718628	256.571991	140.9637451	2323.472656	165.0343781	2488.507034
29-May-19 15:21:00	95.837883	256.1040039	140.9912109	2324.434326	159.4588776	2483.893204
29-May-19 15:22:00	95.93655396	256.0350037	140.7852173	2320.042969	160.5941315	2480.6371
29-May-19 15:23:00	95.96084595	256.4429932	140.6524506	2320.64502	166.9028778	2487.547897
29-May-19 15:24:00	95.87966156	255.8669891	140.7592773	2307.205566	174.466217	2481.671783
29-May-19 15:25:00	95.97660065	256.2839966	140.8035278	2317.564697	174.3977356	2491.962433
29-May-19 15:26:00	95.93280792	255.9299927	140.7196045	2313.750244	168.7604828	2482.510727
29-May-19 15:27:00	96.0375824	255.8069916	140.6539917	2319.703613	163.144165	2482.847778
29-May-19 15:28:00	95.92751312	255.7440033	140.6417847	2317.743164	159.7684021	2477.511566
29-May-19 15:29:00	95.94448853	255.927002	140.6677246	2317.501953	162.4836884	2479.985641
29-May-19 15:30:00	95.96092224	255.7019958	140.4281616	2311.780762	169.2020874	2480.982849
29-May-19 15:31:00	95.99195862	256.053009	140.7317963	2320.441162	174.5487671	2494.989929
29-May-19 15:32:00	96.12417603	256.2510071	140.4418945	2322.466553	172.4633484	2494.929901
29-May-19 15:33:00	96.02610016	256.6260071	140.524292	2317.05542	167.1290741	2484.184494

	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DC576	02RCAODINA201	02RCAODSE0201	2FGS-FI157	2FGS-FI160	
29-May-19 15:34:00	96.08354187	256.8210144	140.5410767	2322.164307	161.2725525	2483.436859
29-May-19 15:35:00	95.89347839	256.8659973	140.6112671	2325.543457	159.7849274	2485.328384
29-May-19 15:36:00	95.9225235	256.6830139	140.6967163	2325.156738	164.2708282	2489.427567
29-May-19 15:37:00	95.88784027	256.9649963	140.7241669	2321.507568	171.7571411	2493.264709
29-May-19 15:38:00	96.04003143	257.4869995	140.5822601	2332.278809	174.7744293	2507.053238
29-May-19 15:39:00	95.86153412	257.2319946	140.5517578	2321.471191	170.9678345	2492.439026
29-May-19 15:40:00	96.13212585	257.1989746	140.6326294	2327.063232	165.4569397	2492.520172
29-May-19 15:41:00	95.88392639	256.8539734	140.6723022	2321.48999	159.4567108	2480.946701
29-May-19 15:42:00	95.9159317	257.3699951	140.6692505	2332.831299	160.6885223	2493.519821
29-May-19 15:43:00	95.90345001	257.3250122	140.7134857	2332.02124	167.1020966	2499.123337
29-May-19 15:44:00	96.05296326	257.59198	140.7943726	2331.432861	174.4889832	2505.921844
29-May-19 15:45:00	95.6735611	256.8959961	140.8416748	2327.245605	174.1366272	2501.382233
29-May-19 15:46:00	96.02017212	257.9490051	140.8920288	2335.937256	168.3791046	2504.31636
29-May-19 15:47:00	95.79341125	257.348999	140.9759521	2322.963135	162.5525665	2485.515701
29-May-19 15:48:00	95.91621399	257.5859985	140.8126831	2332.350098	159.757782	2492.10788
29-May-19 15:49:00	95.95876312	257.5620117	140.9637451	2327.078857	163.2559967	2490.334854
29-May-19 15:50:00	95.92205048	257.8139954	140.9438934	2330.307373	170.3482971	2500.655667
29-May-19 15:51:00	95.84894562	257.3910217	140.90271	2320.841064	174.8125763	2495.653641
29-May-19 15:52:00	96.05374146	257.7509766	140.814209	2331.664795	171.2281342	2502.892929
29-May-19 15:53:00	95.9284668	257.4869995	140.8874512	2328.977783	165.6040344	2494.581818
29-May-19 15:54:00	95.97457886	258.0870056	141.2078857	2328.414307	159.8336182	2488.247925
29-May-19 15:55:00	95.78582764	257.2469788	141.0522308	2325.145508	160.1797333	2485.325241
29-May-19 15:56:00	96.02258301	257.8739929	141.3131714	2331.127197	166.6213074	2497.748505
29-May-19 15:57:00	95.94441223	257.9909973	141.1590576	2329.026855	174.1178894	2503.144745
29-May-19 15:58:00	95.81437683	257.9039917	141.2994385	2329.383545	174.533844	2503.917389
29-May-19 15:59:00	96.05023956	257.8409729	141.1148071	2332.238281	169.2102661	2501.448547
29-May-19 16:00:00	95.9940567	257.6789856	141.075119	2324.116211	163.4601898	2487.576401
29-May-19 16:01:00	95.8325119	257.6610107	141.1697388	2320.733887	159.4606171	2480.194504
29-May-19 16:02:00	95.84754944	258.0899963	141.0705414	2332.275391	162.2848816	2494.560272
29-May-19 16:03:00	95.93260956	257.9519958	141.0568085	2338.302979	169.2851257	2507.588104
29-May-19 16:04:00	95.7959671	257.42099	141.0568085	2332.284912	174.6273651	2506.912277
29-May-19 16:05:00	95.91259003	257.7659912	140.9561157	2327.845947	172.2902985	2500.136246
29-May-19 16:06:00	95.86512756	257.7000122	141.1376953	2326.060791	166.4683838	2492.529175
29-May-19 16:07:00	95.9068985	257.5169983	140.8554077	2334.127197	160.8186188	2494.945816
29-May-19 16:08:00	95.92184448	257.5559998	140.9912109	2328.400146	159.9710999	2488.371246
29-May-19 16:09:00	95.72510529	256.9290161	140.8081055	2326.293701	165.0406952	2491.334396
29-May-19 16:10:00	96.05710602	258.1199951	140.6005859	2335.128418	172.8052826	2507.933701
29-May-19 16:11:00	96.05740356	257.9849854	140.7943726	2330.387695	174.5728912	2504.960587
29-May-19 16:12:00	96.0164032	258.1679993	140.7867279	2333.748535	170.1145172	2503.863052
29-May-19 16:13:00	96.17403412	258.1109924	140.8782959	2337.311523	164.3563385	2501.667862
29-May-19 16:14:00	95.87427521	257.7569885	140.6860352	2332.627441	159.1616821	2491.789124
29-May-19 16:15:00	95.92062378	258.1350098	140.9103394	2330.437012	161.318222	2491.755234
29-May-19 16:16:00	96.02838135	258.6600037	140.7806396	2331.864258	167.9961853	2499.860443
29-May-19 16:17:00	96.05281067	258.3479919	140.9332275	2336.689941	174.7193298	2511.409271
29-May-19 16:18:00	96.15106201	258.9750061	140.8615112	2338.350342	173.8377838	2512.188126
29-May-19 16:19:00	95.99533081	258.5970154	140.9561157	2334.061279	167.9833069	2502.044586
29-May-19 16:20:00	95.93254089	258.4440002	141.0140991	2334.224609	161.9732361	2496.197845
29-May-19 16:21:00	96.25453186	259.3919983	141.1193848	2338.220215	159.7130127	2497.933228
29-May-19 16:22:00	95.70275116	258.4710083	141.365036	2331.103271	163.6668854	2494.770157
29-May-19 16:23:00	95.99970245	258.9030151	141.0232544	2337.349854	170.9646606	2508.314514
29-May-19 16:24:00	96.00733948	258.8519897	141.1483765	2341.812256	174.9929199	2516.805176
29-May-19 16:25:00	95.84764862	258.4440002	141.3604584	2333.397705	171.4055634	2504.803268
29-May-19 16:26:00	96.13498688	259.1099854	141.204834	2335.582764	165.8784637	2501.461227
29-May-19 16:27:00	95.87579346	258.7109985	141.078186	2343.201416	159.9930573	2503.194473
29-May-19 16:28:00	95.90684509	258.7619934	141.5344238	2333.171631	159.8185272	2492.990158
29-May-19 16:29:00	95.70680237	258.6600037	141.3604584	2330.63208	165.2759705	2495.908051
29-May-19 16:30:00	95.96002197	258.8580017	141.4550781	2335.3125	173.2663269	2508.578827
29-May-19 16:31:00	95.96670532	258.8399963	141.3452148	2338.85498	175.111496	2513.966476
29-May-19 16:32:00	95.88017273	259.019989	141.4047241	2335.577637	170.4812012	2506.058838
29-May-19 16:33:00	96.01968384	259.367981	141.3818359	2344.376221	165.083374	2509.459595
29-May-19 16:34:00	95.94082642	258.8460083	141.3619995	2338.543945	159.6724701	2498.216415
29-May-19 16:35:00	95.90455627	258.8760071	141.3726807	2332.635986	160.3399353	2492.975922
29-May-19 16:36:00	95.99339294	259.1099854	141.204834	2341.421631	165.4510956	2506.872726
29-May-19 16:37:00	95.86791229	258.7950134	141.4138794	2330.813965	172.7206726	2503.534637
Average	95.94032333	257.391653	140.9387082	2326.551337	167.1734568	2493.724794

	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DCS76	02RCAODINA201	02RCAODSE0201	2FGS-FI157	2FGS-FI160	
30-May-19 08:12:00	95.80778503	253.3859863	139.9398804	2283.557129	163.4325104	2446.989639
30-May-19 08:13:00	95.95454407	253.5690002	139.9856567	2291.056152	159.9992828	2451.055435
30-May-19 08:14:00	96.11339569	253.776001	139.8879852	2295.584961	158.8472443	2454.432205
30-May-19 08:15:00	96.05742645	253.5659943	139.8071289	2295.852783	158.0240936	2453.876877
30-May-19 08:16:00	96.09368896	253.5599976	139.8742676	2295.967529	160.7145996	2456.682129
30-May-19 08:17:00	96.12667084	253.496994	140.0146484	2296.474609	163.5241089	2459.998718
30-May-19 08:18:00	96.19544983	253.493988	139.8269653	2300.262207	166.8960266	2467.158234
30-May-19 08:19:00	96.02139282	253.4369965	139.9414063	2288.785645	170.1494141	2458.935059
30-May-19 08:20:00	95.9911499	253.3560181	140.1184082	2286.231934	172.7553711	2458.987305
30-May-19 08:21:00	96.24351501	253.3769989	139.8574829	2295.490967	172.8027802	2468.293747
30-May-19 08:22:00	96.11930084	253.8209991	140.0512695	2291.073486	172.6620636	2463.73555
30-May-19 08:23:00	96.18824005	253.5810089	139.9414063	2287.119141	169.5466461	2456.665787
30-May-19 08:24:00	96.11354065	253.5870056	139.9932861	2286.224854	165.8011322	2452.025986
30-May-19 08:25:00	96.12953949	253.7220001	140.0024414	2293.099365	162.1736603	2455.273026
30-May-19 08:26:00	95.96653748	253.3349915	139.8223877	2287.190186	159.3662109	2446.556396
30-May-19 08:27:00	96.21565247	253.9949951	140.0878906	2296.408936	158.3678894	2454.776825
30-May-19 08:28:00	95.96699524	253.0770111	139.7583008	2285.198975	158.0697174	2443.268692
30-May-19 08:29:00	96.07591248	253.5870056	139.956665	2295.849121	159.8019867	2455.651108
30-May-19 08:30:00	96.19161224	253.6349945	139.9215698	2293.609619	162.941803	2456.551422
30-May-19 08:31:00	96.14689636	253.7339935	139.8361206	2291.455322	165.9098663	2457.365189
30-May-19 08:32:00	95.96160889	253.6230011	139.9505615	2288.868896	168.488205	2457.357101
30-May-19 08:33:00	96.05072021	253.6829987	139.9337769	2291.962891	171.4320221	2463.394913
30-May-19 08:34:00	95.96027374	253.5509949	139.8208618	2296.331299	172.624588	2468.955887
30-May-19 08:35:00	96.05609894	253.8720093	139.9185181	2296.706543	172.6278229	2469.334366
30-May-19 08:36:00	96.01844788	253.3350067	139.881897	2293.148193	172.7815094	2465.929703
30-May-19 08:37:00	96.04995728	253.779007	139.8544312	2289.851074	169.8917084	2459.742783
30-May-19 08:38:00	96.1849823	253.8329926	140.0787354	2293.790527	166.425415	2460.215942
30-May-19 08:39:00	96.09979248	253.7489929	139.9108887	2294.785156	163.3813019	2458.166458
30-May-19 08:40:00	96.1420517	253.7310028	139.994812	2293.183105	160.4193573	2453.602463
30-May-19 08:41:00	95.99441528	253.8390045	139.9505615	2293.411621	158.9100952	2452.321716
30-May-19 08:42:00	96.11082458	253.9830017	139.982605	2293.098877	158.5376282	2451.636505
30-May-19 08:43:00	96.12612152	253.6109924	139.994812	2294.605713	157.9784851	2452.584198
30-May-19 08:44:00	96.07350922	253.1820068	139.9841309	2294.047363	159.0381622	2453.085526
30-May-19 08:45:00	96.24812317	254.1539917	140.1626587	2295.587646	161.3295898	2456.917236
30-May-19 08:46:00	95.9899826	253.5090027	139.9368286	2300.269531	163.5002899	2463.769821
30-May-19 08:47:00	96.10070801	253.776001	139.9719238	2292.649414	165.7496033	2458.399017
30-May-19 08:48:00	96.17337036	254.1089935	139.9368286	2298.562744	167.7750244	2466.337769
30-May-19 08:49:00	96.15684509	254.0939941	139.9749603	2295.09082	169.8035889	2464.894409
30-May-19 08:50:00	96.03731537	253.7970123	140.1016235	2287.26709	171.7207336	2458.987823
30-May-19 08:51:00	96.25926208	253.9680176	140.0863647	2295.129395	172.6981354	2467.82753
30-May-19 08:52:00	95.96565247	253.2540131	140.1687469	2288.250977	172.6711121	2460.922089
30-May-19 08:53:00	96.3049469	254.1960144	140.1535034	2293.988281	172.7182159	2466.706497
30-May-19 08:54:00	96.03477478	253.5240021	140.1428223	2284.630615	172.0406189	2456.671234
30-May-19 08:55:00	96.15789032	254.0910034	140.2832031	2294.612305	169.6996918	2464.311996
30-May-19 08:56:00	95.99591827	253.5330048	140.2923584	2292.775391	167.2572937	2460.032684
30-May-19 08:57:00	96.11904144	253.9350128	140.0894165	2287.972656	164.7095337	2452.68219
30-May-19 08:58:00	95.85915375	253.5149994	140.2526855	2288.353271	162.5030518	2450.856323
30-May-19 08:59:00	96.18492126	254.2440033	140.2084351	2292.280518	160.5328827	2452.8134
30-May-19 09:00:00	95.96665192	253.673996	140.2740479	2288.162842	158.9107056	2447.073547
30-May-19 09:01:00	96.10906219	254.1569977	140.322876	2291.981689	158.3703308	2450.35202
30-May-19 09:02:00	96.05937958	254.0010071	140.1016235	2295.98291	157.8677826	2453.850693
30-May-19 09:03:00	95.93762207	253.8479919	140.2572632	2290.96582	157.6495361	2448.615356
30-May-19 09:04:00	96.12282562	253.6260071	140.1428223	2291.279785	158.54599	2449.825775
30-May-19 09:05:00	95.74247742	253.6649933	140.12146	2287.409424	160.0028381	2447.412262
30-May-19 09:06:00	95.9344635	253.7940063	140.1901245	2287.578369	161.8162231	2449.394592
30-May-19 09:07:00	95.8917923	253.6560059	140.0924683	2294.20459	163.8460999	2458.05069
30-May-19 09:08:00	95.90496063	253.6619873	140.071106	2285.515137	165.3409729	2450.85611
30-May-19 09:09:00	96.00102234	253.6169891	139.9032593	2291.458252	167.0110779	2458.46933
30-May-19 09:10:00	95.81912994	253.4069977	140.0604248	2292.415283	168.6025391	2461.017822
30-May-19 09:11:00	95.81929016	253.6439972	140.0360107	2294.195068	170.1422272	2464.337296
30-May-19 09:12:00	95.76700592	253.5240021	139.9505615	2286.236816	171.0219421	2457.258759

Average	96.05264983	253.6858531	140.0191503	2292.050669	165.0518088	2457.102478
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	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DC576	02RCAODINA201	02RCAODSE0201	2FG5-FI157	2FG5-FI160	
30-May-19 10:10:00	95.93405914	252.1500092	139.739975	2279.716064	160.781601	2440.497665
30-May-19 10:11:00	95.94955444	251.7060089	139.7125244	2279.126465	156.6952362	2435.821701
30-May-19 10:12:00	96.04036713	251.7720032	139.743042	2284.701416	157.9539337	2442.65535
30-May-19 10:13:00	96.00431824	251.8560028	139.8101807	2279.612061	161.2830048	2440.895065
30-May-19 10:14:00	95.83907318	251.4360046	139.7583008	2278.031738	166.3769073	2444.408646
30-May-19 10:15:00	96.11155701	252.0899963	139.7186279	2279.158936	172.3520203	2451.510956
30-May-19 10:16:00	95.99491119	251.8560028	139.8132324	2275.952393	172.2518311	2448.204224
30-May-19 10:17:00	96.00074768	252.0599976	139.5904541	2278.422363	169.363327	2447.78569
30-May-19 10:18:00	96.02313232	251.8619995	139.7827148	2278.761719	165.1329193	2443.894638
30-May-19 10:19:00	95.92233276	251.7960052	139.8681488	2279.350586	160.7521667	2440.102753
30-May-19 10:20:00	95.82701874	251.5740051	139.5874023	2273.177734	156.7461853	2429.92392
30-May-19 10:21:00	95.90241241	251.6759949	139.5782471	2279.806152	158.3998108	2438.205963
30-May-19 10:22:00	96.01094055	251.519989	139.5843506	2274.163574	163.1566162	2437.32019
30-May-19 10:23:00	95.87541962	251.3639984	139.8010101	2282.186523	169.2937927	2451.480316
30-May-19 10:24:00	95.95069122	251.6759949	139.7827148	2281.735107	172.4460144	2454.181122
30-May-19 10:25:00	95.84304047	251.5200043	139.6575775	2269.064209	170.7509613	2439.81517
30-May-19 10:26:00	95.88761902	251.6579895	139.7460938	2270.890137	165.727829	2436.617966
30-May-19 10:27:00	95.83696747	251.4660034	139.7033691	2274.739502	161.2810211	2436.020523
30-May-19 10:28:00	95.95631409	251.6399994	139.666748	2272.632568	156.5846252	2429.217194
30-May-19 10:29:00	95.87949371	251.4179993	139.6087646	2275.59082	158.283783	2433.874603
30-May-19 10:30:00	96.07236481	251.5680084	139.553833	2277.065186	163.210968	2440.276154
30-May-19 10:31:00	96.03466797	251.2319946	139.6759033	2270.287598	169.9504547	2440.238052
30-May-19 10:32:00	95.97550201	251.6159973	139.7521973	2264.703369	172.6967773	2437.400146
30-May-19 10:33:00	96.15847778	252.0299988	139.6972656	2277.166992	169.6315155	2446.798508
30-May-19 10:34:00	95.95790863	251.6399994	139.6911621	2278.58252	164.7904663	2443.372986
30-May-19 10:35:00	96.02979279	251.6820068	139.7827148	2275.419678	159.83461	2435.254288
30-May-19 10:36:00	96.14884949	251.9880066	139.6759033	2273.100098	157.0948181	2430.194916
30-May-19 10:37:00	95.95816803	251.2319946	139.7491455	2280.46875	160.4873352	2440.956085
30-May-19 10:38:00	96.07636261	251.8860016	139.6209717	2273.072266	166.7873383	2439.859604
30-May-19 10:39:00	95.87678528	251.4419861	139.6972656	2276.203369	172.9685669	2449.171936
30-May-19 10:40:00	96.14230347	251.9400024	139.7460785	2274.84668	170.9062195	2445.752899
30-May-19 10:41:00	96.00016022	251.7480011	139.730835	2272.557129	165.9352722	2438.492401
30-May-19 10:42:00	96.07730103	251.621994	139.6789551	2280.713867	160.7826691	2441.496536
30-May-19 10:43:00	96.01969147	251.4600067	139.755249	2276.343994	156.5182495	2432.862244
30-May-19 10:44:00	96.14198303	251.723999	139.6911621	2271.745605	159.5391846	2431.28479
30-May-19 10:45:00	95.94743347	251.3519897	139.7491455	2275.63623	165.571167	2441.207397
30-May-19 10:46:00	96.05460358	251.4839935	139.7033691	2278.240234	172.8412018	2451.081436
30-May-19 10:47:00	95.91871643	251.0460052	139.666748	2278.426025	171.846405	2450.27243
30-May-19 10:48:00	96.11666107	251.4600067	139.730835	2275.723633	166.8755035	2442.599136
30-May-19 10:49:00	96.20330048	251.5800018	139.6728363	2273.296875	161.6168213	2434.913696
30-May-19 10:50:00	96.19406128	251.5139923	139.8162842	2278.466064	156.6587677	2435.124832
30-May-19 10:51:00	96.04145813	251.4960022	139.7125244	2279.57959	158.4785614	2438.058151
30-May-19 10:52:00	95.97169495	251.2920074	139.5202484	2276.64502	164.312851	2440.95787
30-May-19 10:53:00	96.09294891	251.4480133	139.5721436	2279.003418	171.6449585	2450.648376
30-May-19 10:54:00	96.0437851	251.256012	139.3615723	2276.123047	172.3739929	2448.49704
30-May-19 10:55:00	96.05344391	251.1419983	139.6118164	2270.841797	167.7969818	2438.638779
30-May-19 10:56:00	96.29785156	252.1440125	139.465332	2282.15625	162.7011566	2444.857407
30-May-19 10:57:00	96.02542114	251.345993	139.5294189	2275.59668	157.3088074	2432.905487
30-May-19 10:58:00	96.08485413	251.4119873	139.5721436	2277.230957	158.0349121	2435.265869
30-May-19 10:59:00	96.14073181	251.6820068	139.5324707	2272.444092	163.5858765	2436.029968
30-May-19 11:00:00	96.14733887	251.7120056	139.7491455	2276.80835	171.1620789	2447.970428
30-May-19 11:01:00	96.0907135	251.5439911	139.6362152	2275.380859	172.137558	2447.518417
30-May-19 11:02:00	96.06625366	251.6399994	139.7369385	2274.043457	168.165741	2442.209198
30-May-19 11:03:00	96.08237457	251.8500061	139.9017334	2283.775879	162.9846344	2446.760513
30-May-19 11:04:00	96.05225372	251.4179993	139.932251	2281.040283	157.5133362	2438.553619
30-May-19 11:05:00	96.11990356	251.9639893	139.7125244	2280.662354	158.0834351	2438.745789
30-May-19 11:06:00	96.17132568	252.1139984	139.7033539	2279.512939	163.8158264	2443.328766
30-May-19 11:07:00	96.03547668	252.1619873	139.7277832	2276.459961	171.3903046	2447.850266
30-May-19 11:08:00	96.35072327	253.1940002	139.5294037	2293.802734	172.3254852	2466.12822
30-May-19 11:09:00	95.97277832	252.4079895	139.4897461	2285.316895	167.3035431	2452.620438
Average	96.02893995	251.6760999	139.6848017	2277.088513	164.721299	2441.809812

	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DC576	02RCAODINA201	02RCAODSE0201	2FGS-FI157	2FGS-FI160	
30-May-19 11:30:00	96.27458191	253.3679962	139.654541	2284.318604	166.5862732	2450.904877
30-May-19 11:31:00	96.18697357	253.2360077	139.6179199	2288.511719	161.2493439	2449.761063
30-May-19 11:32:00	96.03733826	253.0440063	139.7796631	2282.652344	156.4179993	2439.070343
30-May-19 11:33:00	96.22595978	253.7579956	139.5263672	2288.23584	158.4077911	2446.643631
30-May-19 11:34:00	96.00289154	253.0319824	139.6820068	2283.979004	164.4717712	2448.450775
30-May-19 11:35:00	96.05767822	253.2779999	139.7613525	2286.623047	171.7868195	2458.409866
30-May-19 11:36:00	96.26314545	253.4459991	139.7583008	2284.552002	171.9298859	2456.481888
30-May-19 11:37:00	95.97154236	253.3800049	139.6575775	2282.787109	167.6238708	2450.41098
30-May-19 11:38:00	96.14370728	253.4940033	139.4592285	2293.362305	162.3949432	2455.757248
30-May-19 11:39:00	96.17784119	253.5240021	139.6026611	2292.279785	157.2905579	2449.570343
30-May-19 11:40:00	96.16333008	253.6019897	139.743042	2288.88916	157.8007355	2446.689896
30-May-19 11:41:00	96.11418152	253.8359985	139.8071289	2290.515137	163.9248199	2453.439957
30-May-19 11:42:00	96.27333832	254.3339996	139.8468018	2288.014648	169.5138702	2457.528519
30-May-19 11:43:00	96.1228714	254.2859955	139.7094727	2287.222656	172.5130768	2459.735733
30-May-19 11:44:00	96.25934601	254.5740051	139.9749756	2304.706787	169.4622345	2474.169022
30-May-19 11:45:00	96.14820099	254.2380066	139.8498383	2291.155762	164.0619202	2455.217682
30-May-19 11:46:00	96.11239624	254.8500061	139.8895264	2292.204346	159.2603455	2451.464691
30-May-19 11:47:00	95.98715973	254.25	139.8651123	2292.428711	156.8169403	2449.245651
30-May-19 11:48:00	96.14118195	255.2099915	139.8132324	2296.229004	160.4958344	2456.724838
30-May-19 11:49:00	96.26956177	255.6779938	140.1184082	2303.699707	167.1607513	2470.860458
30-May-19 11:50:00	96.26699066	255.2579956	139.9810638	2303.210205	172.816803	2476.027008
30-May-19 11:51:00	95.76501465	254.5079956	140.0360107	2294.325684	170.7964478	2465.122131
30-May-19 11:52:00	96.29423523	256.0559998	140.0177002	2306.552002	166.2572632	2472.809265
30-May-19 11:53:00	96.10372162	255.5039978	140.0390625	2301.346191	161.2299652	2462.576157
30-May-19 11:54:00	96.28966522	255.923996	139.9414063	2308.77002	156.3743896	2465.144409
30-May-19 11:55:00	96.15319061	255.8519897	140.2282715	2305.959473	158.4578094	2464.417282
30-May-19 11:56:00	96.04762268	256.0319824	140.1184082	2300.94043	164.6684875	2465.608917
30-May-19 11:57:00	96.13297272	256.3680115	140.0543213	2302.188965	172.2003174	2474.389282
30-May-19 11:58:00	96.086586	256.0320129	140.1367188	2306.846191	172.2906189	2479.13681
30-May-19 11:59:00	96.08997345	255.9840088	140.2893066	2308.980225	167.3510437	2476.331268
30-May-19 12:00:00	96.05690002	256.7820129	140.2068939	2313.997803	162.3824768	2476.38028
30-May-19 12:01:00	96.18791199	256.9500122	140.032959	2314.009766	157.4815826	2471.491348
30-May-19 12:02:00	96.02751923	256.5119934	140.3564453	2302.511963	157.5840607	2460.096024
30-May-19 12:03:00	96.19337463	257.447998	140.3320313	2308.985107	163.070343	2472.05545
30-May-19 12:04:00	95.99467468	256.8119812	140.3503418	2316.294189	170.0095367	2486.303726
30-May-19 12:05:00	96.05878448	257.3520203	140.3442383	2317.621582	172.2397156	2489.861298
30-May-19 12:06:00	95.92826843	257.1300049	140.3839111	2314.117188	169.0353394	2483.152527
30-May-19 12:07:00	96.06546021	257.4660034	140.6158447	2312.501709	164.1467743	2476.648483
30-May-19 12:08:00	96.01329041	257.0220032	140.3839111	2310.024414	158.8206787	2468.845093
30-May-19 12:09:00	96.08152771	257.447998	140.4602051	2310.654541	156.7304535	2467.384995
30-May-19 12:10:00	96.06797028	258.0360107	140.332016	2314.046143	160.2697906	2474.315933
30-May-19 12:11:00	95.96160889	257.6340027	140.4662933	2310.863037	166.7939911	2477.657028
30-May-19 12:12:00	96.00515747	257.9819946	140.4327393	2320.466309	172.7986298	2493.264938
30-May-19 12:13:00	95.95620728	257.5979919	140.5487061	2318.998047	171.4934387	2490.491486
30-May-19 12:14:00	96.01915741	257.9880066	140.5426025	2326.56543	166.6461029	2493.211533
30-May-19 12:15:00	96.05036163	257.7420044	140.5578613	2322.385254	161.9625854	2484.347839
30-May-19 12:16:00	95.95722198	257.2860107	140.4815521	2304.760254	157.3031464	2462.0634
30-May-19 12:17:00	96.05597687	257.2980042	140.6494141	2323.07251	157.8497772	2480.922287
30-May-19 12:18:00	95.9610672	257.3519897	140.6280518	2315.126953	162.124527	2477.25148
30-May-19 12:19:00	96.06321716	257.5020142	140.4754639	2318.442139	168.5330505	2486.975189
30-May-19 12:20:00	95.88050842	256.6380005	140.6555176	2308.68457	172.8290558	2481.513626
30-May-19 12:21:00	96.31843567	258.0779724	140.7860396	2317.144287	170.9077606	2488.052048
30-May-19 12:22:00	95.95906067	256.9140015	140.5548096	2310.472656	166.3414307	2476.814087
30-May-19 12:23:00	96.0989151	257.3039856	140.5639648	2312.238525	161.6985474	2473.937073
30-May-19 12:24:00	95.81943512	256.4400024	140.6707764	2308.337402	157.1565552	2465.493958
30-May-19 12:25:00	96.22471619	257.789978	140.7470551	2321.161621	157.3996582	2478.561279
30-May-19 12:26:00	95.90811157	256.9019775	140.6005859	2322.962158	160.9702759	2483.932434
30-May-19 12:27:00	96.10124207	257.2680054	140.4388275	2314.95459	167.2371521	2482.191742
30-May-19 12:28:00	96.03509521	257.0760193	140.5090332	2312.847656	172.6038208	2485.451477
30-May-19 12:29:00	96.22757721	257.7479858	140.6005859	2323.257324	171.6574707	2494.914795
30-May-19 12:30:00	96.09722137	257.2799683	141.0156097	2318.839844	167.5885925	2486.428436

Average 96.09080618 255.94613 140.1914478 2305.046427 164.6603156 2469.706742

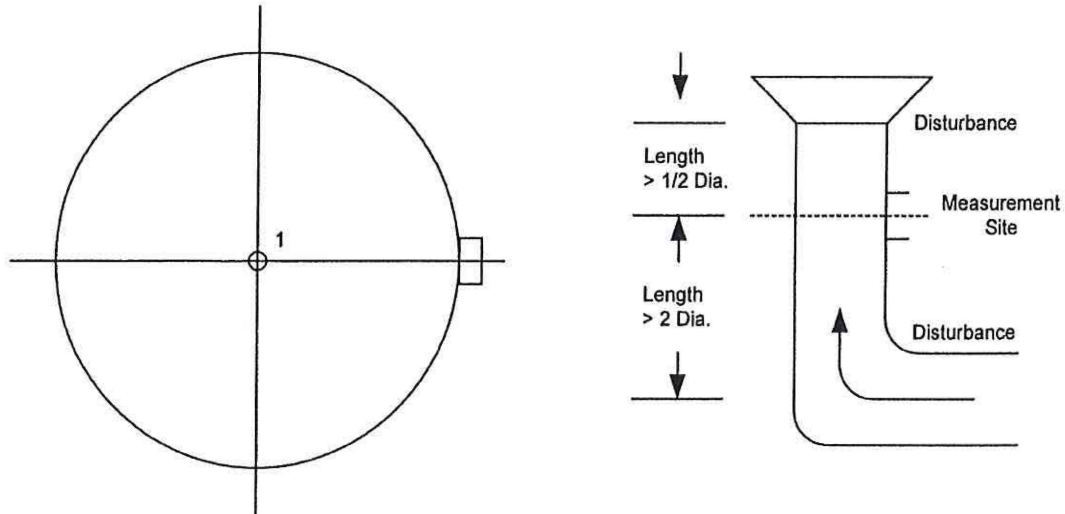
	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DCS76	02RCAODINA201	02RCAODSE0201	2FGS-FI157	2FGS-FI160	
30-May-19 07:50:00	95.90296173	254.1660004	139.8040619	2301.965332	159.4700623	2461.435394
30-May-19 07:51:00	96.14180756	254.4750061	139.994812	2293.364502	158.5875549	2451.952057
30-May-19 07:52:00	95.99700928	253.9589996	140.1092377	2294.294678	159.4616852	2453.756363
30-May-19 07:53:00	96.10148621	254.3249969	140.3289795	2293.591064	163.2862549	2456.877319
30-May-19 07:54:00	95.90907288	254.0279999	139.9200439	2289.624512	166.5132904	2456.137802
30-May-19 07:55:00	95.97036743	254.07901	140.1596069	2289.24707	170.1279755	2459.375046
30-May-19 07:56:00	95.94065857	254.0700073	140.0100555	2299.469482	173.0710754	2472.540558
30-May-19 07:57:00	96.01866913	254.2769928	140.0177002	2300.775879	173.1770935	2473.952972
30-May-19 07:58:00	95.94078064	254.1269989	139.8117065	2288.023926	173.3287811	2461.352707
30-May-19 07:59:00	96.05828857	254.0879974	140.0985718	2297.649902	168.8624268	2466.512329
30-May-19 08:00:00	96.07380676	253.9949951	140.0695801	2296.355469	164.5365521	2460.712021
30-May-19 08:01:00	95.91210938	253.9140167	139.9841309	2298.983887	160.6805878	2459.664474
30-May-19 08:02:00	96.01117706	254.0400085	139.9215698	2293.681152	159.0567017	2452.737854
30-May-19 08:03:00	96.00462341	254.0339966	139.9490356	2292.889648	158.2970428	2451.186691
30-May-19 08:04:00	96.0098877	254.1179962	140.0741577	2295.706055	160.3820801	2456.088135
30-May-19 08:05:00	95.94885254	253.8899841	139.9047852	2294.4646	163.9676361	2458.432236
30-May-19 08:06:00	96.05113983	254.076004	140.1580811	2301.328369	167.5259552	2468.854324
30-May-19 08:07:00	96.00592041	254.3009949	140.0863647	2294.459229	170.966156	2465.425385
30-May-19 08:08:00	96.09721375	253.7850037	140.1306152	2302.073975	172.9818268	2475.055801
30-May-19 08:09:00	96.05393219	253.9290009	140.2603149	2298.247314	172.9589386	2471.206253
30-May-19 08:10:00	95.97744751	253.9290009	140.0360107	2293.968994	172.2346039	2466.203598
30-May-19 08:11:00	96.03385925	253.7459869	140.1199341	2294.934082	167.4480743	2462.382156
30-May-19 08:12:00	95.80778503	253.3859863	139.9398804	2283.557129	163.4325104	2446.989639
30-May-19 08:13:00	95.95454407	253.5690002	139.9856567	2291.056152	159.9992828	2451.055435
30-May-19 08:14:00	96.11339569	253.776001	139.8879852	2295.584961	158.8472443	2454.432205
30-May-19 08:15:00	96.05742645	253.5659943	139.8071289	2295.852783	158.0240936	2453.876877
30-May-19 08:16:00	96.09368896	253.5599976	139.8742676	2295.967529	160.7145996	2456.682129
30-May-19 08:17:00	96.12667084	253.496994	140.0146484	2296.474609	163.5241089	2459.998718
30-May-19 08:18:00	96.19544983	253.493988	139.8269653	2300.262207	166.8960266	2467.158234
30-May-19 08:19:00	96.02139282	253.4369965	139.9414063	2288.785645	170.1494141	2458.935059
30-May-19 08:20:00	95.9911499	253.3560181	140.1184082	2286.231934	172.7553711	2458.987305
30-May-19 08:21:00	96.24351501	253.3769989	139.8574829	2295.490967	172.8027802	2468.293747
30-May-19 08:22:00	96.11930084	253.8209991	140.0512695	2291.073486	172.6620636	2463.73555
30-May-19 08:23:00	96.18824005	253.5810089	139.9414063	2287.119141	169.5466461	2456.665787
30-May-19 08:24:00	96.11354065	253.5870056	139.9932861	2286.224854	165.8011322	2452.025986
30-May-19 08:25:00	96.12953949	253.7220001	140.0024414	2293.099365	162.1736603	2455.273026
30-May-19 08:26:00	95.96653748	253.3349915	139.8223877	2287.190186	159.3662109	2446.556396
30-May-19 08:27:00	96.21565247	253.9949951	140.0878906	2296.408936	158.3678894	2454.776825
30-May-19 08:28:00	95.96699524	253.0770111	139.7583008	2285.198975	158.0697174	2443.268692
30-May-19 08:29:00	96.07591248	253.5870056	139.956665	2295.849121	159.8019867	2455.651108
30-May-19 08:30:00	96.19161224	253.6349945	139.9215698	2293.609619	162.941803	2456.551422
30-May-19 08:31:00	96.14689636	253.7339935	139.8361206	2291.455322	165.9098663	2457.365189
30-May-19 08:32:00	95.96160889	253.6230011	139.9505615	2288.868896	168.488205	2457.357101
30-May-19 08:33:00	96.05072021	253.6829987	139.9337769	2291.962891	171.4320221	2463.394913
30-May-19 08:34:00	95.96027374	253.5509949	139.8208618	2296.331299	172.624588	2468.955887
30-May-19 08:35:00	96.05609894	253.8720093	139.9185181	2296.706543	172.6278229	2469.334366
30-May-19 08:36:00	96.01844788	253.3350067	139.881897	2293.148193	172.7815094	2465.929703
30-May-19 08:37:00	96.04995728	253.779007	139.8544312	2289.851074	169.8917084	2459.742783
30-May-19 08:38:00	96.1849823	253.8329926	140.0787354	2293.790527	166.425415	2460.215942
30-May-19 08:39:00	96.09979248	253.7489929	139.9108887	2294.785156	163.3813019	2458.166458
30-May-19 08:40:00	96.1420517	253.7310028	139.994812	2293.183105	160.4193573	2453.602463
30-May-19 08:41:00	95.99441528	253.8390045	139.9505615	2293.411621	158.9100952	2452.321716
30-May-19 08:42:00	96.11082458	253.9830017	139.982605	2293.098877	158.5376282	2451.636505
30-May-19 08:43:00	96.12612152	253.6109924	139.994812	2294.605713	157.9784851	2452.584198
30-May-19 08:44:00	96.07350922	253.1820068	139.9841309	2294.047363	159.0381622	2453.085526
30-May-19 08:45:00	96.24812317	254.1539917	140.1626587	2295.587646	161.3295898	2456.917236
30-May-19 08:46:00	95.9899826	253.5090027	139.9368286	2300.269531	163.5002899	2463.769821
30-May-19 08:47:00	96.10070801	253.776001	139.9719238	2292.649414	165.7496033	2458.399017
30-May-19 08:48:00	96.17337036	254.1089935	139.9368286	2298.562744	167.7750244	2466.337769
30-May-19 08:49:00	96.15684509	254.0939941	139.9749603	2295.09082	169.8035889	2464.894409
30-May-19 08:50:00	96.03731537	253.7970123	140.1016235	2287.26709	171.7207336	2458.987823
30-May-19 08:51:00	96.25926208	253.9680176	140.0863647	2295.129395	172.6981354	2467.82753
30-May-19 08:52:00	95.96565247	253.2540131	140.1687469	2288.250977	172.6711121	2460.922089
30-May-19 08:53:00	96.3049469	254.1960144	140.1535034	2293.988281	172.7182159	2466.706497

	GT Load %	GT MWs	ST MWs	GT Fuel MSCF	D/B Fuel MSCF	Total Fuel Flow MSCF
	2CEM-DC576	02RCAOD/NA201	02RCAOD/SE0201	2FGS-FI157	2FGS-FI160	
30-May-19 08:54:00	96.03477478	253.5240021	140.1428223	2284.630615	172.0406189	2456.671234
30-May-19 08:55:00	96.15789032	254.0910034	140.2832031	2294.612305	169.6996918	2464.311996
30-May-19 08:56:00	95.99591827	253.5330048	140.2923584	2292.775391	167.2572937	2460.032684
30-May-19 08:57:00	96.11904144	253.9350128	140.0894165	2287.972656	164.7095337	2452.68219
30-May-19 08:58:00	95.85915375	253.5149994	140.2526855	2288.353271	162.5030518	2450.856323
30-May-19 08:59:00	96.18492126	254.2440033	140.2084351	2292.280518	160.5328827	2452.8134
30-May-19 09:00:00	95.96665192	253.673996	140.2740479	2288.162842	158.9107056	2447.073547
30-May-19 09:01:00	96.10906219	254.1569977	140.322876	2291.981689	158.3703308	2450.35202
30-May-19 09:02:00	96.05937958	254.0010071	140.1016235	2295.98291	157.8677826	2453.850693
30-May-19 09:03:00	95.93762207	253.8479919	140.2572632	2290.96582	157.6495361	2448.615356
30-May-19 09:04:00	96.12282562	253.6260071	140.1428223	2291.279785	158.54599	2449.825775
30-May-19 09:05:00	95.74247742	253.6649933	140.12146	2287.409424	160.0028381	2447.412262
30-May-19 09:06:00	95.9344635	253.7940063	140.1901245	2287.578369	161.8162231	2449.394592
30-May-19 09:07:00	95.8917923	253.6560059	140.0924683	2294.20459	163.8460999	2458.05069
30-May-19 09:08:00	95.90496063	253.6619873	140.071106	2285.515137	165.3409729	2450.85611
30-May-19 09:09:00	96.00102234	253.6169891	139.9032593	2291.458252	167.0110779	2458.46933
30-May-19 09:10:00	95.81912994	253.4069977	140.0604248	2292.415283	168.6025391	2461.017822
30-May-19 09:11:00	95.81929016	253.6439972	140.0360107	2294.195068	170.1422272	2464.337296
30-May-19 09:12:00	95.76700592	253.5240021	139.9505615	2286.236816	171.0219421	2457.258759
30-May-19 09:13:00	95.89942169	253.6319885	139.8254395	2289.546875	172.0576324	2461.604507
30-May-19 09:14:00	95.86343384	253.5149994	139.8864746	2292.153076	172.377655	2464.530731
30-May-19 09:15:00	95.70754242	253.3710022	139.9612427	2284.292236	172.4030762	2456.695313
30-May-19 09:16:00	95.86144257	253.5599976	139.9978638	2292.106689	172.4946136	2464.601303
30-May-19 09:17:00	95.75946045	253.3650055	139.831543	2281.833984	172.5191803	2454.353165
30-May-19 09:18:00	95.70962524	252.9989929	140.0665283	2290.501953	172.2077179	2462.709671
30-May-19 09:19:00	95.72315216	252.848999	139.7903442	2287.533203	172.2891541	2459.822357
30-May-19 09:20:00	95.5943222	252.5549927	139.9185181	2283.604248	172.5197296	2456.123978
30-May-19 09:21:00	95.78785706	253.1489868	139.8544312	2282.256104	172.3090668	2454.56517
30-May-19 09:22:00	95.78066254	253.022995	139.7979584	2287.052979	172.0752258	2459.128204
30-May-19 09:23:00	95.76618958	252.6359863	139.8513794	2286.236328	172.1005707	2458.336899
30-May-19 09:24:00	95.78451538	253.3718109	139.7749481	2292.733154	172.860672	2465.593826
30-May-19 09:25:00	95.83383942	253.0619965	139.7674561	2285.564697	172.7596893	2458.324387
30-May-19 09:26:00	95.7543869	252.4560089	139.7918701	2285.054688	172.8301697	2457.884857
30-May-19 09:27:00	95.75896454	252.7200012	139.8406982	2285.492188	173.1490173	2458.641205
30-May-19 09:28:00	95.76125336	252.7440033	139.7735596	2275.235596	173.0778656	2448.313461
30-May-19 09:29:00	95.87288666	252.8399963	139.7644043	2281.933105	173.0786743	2455.01178
30-May-19 09:30:00	95.6160965	252.2879944	139.7918701	2293.522949	173.0835266	2466.606476
30-May-19 09:31:00	95.5736084	252.5918121	139.8789825	2288.427734	172.9888916	2461.416626
30-May-19 09:32:00	95.90146637	252.8339996	139.8529053	2282.223145	172.541626	2454.764771
30-May-19 09:33:00	95.7803421	253.0336304	139.687561	2292.375244	172.6045837	2464.979828
30-May-19 09:34:00	95.60706329	252.2460022	139.6453857	2278.330566	172.1595459	2450.490112
30-May-19 09:35:00	95.75942993	252.6360016	139.755249	2282.992676	171.879715	2454.872391
30-May-19 09:36:00	95.56550598	252.1919861	139.7460785	2280.201904	171.6156616	2451.817566
30-May-19 09:37:00	95.69880676	252.5940094	139.4836426	2280.653076	171.0280457	2451.681122
30-May-19 09:38:00	95.72267914	252.371994	139.8406982	2281.523926	169.8621063	2451.386032
30-May-19 09:39:00	95.7784729	252.4379883	139.7521973	2286.862305	168.4000397	2455.262344
30-May-19 09:40:00	95.8644104	252.2340088	139.7888031	2289.192383	166.9705353	2456.162918
30-May-19 09:41:00	95.79676056	252.4680176	139.5751953	2282.462402	165.50354	2447.965942
30-May-19 09:42:00	95.95492554	252.9360046	139.8132324	2293.633301	164.0748138	2457.708115
30-May-19 09:43:00	95.92280579	252.276001	139.6087646	2289.23291	162.3617554	2451.594666
30-May-19 09:44:00	95.8777771	252.552002	139.8010254	2286.308594	160.2273102	2446.535904
30-May-19 09:45:00	95.72464752	252.4680023	139.7277832	2288.761719	158.0842133	2446.845932
30-May-19 09:46:00	95.86704254	252.3419952	139.7338867	2280.2146	156.6841278	2436.898727
30-May-19 09:47:00	95.70908356	252.2580109	139.6026611	2279.645264	157.0592041	2436.704468
30-May-19 09:48:00	95.91917419	252.5339966	139.8345947	2284.835938	157.8550262	2442.690964
30-May-19 09:49:00	95.92290497	251.9579926	139.8315277	2282.036377	159.4186401	2441.455017
30-May-19 09:50:00	95.80545044	252.4140167	139.8620605	2282.416992	162.108017	2444.525009

Average	95.95834811	253.4520766	139.9522834	2290.654339	166.4836639	2457.138003
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Appendix B – Test Section Diagrams

GASEOUS TRAVERSE FOR ROUND DUCTS



Job: New Covert Generating Station
New Covert Generating Company, LLC

Date: 5/29/ 2019 and 5/30/2019

Test Location: EUTURBINE2/DB2 Stack

Duct Diameter: 22.1

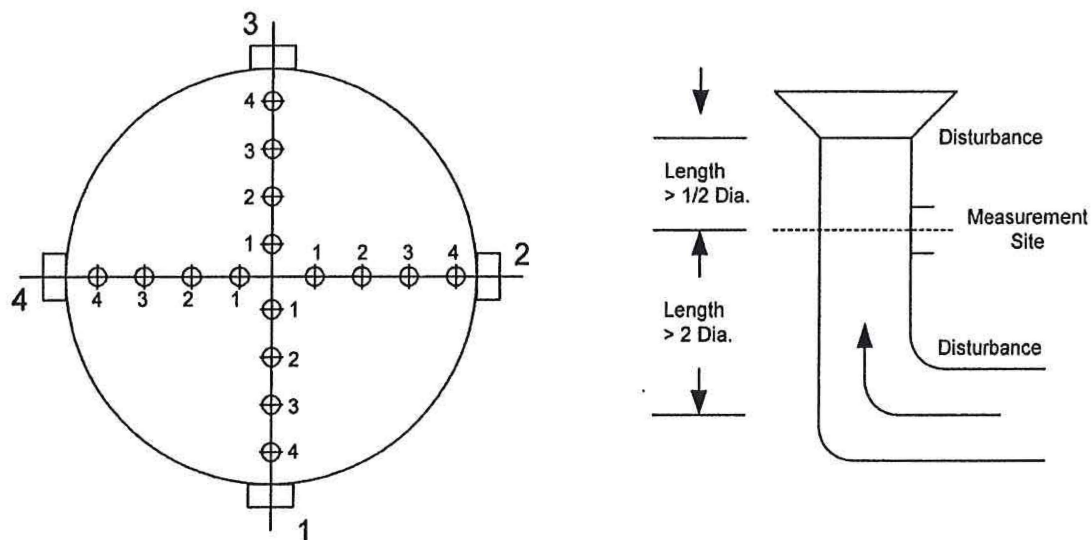
Duct Area: 383.60 Square Feet

No. Points Across Diameter: 1

No. of Ports: 1

Port Length: 12.25 inches

VOLUMETRIC FLOW RATE TRAVERSE FOR ROUND DUCTS



Job: New Covert Generating Company, LLC
New Covert Generating Station

Date: 5/29/2019 and 5/30/2019

Test Location: EUTURBINE2/DB2 Stack

Duct Diameter: 22.1

Duct Area: 383.60 Square Feet

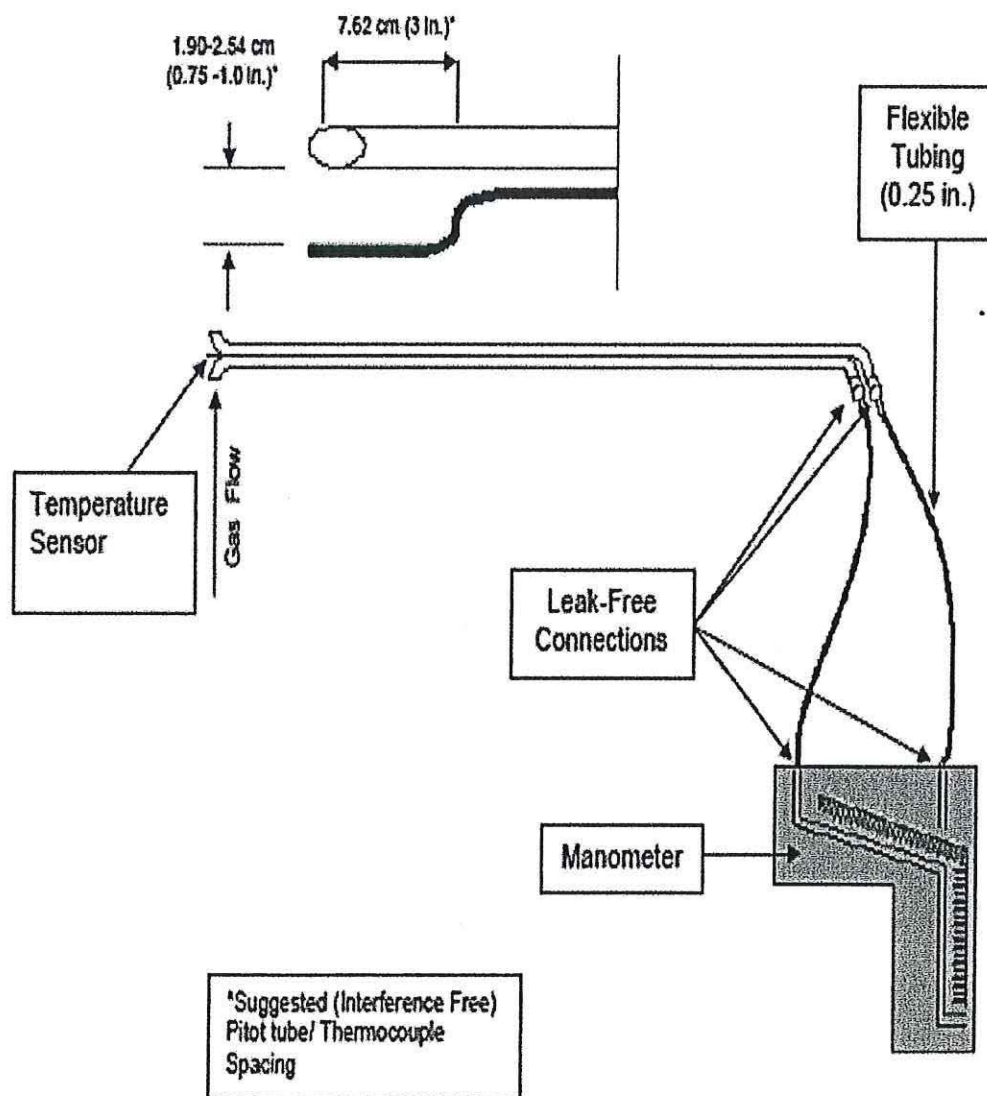
No. Points Across Diameter: 8

No. of Ports: 4

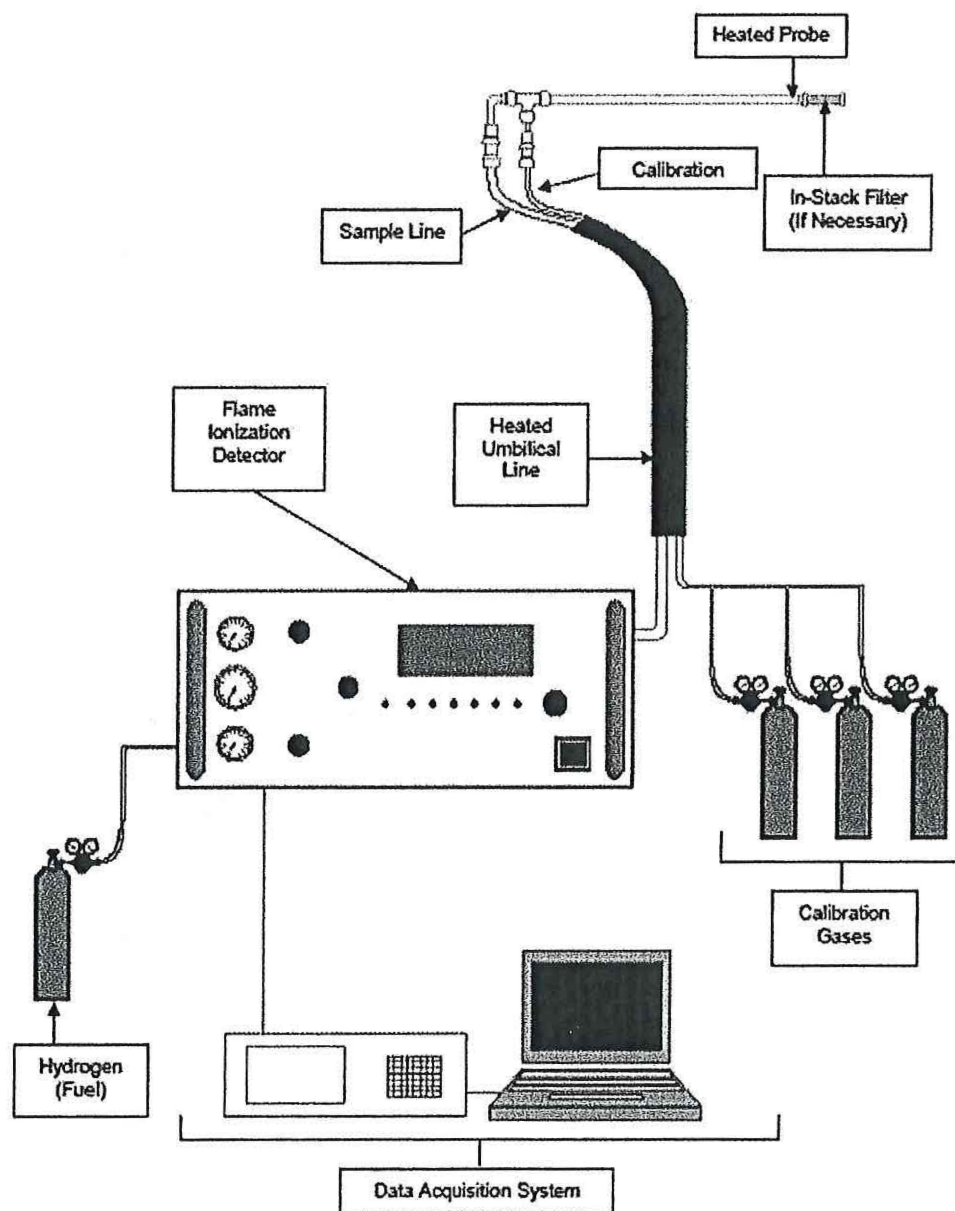
Port Length: 12.25 inches

Appendix C –Sample Train Diagrams

USEPA Method 2- Type S Pitot Tube Manometer Assembly



USEPA Method 25A - Total Gaseous Organic Compound Sample Train

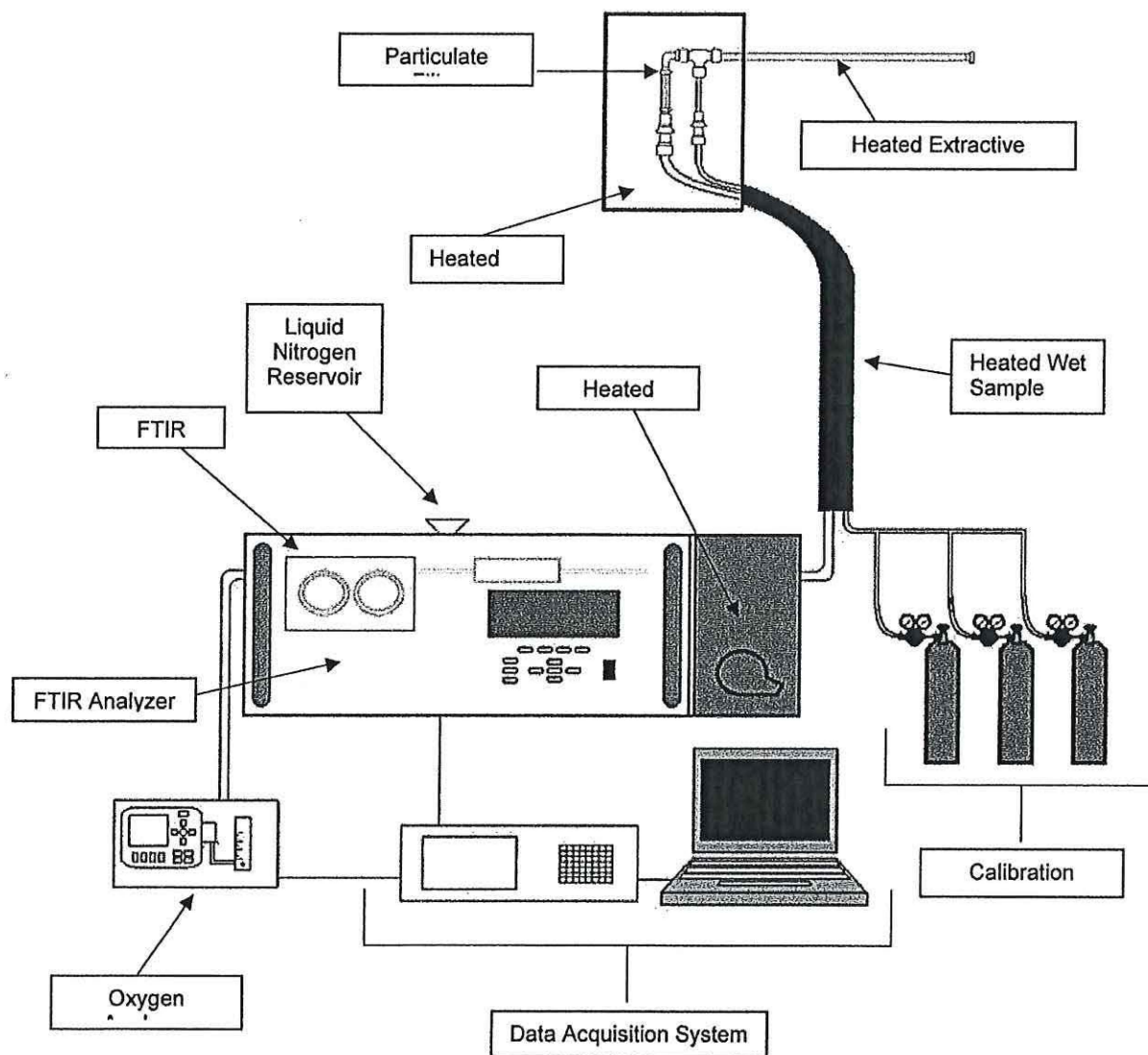


ATD-083 USEPA Method 25A

Rev. 1.1

8/17/2015

USEPA Methods 3A and 320 – Sample Train Diagram



USEPA Method 5/202- Condensable Particulate Matter

