

**Ammonia, Sulfur Dioxide,
Total Particulate Matter,
Volatile Organic
Compounds,
Formaldehyde, and
Sulfuric Acid Emissions
Compliance Test Report**

Consumers Energy Company
Covert Generating Station
Combustion Turbine 2 Stack
Covert, Michigan
Project No. M243013A
July 23 through 25, 2024





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Combustion Turbine 2 Stack
Covert, Michigan
July 23 through 25, 2024**

**Report Submittal Date
September 23, 2024**

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Project No. M243013A

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY	1
2.0 TEST METHODOLOGY	2
Method 1 Traverse Point Determination	3
Method 2 Volumetric Flowrate Determination	3
Method 3A Oxygen (O ₂)/Carbon Dioxide (CO ₂) Determination	3
Method 4 Moisture Determination	3
Method 5 Particulate Determination	4
Conditional Test Method 013 Sulfuric Acid Mist Determination	4
Method 202 Condensable Particulate Determination	4
Method 320 Fourier Transform Infrared (FTIR) Detector Multi-Gas Determination	5
Fuel Gas Analysis	7
3.0 TEST RESULTS SUMMARIES	8
4.0 CERTIFICATION	11
APPENDIX	
Appendix A – Plant Operating Data	13
Appendix B - Test Section Diagram	44
Appendix C - Sample Train Diagram	47
Appendix D - Calculation Nomenclature and Formulas	53
Appendix E - Reference Method Test Data	64
Appendix F- Calibration Data	93
Appendix G - Laboratory Data	116
Appendix H - Field Data Sheets	135
Appendix I - Gas Cylinder Certificates	159

1.0 EXECUTIVE SUMMARY

Mostardi Platt conducted a compliance emissions test program for Consumers Energy Company at the Covert Generating Station in Covert, Michigan, on the Combustion Turbine 2 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
Combustion Turbine 2 Stack	July 23 through 25, 2024	Volumetric Flow Rate	Method 1 and Method 2
		Carbon Dioxide (CO ₂) and Oxygen (O ₂)	Method 3A
		Ammonia (NH ₃)	Method 320
		Moisture (H ₂ O)	Method 320
		Total Particulate Matter (TPM)	Method 5 and Method 202
		Formaldehyde (HCHO)	Method 320
		Sulfuric Acid (H ₂ SO ₄)	Conditional Test Method 013 (CTM-013)

Consumers Energy Company owns and operates the Covert Generating Station 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 21.79 feet (ft) (261.5 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. Selected results of the test program are summarized below. A complete summary of emission test results follows the narrative portion of this report.

Total particulate matter testing was performed twice, one series of runs were two hours in duration, with a 2nd series of test runs performed that were four hours in duration.

TEST RESULTS			
Test Condition	Test Parameter	Measured Concentration	Emission Limit
100% Load with Duct Burners Off	TPM* – 2-hour runs	8.171 lb/hr	10.7 lb/hr
	TPM – 4-hour runs	4.380 lb/hr	10.7 lb/hr
	H ₂ SO ₄	0.16 lb/hr	1.0 lb/hr
	NH ₃ ppmvd @ 15% O ₂	5.1 ppmvd @ 15% O ₂	10.0 ppmvd @ 15% O ₂
	VOC	0.4 ppmvd @ 15% O ₂	1.0 ppmvd @ 15% O ₂
	Formaldehyde	38.3 ppbvd @15% O ₂	91 ppbvd @15% O ₂

* All Particulate Collected was considered less than 2.5

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

TEST PERSONNEL INFORMATION		
Location	Address	Contact
Test Facility	Consumers Energy New Covert Generating Facility 26000 77 th Street Covert, Michigan 49043	Chris Head Operations Manager (269) 764-3805 (phone) Chris.A.head@cmsenergy.com
Testing Company Representative	Mostardi Platt 888 Industrial Drive Elmhurst, Illinois 60126	Anthony T. Wentworth Project Supervisor 630-993-2100 (phone) awentworth@mp-mail.com

The test crew consisted of S. Sands, C. Yarman, J. Carsello, M. Carlson, and A. Wentworth 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
Combustion Turbine 2 Stack	22.1	383.6	0.9	3.5	TPM	24
					VOC/O ₂ /CO ₂ /NH ₃	12 (stratification check) 3 point sampling
					H ₂ SO ₄	1

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. A Brand Gaus 4710 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. FTIR Moistures were used for the purpose of calculating emissions on a dry basis.

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.

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 impinge 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 combustion gas concentrations. With this method, gas samples are extracted from the sample locations through heated Teflon sample lines to the analyzer.

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, 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 performs a classical least squares analysis to determine concentration data on a wet volume basis and the spectral residuals for each analyte (the error associated with each measurement). 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 62 scans, with a new data point generated approximately every one minute. Analyzer data for each run is present in Appendix E.

SAMPLING SYSTEM PARAMETERS				
MKS Serial #	Sampling Line	Probe Assembly	Particulate Filter Media	Operating Temperatures
00583	100' 3/8" dia., heated Teflon	Heated 8', 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 and instrument linearity validations.

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 linearity, confirm optical path length	Ethylene	Direct to FTIR	pretest	+/- 5% cert. value	Pass
M320: CTS Response	Verify system linearity, recovery, response time	Ethylene	Sampling System	Daily, pre/post test	+/- 5% of Direct Measurement	Pass
M320: Zero Response	Verify sampling system has no bias for analytes of interest	Nitrous Oxide with nitrogen balance	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, SF ₆ / Formaldehyde/ N ₂ O	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	104.0	Airgas	CC447136	Certified Standard-Spec +/- 2%
Ammonia, SF ₆	104.5 ppm, 4.90 ppm	Airgas	CC709393	Certified Standard +/- 2% (Ammonia) Certified Standard +/- 5% (SF ₆)
Formaldehyde, N ₂ O	1.14ppb	Airgas	CC709321	Certified Standard +/- 5% (Formaldehyde) Certified Standard +/- 5% (N ₂ O)
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 effluent gases from the base of the probe to the FTIR. Analyte spiking assures the ability of the FTIR sampling system to recover volatile organics and ammonia in the presence of effluent gas.

As part of the spiking procedure, samples were measured to determine native 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 ammonia. 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, providing a scaling factor. The scaling 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 $\pm 20\%$ agreement. In some cases the percent difference between the two analyses is relatively large, but the absolute concentration difference is minimal. If this is not determined to be the case, then the spectra are reviewed for possible spectral interferences or any other possible causes leading to incorrectly quantified data. See Appendix F for FTIR QA/QC for manual subtractions.

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)
NH ₃	0.2	-
Formaldehyde	0.01	-
Moisture	-	0.1

The spectral residuals for each compound is calculated using the classical least squares analysis. When the residual error exceeds the measured concentration, the compound is considered a non-detect, allowing the residual to verify the detection limit. The spectral residual also permits the analyst to determine if there are possible interferences in the sample matrix.

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 RESULTS SUMMARIES

Consumers Energy Company Covert Generating Station Combustion Turbine 2 Stack THC and NH3 Summary									
Test No.	Date	Start Time	End Time	CO2 % (dry)	O2 % (dry)	Moisture %	THC ppmvd @ 15% O2	THC ppmvw	NH3 ppmvd @ 15% O2
1	7/23/2024	12:45	14:20	4.4	13.4	8.69%	0.4	0.5	4.8
2	7/23/2024	15:01	16:00	4.5	13.4	8.41%	0.4	0.5	5.2
3	7/23/2024	16:45	17:44	4.5	13.3	8.33%	0.4	0.5	5.3
Average				4.5	13.4	8.48%	0.4	0.5	5.1

Consumers Energy Company Covert Generating Station Combustion Turbine 2 Stack Formaldehyde Summary									
Test No.	Date	Start Time	End Time	O2 % (wet)	Formaldehyde ppbv %R	Moisture %	O2 % (dry)	Formaldehyde ppbv %R	Formaldehyde ppbv %R @15% O2
1	7/23/2024	12:45	14:20	12.3	67.6	8.1%	13.4	73.6	57.8
2	7/23/2024	15:01	16:00	12.3	28.9	7.9%	13.4	31.4	24.5
3	7/23/2024	16:45	17:44	12.3	38.5	7.8%	13.3	41.8	32.6
Average				12.3	45.0	7.9%	13.4	48.9	38.3

Consumers Energy Company
 Covert Generating Station
 Combustion Turbine 2 Stack
 July 23, 2024

Gaseous Phase SO ₃ as H ₂ SO ₄ (analyzed by IC)										
Test No.	Start Time	End Time	mg	Vm(std) ft ³	Fuel Factor Fd (dscf/mmBtu)	O ₂ % dry	Volumetric Flow Rate, dscfm	ppm SO ₃ as H ₂ SO ₄	lb/hr SO ₃ as H ₂ SO ₄	lb/mmBtu SO ₃ as H ₂ SO ₄ (Fd Factor)
1	10:05	11:05	0.0407	18.677	8.675	13.4	1,035,313	0.02	0.30	0.0001
2	12:45	13:45	0.0022	20.278	8.675	13.4	1,047,337	0.00	0.02	0.0000
3	16:15	17:15	0.0231	20.199	8.675	13.2	1,038,986	0.01	0.16	0.0000
Average			0.0220	19.718	8,675	13.3	1,040,545	0.01	0.16	0.0000

Client: Consumers Energy Company
 Facility: Covert Generating Station
 Test Location: Combustion Turbine 2 Stack
 Test Method: 5/202

Source Condition	DB OFF	DB OFF	DB OFF	
Date	7/23/24	7/23/24	7/23/24	
Start Time	9:40	12:45	16:15	
End Time	11:50	15:38	18:25	
	Run 1	Run 2	Run 3	Average
Stack Conditions				
Average Gas Temperature, °F	210.3	211.9	211.5	211.2
Flue Gas Moisture, percent by volume	7.6%	7.1%	8.3%	7.7%
Average Flue Pressure, in. Hg	29.14	28.99	29.14	29.09
Gas Sample Volume, dscf	80.932	80.619	81.741	81.097
Average Gas Velocity, ft/sec	65.222	66.105	66.050	65.792
Gas Volumetric Flow Rate, acfm	1,459,532	1,479,311	1,478,072	1,472,305
Gas Volumetric Flow Rate, dscfm	1,034,392	1,046,403	1,038,472	1,039,756
Gas Volumetric Flow Rate, scfm	1,119,754	1,126,427	1,131,938	1,126,040
Average %CO ₂ by volume, dry basis	4.4	4.5	4.4	4.4
Average %O ₂ by volume, dry basis	13.4	13.4	13.2	13.3
Isokinetic Variance	101.2	99.6	101.8	100.9
Calculated Fuel Factor Fd, dscf/mmBtu	8,675.3	8,675.3	8,675.3	8,675.3
Filterable Particulate Matter (Method 5)				
grams collected	0.00040	0.00182	0.00152	0.00125
mg/dscm	0.175	0.797	0.657	0.5428
grains/dscf	0.0001	0.0003	0.0003	0.0002
lb/hr	0.676	3.124	2.554	2.118
lb/mmBtu (Calculated Fd Factor)	0.0003	0.0012	0.0010	0.0008
Condensable Particulate Matter (Method 202)				
grams collected	0.00389	0.00249	0.00435	0.00358
grains/dscf	0.0007	0.0005	0.0008	0.0007
lb/hr	6.576	4.274	7.309	6.053
lb/mmBtu (Calculated Fd Factor)	0.0026	0.0016	0.0028	0.0023
Total Particulate Matter (5/202)				
grams collected	0.00429	0.00431	0.00587	0.00482
grains/dscf	0.0008	0.0008	0.0011	0.0009
lb/hr	7.252	7.398	9.863	8.171
lb/mmBtu (Calculated Fd Factor)	0.0029	0.0028	0.0038	0.0032

Client: Consumers Energy Company
 Facility: Covert Generating Station
 Test Location: Combustion Turbine 2 Stack
 Test Method: 5/202

Source Condition	Normal	Normal	Normal	
Date	7/24/24	7/24/24	7/25/24	
Start Time	9:45	14:30	7:55	
End Time	13:56	18:42	12:05	
	Run 1	Run 2	Run 3	Average
Stack Conditions				
Average Gas Temperature, °F	211.1	211.3	210.9	211.1
Flue Gas Moisture, percent by volume	9.8%	10.4%	8.5%	9.6%
Average Flue Pressure, in. Hg	29.23	29.23	29.32	29.26
Gas Sample Volume, dscf	164.567	164.938	166.094	165.200
Average Gas Velocity, ft/sec	66.350	66.459	66.454	66.421
Gas Volumetric Flow Rate, acfm	1,484,790	1,487,221	1,487,113	1,486,375
Gas Volumetric Flow Rate, dscfm	1,029,767	1,024,548	1,049,289	1,034,535
Gas Volumetric Flow Rate, scfm	1,141,409	1,142,923	1,147,034	1,143,789
Average %CO ₂ by volume, dry basis	4.3	4.5	4.4	4.4
Average %O ₂ by volume, dry basis	13.9	14.0	14.0	14.0
Isokinetic Variance	103.3	104.1	102.3	103.2
Calculated Fuel Factor Fd, dscf/mmBtu	8,675.3	8,675.3	8,675.3	8,675.3
Filterable Particulate Matter (Method 5)				
grams collected	0.00040	0.00107	0.00040	0.00062
grains/acf	0.0000	0.0001	0.0000	0.0000
grains/dscf	0.0000	0.0001	0.0000	0.0000
lb/hr	0.331	0.879	0.334	0.515
lb/mmBtu (Calculated Fd Factor)	0.0001	0.0004	0.0001	0.0002
Condensable Particulate Matter (Method 202)				
grams collected	0.00324	0.00538	0.00538	0.00467
grains/acf	0.0002	0.0003	0.0004	0.0003
grains/dscf	0.0003	0.0005	0.0005	0.0004
lb/hr	2.681	4.420	4.495	3.865
lb/mmBtu (Calculated Fd Factor)	0.0011	0.0019	0.0019	0.0016
Total Particulate Matter (5/202)				
grams collected	0.00364	0.00645	0.00578	0.00529
grains/acf	0.0002	0.0004	0.0004	0.0003
grains/dscf	0.0003	0.0006	0.0005	0.0005
lb/hr	3.012	5.299	4.829	4.380
lb/mmBtu (Calculated Fd Factor)	0.0012	0.0023	0.0020	0.0018

4.0 CERTIFICATION

Mostardi Platt is pleased to have been of service to Consumers Energy. If you have any questions regarding this test report, please do not hesitate to contact us at 630-993-2100.

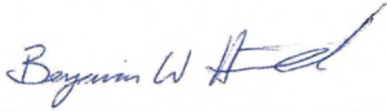
As project manager, I hereby certify that this test report represents a true and accurate summary of emissions test results and the methodologies employed to obtain those results, and the test program was performed in accordance with the methods specified in this test report.

MOSTARDI PLATT



Anthony T. Wentworth

Program Manager



Benjamin W. Hendricks

Quality Assurance

APPENDICES

Appendix A – Plant Operating Data

Unit 2 VOC, NH3 and HCOH Performance Test - Run 1

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 07/23/2024 11:45 Through 07/23/2024 13:20

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT02								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/23/24 11:45	21,816.2	2,444.4	93	0.0	0.0	21,816.2	2,444.4	232	342
07/23/24 11:46	21,802.6	2,442.9	93	0.0	0.0	21,802.6	2,442.9	232	342
07/23/24 11:47	21,828.7	2,445.8	93	0.0	0.0	21,828.7	2,445.8	232	342
07/23/24 11:48	21,890.8	2,452.8	93	0.0	0.0	21,890.8	2,452.8	233	343
07/23/24 11:49	21,910.8	2,455.0	93	0.0	0.0	21,910.8	2,455.0	233	343
07/23/24 11:50	21,873.8	2,450.9	93	0.0	0.0	21,873.8	2,450.9	233	343
07/23/24 11:51	21,944.3	2,458.8	93	0.0	0.0	21,944.3	2,458.8	233	343
07/23/24 11:52	21,862.1	2,449.6	93	0.0	0.0	21,862.1	2,449.6	232	342
07/23/24 11:53	21,817.5	2,444.6	93	0.0	0.0	21,817.5	2,444.6	232	343
07/23/24 11:54	21,816.6	2,444.5	93	0.0	0.0	21,816.6	2,444.5	232	342
07/23/24 11:55	21,827.9	2,445.7	93	0.0	0.0	21,827.9	2,445.7	232	342
07/23/24 11:56	21,853.1	2,448.5	93	0.0	0.0	21,853.1	2,448.5	232	342
07/23/24 11:57	21,881.2	2,451.7	93	0.0	0.0	21,881.2	2,451.7	232	343
07/23/24 11:58	21,806.4	2,443.3	93	0.0	0.0	21,806.4	2,443.3	232	342
07/23/24 11:59	21,866.3	2,450.0	93	0.0	0.0	21,866.3	2,450.0	232	342
07/23/24 12:00	21,879.9	2,451.6	93	0.0	0.0	21,879.9	2,451.6	232	343
07/23/24 12:01	21,714.7	2,433.0	93	0.0	0.0	21,714.7	2,433.0	231	341
07/23/24 12:02	21,794.5	2,442.0	93	0.0	0.0	21,794.5	2,442.0	232	342
07/23/24 12:03	21,882.0	2,451.8	93	0.0	0.0	21,882.0	2,451.8	232	342
07/23/24 12:04	21,834.1	2,446.4	93	0.0	0.0	21,834.1	2,446.4	232	342
07/23/24 12:05	21,910.7	2,455.0	93	0.0	0.0	21,910.7	2,455.0	233	343
07/23/24 12:06	21,907.4	2,454.6	93	0.0	0.0	21,907.4	2,454.6	233	343
07/23/24 12:07	21,765.9	2,438.8	93	0.0	0.0	21,765.9	2,438.8	232	342
07/23/24 12:08	21,873.4	2,450.8	93	0.0	0.0	21,873.4	2,450.8	233	343
07/23/24 12:09	21,830.5	2,446.0	93	0.0	0.0	21,830.5	2,446.0	232	342
07/23/24 12:10	21,885.1	2,452.1	93	0.0	0.0	21,885.1	2,452.1	233	343
07/23/24 12:11	21,881.9	2,454.7	93	0.0	0.0	21,881.9	2,454.7	232	342
07/23/24 12:12	21,781.3	2,444.0	93	0.0	0.0	21,781.3	2,444.0	232	342
07/23/24 12:13	21,845.9	2,451.2	93	0.0	0.0	21,845.9	2,451.2	232	343
07/23/24 12:14	21,812.6	2,447.5	93	0.0	0.0	21,812.6	2,447.5	232	342
07/23/24 12:15	21,815.3	2,447.8	93	0.0	0.0	21,815.3	2,447.8	232	342
07/23/24 12:16	21,779.1	2,443.7	93	0.0	0.0	21,779.1	2,443.7	231	341
07/23/24 12:17	21,818.6	2,448.1	93	0.0	0.0	21,818.6	2,448.1	232	342
07/23/24 12:18	21,764.8	2,442.1	93	0.0	0.0	21,764.8	2,442.1	231	341
07/23/24 12:19	21,809.8	2,447.2	93	0.0	0.0	21,809.8	2,447.2	232	342
07/23/24 12:20	21,727.4	2,437.9	93	0.0	0.0	21,727.4	2,437.9	231	341
07/23/24 12:21	21,705.4	2,435.4	93	0.0	0.0	21,705.4	2,435.4	231	341
07/23/24 12:22	21,771.7	2,442.9	93	0.0	0.0	21,771.7	2,442.9	232	342
07/23/24 12:23	21,713.8	2,436.4	93	0.0	0.0	21,713.8	2,436.4	231	341
07/23/24 12:24	21,822.9	2,448.6	93	0.0	0.0	21,822.9	2,448.6	232	342
07/23/24 12:25	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:26	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:27	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:28	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:29	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:30	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:31	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:32	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:33	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:34	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:35	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24 12:36	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

07/23/24	12:37	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:38	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:39	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:40	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:41	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:42	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:43	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:44	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:48	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:49	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:58	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:59	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	13:00	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	13:01	21,661.8	2,430.6	93	0.0	0.0	21,661.8	2,430.6	231	341
07/23/24	13:02	21,718.4	2,436.9	93	0.0	0.0	21,718.4	2,436.9	231	341
07/23/24	13:03	21,646.7	2,428.9	93	0.0	0.0	21,646.7	2,428.9	230	341
07/23/24	13:04	21,704.9	2,435.4	93	0.0	0.0	21,704.9	2,435.4	231	341
07/23/24	13:05	21,719.5	2,437.0	93	0.0	0.0	21,719.5	2,437.0	231	341
07/23/24	13:06	21,746.8	2,440.1	93	0.0	0.0	21,746.8	2,440.1	231	341
07/23/24	13:07	21,604.1	2,424.1	93	0.0	0.0	21,604.1	2,424.1	230	340
07/23/24	13:08	21,659.6	2,430.3	93	0.0	0.0	21,659.6	2,430.3	230	340
07/23/24	13:09	21,692.9	2,434.0	93	0.0	0.0	21,692.9	2,434.0	231	341
07/23/24	13:10	21,717.9	2,436.8	93	0.0	0.0	21,717.9	2,436.8	231	341
07/23/24	13:11	21,756.1	2,442.6	93	0.0	0.0	21,756.1	2,442.6	232	342
07/23/24	13:12	21,773.6	2,444.9	93	0.0	0.0	21,773.6	2,444.9	232	342
07/23/24	13:13	21,720.3	2,438.9	93	0.0	0.0	21,720.3	2,438.9	231	341
07/23/24	13:14	21,692.0	2,435.7	93	0.0	0.0	21,692.0	2,435.7	231	341
07/23/24	13:15	21,766.3	2,444.1	93	0.0	0.0	21,766.3	2,444.1	231	341
07/23/24	13:16	21,613.0	2,426.9	93	0.0	0.0	21,613.0	2,426.9	230	340
07/23/24	13:17	21,675.6	2,433.9	93	0.0	0.0	21,675.6	2,433.9	231	341
07/23/24	13:18	21,696.8	2,436.3	93	0.0	0.0	21,696.8	2,436.3	231	341
07/23/24	13:19	21,739.4	2,441.0	93	0.0	0.0	21,739.4	2,441.0	231	341
07/23/24	13:20	21,711.0	2,437.9	93	0.0	0.0	21,711.0	2,437.9	231	341
Average		21,785.7	2,443.2	93	0.0	0.0	21,785.7	2,443.2	232	342
Minimum		21,604.1	2,424.1	93	0.0	0.0	21,604.1	2,424.1	230	340
Maximum		21,944.3	2,458.8	93	0.0	0.0	21,944.3	2,458.8	233	343
Summation		1,307,143.8	146,594.4	5,592	0.0	0.0	1,307,143.8	146,594.4	13,899	20,504
Included Data Points		60	60	60	60	60	60	60	60	60
Total Number of Data Points		96	96	96	96	96	96	96	96	96

F = Unit Offline

E = Exceedance

C = Calibration

S = Substituted

U - Startup

I = Invalid

M = Maintentance

T = Out Of Control

* = Suspect

D - Shutdown

Unit 2 VOC, NH3 and HCOH Performance Test - Run 2

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 07/23/2024 14:01 Through 07/23/2024 15:00

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT02								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/23/24 14:01	21,606.4	2,426.1	93	0.0	0.0	21,606.4	2,426.1	230	340
07/23/24 14:02	21,618.2	2,427.4	93	0.0	0.0	21,618.2	2,427.4	230	340
07/23/24 14:03	21,638.5	2,429.7	93	0.0	0.0	21,638.5	2,429.7	230	340
07/23/24 14:04	21,635.1	2,429.3	93	0.0	0.0	21,635.1	2,429.3	230	340
07/23/24 14:05	21,669.4	2,433.2	93	0.0	0.0	21,669.4	2,433.2	231	341
07/23/24 14:06	21,539.5	2,418.6	93	0.0	0.0	21,539.5	2,418.6	229	339
07/23/24 14:07	21,521.6	2,416.6	93	0.0	0.0	21,521.6	2,416.6	229	339
07/23/24 14:08	21,534.5	2,418.0	93	0.0	0.0	21,534.5	2,418.0	229	339
07/23/24 14:09	21,484.5	2,412.4	93	0.0	0.0	21,484.5	2,412.4	229	339
07/23/24 14:10	21,587.6	2,424.0	93	0.0	0.0	21,587.6	2,424.0	230	340
07/23/24 14:11	21,601.1	2,426.7	93	0.0	0.0	21,601.1	2,426.7	230	340
07/23/24 14:12	21,570.1	2,423.5	93	0.0	0.0	21,570.1	2,423.5	230	340
07/23/24 14:13	21,547.8	2,421.0	93	0.0	0.0	21,547.8	2,421.0	230	339
07/23/24 14:14	21,575.6	2,424.1	93	0.0	0.0	21,575.6	2,424.1	230	340
07/23/24 14:15	21,585.1	2,425.2	93	0.0	0.0	21,585.1	2,425.2	230	340
07/23/24 14:16	21,577.8	2,424.4	93	0.0	0.0	21,577.8	2,424.4	230	340
07/23/24 14:17	21,540.6	2,420.2	93	0.0	0.0	21,540.6	2,420.2	229	339
07/23/24 14:18	21,633.1	2,430.6	93	0.0	0.0	21,633.1	2,430.6	230	340
07/23/24 14:19	21,533.9	2,419.4	93	0.0	0.0	21,533.9	2,419.4	230	340
07/23/24 14:20	21,603.2	2,427.2	93	0.0	0.0	21,603.2	2,427.2	230	340
07/23/24 14:21	21,534.2	2,419.5	93	0.0	0.0	21,534.2	2,419.5	230	340
07/23/24 14:22	21,607.6	2,427.7	93	0.0	0.0	21,607.6	2,427.7	230	340
07/23/24 14:23	21,533.1	2,419.3	93	0.0	0.0	21,533.1	2,419.3	230	340
07/23/24 14:24	21,594.0	2,426.2	93	0.0	0.0	21,594.0	2,426.2	231	340
07/23/24 14:25	21,577.3	2,424.3	93	0.0	0.0	21,577.3	2,424.3	230	340
07/23/24 14:26	21,562.2	2,422.6	93	0.0	0.0	21,562.2	2,422.6	230	339
07/23/24 14:27	21,591.3	2,425.9	93	0.0	0.0	21,591.3	2,425.9	230	340
07/23/24 14:28	21,603.8	2,427.3	93	0.0	0.0	21,603.8	2,427.3	230	340
07/23/24 14:29	21,500.4	2,415.7	93	0.0	0.0	21,500.4	2,415.7	229	339
07/23/24 14:30	21,592.0	2,426.0	93	0.0	0.0	21,592.0	2,426.0	231	340
07/23/24 14:31	21,592.1	2,426.0	93	0.0	0.0	21,592.1	2,426.0	230	340
07/23/24 14:32	21,548.6	2,421.1	93	0.0	0.0	21,548.6	2,421.1	230	340
07/23/24 14:33	21,550.5	2,421.3	93	0.0	0.0	21,550.5	2,421.3	230	340
07/23/24 14:34	21,506.3	2,416.3	93	0.0	0.0	21,506.3	2,416.3	230	340
07/23/24 14:35	21,492.4	2,414.8	93	0.0	0.0	21,492.4	2,414.8	230	340
07/23/24 14:36	21,429.2	2,407.7	93	0.0	0.0	21,429.2	2,407.7	229	339
07/23/24 14:37	21,435.8	2,408.4	93	0.0	0.0	21,435.8	2,408.4	229	339
07/23/24 14:38	21,527.5	2,418.7	93	0.0	0.0	21,527.5	2,418.7	230	340
07/23/24 14:39	21,446.9	2,409.7	93	0.0	0.0	21,446.9	2,409.7	229	339
07/23/24 14:40	21,492.0	2,414.7	93	0.0	0.0	21,492.0	2,414.7	230	340
07/23/24 14:41	21,415.1	2,406.1	93	0.0	0.0	21,415.1	2,406.1	229	339
07/23/24 14:42	21,427.2	2,407.4	93	0.0	0.0	21,427.2	2,407.4	229	339
07/23/24 14:43	21,415.1	2,406.1	93	0.0	0.0	21,415.1	2,406.1	230	339
07/23/24 14:44	21,443.2	2,409.2	93	0.0	0.0	21,443.2	2,409.2	230	339
07/23/24 14:45	21,420.6	2,406.7	93	0.0	0.0	21,420.6	2,406.7	230	339
07/23/24 14:46	21,455.2	2,410.6	93	0.0	0.0	21,455.2	2,410.6	230	339
07/23/24 14:47	21,448.0	2,409.8	93	0.0	0.0	21,448.0	2,409.8	230	339
07/23/24 14:48	21,450.7	2,410.1	93	0.0	0.0	21,450.7	2,410.1	230	339
07/23/24 14:49	21,490.7	2,414.6	93	0.0	0.0	21,490.7	2,414.6	230	339
07/23/24 14:50	21,390.6	2,403.3	93	0.0	0.0	21,390.6	2,403.3	229	339
07/23/24 14:51	21,372.3	2,401.3	93	0.0	0.0	21,372.3	2,401.3	229	339
07/23/24 14:52	21,449.0	2,409.9	93	0.0	0.0	21,449.0	2,409.9	230	339

07/23/24	14:53	21,384.5	2,402.7	93	0.0	0.0	21,384.5	2,402.7	229	339
07/23/24	14:54	21,443.0	2,409.2	93	0.0	0.0	21,443.0	2,409.2	229	339
07/23/24	14:55	21,443.0	2,409.2	93	0.0	0.0	21,443.0	2,409.2	229	339
07/23/24	14:56	21,422.5	2,406.9	93	0.0	0.0	21,422.5	2,406.9	229	339
07/23/24	14:57	21,462.9	2,411.5	93	0.0	0.0	21,462.9	2,411.5	230	339
07/23/24	14:58	21,395.6	2,403.9	93	0.0	0.0	21,395.6	2,403.9	229	339
07/23/24	14:59	21,478.6	2,413.2	93	0.0	0.0	21,478.6	2,413.2	230	340
07/23/24	15:00	21,437.0	2,408.6	93	0.0	0.0	21,437.0	2,408.6	230	339
Average		21,516.1	2,417.2	93	0.0	0.0	21,516.1	2,417.2	230	340
Minimum		21,372.3	2,401.3	93	0.0	0.0	21,372.3	2,401.3	229	339
Maximum		21,669.4	2,433.2	93	0.0	0.0	21,669.4	2,433.2	231	341
Summation		1,290,965.4	145,031.2	5,584	0.0	0.0	1,290,965.4	145,031.2	13,787	20,371
Included Data Points		60	60	60	60	60	60	60	60	60
Total Number of Data Points		60	60	60	60	60	60	60	60	60

Unit 2 VOC, NH3 and HCOH Performance Test - Run 3

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 07/23/2024 15:45 Through 07/23/2024 16:44

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT02								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/23/24 15:45	21,242.5	2,389.1	93	0.0	0.0	21,242.5	2,389.1	229	338
07/23/24 15:46	21,250.3	2,390.0	93	0.0	0.0	21,250.3	2,390.0	228	338
07/23/24 15:47	21,235.5	2,388.3	93	0.0	0.0	21,235.5	2,388.3	229	338
07/23/24 15:48	21,267.8	2,391.9	93	0.0	0.0	21,267.8	2,391.9	229	338
07/23/24 15:49	21,218.4	2,386.4	93	0.0	0.0	21,218.4	2,386.4	228	338
07/23/24 15:50	21,341.4	2,400.2	93	0.0	0.0	21,341.4	2,400.2	229	339
07/23/24 15:51	21,258.7	2,390.9	93	0.0	0.0	21,258.7	2,390.9	229	339
07/23/24 15:52	21,246.0	2,389.5	93	0.0	0.0	21,246.0	2,389.5	228	338
07/23/24 15:53	21,256.4	2,390.6	93	0.0	0.0	21,256.4	2,390.6	229	338
07/23/24 15:54	21,291.1	2,394.5	93	0.0	0.0	21,291.1	2,394.5	229	338
07/23/24 15:55	21,272.9	2,392.5	93	0.0	0.0	21,272.9	2,392.5	229	339
07/23/24 15:56	21,282.2	2,393.5	93	0.0	0.0	21,282.2	2,393.5	229	338
07/23/24 15:57	21,248.7	2,389.8	93	0.0	0.0	21,248.7	2,389.8	229	338
07/23/24 15:58	21,244.7	2,389.3	93	0.0	0.0	21,244.7	2,389.3	229	338
07/23/24 15:59	21,257.9	2,390.8	93	0.0	0.0	21,257.9	2,390.8	229	338
07/23/24 16:00	21,280.6	2,393.4	93	0.0	0.0	21,280.6	2,393.4	229	339
07/23/24 16:01	21,262.1	2,391.3	93	0.0	0.0	21,262.1	2,391.3	229	338
07/23/24 16:02	21,307.6	2,396.4	93	0.0	0.0	21,307.6	2,396.4	229	338
07/23/24 16:03	21,270.2	2,392.2	93	0.0	0.0	21,270.2	2,392.2	229	338
07/23/24 16:04	21,286.3	2,394.0	93	0.0	0.0	21,286.3	2,394.0	229	338
07/23/24 16:05	21,251.1	2,390.0	93	0.0	0.0	21,251.1	2,390.0	229	338
07/23/24 16:06	21,277.9	2,393.1	93	0.0	0.0	21,277.9	2,393.1	229	338
07/23/24 16:07	21,236.0	2,388.3	93	0.0	0.0	21,236.0	2,388.3	229	338
07/23/24 16:08	21,256.5	2,390.7	93	0.0	0.0	21,256.5	2,390.7	229	338
07/23/24 16:09	21,256.7	2,390.7	93	0.0	0.0	21,256.7	2,390.7	229	338
07/23/24 16:10	21,257.4	2,390.8	93	0.0	0.0	21,257.4	2,390.8	229	338
07/23/24 16:11	21,232.4	2,388.0	93	0.0	0.0	21,232.4	2,388.0	229	338
07/23/24 16:12	21,145.2	2,378.2	93	0.0	0.0	21,145.2	2,378.2	228	337
07/23/24 16:13	21,233.5	2,388.1	93	0.0	0.0	21,233.5	2,388.1	229	338
07/23/24 16:14	21,233.3	2,388.1	93	0.0	0.0	21,233.3	2,388.1	228	338
07/23/24 16:15	21,231.1	2,387.9	93	0.0	0.0	21,231.1	2,387.9	228	337
07/23/24 16:16	21,196.1	2,383.9	93	0.0	0.0	21,196.1	2,383.9	228	338
07/23/24 16:17	21,204.7	2,384.9	93	0.0	0.0	21,204.7	2,384.9	229	338
07/23/24 16:18	21,240.9	2,389.0	93	0.0	0.0	21,240.9	2,389.0	229	338
07/23/24 16:19	21,240.5	2,388.9	93	0.0	0.0	21,240.5	2,388.9	228	338
07/23/24 16:20	21,184.8	2,382.7	93	0.0	0.0	21,184.8	2,382.7	228	337
07/23/24 16:21	21,174.4	2,381.5	93	0.0	0.0	21,174.4	2,381.5	228	337
07/23/24 16:22	21,237.8	2,388.6	93	0.0	0.0	21,237.8	2,388.6	229	338
07/23/24 16:23	21,216.0	2,386.2	93	0.0	0.0	21,216.0	2,386.2	229	338
07/23/24 16:24	21,192.4	2,383.5	93	0.0	0.0	21,192.4	2,383.5	228	338
07/23/24 16:25	21,163.8	2,380.3	93	0.0	0.0	21,163.8	2,380.3	228	337
07/23/24 16:26	21,207.0	2,385.2	93	0.0	0.0	21,207.0	2,385.2	228	338
07/23/24 16:27	21,122.9	2,375.7	93	0.0	0.0	21,122.9	2,375.7	227	337
07/23/24 16:28	21,164.3	2,380.4	93	0.0	0.0	21,164.3	2,380.4	228	337
07/23/24 16:29	21,069.7	2,369.7	93	0.0	0.0	21,069.7	2,369.7	227	337
07/23/24 16:30	21,132.7	2,376.8	93	0.0	0.0	21,132.7	2,376.8	228	337
07/23/24 16:31	21,157.2	2,379.6	93	0.0	0.0	21,157.2	2,379.6	228	338
07/23/24 16:32	21,230.1	2,387.8	93	0.0	0.0	21,230.1	2,387.8	228	338
07/23/24 16:33	21,095.5	2,372.6	93	0.0	0.0	21,095.5	2,372.6	228	337
07/23/24 16:34	21,174.0	2,381.5	93	0.0	0.0	21,174.0	2,381.5	228	337
07/23/24 16:35	21,109.6	2,374.2	93	0.0	0.0	21,109.6	2,374.2	228	337
07/23/24 16:36	21,137.6	2,377.4	93	0.0	0.0	21,137.6	2,377.4	228	337

07/23/24	16:37	21,174.1	2,381.5	93	0.0	0.0	21,174.1	2,381.5	228	337
07/23/24	16:38	21,191.4	2,383.4	93	0.0	0.0	21,191.4	2,383.4	227	337
07/23/24	16:39	21,096.6	2,372.8	93	0.0	0.0	21,096.6	2,372.8	227	337
07/23/24	16:40	21,154.8	2,379.3	93	0.0	0.0	21,154.8	2,379.3	228	338
07/23/24	16:41	21,171.8	2,381.2	93	0.0	0.0	21,171.8	2,381.2	228	337
07/23/24	16:42	21,147.9	2,378.5	93	0.0	0.0	21,147.9	2,378.5	228	337
07/23/24	16:43	21,116.4	2,375.0	93	0.0	0.0	21,116.4	2,375.0	227	337
07/23/24	16:44	21,137.9	2,377.4	93	0.0	0.0	21,137.9	2,377.4	228	337
Average		21,212.9	2,385.8	93	0.0	0.0	21,212.9	2,385.8	228	338
Minimum		21,069.7	2,369.7	93	0.0	0.0	21,069.7	2,369.7	227	337
Maximum		21,341.4	2,400.2	93	0.0	0.0	21,341.4	2,400.2	229	339
Summation		1,272,775.5	143,147.9	5,580	0.0	0.0	1,272,775.5	143,147.9	13,699	20,265
Included Data Points		60	60	60	60	60	60	60	60	60
Total Number of Data Points		60	60	60	60	60	60	60	60	60

F = Unit Offline **E = Exceedance** **C = Calibration** **S = Substituted** **U - Startup**
I = Invalid **M = Maintetance** **T = Out Of Control** *** = Suspect** **D - Shutdown**

Unit 2 H2SO4 Performance Test - Run 1

Run 1

Plant: Covert Generating Station
Interval: 1 Minute Type: Block
Report Period: 07/23/2024 09:05 Through 07/23/2024 10:04
Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT02								
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/23/24	9:05	22,197.8	2,480.8	93	0.0	0.0	22,197.8	2,480.8	235	347
07/23/24	9:06	22,164.3	2,477.0	93	0.0	0.0	22,164.3	2,477.0	234	347
07/23/24	9:07	22,150.2	2,475.4	93	0.0	0.0	22,150.2	2,475.4	234	347
07/23/24	9:08	22,109.1	2,470.9	93	0.0	0.0	22,109.1	2,470.9	234	346
07/23/24	9:09	22,186.0	2,479.5	93	0.0	0.0	22,186.0	2,479.5	235	347
07/23/24	9:10	22,191.7	2,480.1	93	0.0	0.0	22,191.7	2,480.1	234	347
07/23/24	9:11	22,157.6	2,476.3	93	0.0	0.0	22,157.6	2,476.3	234	346
07/23/24	9:12	22,146.1	2,479.3	93	0.0	0.0	22,146.1	2,479.3	235	347
07/23/24	9:13	22,142.6	2,479.8	93	0.0	0.0	22,142.6	2,479.8	234	347
07/23/24	9:14	22,102.9	2,475.3	93	0.0	0.0	22,102.9	2,475.3	234	347
07/23/24	9:15	22,130.5	2,478.4	93	0.0	0.0	22,130.5	2,478.4	234	347
07/23/24	9:16	22,104.9	2,475.5	93	0.0	0.0	22,104.9	2,475.5	235	347
07/23/24	9:17	22,101.0	2,475.1	93	0.0	0.0	22,101.0	2,475.1	234	346
07/23/24	9:18	22,105.5	2,475.6	93	0.0	0.0	22,105.5	2,475.6	234	346
07/23/24	9:19	22,108.7	2,476.0	93	0.0	0.0	22,108.7	2,476.0	234	347
07/23/24	9:20	22,128.2	2,478.1	93	0.0	0.0	22,128.2	2,478.1	234	346
07/23/24	9:21	22,048.3	2,469.2	93	0.0	0.0	22,048.3	2,469.2	233	346
07/23/24	9:22	22,115.1	2,476.7	93	0.0	0.0	22,115.1	2,476.7	234	347
07/23/24	9:23	22,092.5	2,474.1	93	0.0	0.0	22,092.5	2,474.1	234	346
07/23/24	9:24	22,079.4	2,472.7	93	0.0	0.0	22,079.4	2,472.7	234	346
07/23/24	9:25	22,086.4	2,473.5	93	0.0	0.0	22,086.4	2,473.5	234	346
07/23/24	9:26	22,025.6	2,466.7	93	0.0	0.0	22,025.6	2,466.7	234	346
07/23/24	9:27	22,040.9	2,468.4	93	0.0	0.0	22,040.9	2,468.4	233	345
07/23/24	9:28	22,077.8	2,472.5	93	0.0	0.0	22,077.8	2,472.5	234	346
07/23/24	9:29	22,065.1	2,471.1	93	0.0	0.0	22,065.1	2,471.1	233	345
07/23/24	9:30	22,111.7	2,476.3	93	0.0	0.0	22,111.7	2,476.3	234	346
07/23/24	9:31	22,108.7	2,476.0	93	0.0	0.0	22,108.7	2,476.0	234	346
07/23/24	9:32	22,034.7	2,467.7	93	0.0	0.0	22,034.7	2,467.7	233	345
07/23/24	9:33	22,119.6	2,477.2	93	0.0	0.0	22,119.6	2,477.2	234	346
07/23/24	9:34	22,068.2	2,471.4	93	0.0	0.0	22,068.2	2,471.4	233	345
07/23/24	9:35	22,034.5	2,467.6	93	0.0	0.0	22,034.5	2,467.6	233	345
07/23/24	9:36	22,027.5	2,466.9	93	0.0	0.0	22,027.5	2,466.9	233	345
07/23/24	9:37	21,984.2	2,462.0	93	0.0	0.0	21,984.2	2,462.0	233	345
07/23/24	9:38	21,973.8	2,460.9	93	0.0	0.0	21,973.8	2,460.9	233	345
07/23/24	9:39	21,995.3	2,463.3	93	0.0	0.0	21,995.3	2,463.3	233	345
07/23/24	9:40	22,016.4	2,465.6	93	0.0	0.0	22,016.4	2,465.6	234	345
07/23/24	9:41	22,030.2	2,467.2	93	0.0	0.0	22,030.2	2,467.2	233	345
07/23/24	9:42	22,016.1	2,465.6	93	0.0	0.0	22,016.1	2,465.6	232	344
07/23/24	9:43	21,971.3	2,460.6	93	0.0	0.0	21,971.3	2,460.6	232	344
07/23/24	9:44	21,925.2	2,455.4	93	0.0	0.0	21,925.2	2,455.4	232	344
07/23/24	9:45	21,964.2	2,459.8	93	0.0	0.0	21,964.2	2,459.8	232	344
07/23/24	9:46	21,995.4	2,463.3	93	0.0	0.0	21,995.4	2,463.3	232	344
07/23/24	9:47	21,976.8	2,461.2	93	0.0	0.0	21,976.8	2,461.2	233	344
07/23/24	9:48	21,963.6	2,459.7	93	0.0	0.0	21,963.6	2,459.7	232	344
07/23/24	9:49	21,931.6	2,456.1	93	0.0	0.0	21,931.6	2,456.1	232	344
07/23/24	9:50	22,012.4	2,465.2	93	0.0	0.0	22,012.4	2,465.2	233	345
07/23/24	9:51	21,990.4	2,462.7	93	0.0	0.0	21,990.4	2,462.7	233	344
07/23/24	9:52	22,025.8	2,466.7	93	0.0	0.0	22,025.8	2,466.7	233	344
07/23/24	9:53	21,980.5	2,461.6	93	0.0	0.0	21,980.5	2,461.6	233	344
07/23/24	9:54	22,014.0	2,465.4	93	0.0	0.0	22,014.0	2,465.4	233	344
07/23/24	9:55	22,001.2	2,463.9	93	0.0	0.0	22,001.2	2,463.9	233	344
07/23/24	9:56	22,001.8	2,464.0	93	0.0	0.0	22,001.8	2,464.0	233	345
07/23/24	9:57	22,026.1	2,466.7	93	0.0	0.0	22,026.1	2,466.7	233	345
07/23/24	9:58	21,970.4	2,460.5	93	0.0	0.0	21,970.4	2,460.5	233	344
07/23/24	9:59	22,019.2	2,465.9	93	0.0	0.0	22,019.2	2,465.9	233	344
07/23/24	10:00	21,974.7	2,460.9	93	0.0	0.0	21,974.7	2,460.9	233	344
07/23/24	10:01	22,052.8	2,469.7	93	0.0	0.0	22,052.8	2,469.7	234	345
07/23/24	10:02	21,955.1	2,458.8	93	0.0	0.0	21,955.1	2,458.8	233	344
07/23/24	10:03	21,959.7	2,459.3	93	0.0	0.0	21,959.7	2,459.3	233	344
07/23/24	10:04	22,009.9	2,464.9	93	0.0	0.0	22,009.9	2,464.9	233	344
Average										
Average		22,051.7	2,469.0	93	0.0	0.0	22,051.7	2,469.0	233	345
Minimum		21,925.2	2,455.4	93	0.0	0.0	21,925.2	2,455.4	232	344
Maximum		22,197.8	2,480.8	93	0.0	0.0	22,197.8	2,480.8	235	347
Summation		1,323,101.1	148,137.3	5,593	0.0	0.0	1,323,101.1	148,137.3	14,007	20,717
Included Data Points										
Included Data Points		60	60	60	60	60	60	60	60	60
Total Number of Data Points										
Total Number of Data Points		60	60	60	60	60	60	60	60	60

F = Unit Offline E = Exceedance C = Calibration S = Substituted U = Startup
I = Invalid M = Maintentance T = Out Of Control * = Suspect D = Shutdown

Unit 2 H2SO4 Performance Test - Run 2

Run 2

Plant: Covert Generating Station
Interval: 1 Minute Type: Block
Report Period: 07/23/2024 11:45 Through 07/23/2024 12:44
Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT02								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/23/24 11:45	21,816.2	2,444.4	93	0.0	0.0	21,816.2	2,444.4	232	342
07/23/24 11:46	21,802.6	2,442.9	93	0.0	0.0	21,802.6	2,442.9	232	342
07/23/24 11:47	21,828.7	2,445.8	93	0.0	0.0	21,828.7	2,445.8	232	342
07/23/24 11:48	21,890.8	2,452.8	93	0.0	0.0	21,890.8	2,452.8	233	343
07/23/24 11:49	21,910.8	2,455.0	93	0.0	0.0	21,910.8	2,455.0	233	343
07/23/24 11:50	21,873.8	2,450.9	93	0.0	0.0	21,873.8	2,450.9	233	343
07/23/24 11:51	21,944.3	2,458.8	93	0.0	0.0	21,944.3	2,458.8	233	343
07/23/24 11:52	21,862.1	2,449.6	93	0.0	0.0	21,862.1	2,449.6	232	342
07/23/24 11:53	21,817.5	2,444.6	93	0.0	0.0	21,817.5	2,444.6	232	343
07/23/24 11:54	21,816.6	2,444.5	93	0.0	0.0	21,816.6	2,444.5	232	342
07/23/24 11:55	21,827.9	2,445.7	93	0.0	0.0	21,827.9	2,445.7	232	342
07/23/24 11:56	21,853.1	2,448.5	93	0.0	0.0	21,853.1	2,448.5	232	342
07/23/24 11:57	21,881.2	2,451.7	93	0.0	0.0	21,881.2	2,451.7	232	343
07/23/24 11:58	21,806.4	2,443.3	93	0.0	0.0	21,806.4	2,443.3	232	342
07/23/24 11:59	21,866.3	2,450.0	93	0.0	0.0	21,866.3	2,450.0	232	342
07/23/24 12:00	21,879.9	2,451.6	93	0.0	0.0	21,879.9	2,451.6	232	343
07/23/24 12:01	21,714.7	2,433.0	93	0.0	0.0	21,714.7	2,433.0	231	341
07/23/24 12:02	21,794.5	2,442.0	93	0.0	0.0	21,794.5	2,442.0	232	342
07/23/24 12:03	21,882.0	2,451.8	93	0.0	0.0	21,882.0	2,451.8	232	342
07/23/24 12:04	21,834.1	2,446.4	93	0.0	0.0	21,834.1	2,446.4	232	342
07/23/24 12:05	21,910.7	2,455.0	93	0.0	0.0	21,910.7	2,455.0	233	343
07/23/24 12:06	21,907.4	2,454.6	93	0.0	0.0	21,907.4	2,454.6	233	343
07/23/24 12:07	21,765.9	2,438.8	93	0.0	0.0	21,765.9	2,438.8	232	342
07/23/24 12:08	21,873.4	2,450.8	93	0.0	0.0	21,873.4	2,450.8	233	343
07/23/24 12:09	21,830.5	2,446.0	93	0.0	0.0	21,830.5	2,446.0	232	342
07/23/24 12:10	21,885.1	2,452.1	93	0.0	0.0	21,885.1	2,452.1	233	343
07/23/24 12:11	21,881.9	2,454.7	93	0.0	0.0	21,881.9	2,454.7	232	342
07/23/24 12:12	21,781.3	2,444.0	93	0.0	0.0	21,781.3	2,444.0	232	342
07/23/24 12:13	21,845.9	2,451.2	93	0.0	0.0	21,845.9	2,451.2	232	343
07/23/24 12:14	21,812.6	2,447.5	93	0.0	0.0	21,812.6	2,447.5	232	342
07/23/24 12:15	21,815.3	2,447.8	93	0.0	0.0	21,815.3	2,447.8	232	342
07/23/24 12:16	21,779.1	2,443.7	93	0.0	0.0	21,779.1	2,443.7	231	341
07/23/24 12:17	21,818.6	2,448.1	93	0.0	0.0	21,818.6	2,448.1	232	342
07/23/24 12:18	21,764.8	2,442.1	93	0.0	0.0	21,764.8	2,442.1	231	341
07/23/24 12:19	21,809.8	2,447.2	93	0.0	0.0	21,809.8	2,447.2	232	342
07/23/24 12:20	21,727.4	2,437.9	93	0.0	0.0	21,727.4	2,437.9	231	341
07/23/24 12:21	21,705.4	2,435.4	93	0.0	0.0	21,705.4	2,435.4	231	341
07/23/24 12:22	21,771.7	2,442.9	93	0.0	0.0	21,771.7	2,442.9	232	342
07/23/24 12:23	21,713.8	2,436.4	93	0.0	0.0	21,713.8	2,436.4	231	341
07/23/24 12:24	21,822.9	2,448.6	93	0.0	0.0	21,822.9	2,448.6	232	342
07/23/24 12:25	21,842.8	2,450.9	93	0.0	0.0	21,842.8	2,450.9	232	342
07/23/24 12:26	21,726.1	2,437.8	93	0.0	0.0	21,726.1	2,437.8	231	341
07/23/24 12:27	21,791.5	2,445.1	93	0.0	0.0	21,791.5	2,445.1	232	342
07/23/24 12:28	21,756.1	2,441.1	93	0.0	0.0	21,756.1	2,441.1	232	342
07/23/24 12:29	21,888.6	2,456.0	93	0.0	0.0	21,888.6	2,456.0	233	343
07/23/24 12:30	21,793.2	2,445.3	93	0.0	0.0	21,793.2	2,445.3	232	342
07/23/24 12:31	21,859.7	2,452.8	93	0.0	0.0	21,859.7	2,452.8	232	342
07/23/24 12:32	21,718.6	2,436.9	93	0.0	0.0	21,718.6	2,436.9	230	340
07/23/24 12:33	21,751.5	2,440.6	93	0.0	0.0	21,751.5	2,440.6	231	341
07/23/24 12:34	21,800.9	2,446.2	93	0.0	0.0	21,800.9	2,446.2	232	342
07/23/24 12:35	21,810.8	2,447.3	93	0.0	0.0	21,810.8	2,447.3	232	342
07/23/24 12:36	21,765.2	2,442.2	93	0.0	0.0	21,765.2	2,442.2	232	342
07/23/24 12:37	21,760.6	2,441.6	93	0.0	0.0	21,760.6	2,441.6	232	341
07/23/24 12:38	21,755.9	2,441.1	93	0.0	0.0	21,755.9	2,441.1	231	341
07/23/24 12:39	21,657.4	2,430.1	93	0.0	0.0	21,657.4	2,430.1	230	340
07/23/24 12:40	21,762.1	2,441.8	93	0.0	0.0	21,762.1	2,441.8	231	341
07/23/24 12:41	21,747.8	2,440.2	93	0.0	0.0	21,747.8	2,440.2	231	341
07/23/24 12:42	21,776.6	2,443.4	93	0.0	0.0	21,776.6	2,443.4	232	342
07/23/24 12:43	21,813.7	2,447.6	93	0.0	0.0	21,813.7	2,447.6	232	342
07/23/24 12:44	21,678.2	2,432.4	93	0.0	0.0	21,678.2	2,432.4	231	341
Average	21,809.7	2,445.6	93	0.0	0.0	21,809.7	2,445.6	232	342
Minimum	21,657.4	2,430.1	93	0.0	0.0	21,657.4	2,430.1	230	340
Maximum	21,944.3	2,458.8	93	0.0	0.0	21,944.3	2,458.8	233	343
Summation	1,308,584.6	146,738.4	5,593	0.0	0.0	1,308,584.6	146,738.4	13,911	20,515
Included Data Points	60	60	60	60	60	60	60	60	60
Total Number of Data Points	60	60	60	60	60	60	60	60	60

F = Unit Offline E = Exceedance C = Calibration S = Substituted U - Startup
I = Invalid M = Maintenance T = Out Of Control * = Suspect D - Shutdown

Unit 2 H2SO4 Performance Test - Run 3

Run 3

Plant: Covert Generating Station
Interval: 1 Minute Type: Block
Report Period: 07/23/2024 15:15 Through 07/23/2024 16:14
Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT02								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/23/24 15:15	21,385.6	2,405.2	93	0.0	0.0	21,385.6	2,405.2	229	339
07/23/24 15:16	21,424.0	2,409.5	93	0.0	0.0	21,424.0	2,409.5	229	339
07/23/24 15:17	21,369.6	2,403.4	93	0.0	0.0	21,369.6	2,403.4	229	339
07/23/24 15:18	21,365.3	2,402.9	93	0.0	0.0	21,365.3	2,402.9	229	339
07/23/24 15:19	21,377.0	2,404.2	93	0.0	0.0	21,377.0	2,404.2	229	339
07/23/24 15:20	21,340.7	2,400.1	93	0.0	0.0	21,340.7	2,400.1	229	339
07/23/24 15:21	21,336.1	2,399.6	93	0.0	0.0	21,336.1	2,399.6	229	339
07/23/24 15:22	21,292.8	2,394.7	93	0.0	0.0	21,292.8	2,394.7	229	338
07/23/24 15:23	21,382.3	2,404.8	93	0.0	0.0	21,382.3	2,404.8	229	339
07/23/24 15:24	21,356.3	2,401.9	93	0.0	0.0	21,356.3	2,401.9	229	338
07/23/24 15:25	21,367.3	2,403.1	93	0.0	0.0	21,367.3	2,403.1	229	339
07/23/24 15:26	21,328.8	2,398.8	93	0.0	0.0	21,328.8	2,398.8	229	338
07/23/24 15:27	21,360.8	2,402.4	93	0.0	0.0	21,360.8	2,402.4	229	339
07/23/24 15:28	21,289.6	2,394.4	93	0.0	0.0	21,289.6	2,394.4	229	338
07/23/24 15:29	21,296.1	2,395.1	93	0.0	0.0	21,296.1	2,395.1	229	338
07/23/24 15:30	21,320.7	2,397.9	93	0.0	0.0	21,320.7	2,397.9	229	339
07/23/24 15:31	21,338.9	2,399.9	93	0.0	0.0	21,338.9	2,399.9	229	339
07/23/24 15:32	21,308.2	2,396.5	93	0.0	0.0	21,308.2	2,396.5	229	339
07/23/24 15:33	21,294.6	2,394.9	93	0.0	0.0	21,294.6	2,394.9	229	339
07/23/24 15:34	21,326.1	2,398.5	93	0.0	0.0	21,326.1	2,398.5	229	339
07/23/24 15:35	21,278.0	2,393.1	93	0.0	0.0	21,278.0	2,393.1	229	338
07/23/24 15:36	21,262.7	2,391.4	93	0.0	0.0	21,262.7	2,391.4	229	338
07/23/24 15:37	21,286.1	2,394.0	93	0.0	0.0	21,286.1	2,394.0	229	339
07/23/24 15:38	21,290.0	2,394.4	93	0.0	0.0	21,290.0	2,394.4	229	338
07/23/24 15:39	21,262.9	2,391.4	93	0.0	0.0	21,262.9	2,391.4	228	338
07/23/24 15:40	21,264.9	2,391.6	93	0.0	0.0	21,264.9	2,391.6	229	338
07/23/24 15:41	21,205.7	2,384.9	93	0.0	0.0	21,205.7	2,384.9	228	337
07/23/24 15:42	21,263.8	2,391.5	93	0.0	0.0	21,263.8	2,391.5	229	338
07/23/24 15:43	21,238.9	2,388.7	93	0.0	0.0	21,238.9	2,388.7	228	338
07/23/24 15:44	21,267.5	2,391.9	93	0.0	0.0	21,267.5	2,391.9	228	338
07/23/24 15:45	21,242.5	2,389.1	93	0.0	0.0	21,242.5	2,389.1	229	338
07/23/24 15:46	21,250.3	2,390.0	93	0.0	0.0	21,250.3	2,390.0	228	338
07/23/24 15:47	21,235.5	2,388.3	93	0.0	0.0	21,235.5	2,388.3	229	338
07/23/24 15:48	21,267.8	2,391.9	93	0.0	0.0	21,267.8	2,391.9	229	338
07/23/24 15:49	21,218.4	2,386.4	93	0.0	0.0	21,218.4	2,386.4	228	338
07/23/24 15:50	21,341.4	2,400.2	93	0.0	0.0	21,341.4	2,400.2	229	339
07/23/24 15:51	21,258.7	2,390.9	93	0.0	0.0	21,258.7	2,390.9	229	339
07/23/24 15:52	21,246.0	2,389.5	93	0.0	0.0	21,246.0	2,389.5	228	338
07/23/24 15:53	21,256.4	2,390.6	93	0.0	0.0	21,256.4	2,390.6	229	338
07/23/24 15:54	21,291.1	2,394.5	93	0.0	0.0	21,291.1	2,394.5	229	338
07/23/24 15:55	21,272.9	2,392.5	93	0.0	0.0	21,272.9	2,392.5	229	339
07/23/24 15:56	21,282.2	2,393.5	93	0.0	0.0	21,282.2	2,393.5	229	338
07/23/24 15:57	21,248.7	2,389.8	93	0.0	0.0	21,248.7	2,389.8	229	338
07/23/24 15:58	21,244.7	2,389.3	93	0.0	0.0	21,244.7	2,389.3	229	338
07/23/24 15:59	21,257.9	2,390.8	93	0.0	0.0	21,257.9	2,390.8	229	338
07/23/24 16:00	21,280.6	2,393.4	93	0.0	0.0	21,280.6	2,393.4	229	339
07/23/24 16:01	21,262.1	2,391.3	93	0.0	0.0	21,262.1	2,391.3	229	338
07/23/24 16:02	21,307.6	2,396.4	93	0.0	0.0	21,307.6	2,396.4	229	338
07/23/24 16:03	21,270.2	2,392.2	93	0.0	0.0	21,270.2	2,392.2	229	338
07/23/24 16:04	21,286.3	2,394.0	93	0.0	0.0	21,286.3	2,394.0	229	338
07/23/24 16:05	21,251.1	2,390.0	93	0.0	0.0	21,251.1	2,390.0	229	338
07/23/24 16:06	21,277.9	2,393.1	93	0.0	0.0	21,277.9	2,393.1	229	338
07/23/24 16:07	21,236.0	2,388.3	93	0.0	0.0	21,236.0	2,388.3	229	338
07/23/24 16:08	21,256.5	2,390.7	93	0.0	0.0	21,256.5	2,390.7	229	338
07/23/24 16:09	21,256.7	2,390.7	93	0.0	0.0	21,256.7	2,390.7	229	338
07/23/24 16:10	21,257.4	2,390.8	93	0.0	0.0	21,257.4	2,390.8	229	338
07/23/24 16:11	21,232.4	2,388.0	93	0.0	0.0	21,232.4	2,388.0	229	338
07/23/24 16:12	21,145.2	2,378.2	93	0.0	0.0	21,145.2	2,378.2	228	337
07/23/24 16:13	21,233.5	2,388.1	93	0.0	0.0	21,233.5	2,388.1	229	338
07/23/24 16:14	21,233.3	2,388.1	93	0.0	0.0	21,233.3	2,388.1	228	338
Average	21,286.4	2,394.0	93	0.0	0.0	21,286.4	2,394.0	229	338
Minimum	21,145.2	2,378.2	93	0.0	0.0	21,145.2	2,378.2	228	337
Maximum	21,424.0	2,409.5	93	0.0	0.0	21,424.0	2,409.5	229	339
Summation	1,277,182.6	143,641.1	5,580	0.0	0.0	1,277,182.6	143,641.1	13,726	20,298
Included Data Points	60	60	60	60	60	60	60	60	60
Total Number of Data Points	60	60	60	60	60	60	60	60	60

F = Unit Offline E = Exceedance C = Calibration S = Substituted U = Startup
I = Invalid M = Maintenance T = Out Of Control * = Suspect D = Shutdown

Unit 2 PM Performance Test (2-Hr Run) - Run 1

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 07/23/2024 08:40 Through 07/23/2024 10:49

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT02							
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	TOTLOAD (MW)
07/23/24	8:40	22,312.9	2,493.6	93	0.0	0.0	22,312.9	2,493.6	236
07/23/24	8:41	22,330.2	2,495.6	93	0.0	0.0	22,330.2	2,495.6	237
07/23/24	8:42	22,347.0	2,497.4	93	0.0	0.0	22,347.0	2,497.4	236
07/23/24	8:43	22,256.0	2,487.3	93	0.0	0.0	22,256.0	2,487.3	236
07/23/24	8:44	22,328.7	2,495.4	93	0.0	0.0	22,328.7	2,495.4	236
07/23/24	8:45	22,286.3	2,490.7	93	0.0	0.0	22,286.3	2,490.7	236
07/23/24	8:46	22,276.6	2,489.6	93	0.0	0.0	22,276.6	2,489.6	236
07/23/24	8:47	22,285.7	2,490.6	93	0.0	0.0	22,285.7	2,490.6	236
07/23/24	8:48	22,202.0	2,481.2	93	0.0	0.0	22,202.0	2,481.2	236
07/23/24	8:49	22,197.3	2,480.7	93	0.0	0.0	22,197.3	2,480.7	236
07/23/24	8:50	22,165.4	2,477.2	93	0.0	0.0	22,165.4	2,477.2	235
07/23/24	8:51	22,179.1	2,478.7	93	0.0	0.0	22,179.1	2,478.7	235
07/23/24	8:52	22,236.5	2,485.1	93	0.0	0.0	22,236.5	2,485.1	235
07/23/24	8:53	22,207.3	2,481.8	93	0.0	0.0	22,207.3	2,481.8	235
07/23/24	8:54	22,152.6	2,475.7	93	0.0	0.0	22,152.6	2,475.7	235
07/23/24	8:55	22,187.1	2,479.6	93	0.0	0.0	22,187.1	2,479.6	235
07/23/24	8:56	22,191.7	2,480.1	93	0.0	0.0	22,191.7	2,480.1	235
07/23/24	8:57	22,194.6	2,480.4	93	0.0	0.0	22,194.6	2,480.4	235
07/23/24	8:58	22,164.7	2,477.1	93	0.0	0.0	22,164.7	2,477.1	235
07/23/24	8:59	22,147.4	2,475.1	93	0.0	0.0	22,147.4	2,475.1	235
07/23/24	9:00	22,141.6	2,474.5	93	0.0	0.0	22,141.6	2,474.5	235
07/23/24	9:01	22,178.2	2,478.6	93	0.0	0.0	22,178.2	2,478.6	235
07/23/24	9:02	22,171.3	2,477.8	93	0.0	0.0	22,171.3	2,477.8	235
07/23/24	9:03	22,131.5	2,473.4	93	0.0	0.0	22,131.5	2,473.4	234
07/23/24	9:04	22,186.4	2,479.5	93	0.0	0.0	22,186.4	2,479.5	235
07/23/24	9:05	22,197.8	2,480.8	93	0.0	0.0	22,197.8	2,480.8	235
07/23/24	9:06	22,164.3	2,477.0	93	0.0	0.0	22,164.3	2,477.0	234
07/23/24	9:07	22,150.2	2,475.4	93	0.0	0.0	22,150.2	2,475.4	234
07/23/24	9:08	22,109.1	2,470.9	93	0.0	0.0	22,109.1	2,470.9	234
07/23/24	9:09	22,186.0	2,479.5	93	0.0	0.0	22,186.0	2,479.5	235
07/23/24	9:10	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	9:11	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	9:12	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	9:13	22,142.6	2,479.8	93	0.0	0.0	22,142.6	2,479.8	234
07/23/24	9:14	22,102.9	2,475.3	93	0.0	0.0	22,102.9	2,475.3	234
07/23/24	9:15	22,130.5	2,478.4	93	0.0	0.0	22,130.5	2,478.4	234
07/23/24	9:16	22,104.9	2,475.5	93	0.0	0.0	22,104.9	2,475.5	235
07/23/24	9:17	22,101.0	2,475.1	93	0.0	0.0	22,101.0	2,475.1	234
07/23/24	9:18	22,105.5	2,475.6	93	0.0	0.0	22,105.5	2,475.6	234
07/23/24	9:19	22,108.7	2,476.0	93	0.0	0.0	22,108.7	2,476.0	234
07/23/24	9:20	22,128.2	2,478.1	93	0.0	0.0	22,128.2	2,478.1	234
07/23/24	9:21	22,048.3	2,469.2	93	0.0	0.0	22,048.3	2,469.2	233
07/23/24	9:22	22,115.1	2,476.7	93	0.0	0.0	22,115.1	2,476.7	234
07/23/24	9:23	22,092.5	2,474.1	93	0.0	0.0	22,092.5	2,474.1	234
07/23/24	9:24	22,079.4	2,472.7	93	0.0	0.0	22,079.4	2,472.7	234
07/23/24	9:25	22,086.4	2,473.5	93	0.0	0.0	22,086.4	2,473.5	234
07/23/24	9:26	22,025.6	2,466.7	93	0.0	0.0	22,025.6	2,466.7	234
07/23/24	9:27	22,040.9	2,468.4	93	0.0	0.0	22,040.9	2,468.4	233
07/23/24	9:28	22,077.8	2,472.5	93	0.0	0.0	22,077.8	2,472.5	234
07/23/24	9:29	22,065.1	2,471.1	93	0.0	0.0	22,065.1	2,471.1	233
07/23/24	9:30	22,111.7	2,476.3	93	0.0	0.0	22,111.7	2,476.3	234
07/23/24	9:31	22,108.7	2,476.0	93	0.0	0.0	22,108.7	2,476.0	234
07/23/24	9:32	22,034.7	2,467.7	93	0.0	0.0	22,034.7	2,467.7	233
07/23/24	9:33	22,119.6	2,477.2	93	0.0	0.0	22,119.6	2,477.2	234
07/23/24	9:34	22,068.2	2,471.4	93	0.0	0.0	22,068.2	2,471.4	233
07/23/24	9:35	22,034.5	2,467.6	93	0.0	0.0	22,034.5	2,467.6	233
07/23/24	9:36	22,027.5	2,466.9	93	0.0	0.0	22,027.5	2,466.9	233
07/23/24	9:37	21,984.2	2,462.0	93	0.0	0.0	21,984.2	2,462.0	233
07/23/24	9:38	21,973.8	2,460.9	93	0.0	0.0	21,973.8	2,460.9	233
07/23/24	9:39	21,995.3	2,463.3	93	0.0	0.0	21,995.3	2,463.3	233
07/23/24	9:40	22,016.4	2,465.6	93	0.0	0.0	22,016.4	2,465.6	234
07/23/24	9:41	22,030.2	2,467.2	93	0.0	0.0	22,030.2	2,467.2	233

07/23/24	9:42	22,016.1	2,465.6	93	0.0	0.0	22,016.1	2,465.6	232	344
07/23/24	9:43	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	9:44	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	9:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	9:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	9:47	21,976.8	2,461.2	93	0.0	0.0	21,976.8	2,461.2	233	344
07/23/24	9:48	21,963.6	2,459.7	93	0.0	0.0	21,963.6	2,459.7	232	344
07/23/24	9:49	21,931.6	2,456.1	93	0.0	0.0	21,931.6	2,456.1	232	344
07/23/24	9:50	22,012.4	2,465.2	93	0.0	0.0	22,012.4	2,465.2	233	345
07/23/24	9:51	21,990.4	2,462.7	93	0.0	0.0	21,990.4	2,462.7	233	344
07/23/24	9:52	22,025.8	2,466.7	93	0.0	0.0	22,025.8	2,466.7	233	344
07/23/24	9:53	21,980.5	2,461.6	93	0.0	0.0	21,980.5	2,461.6	233	344
07/23/24	9:54	22,014.0	2,465.4	93	0.0	0.0	22,014.0	2,465.4	233	344
07/23/24	9:55	22,001.2	2,463.9	93	0.0	0.0	22,001.2	2,463.9	233	344
07/23/24	9:56	22,001.8	2,464.0	93	0.0	0.0	22,001.8	2,464.0	233	345
07/23/24	9:57	22,026.1	2,466.7	93	0.0	0.0	22,026.1	2,466.7	233	345
07/23/24	9:58	21,970.4	2,460.5	93	0.0	0.0	21,970.4	2,460.5	233	344
07/23/24	9:59	22,019.2	2,465.9	93	0.0	0.0	22,019.2	2,465.9	233	344
07/23/24	10:00	21,974.7	2,460.9	93	0.0	0.0	21,974.7	2,460.9	233	344
07/23/24	10:01	22,052.8	2,469.7	93	0.0	0.0	22,052.8	2,469.7	234	345
07/23/24	10:02	21,955.1	2,458.8	93	0.0	0.0	21,955.1	2,458.8	233	344
07/23/24	10:03	21,959.7	2,459.3	93	0.0	0.0	21,959.7	2,459.3	233	344
07/23/24	10:04	22,009.9	2,464.9	93	0.0	0.0	22,009.9	2,464.9	233	344
07/23/24	10:05	22,021.2	2,466.2	93	0.0	0.0	22,021.2	2,466.2	234	345
07/23/24	10:06	21,991.1	2,462.8	93	0.0	0.0	21,991.1	2,462.8	233	344
07/23/24	10:07	22,011.5	2,465.1	93	0.0	0.0	22,011.5	2,465.1	233	344
07/23/24	10:08	22,051.9	2,469.6	93	0.0	0.0	22,051.9	2,469.6	234	345
07/23/24	10:09	22,003.1	2,464.1	93	0.0	0.0	22,003.1	2,464.1	233	344
07/23/24	10:10	22,047.5	2,469.1	93	0.0	0.0	22,047.5	2,469.1	233	345
07/23/24	10:11	22,013.7	2,466.7	93	0.0	0.0	22,013.7	2,466.7	233	344
07/23/24	10:12	21,985.0	2,463.7	93	0.0	0.0	21,985.0	2,463.7	233	344
07/23/24	10:13	21,911.0	2,455.4	93	0.0	0.0	21,911.0	2,455.4	232	344
07/23/24	10:14	21,944.3	2,459.2	93	0.0	0.0	21,944.3	2,459.2	233	344
07/23/24	10:15	22,030.4	2,468.8	93	0.0	0.0	22,030.4	2,468.8	233	344
07/23/24	10:16	22,021.7	2,467.8	93	0.0	0.0	22,021.7	2,467.8	233	345
07/23/24	10:17	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	10:18	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	10:19	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	10:20	22,003.8	2,465.8	93	0.0	0.0	22,003.8	2,465.8	233	344
07/23/24	10:21	22,014.3	2,467.0	93	0.0	0.0	22,014.3	2,467.0	233	344
07/23/24	10:22	22,068.9	2,473.1	93	0.0	0.0	22,068.9	2,473.1	234	345
07/23/24	10:23	22,011.8	2,466.7	93	0.0	0.0	22,011.8	2,466.7	233	345
07/23/24	10:24	21,963.2	2,461.3	93	0.0	0.0	21,963.2	2,461.3	233	344
07/23/24	10:25	22,003.4	2,465.8	93	0.0	0.0	22,003.4	2,465.8	233	344
07/23/24	10:26	21,998.5	2,465.2	93	0.0	0.0	21,998.5	2,465.2	233	344
07/23/24	10:27	22,025.3	2,468.2	93	0.0	0.0	22,025.3	2,468.2	233	344
07/23/24	10:28	21,937.4	2,458.4	93	0.0	0.0	21,937.4	2,458.4	232	343
07/23/24	10:29	21,947.6	2,459.5	93	0.0	0.0	21,947.6	2,459.5	232	343
07/23/24	10:30	21,913.8	2,455.7	93	0.0	0.0	21,913.8	2,455.7	232	343
07/23/24	10:31	21,897.4	2,453.9	93	0.0	0.0	21,897.4	2,453.9	232	343
07/23/24	10:32	21,952.3	2,460.1	93	0.0	0.0	21,952.3	2,460.1	233	344
07/23/24	10:33	21,883.0	2,452.3	93	0.0	0.0	21,883.0	2,452.3	232	343
07/23/24	10:34	21,902.4	2,454.5	93	0.0	0.0	21,902.4	2,454.5	232	343
07/23/24	10:35	21,893.1	2,453.4	93	0.0	0.0	21,893.1	2,453.4	232	343
07/23/24	10:36	21,943.5	2,459.1	93	0.0	0.0	21,943.5	2,459.1	233	343
07/23/24	10:37	21,975.0	2,462.6	93	0.0	0.0	21,975.0	2,462.6	233	344
07/23/24	10:38	21,959.6	2,460.9	93	0.0	0.0	21,959.6	2,460.9	233	343
07/23/24	10:39	21,930.2	2,457.6	93	0.0	0.0	21,930.2	2,457.6	233	344
07/23/24	10:40	21,962.9	2,461.2	93	0.0	0.0	21,962.9	2,461.2	233	343
07/23/24	10:41	21,930.1	2,457.6	93	0.0	0.0	21,930.1	2,457.6	233	344
07/23/24	10:42	21,925.6	2,457.1	93	0.0	0.0	21,925.6	2,457.1	232	343
07/23/24	10:43	21,929.5	2,457.5	93	0.0	0.0	21,929.5	2,457.5	233	343
07/23/24	10:44	21,943.7	2,459.1	93	0.0	0.0	21,943.7	2,459.1	233	343
07/23/24	10:45	21,862.7	2,450.0	93	0.0	0.0	21,862.7	2,450.0	232	343
07/23/24	10:46	21,822.5	2,445.5	93	0.0	0.0	21,822.5	2,445.5	231	342
07/23/24	10:47	21,834.1	2,446.8	93	0.0	0.0	21,834.1	2,446.8	232	342
07/23/24	10:48	21,865.1	2,450.3	93	0.0	0.0	21,865.1	2,450.3	232	342
07/23/24	10:49	21,907.0	2,455.0	93	0.0	0.0	21,907.0	2,455.0	232	343

Average	22,053.7	2,469.0	93	0.0	0.0	22,053.7	2,469.0	234	345
Minimum	21,822.5	2,445.5	93	0.0	0.0	21,822.5	2,445.5	231	342
Maximum	22,347.0	2,497.4	93	0.0	0.0	22,347.0	2,497.4	237	349
Summation	2,646,448.2	296,279.1	11,185	0.0	0.0	2,646,448.2	296,279.1	28,032	41,436
Included Data Points	120	120	120	120	120	120	120	120	120
Total Number of Data Points	130	130	130	130	130	130	130	130	130

F = Unit Offline

I = Invalid

E = Exceedance

M = Maintetance

C = Calibration

T = Out Of Control

S = Substituted

*** = Suspect**

U - Startup

D - Shutdown

Unit 2 PM Performance Test (2-Hr Run) - Run 2

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 07/23/2024 11:45 Through 07/23/2024 14:37

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT02								
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/23/24	11:45	21,816.2	2,444.4	93	0.0	0.0	21,816.2	2,444.4	232	342
07/23/24	11:46	21,802.6	2,442.9	93	0.0	0.0	21,802.6	2,442.9	232	342
07/23/24	11:47	21,828.7	2,445.8	93	0.0	0.0	21,828.7	2,445.8	232	342
07/23/24	11:48	21,890.8	2,452.8	93	0.0	0.0	21,890.8	2,452.8	233	343
07/23/24	11:49	21,910.8	2,455.0	93	0.0	0.0	21,910.8	2,455.0	233	343
07/23/24	11:50	21,873.8	2,450.9	93	0.0	0.0	21,873.8	2,450.9	233	343
07/23/24	11:51	21,944.3	2,458.8	93	0.0	0.0	21,944.3	2,458.8	233	343
07/23/24	11:52	21,862.1	2,449.6	93	0.0	0.0	21,862.1	2,449.6	232	342
07/23/24	11:53	21,817.5	2,444.6	93	0.0	0.0	21,817.5	2,444.6	232	343
07/23/24	11:54	21,816.6	2,444.5	93	0.0	0.0	21,816.6	2,444.5	232	342
07/23/24	11:55	21,827.9	2,445.7	93	0.0	0.0	21,827.9	2,445.7	232	342
07/23/24	11:56	21,853.1	2,448.5	93	0.0	0.0	21,853.1	2,448.5	232	342
07/23/24	11:57	21,881.2	2,451.7	93	0.0	0.0	21,881.2	2,451.7	232	343
07/23/24	11:58	21,806.4	2,443.3	93	0.0	0.0	21,806.4	2,443.3	232	342
07/23/24	11:59	21,866.3	2,450.0	93	0.0	0.0	21,866.3	2,450.0	232	342
07/23/24	12:00	21,879.9	2,451.6	93	0.0	0.0	21,879.9	2,451.6	232	343
07/23/24	12:01	21,714.7	2,433.0	93	0.0	0.0	21,714.7	2,433.0	231	341
07/23/24	12:02	21,794.5	2,442.0	93	0.0	0.0	21,794.5	2,442.0	232	342
07/23/24	12:03	21,882.0	2,451.8	93	0.0	0.0	21,882.0	2,451.8	232	342
07/23/24	12:04	21,834.1	2,446.4	93	0.0	0.0	21,834.1	2,446.4	232	342
07/23/24	12:05	21,910.7	2,455.0	93	0.0	0.0	21,910.7	2,455.0	233	343
07/23/24	12:06	21,907.4	2,454.6	93	0.0	0.0	21,907.4	2,454.6	233	343
07/23/24	12:07	21,765.9	2,438.8	93	0.0	0.0	21,765.9	2,438.8	232	342
07/23/24	12:08	21,873.4	2,450.8	93	0.0	0.0	21,873.4	2,450.8	233	343
07/23/24	12:09	21,830.5	2,446.0	93	0.0	0.0	21,830.5	2,446.0	232	342
07/23/24	12:10	21,885.1	2,452.1	93	0.0	0.0	21,885.1	2,452.1	233	343
07/23/24	12:11	21,881.9	2,454.7	93	0.0	0.0	21,881.9	2,454.7	232	342
07/23/24	12:12	21,781.3	2,444.0	93	0.0	0.0	21,781.3	2,444.0	232	342
07/23/24	12:13	21,845.9	2,451.2	93	0.0	0.0	21,845.9	2,451.2	232	343
07/23/24	12:14	21,812.6	2,447.5	93	0.0	0.0	21,812.6	2,447.5	232	342
07/23/24	12:15	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:16	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:17	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:18	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	12:19	21,809.8	2,447.2	93	0.0	0.0	21,809.8	2,447.2	232	342
07/23/24	12:20	21,727.4	2,437.9	93	0.0	0.0	21,727.4	2,437.9	231	341
07/23/24	12:21	21,705.4	2,435.4	93	0.0	0.0	21,705.4	2,435.4	231	341
07/23/24	12:22	21,771.7	2,442.9	93	0.0	0.0	21,771.7	2,442.9	232	342
07/23/24	12:23	21,713.8	2,436.4	93	0.0	0.0	21,713.8	2,436.4	231	341
07/23/24	12:24	21,822.9	2,448.6	93	0.0	0.0	21,822.9	2,448.6	232	342
07/23/24	12:25	21,842.8	2,450.9	93	0.0	0.0	21,842.8	2,450.9	232	342
07/23/24	12:26	21,726.1	2,437.8	93	0.0	0.0	21,726.1	2,437.8	231	341
07/23/24	12:27	21,791.5	2,445.1	93	0.0	0.0	21,791.5	2,445.1	232	342
07/23/24	12:28	21,756.1	2,441.1	93	0.0	0.0	21,756.1	2,441.1	232	342
07/23/24	12:29	21,888.6	2,456.0	93	0.0	0.0	21,888.6	2,456.0	233	343
07/23/24	12:30	21,793.2	2,445.3	93	0.0	0.0	21,793.2	2,445.3	232	342
07/23/24	12:31	21,859.7	2,452.8	93	0.0	0.0	21,859.7	2,452.8	232	342
07/23/24	12:32	21,718.6	2,436.9	93	0.0	0.0	21,718.6	2,436.9	230	340
07/23/24	12:33	21,751.5	2,440.6	93	0.0	0.0	21,751.5	2,440.6	231	341
07/23/24	12:34	21,800.9	2,446.2	93	0.0	0.0	21,800.9	2,446.2	232	342
07/23/24	12:35	21,810.8	2,447.3	93	0.0	0.0	21,810.8	2,447.3	232	342
07/23/24	12:36	21,765.2	2,442.2	93	0.0	0.0	21,765.2	2,442.2	232	342
07/23/24	12:37	21,760.6	2,441.6	93	0.0	0.0	21,760.6	2,441.6	232	341
07/23/24	12:38	21,755.9	2,441.1	93	0.0	0.0	21,755.9	2,441.1	231	341
07/23/24	12:39	21,657.4	2,430.1	93	0.0	0.0	21,657.4	2,430.1	230	340
07/23/24	12:40	21,762.1	2,441.8	93	0.0	0.0	21,762.1	2,441.8	231	341
07/23/24	12:41	21,747.8	2,440.2	93	0.0	0.0	21,747.8	2,440.2	231	341
07/23/24	12:42	21,776.6	2,443.4	93	0.0	0.0	21,776.6	2,443.4	232	342
07/23/24	12:43	21,813.7	2,447.6	93	0.0	0.0	21,813.7	2,447.6	232	342
07/23/24	12:44	21,678.2	2,432.4	93	0.0	0.0	21,678.2	2,432.4	231	341
07/23/24	12:45	21,748.5	2,440.3	93	0.0	0.0	21,748.5	2,440.3	232	342
07/23/24	12:46	21,724.7	2,437.6	93	0.0	0.0	21,724.7	2,437.6	232	342

07/23/24	13:58	21,707.9	2,437.5	93	0.0	0.0	21,707.9	2,437.5	231	341
07/23/24	13:59	21,583.3	2,423.5	93	0.0	0.0	21,583.3	2,423.5	230	340
07/23/24	14:00	21,639.3	2,429.8	93	0.0	0.0	21,639.3	2,429.8	231	341
07/23/24	14:01	21,606.4	2,426.1	93	0.0	0.0	21,606.4	2,426.1	230	340
07/23/24	14:02	21,618.2	2,427.4	93	0.0	0.0	21,618.2	2,427.4	230	340
07/23/24	14:03	21,638.5	2,429.7	93	0.0	0.0	21,638.5	2,429.7	230	340
07/23/24	14:04	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	14:05	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	14:06	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	14:07	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	14:08	21,534.5	2,418.0	93	0.0	0.0	21,534.5	2,418.0	229	339
07/23/24	14:09	21,484.5	2,412.4	93	0.0	0.0	21,484.5	2,412.4	229	339
07/23/24	14:10	21,587.6	2,424.0	93	0.0	0.0	21,587.6	2,424.0	230	340
07/23/24	14:11	21,601.1	2,426.7	93	0.0	0.0	21,601.1	2,426.7	230	340
07/23/24	14:12	21,570.1	2,423.5	93	0.0	0.0	21,570.1	2,423.5	230	340
07/23/24	14:13	21,547.8	2,421.0	93	0.0	0.0	21,547.8	2,421.0	230	339
07/23/24	14:14	21,575.6	2,424.1	93	0.0	0.0	21,575.6	2,424.1	230	340
07/23/24	14:15	21,585.1	2,425.2	93	0.0	0.0	21,585.1	2,425.2	230	340
07/23/24	14:16	21,577.8	2,424.4	93	0.0	0.0	21,577.8	2,424.4	230	340
07/23/24	14:17	21,540.6	2,420.2	93	0.0	0.0	21,540.6	2,420.2	229	339
07/23/24	14:18	21,633.1	2,430.6	93	0.0	0.0	21,633.1	2,430.6	230	340
07/23/24	14:19	21,533.9	2,419.4	93	0.0	0.0	21,533.9	2,419.4	230	340
07/23/24	14:20	21,603.2	2,427.2	93	0.0	0.0	21,603.2	2,427.2	230	340
07/23/24	14:21	21,534.2	2,419.5	93	0.0	0.0	21,534.2	2,419.5	230	340
07/23/24	14:22	21,607.6	2,427.7	93	0.0	0.0	21,607.6	2,427.7	230	340
07/23/24	14:23	21,533.1	2,419.3	93	0.0	0.0	21,533.1	2,419.3	230	340
07/23/24	14:24	21,594.0	2,426.2	93	0.0	0.0	21,594.0	2,426.2	231	340
07/23/24	14:25	21,577.3	2,424.3	93	0.0	0.0	21,577.3	2,424.3	230	340
07/23/24	14:26	21,562.2	2,422.6	93	0.0	0.0	21,562.2	2,422.6	230	339
07/23/24	14:27	21,591.3	2,425.9	93	0.0	0.0	21,591.3	2,425.9	230	340
07/23/24	14:28	21,603.8	2,427.3	93	0.0	0.0	21,603.8	2,427.3	230	340
07/23/24	14:29	21,500.4	2,415.7	93	0.0	0.0	21,500.4	2,415.7	229	339
07/23/24	14:30	21,592.0	2,426.0	93	0.0	0.0	21,592.0	2,426.0	231	340
07/23/24	14:31	21,592.1	2,426.0	93	0.0	0.0	21,592.1	2,426.0	230	340
07/23/24	14:32	21,548.6	2,421.1	93	0.0	0.0	21,548.6	2,421.1	230	340
07/23/24	14:33	21,550.5	2,421.3	93	0.0	0.0	21,550.5	2,421.3	230	340
07/23/24	14:34	21,506.3	2,416.3	93	0.0	0.0	21,506.3	2,416.3	230	340
07/23/24	14:35	21,492.4	2,414.8	93	0.0	0.0	21,492.4	2,414.8	230	340
07/23/24	14:36	21,429.2	2,407.7	93	0.0	0.0	21,429.2	2,407.7	229	339
07/23/24	14:37	21,435.8	2,408.4	93	0.0	0.0	21,435.8	2,408.4	229	339
Average		21,698.5	2,435.1	93	0.0	0.0	21,698.5	2,435.1	231	341
Minimum		21,429.2	2,407.7	93	0.0	0.0	21,429.2	2,407.7	229	339
Maximum		21,944.3	2,458.8	93	0.0	0.0	21,944.3	2,458.8	233	343
Summation		2,603,817.8	292,215.5	11,180	0.0	0.0	2,603,817.8	292,215.5	27,715	40,907
Included Data Points		120	120	120	120	120	120	120	120	120
Total Number of Data Points		173	173	173	173	173	173	173	173	173

F = Unit Offline

I = Invalid

E = Exceedance

M = Maintetance

C = Calibration

T = Out Of Control

S = Substituted

* = Suspect

U - Startup

D - Shutdown

Unit 2 PM Performance Test (2-Hr Run) - Run 3

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 07/23/2024 15:15 Through 07/23/2024 17:24

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT02								
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/23/24	15:15	21,385.6	2,405.2	93	0.0	0.0	21,385.6	2,405.2	229	339
07/23/24	15:16	21,424.0	2,409.5	93	0.0	0.0	21,424.0	2,409.5	229	339
07/23/24	15:17	21,369.6	2,403.4	93	0.0	0.0	21,369.6	2,403.4	229	339
07/23/24	15:18	21,365.3	2,402.9	93	0.0	0.0	21,365.3	2,402.9	229	339
07/23/24	15:19	21,377.0	2,404.2	93	0.0	0.0	21,377.0	2,404.2	229	339
07/23/24	15:20	21,340.7	2,400.1	93	0.0	0.0	21,340.7	2,400.1	229	339
07/23/24	15:21	21,336.1	2,399.6	93	0.0	0.0	21,336.1	2,399.6	229	339
07/23/24	15:22	21,292.8	2,394.7	93	0.0	0.0	21,292.8	2,394.7	229	338
07/23/24	15:23	21,382.3	2,404.8	93	0.0	0.0	21,382.3	2,404.8	229	339
07/23/24	15:24	21,356.3	2,401.9	93	0.0	0.0	21,356.3	2,401.9	229	338
07/23/24	15:25	21,367.3	2,403.1	93	0.0	0.0	21,367.3	2,403.1	229	339
07/23/24	15:26	21,328.8	2,398.8	93	0.0	0.0	21,328.8	2,398.8	229	338
07/23/24	15:27	21,360.8	2,402.4	93	0.0	0.0	21,360.8	2,402.4	229	339
07/23/24	15:28	21,289.6	2,394.4	93	0.0	0.0	21,289.6	2,394.4	229	338
07/23/24	15:29	21,296.1	2,395.1	93	0.0	0.0	21,296.1	2,395.1	229	338
07/23/24	15:30	21,320.7	2,397.9	93	0.0	0.0	21,320.7	2,397.9	229	339
07/23/24	15:31	21,338.9	2,399.9	93	0.0	0.0	21,338.9	2,399.9	229	339
07/23/24	15:32	21,308.2	2,396.5	93	0.0	0.0	21,308.2	2,396.5	229	339
07/23/24	15:33	21,294.6	2,394.9	93	0.0	0.0	21,294.6	2,394.9	229	339
07/23/24	15:34	21,326.1	2,398.5	93	0.0	0.0	21,326.1	2,398.5	229	339
07/23/24	15:35	21,278.0	2,393.1	93	0.0	0.0	21,278.0	2,393.1	229	338
07/23/24	15:36	21,262.7	2,391.4	93	0.0	0.0	21,262.7	2,391.4	229	338
07/23/24	15:37	21,286.1	2,394.0	93	0.0	0.0	21,286.1	2,394.0	229	339
07/23/24	15:38	21,290.0	2,394.4	93	0.0	0.0	21,290.0	2,394.4	229	338
07/23/24	15:39	21,262.9	2,391.4	93	0.0	0.0	21,262.9	2,391.4	228	338
07/23/24	15:40	21,264.9	2,391.6	93	0.0	0.0	21,264.9	2,391.6	229	338
07/23/24	15:41	21,205.7	2,384.9	93	0.0	0.0	21,205.7	2,384.9	228	337
07/23/24	15:42	21,263.8	2,391.5	93	0.0	0.0	21,263.8	2,391.5	229	338
07/23/24	15:43	21,238.9	2,388.7	93	0.0	0.0	21,238.9	2,388.7	228	338
07/23/24	15:44	21,267.5	2,391.9	93	0.0	0.0	21,267.5	2,391.9	228	338
07/23/24	15:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	15:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	15:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	15:48	21,267.8	2,391.9	93	0.0	0.0	21,267.8	2,391.9	229	338
07/23/24	15:49	21,218.4	2,386.4	93	0.0	0.0	21,218.4	2,386.4	228	338
07/23/24	15:50	21,341.4	2,400.2	93	0.0	0.0	21,341.4	2,400.2	229	339
07/23/24	15:51	21,258.7	2,390.9	93	0.0	0.0	21,258.7	2,390.9	229	339
07/23/24	15:52	21,246.0	2,389.5	93	0.0	0.0	21,246.0	2,389.5	228	338
07/23/24	15:53	21,256.4	2,390.6	93	0.0	0.0	21,256.4	2,390.6	229	338
07/23/24	15:54	21,291.1	2,394.5	93	0.0	0.0	21,291.1	2,394.5	229	338
07/23/24	15:55	21,272.9	2,392.5	93	0.0	0.0	21,272.9	2,392.5	229	339
07/23/24	15:56	21,282.2	2,393.5	93	0.0	0.0	21,282.2	2,393.5	229	338
07/23/24	15:57	21,248.7	2,389.8	93	0.0	0.0	21,248.7	2,389.8	229	338
07/23/24	15:58	21,244.7	2,389.3	93	0.0	0.0	21,244.7	2,389.3	229	338
07/23/24	15:59	21,257.9	2,390.8	93	0.0	0.0	21,257.9	2,390.8	229	338
07/23/24	16:00	21,280.6	2,393.4	93	0.0	0.0	21,280.6	2,393.4	229	339
07/23/24	16:01	21,262.1	2,391.3	93	0.0	0.0	21,262.1	2,391.3	229	338
07/23/24	16:02	21,307.6	2,396.4	93	0.0	0.0	21,307.6	2,396.4	229	338
07/23/24	16:03	21,270.2	2,392.2	93	0.0	0.0	21,270.2	2,392.2	229	338
07/23/24	16:04	21,286.3	2,394.0	93	0.0	0.0	21,286.3	2,394.0	229	338
07/23/24	16:05	21,251.1	2,390.0	93	0.0	0.0	21,251.1	2,390.0	229	338
07/23/24	16:06	21,277.9	2,393.1	93	0.0	0.0	21,277.9	2,393.1	229	338
07/23/24	16:07	21,236.0	2,388.3	93	0.0	0.0	21,236.0	2,388.3	229	338
07/23/24	16:08	21,256.5	2,390.7	93	0.0	0.0	21,256.5	2,390.7	229	338
07/23/24	16:09	21,256.7	2,390.7	93	0.0	0.0	21,256.7	2,390.7	229	338
07/23/24	16:10	21,257.4	2,390.8	93	0.0	0.0	21,257.4	2,390.8	229	338
07/23/24	16:11	21,232.4	2,388.0	93	0.0	0.0	21,232.4	2,388.0	229	338
07/23/24	16:12	21,145.2	2,378.2	93	0.0	0.0	21,145.2	2,378.2	228	337
07/23/24	16:13	21,233.5	2,388.1	93	0.0	0.0	21,233.5	2,388.1	229	338
07/23/24	16:14	21,233.3	2,388.1	93	0.0	0.0	21,233.3	2,388.1	228	338
07/23/24	16:15	21,231.1	2,387.9	93	0.0	0.0	21,231.1	2,387.9	228	337
07/23/24	16:16	21,196.1	2,383.9	93	0.0	0.0	21,196.1	2,383.9	228	338

07/23/24	16:17	21,204.7	2,384.9	93	0.0	0.0	21,204.7	2,384.9	229	338
07/23/24	16:18	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	16:19	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	16:20	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	16:21	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	16:22	21,237.8	2,388.6	93	0.0	0.0	21,237.8	2,388.6	229	338
07/23/24	16:23	21,216.0	2,386.2	93	0.0	0.0	21,216.0	2,386.2	229	338
07/23/24	16:24	21,192.4	2,383.5	93	0.0	0.0	21,192.4	2,383.5	228	338
07/23/24	16:25	21,163.8	2,380.3	93	0.0	0.0	21,163.8	2,380.3	228	337
07/23/24	16:26	21,207.0	2,385.2	93	0.0	0.0	21,207.0	2,385.2	228	338
07/23/24	16:27	21,122.9	2,375.7	93	0.0	0.0	21,122.9	2,375.7	227	337
07/23/24	16:28	21,164.3	2,380.4	93	0.0	0.0	21,164.3	2,380.4	228	337
07/23/24	16:29	21,069.7	2,369.7	93	0.0	0.0	21,069.7	2,369.7	227	337
07/23/24	16:30	21,132.7	2,376.8	93	0.0	0.0	21,132.7	2,376.8	228	337
07/23/24	16:31	21,157.2	2,379.6	93	0.0	0.0	21,157.2	2,379.6	228	338
07/23/24	16:32	21,230.1	2,387.8	93	0.0	0.0	21,230.1	2,387.8	228	338
07/23/24	16:33	21,095.5	2,372.6	93	0.0	0.0	21,095.5	2,372.6	228	337
07/23/24	16:34	21,174.0	2,381.5	93	0.0	0.0	21,174.0	2,381.5	228	337
07/23/24	16:35	21,109.6	2,374.2	93	0.0	0.0	21,109.6	2,374.2	228	337
07/23/24	16:36	21,137.6	2,377.4	93	0.0	0.0	21,137.6	2,377.4	228	337
07/23/24	16:37	21,174.1	2,381.5	93	0.0	0.0	21,174.1	2,381.5	228	337
07/23/24	16:38	21,191.4	2,383.4	93	0.0	0.0	21,191.4	2,383.4	227	337
07/23/24	16:39	21,096.6	2,372.8	93	0.0	0.0	21,096.6	2,372.8	227	337
07/23/24	16:40	21,154.8	2,379.3	93	0.0	0.0	21,154.8	2,379.3	228	338
07/23/24	16:41	21,171.8	2,381.2	93	0.0	0.0	21,171.8	2,381.2	228	337
07/23/24	16:42	21,147.9	2,378.5	93	0.0	0.0	21,147.9	2,378.5	228	337
07/23/24	16:43	21,116.4	2,375.0	93	0.0	0.0	21,116.4	2,375.0	227	337
07/23/24	16:44	21,137.9	2,377.4	93	0.0	0.0	21,137.9	2,377.4	228	337
07/23/24	16:45	21,107.6	2,374.0	93	0.0	0.0	21,107.6	2,374.0	228	337
07/23/24	16:46	21,062.8	2,369.0	93	0.0	0.0	21,062.8	2,369.0	227	337
07/23/24	16:47	21,098.1	2,372.9	93	0.0	0.0	21,098.1	2,372.9	228	337
07/23/24	16:48	21,092.6	2,372.3	93	0.0	0.0	21,092.6	2,372.3	227	337
07/23/24	16:49	21,072.4	2,370.0	93	0.0	0.0	21,072.4	2,370.0	228	337
07/23/24	16:50	21,077.4	2,370.6	93	0.0	0.0	21,077.4	2,370.6	227	337
07/23/24	16:51	21,093.5	2,372.4	93	0.0	0.0	21,093.5	2,372.4	228	337
07/23/24	16:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	16:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	16:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/23/24	16:55	21,076.1	2,370.4	93	0.0	0.0	21,076.1	2,370.4	228	337
07/23/24	16:56	21,113.9	2,374.7	93	0.0	0.0	21,113.9	2,374.7	228	338
07/23/24	16:57	21,123.1	2,375.7	93	0.0	0.0	21,123.1	2,375.7	228	338
07/23/24	16:58	21,070.5	2,369.8	93	0.0	0.0	21,070.5	2,369.8	228	337
07/23/24	16:59	21,108.3	2,374.1	93	0.0	0.0	21,108.3	2,374.1	228	337
07/23/24	17:00	21,139.4	2,377.6	93	0.0	0.0	21,139.4	2,377.6	228	338
07/23/24	17:01	21,107.8	2,374.0	93	0.0	0.0	21,107.8	2,374.0	228	338
07/23/24	17:02	21,122.2	2,375.6	93	0.0	0.0	21,122.2	2,375.6	228	338
07/23/24	17:03	21,099.7	2,373.1	93	0.0	0.0	21,099.7	2,373.1	228	338
07/23/24	17:04	21,127.2	2,376.2	93	0.0	0.0	21,127.2	2,376.2	228	338
07/23/24	17:05	21,064.4	2,369.1	93	0.0	0.0	21,064.4	2,369.1	228	338
07/23/24	17:06	21,056.8	2,368.3	93	0.0	0.0	21,056.8	2,368.3	228	337
07/23/24	17:07	21,091.4	2,372.2	93	0.0	0.0	21,091.4	2,372.2	228	338
07/23/24	17:08	21,138.3	2,377.4	93	0.0	0.0	21,138.3	2,377.4	229	338
07/23/24	17:09	21,072.3	2,370.0	93	0.0	0.0	21,072.3	2,370.0	228	338
07/23/24	17:10	21,081.8	2,371.1	93	0.0	0.0	21,081.8	2,371.1	228	338
07/23/24	17:11	21,154.8	2,378.4	93	0.0	0.0	21,154.8	2,378.4	229	338
07/23/24	17:12	21,158.5	2,378.6	93	0.0	0.0	21,158.5	2,378.6	229	338
07/23/24	17:13	21,123.1	2,374.6	93	0.0	0.0	21,123.1	2,374.6	229	338
07/23/24	17:14	21,091.6	2,371.1	93	0.0	0.0	21,091.6	2,371.1	229	339
07/23/24	17:15	21,092.2	2,371.1	93	0.0	0.0	21,092.2	2,371.1	229	339
07/23/24	17:16	21,080.2	2,369.8	93	0.0	0.0	21,080.2	2,369.8	228	338
07/23/24	17:17	21,075.1	2,369.2	93	0.0	0.0	21,075.1	2,369.2	229	339
07/23/24	17:18	21,150.7	2,377.7	93	0.0	0.0	21,150.7	2,377.7	229	339
07/23/24	17:19	21,069.9	2,368.6	93	0.0	0.0	21,069.9	2,368.6	229	339
07/23/24	17:20	21,143.7	2,376.9	93	0.0	0.0	21,143.7	2,376.9	229	339
07/23/24	17:21	21,117.5	2,374.0	93	0.0	0.0	21,117.5	2,374.0	229	339
07/23/24	17:22	21,137.8	2,376.3	93	0.0	0.0	21,137.8	2,376.3	229	339
07/23/24	17:23	21,091.6	2,371.1	93	0.0	0.0	21,091.6	2,371.1	229	339
07/23/24	17:24	21,052.0	2,366.6	93	0.0	0.0	21,052.0	2,366.6	228	339

Average	21,203.5	2,384.6	93	0.0	0.0	21,203.5	2,384.6	228	338
Minimum	21,052.0	2,366.6	93	0.0	0.0	21,052.0	2,366.6	227	337
Maximum	21,424.0	2,409.5	93	0.0	0.0	21,424.0	2,409.5	229	339
Summation	2,544,424.4	286,153.6	11,161	0.0	0.0	2,544,424.4	286,153.6	27,410	40,556
Included Data Points	120	120	120	120	120	120	120	120	120
Total Number of Data Points	130	130	130	130	130	130	130	130	130

F = Unit Offline

I = Invalid

E = Exceedance

M = Maintetance

C = Calibration

T = Out Of Control

S = Substituted

*** = Suspect**

U - Startup

D - Shutdown

Unit 2 PM Performance Test (4-Hr Run) - Run 1

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 07/24/2024 08:45 Through 07/24/2024 12:55

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT02								
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/24/24	8:45	22,382.6	2,513.0	94	0.0	0.0	22,382.6	2,513.0	239	353
07/24/24	8:46	22,404.5	2,515.5	93	0.0	0.0	22,404.5	2,515.5	239	353
07/24/24	8:47	22,394.7	2,514.4	94	0.0	0.0	22,394.7	2,514.4	239	353
07/24/24	8:48	22,350.4	2,509.4	93	0.0	0.0	22,350.4	2,509.4	239	353
07/24/24	8:49	22,400.1	2,515.0	94	0.0	0.0	22,400.1	2,515.0	239	353
07/24/24	8:50	22,394.0	2,514.3	93	0.0	0.0	22,394.0	2,514.3	239	353
07/24/24	8:51	22,358.9	2,510.4	93	0.0	0.0	22,358.9	2,510.4	239	353
07/24/24	8:52	22,371.3	2,511.8	94	0.0	0.0	22,371.3	2,511.8	239	353
07/24/24	8:53	22,345.9	2,508.9	93	0.0	0.0	22,345.9	2,508.9	238	352
07/24/24	8:54	22,390.2	2,513.9	94	0.0	0.0	22,390.2	2,513.9	239	352
07/24/24	8:55	22,374.3	2,512.1	94	0.0	0.0	22,374.3	2,512.1	239	352
07/24/24	8:56	22,325.1	2,506.6	93	0.0	0.0	22,325.1	2,506.6	238	352
07/24/24	8:57	22,379.4	2,512.7	94	0.0	0.0	22,379.4	2,512.7	238	352
07/24/24	8:58	22,335.5	2,507.8	93	0.0	0.0	22,335.5	2,507.8	238	352
07/24/24	8:59	22,342.9	2,508.6	93	0.0	0.0	22,342.9	2,508.6	238	352
07/24/24	9:00	22,386.3	2,513.5	94	0.0	0.0	22,386.3	2,513.5	238	352
07/24/24	9:01	22,348.2	2,509.2	94	0.0	0.0	22,348.2	2,509.2	238	352
07/24/24	9:02	22,357.5	2,510.2	94	0.0	0.0	22,357.5	2,510.2	239	352
07/24/24	9:03	22,396.2	2,514.6	94	0.0	0.0	22,396.2	2,514.6	238	352
07/24/24	9:04	22,367.4	2,511.3	93	0.0	0.0	22,367.4	2,511.3	238	352
07/24/24	9:05	22,367.3	2,511.3	94	0.0	0.0	22,367.3	2,511.3	239	352
07/24/24	9:06	22,354.0	2,509.8	94	0.0	0.0	22,354.0	2,509.8	238	352
07/24/24	9:07	22,365.3	2,511.1	94	0.0	0.0	22,365.3	2,511.1	238	352
07/24/24	9:08	22,362.7	2,510.8	94	0.0	0.0	22,362.7	2,510.8	238	352
07/24/24	9:09	22,375.6	2,512.3	94	0.0	0.0	22,375.6	2,512.3	238	352
07/24/24	9:10	22,378.3	2,512.6	94	0.0	0.0	22,378.3	2,512.6	238	352
07/24/24	9:11	22,353.6	2,509.8	94	0.0	0.0	22,353.6	2,509.8	238	352
07/24/24	9:12	22,371.5	2,510.2	93	0.0	0.0	22,371.5	2,510.2	238	352
07/24/24	9:13	22,344.1	2,506.8	94	0.0	0.0	22,344.1	2,506.8	238	352
07/24/24	9:14	22,359.0	2,508.5	94	0.0	0.0	22,359.0	2,508.5	238	352
07/24/24	9:15	22,373.0	2,510.0	94	0.0	0.0	22,373.0	2,510.0	238	352
07/24/24	9:16	22,344.1	2,506.8	94	0.0	0.0	22,344.1	2,506.8	238	352
07/24/24	9:17	22,397.2	2,512.8	94	0.0	0.0	22,397.2	2,512.8	238	352
07/24/24	9:18	22,364.7	2,509.1	93	0.0	0.0	22,364.7	2,509.1	238	352
07/24/24	9:19	22,388.8	2,511.8	94	0.0	0.0	22,388.8	2,511.8	238	351
07/24/24	9:20	22,385.5	2,511.4	94	0.0	0.0	22,385.5	2,511.4	238	352
07/24/24	9:21	22,318.4	2,503.9	93	0.0	0.0	22,318.4	2,503.9	237	351
07/24/24	9:22	22,354.5	2,508.0	94	0.0	0.0	22,354.5	2,508.0	238	351
07/24/24	9:23	22,389.2	2,511.9	94	0.0	0.0	22,389.2	2,511.9	238	351
07/24/24	9:24	22,351.5	2,507.6	94	0.0	0.0	22,351.5	2,507.6	238	351
07/24/24	9:25	22,356.3	2,508.2	94	0.0	0.0	22,356.3	2,508.2	238	351
07/24/24	9:26	22,365.1	2,509.1	93	0.0	0.0	22,365.1	2,509.1	238	351
07/24/24	9:27	22,371.1	2,509.8	94	0.0	0.0	22,371.1	2,509.8	238	351
07/24/24	9:28	22,325.6	2,504.7	93	0.0	0.0	22,325.6	2,504.7	237	351
07/24/24	9:29	22,335.5	2,505.8	93	0.0	0.0	22,335.5	2,505.8	237	351
07/24/24	9:30	22,383.6	2,511.2	94	0.0	0.0	22,383.6	2,511.2	238	351
07/24/24	9:31	22,400.1	2,513.1	94	0.0	0.0	22,400.1	2,513.1	238	351
07/24/24	9:32	22,369.3	2,509.6	93	0.0	0.0	22,369.3	2,509.6	237	351
07/24/24	9:33	22,337.0	2,506.0	93	0.0	0.0	22,337.0	2,506.0	237	351
07/24/24	9:34	22,326.6	2,504.8	93	0.0	0.0	22,326.6	2,504.8	237	351
07/24/24	9:35	22,302.6	2,502.1	93	0.0	0.0	22,302.6	2,502.1	237	350
07/24/24	9:36	22,323.2	2,504.5	93	0.0	0.0	22,323.2	2,504.5	237	350
07/24/24	9:37	22,340.4	2,506.4	93	0.0	0.0	22,340.4	2,506.4	237	350
07/24/24	9:38	22,345.3	2,506.9	94	0.0	0.0	22,345.3	2,506.9	237	350
07/24/24	9:39	22,335.3	2,505.8	93	0.0	0.0	22,335.3	2,505.8	237	350
07/24/24	9:40	22,373.3	2,510.1	94	0.0	0.0	22,373.3	2,510.1	237	350
07/24/24	9:41	22,299.2	2,501.8	93	0.0	0.0	22,299.2	2,501.8	236	350
07/24/24	9:42	22,321.0	2,504.2	93	0.0	0.0	22,321.0	2,504.2	236	350
07/24/24	9:43	22,373.9	2,510.1	94	0.0	0.0	22,373.9	2,510.1	237	350
07/24/24	9:44	22,332.4	2,505.5	93	0.0	0.0	22,332.4	2,505.5	236	350
07/24/24	9:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	9:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

07/24/24	9:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	9:48	22,362.4	2,508.9	94	0.0	0.0	22,362.4	2,508.9	237	350
07/24/24	9:49	22,318.8	2,504.0	93	0.0	0.0	22,318.8	2,504.0	236	350
07/24/24	9:50	22,330.6	2,505.3	93	0.0	0.0	22,330.6	2,505.3	237	350
07/24/24	9:51	22,362.9	2,508.9	93	0.0	0.0	22,362.9	2,508.9	236	350
07/24/24	9:52	22,372.9	2,510.0	93	0.0	0.0	22,372.9	2,510.0	236	350
07/24/24	9:53	22,355.6	2,508.1	93	0.0	0.0	22,355.6	2,508.1	236	349
07/24/24	9:54	22,345.5	2,506.9	93	0.0	0.0	22,345.5	2,506.9	237	350
07/24/24	9:55	22,414.0	2,514.6	94	0.0	0.0	22,414.0	2,514.6	237	350
07/24/24	9:56	22,363.5	2,509.0	93	0.0	0.0	22,363.5	2,509.0	236	350
07/24/24	9:57	22,389.2	2,511.9	93	0.0	0.0	22,389.2	2,511.9	237	350
07/24/24	9:58	22,390.3	2,512.0	93	0.0	0.0	22,390.3	2,512.0	237	350
07/24/24	9:59	22,372.3	2,510.0	93	0.0	0.0	22,372.3	2,510.0	237	350
07/24/24	10:00	22,372.2	2,509.9	93	0.0	0.0	22,372.2	2,509.9	236	350
07/24/24	10:01	22,421.3	2,515.5	93	0.0	0.0	22,421.3	2,515.5	237	350
07/24/24	10:02	22,420.4	2,515.4	93	0.0	0.0	22,420.4	2,515.4	237	350
07/24/24	10:03	22,387.5	2,511.7	93	0.0	0.0	22,387.5	2,511.7	236	350
07/24/24	10:04	22,393.7	2,512.4	93	0.0	0.0	22,393.7	2,512.4	237	350
07/24/24	10:05	22,386.7	2,511.6	93	0.0	0.0	22,386.7	2,511.6	236	349
07/24/24	10:06	22,454.6	2,519.2	94	0.0	0.0	22,454.6	2,519.2	237	350
07/24/24	10:07	22,404.0	2,513.5	93	0.0	0.0	22,404.0	2,513.5	236	349
07/24/24	10:08	22,449.7	2,518.6	94	0.0	0.0	22,449.7	2,518.6	237	350
07/24/24	10:09	22,395.6	2,512.6	93	0.0	0.0	22,395.6	2,512.6	237	350
07/24/24	10:10	22,372.4	2,510.0	93	0.0	0.0	22,372.4	2,510.0	236	349
07/24/24	10:11	22,376.9	2,507.6	93	0.0	0.0	22,376.9	2,507.6	236	349
07/24/24	10:12	22,403.0	2,509.9	93	0.0	0.0	22,403.0	2,509.9	236	349
07/24/24	10:13	22,352.1	2,504.2	93	0.0	0.0	22,352.1	2,504.2	236	349
07/24/24	10:14	22,431.1	2,513.1	94	0.0	0.0	22,431.1	2,513.1	237	350
07/24/24	10:15	22,442.2	2,514.3	94	0.0	0.0	22,442.2	2,514.3	237	350
07/24/24	10:16	22,417.2	2,511.5	93	0.0	0.0	22,417.2	2,511.5	237	349
07/24/24	10:17	22,396.5	2,509.2	93	0.0	0.0	22,396.5	2,509.2	236	349
07/24/24	10:18	22,378.5	2,507.2	93	0.0	0.0	22,378.5	2,507.2	236	349
07/24/24	10:19	22,415.4	2,511.3	93	0.0	0.0	22,415.4	2,511.3	236	349
07/24/24	10:20	22,339.0	2,502.8	93	0.0	0.0	22,339.0	2,502.8	236	349
07/24/24	10:21	22,376.3	2,506.9	94	0.0	0.0	22,376.3	2,506.9	236	349
07/24/24	10:22	22,360.1	2,505.1	93	0.0	0.0	22,360.1	2,505.1	236	349
07/24/24	10:23	22,399.1	2,509.5	94	0.0	0.0	22,399.1	2,509.5	236	349
07/24/24	10:24	22,345.6	2,503.5	93	0.0	0.0	22,345.6	2,503.5	236	349
07/24/24	10:25	22,343.7	2,503.3	93	0.0	0.0	22,343.7	2,503.3	236	349
07/24/24	10:26	22,359.1	2,505.0	93	0.0	0.0	22,359.1	2,505.0	236	349
07/24/24	10:27	22,415.1	2,511.3	94	0.0	0.0	22,415.1	2,511.3	236	349
07/24/24	10:28	22,361.1	2,505.2	93	0.0	0.0	22,361.1	2,505.2	236	349
07/24/24	10:29	22,356.4	2,504.7	93	0.0	0.0	22,356.4	2,504.7	236	349
07/24/24	10:30	22,382.4	2,507.6	93	0.0	0.0	22,382.4	2,507.6	236	349
07/24/24	10:31	22,362.0	2,505.4	93	0.0	0.0	22,362.0	2,505.4	236	349
07/24/24	10:32	22,410.2	2,510.7	93	0.0	0.0	22,410.2	2,510.7	236	349
07/24/24	10:33	22,375.8	2,506.9	93	0.0	0.0	22,375.8	2,506.9	236	349
07/24/24	10:34	22,390.3	2,508.5	94	0.0	0.0	22,390.3	2,508.5	236	349
07/24/24	10:35	22,370.4	2,506.3	93	0.0	0.0	22,370.4	2,506.3	236	349
07/24/24	10:36	22,439.0	2,514.0	94	0.0	0.0	22,439.0	2,514.0	236	349
07/24/24	10:37	22,386.5	2,508.1	93	0.0	0.0	22,386.5	2,508.1	236	349
07/24/24	10:38	22,418.9	2,511.7	93	0.0	0.0	22,418.9	2,511.7	236	349
07/24/24	10:39	22,411.6	2,510.9	93	0.0	0.0	22,411.6	2,510.9	236	349
07/24/24	10:40	22,403.0	2,509.9	94	0.0	0.0	22,403.0	2,509.9	236	349
07/24/24	10:41	22,374.3	2,506.7	93	0.0	0.0	22,374.3	2,506.7	236	349
07/24/24	10:42	22,355.7	2,504.6	94	0.0	0.0	22,355.7	2,504.6	236	349
07/24/24	10:43	22,372.6	2,506.5	93	0.0	0.0	22,372.6	2,506.5	236	349
07/24/24	10:44	22,375.6	2,506.9	93	0.0	0.0	22,375.6	2,506.9	236	349
07/24/24	10:45	22,380.3	2,507.4	94	0.0	0.0	22,380.3	2,507.4	236	349
07/24/24	10:46	22,387.3	2,508.2	94	0.0	0.0	22,387.3	2,508.2	236	349
07/24/24	10:47	22,385.0	2,507.9	93	0.0	0.0	22,385.0	2,507.9	236	349
07/24/24	10:48	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	10:49	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	10:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	10:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	10:52	22,347.9	2,503.8	94	0.0	0.0	22,347.9	2,503.8	236	349
07/24/24	10:53	22,340.5	2,502.9	93	0.0	0.0	22,340.5	2,502.9	236	349
07/24/24	10:54	22,397.6	2,509.3	94	0.0	0.0	22,397.6	2,509.3	236	349
07/24/24	10:55	22,367.4	2,506.0	94	0.0	0.0	22,367.4	2,506.0	236	349
07/24/24	10:56	22,363.3	2,505.5	93	0.0	0.0	22,363.3	2,505.5	236	349
07/24/24	10:57	22,375.0	2,506.8	93	0.0	0.0	22,375.0	2,506.8	236	349

07/24/24	10:58	22,375.5	2,506.9	94	0.0	0.0	22,375.5	2,506.9	236	349
07/24/24	10:59	22,353.2	2,504.4	93	0.0	0.0	22,353.2	2,504.4	236	349
07/24/24	11:00	22,371.6	2,506.4	94	0.0	0.0	22,371.6	2,506.4	236	349
07/24/24	11:01	22,369.0	2,506.1	93	0.0	0.0	22,369.0	2,506.1	236	349
07/24/24	11:02	22,444.2	2,514.6	94	0.0	0.0	22,444.2	2,514.6	236	349
07/24/24	11:03	22,391.1	2,508.6	94	0.0	0.0	22,391.1	2,508.6	236	349
07/24/24	11:04	22,394.4	2,509.0	93	0.0	0.0	22,394.4	2,509.0	236	349
07/24/24	11:05	22,356.9	2,504.8	93	0.0	0.0	22,356.9	2,504.8	236	349
07/24/24	11:06	22,427.3	2,512.7	94	0.0	0.0	22,427.3	2,512.7	237	350
07/24/24	11:07	22,432.4	2,513.2	94	0.0	0.0	22,432.4	2,513.2	236	350
07/24/24	11:08	22,411.5	2,510.9	93	0.0	0.0	22,411.5	2,510.9	236	349
07/24/24	11:09	22,388.2	2,508.3	93	0.0	0.0	22,388.2	2,508.3	236	349
07/24/24	11:10	22,403.6	2,510.0	94	0.0	0.0	22,403.6	2,510.0	236	349
07/24/24	11:11	22,416.0	2,510.6	94	0.0	0.0	22,416.0	2,510.6	237	350
07/24/24	11:12	22,401.9	2,508.9	94	0.0	0.0	22,401.9	2,508.9	236	350
07/24/24	11:13	22,437.2	2,512.8	94	0.0	0.0	22,437.2	2,512.8	236	349
07/24/24	11:14	22,455.6	2,514.9	94	0.0	0.0	22,455.6	2,514.9	236	350
07/24/24	11:15	22,471.7	2,516.7	94	0.0	0.0	22,471.7	2,516.7	236	350
07/24/24	11:16	22,398.4	2,508.5	93	0.0	0.0	22,398.4	2,508.5	236	349
07/24/24	11:17	22,412.6	2,510.1	93	0.0	0.0	22,412.6	2,510.1	236	349
07/24/24	11:18	22,440.0	2,513.1	93	0.0	0.0	22,440.0	2,513.1	236	349
07/24/24	11:19	22,466.1	2,516.1	94	0.0	0.0	22,466.1	2,516.1	237	350
07/24/24	11:20	22,473.2	2,516.9	94	0.0	0.0	22,473.2	2,516.9	237	350
07/24/24	11:21	22,469.4	2,516.4	94	0.0	0.0	22,469.4	2,516.4	237	350
07/24/24	11:22	22,492.6	2,519.0	94	0.0	0.0	22,492.6	2,519.0	237	350
07/24/24	11:23	22,464.1	2,515.8	93	0.0	0.0	22,464.1	2,515.8	237	350
07/24/24	11:24	22,478.2	2,517.4	94	0.0	0.0	22,478.2	2,517.4	237	350
07/24/24	11:25	22,451.2	2,514.4	93	0.0	0.0	22,451.2	2,514.4	237	350
07/24/24	11:26	22,509.0	2,520.9	94	0.0	0.0	22,509.0	2,520.9	237	350
07/24/24	11:27	22,461.4	2,515.6	93	0.0	0.0	22,461.4	2,515.6	236	349
07/24/24	11:28	22,466.0	2,516.1	93	0.0	0.0	22,466.0	2,516.1	236	349
07/24/24	11:29	22,470.7	2,516.6	93	0.0	0.0	22,470.7	2,516.6	236	350
07/24/24	11:30	22,454.8	2,514.8	93	0.0	0.0	22,454.8	2,514.8	236	349
07/24/24	11:31	22,443.1	2,513.5	93	0.0	0.0	22,443.1	2,513.5	236	349
07/24/24	11:32	22,468.6	2,516.4	93	0.0	0.0	22,468.6	2,516.4	237	350
07/24/24	11:33	22,441.9	2,513.4	93	0.0	0.0	22,441.9	2,513.4	236	349
07/24/24	11:34	22,469.7	2,516.5	93	0.0	0.0	22,469.7	2,516.5	237	350
07/24/24	11:35	22,488.3	2,518.6	94	0.0	0.0	22,488.3	2,518.6	237	350
07/24/24	11:36	22,477.0	2,517.3	94	0.0	0.0	22,477.0	2,517.3	237	350
07/24/24	11:37	22,483.0	2,518.0	94	0.0	0.0	22,483.0	2,518.0	237	350
07/24/24	11:38	22,537.6	2,524.1	93	0.0	0.0	22,537.6	2,524.1	237	350
07/24/24	11:39	22,496.8	2,519.5	93	0.0	0.0	22,496.8	2,519.5	237	350
07/24/24	11:40	22,498.6	2,519.7	94	0.0	0.0	22,498.6	2,519.7	237	350
07/24/24	11:41	22,502.2	2,520.1	94	0.0	0.0	22,502.2	2,520.1	237	350
07/24/24	11:42	22,535.5	2,523.8	94	0.0	0.0	22,535.5	2,523.8	237	350
07/24/24	11:43	22,523.3	2,522.5	94	0.0	0.0	22,523.3	2,522.5	237	350
07/24/24	11:44	22,498.0	2,519.6	93	0.0	0.0	22,498.0	2,519.6	237	350
07/24/24	11:45	22,509.2	2,520.9	94	0.0	0.0	22,509.2	2,520.9	237	350
07/24/24	11:46	22,501.5	2,520.0	94	0.0	0.0	22,501.5	2,520.0	237	350
07/24/24	11:47	22,482.9	2,517.9	94	0.0	0.0	22,482.9	2,517.9	237	350
07/24/24	11:48	22,501.1	2,520.0	94	0.0	0.0	22,501.1	2,520.0	237	350
07/24/24	11:49	22,452.4	2,514.5	93	0.0	0.0	22,452.4	2,514.5	237	350
07/24/24	11:50	22,499.9	2,519.9	94	0.0	0.0	22,499.9	2,519.9	237	350
07/24/24	11:51	22,442.5	2,513.4	93	0.0	0.0	22,442.5	2,513.4	236	349
07/24/24	11:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	11:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	11:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	11:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	11:56	22,486.3	2,518.3	94	0.0	0.0	22,486.3	2,518.3	236	349
07/24/24	11:57	22,412.2	2,510.0	93	0.0	0.0	22,412.2	2,510.0	236	349
07/24/24	11:58	22,506.1	2,520.5	94	0.0	0.0	22,506.1	2,520.5	236	349
07/24/24	11:59	22,465.7	2,516.0	94	0.0	0.0	22,465.7	2,516.0	236	349
07/24/24	12:00	22,448.0	2,514.0	94	0.0	0.0	22,448.0	2,514.0	236	349
07/24/24	12:01	22,409.6	2,509.7	94	0.0	0.0	22,409.6	2,509.7	236	349
07/24/24	12:02	22,423.2	2,511.3	94	0.0	0.0	22,423.2	2,511.3	236	349
07/24/24	12:03	22,398.1	2,508.5	93	0.0	0.0	22,398.1	2,508.5	236	349
07/24/24	12:04	22,400.3	2,508.7	94	0.0	0.0	22,400.3	2,508.7	236	349
07/24/24	12:05	22,384.3	2,506.9	93	0.0	0.0	22,384.3	2,506.9	235	348
07/24/24	12:06	22,426.2	2,511.6	94	0.0	0.0	22,426.2	2,511.6	236	349
07/24/24	12:07	22,450.1	2,514.3	94	0.0	0.0	22,450.1	2,514.3	236	349
07/24/24	12:08	22,480.6	2,517.7	94	0.0	0.0	22,480.6	2,517.7	236	349
07/24/24	12:09	22,445.8	2,513.8	94	0.0	0.0	22,445.8	2,513.8	236	349
07/24/24	12:10	22,432.5	2,512.3	94	0.0	0.0	22,432.5	2,512.3	236	349
07/24/24	12:11	22,422.3	2,510.1	94	0.0	0.0	22,422.3	2,510.1	236	349

07/24/24	12:12	22,404.5	2,507.9	93	0.0	0.0	22,404.5	2,507.9	236	349
07/24/24	12:13	22,452.4	2,513.2	93	0.0	0.0	22,452.4	2,513.2	236	349
07/24/24	12:14	22,419.6	2,509.6	94	0.0	0.0	22,419.6	2,509.6	236	349
07/24/24	12:15	22,378.5	2,505.0	93	0.0	0.0	22,378.5	2,505.0	236	349
07/24/24	12:16	22,419.0	2,509.5	94	0.0	0.0	22,419.0	2,509.5	236	349
07/24/24	12:17	22,420.0	2,509.6	94	0.0	0.0	22,420.0	2,509.6	236	349
07/24/24	12:18	22,401.1	2,507.5	94	0.0	0.0	22,401.1	2,507.5	236	349
07/24/24	12:19	22,366.2	2,503.6	93	0.0	0.0	22,366.2	2,503.6	236	348
07/24/24	12:20	22,361.5	2,503.1	93	0.0	0.0	22,361.5	2,503.1	236	349
07/24/24	12:21	22,420.4	2,509.7	94	0.0	0.0	22,420.4	2,509.7	236	349
07/24/24	12:22	22,409.2	2,508.4	93	0.0	0.0	22,409.2	2,508.4	236	349
07/24/24	12:23	22,349.3	2,501.7	93	0.0	0.0	22,349.3	2,501.7	236	349
07/24/24	12:24	22,392.0	2,506.5	94	0.0	0.0	22,392.0	2,506.5	236	349
07/24/24	12:25	22,399.0	2,507.3	93	0.0	0.0	22,399.0	2,507.3	236	349
07/24/24	12:26	22,389.8	2,506.2	94	0.0	0.0	22,389.8	2,506.2	236	349
07/24/24	12:27	22,408.0	2,508.3	94	0.0	0.0	22,408.0	2,508.3	237	349
07/24/24	12:28	22,402.6	2,507.7	93	0.0	0.0	22,402.6	2,507.7	236	349
07/24/24	12:29	22,443.1	2,512.2	94	0.0	0.0	22,443.1	2,512.2	237	349
07/24/24	12:30	22,436.3	2,511.5	94	0.0	0.0	22,436.3	2,511.5	237	350
07/24/24	12:31	22,443.1	2,512.2	94	0.0	0.0	22,443.1	2,512.2	236	349
07/24/24	12:32	22,437.4	2,511.6	94	0.0	0.0	22,437.4	2,511.6	236	349
07/24/24	12:33	22,432.3	2,511.0	94	0.0	0.0	22,432.3	2,511.0	236	349
07/24/24	12:34	22,399.0	2,507.3	94	0.0	0.0	22,399.0	2,507.3	236	349
07/24/24	12:35	22,352.6	2,502.1	93	0.0	0.0	22,352.6	2,502.1	236	349
07/24/24	12:36	22,401.3	2,507.5	94	0.0	0.0	22,401.3	2,507.5	236	349
07/24/24	12:37	22,395.9	2,506.9	94	0.0	0.0	22,395.9	2,506.9	236	349
07/24/24	12:38	22,374.8	2,504.6	93	0.0	0.0	22,374.8	2,504.6	236	349
07/24/24	12:39	22,381.2	2,505.3	94	0.0	0.0	22,381.2	2,505.3	236	349
07/24/24	12:40	22,394.3	2,506.7	94	0.0	0.0	22,394.3	2,506.7	236	349
07/24/24	12:41	22,358.8	2,502.8	93	0.0	0.0	22,358.8	2,502.8	236	349
07/24/24	12:42	22,442.4	2,512.1	94	0.0	0.0	22,442.4	2,512.1	236	349
07/24/24	12:43	22,424.8	2,510.2	94	0.0	0.0	22,424.8	2,510.2	236	349
07/24/24	12:44	22,419.1	2,509.5	94	0.0	0.0	22,419.1	2,509.5	236	349
07/24/24	12:45	22,438.4	2,511.7	94	0.0	0.0	22,438.4	2,511.7	237	350
07/24/24	12:46	22,458.7	2,514.0	94	0.0	0.0	22,458.7	2,514.0	237	350
07/24/24	12:47	22,470.0	2,515.2	94	0.0	0.0	22,470.0	2,515.2	237	350
07/24/24	12:48	22,439.9	2,511.8	94	0.0	0.0	22,439.9	2,511.8	237	349
07/24/24	12:49	22,424.9	2,510.2	94	0.0	0.0	22,424.9	2,510.2	237	349
07/24/24	12:50	22,464.2	2,514.6	94	0.0	0.0	22,464.2	2,514.6	237	349
07/24/24	12:51	22,443.2	2,512.2	94	0.0	0.0	22,443.2	2,512.2	237	349
07/24/24	12:52	22,432.4	2,511.0	93	0.0	0.0	22,432.4	2,511.0	236	349
07/24/24	12:53	22,459.3	2,514.0	94	0.0	0.0	22,459.3	2,514.0	237	350
07/24/24	12:54	22,474.6	2,515.7	94	0.0	0.0	22,474.6	2,515.7	237	350
07/24/24	12:55	22,433.6	2,511.2	94	0.0	0.0	22,433.6	2,511.2	237	349
Average		22,402.6	2,510.7	94	0.0	0.0	22,402.6	2,510.7	237	350
Minimum		22,299.2	2,501.7	93	0.0	0.0	22,299.2	2,501.7	235	348
Maximum		22,537.6	2,524.1	94	0.0	0.0	22,537.6	2,524.1	239	353
Summation		5,376,619.9	602,562.4	22,441	0.0	0.0	5,376,619.9	602,562.4	56,804	83,963
Included Data Points		240	240	240	240	240	240	240	240	240
Total Number of Data Points		251	251	251	251	251	251	251	251	251

F = Unit Offline **E = Exceedance** **C = Calibration** **S = Substituted** **U - Startup**
I = Invalid **M = Maintetance** **T = Out Of Control** *** = Suspect** **D - Shutdown**

Unit 2 PM Performance Test (4-Hr Run) - Run 2

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 07/24/2024 13:30 Through 07/24/2024 17:41

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT02								
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/24/24	13:30	22,462.5	2,513.2	94	0.0	0.0	22,462.5	2,513.2	237	350
07/24/24	13:31	22,429.5	2,509.5	94	0.0	0.0	22,429.5	2,509.5	237	350
07/24/24	13:32	22,472.6	2,514.3	94	0.0	0.0	22,472.6	2,514.3	237	350
07/24/24	13:33	22,431.1	2,509.7	94	0.0	0.0	22,431.1	2,509.7	237	350
07/24/24	13:34	22,466.2	2,513.6	94	0.0	0.0	22,466.2	2,513.6	237	350
07/24/24	13:35	22,427.3	2,509.2	93	0.0	0.0	22,427.3	2,509.2	236	349
07/24/24	13:36	22,420.6	2,508.5	94	0.0	0.0	22,420.6	2,508.5	236	349
07/24/24	13:37	22,407.2	2,507.0	93	0.0	0.0	22,407.2	2,507.0	236	349
07/24/24	13:38	22,475.0	2,514.6	94	0.0	0.0	22,475.0	2,514.6	237	350
07/24/24	13:39	22,458.9	2,512.8	94	0.0	0.0	22,458.9	2,512.8	237	350
07/24/24	13:40	22,478.4	2,515.0	94	0.0	0.0	22,478.4	2,515.0	237	350
07/24/24	13:41	22,487.7	2,516.0	94	0.0	0.0	22,487.7	2,516.0	237	350
07/24/24	13:42	22,457.7	2,512.6	94	0.0	0.0	22,457.7	2,512.6	237	350
07/24/24	13:43	22,476.4	2,514.7	94	0.0	0.0	22,476.4	2,514.7	237	350
07/24/24	13:44	22,512.5	2,518.8	94	0.0	0.0	22,512.5	2,518.8	237	350
07/24/24	13:45	22,514.5	2,519.0	93	0.0	0.0	22,514.5	2,519.0	237	350
07/24/24	13:46	22,489.5	2,516.2	94	0.0	0.0	22,489.5	2,516.2	237	350
07/24/24	13:47	22,509.0	2,518.4	94	0.0	0.0	22,509.0	2,518.4	237	350
07/24/24	13:48	22,486.6	2,515.9	94	0.0	0.0	22,486.6	2,515.9	237	350
07/24/24	13:49	22,467.1	2,513.7	94	0.0	0.0	22,467.1	2,513.7	237	350
07/24/24	13:50	22,508.1	2,518.3	94	0.0	0.0	22,508.1	2,518.3	237	350
07/24/24	13:51	22,487.3	2,515.9	93	0.0	0.0	22,487.3	2,515.9	237	350
07/24/24	13:52	22,488.9	2,516.1	94	0.0	0.0	22,488.9	2,516.1	237	350
07/24/24	13:53	22,471.7	2,514.2	94	0.0	0.0	22,471.7	2,514.2	237	350
07/24/24	13:54	22,506.8	2,518.1	94	0.0	0.0	22,506.8	2,518.1	237	350
07/24/24	13:55	22,495.0	2,516.8	94	0.0	0.0	22,495.0	2,516.8	237	350
07/24/24	13:56	22,470.6	2,514.1	94	0.0	0.0	22,470.6	2,514.1	237	350
07/24/24	13:57	22,489.9	2,516.2	94	0.0	0.0	22,489.9	2,516.2	237	350
07/24/24	13:58	22,534.5	2,521.2	94	0.0	0.0	22,534.5	2,521.2	237	350
07/24/24	13:59	22,479.1	2,515.0	94	0.0	0.0	22,479.1	2,515.0	237	350
07/24/24	14:00	22,517.8	2,519.4	94	0.0	0.0	22,517.8	2,519.4	237	350
07/24/24	14:01	22,498.0	2,517.2	94	0.0	0.0	22,498.0	2,517.2	237	350
07/24/24	14:02	22,489.1	2,516.2	94	0.0	0.0	22,489.1	2,516.2	237	350
07/24/24	14:03	22,462.4	2,513.2	94	0.0	0.0	22,462.4	2,513.2	237	350
07/24/24	14:04	22,493.3	2,516.6	94	0.0	0.0	22,493.3	2,516.6	237	350
07/24/24	14:05	22,458.6	2,512.7	94	0.0	0.0	22,458.6	2,512.7	237	350
07/24/24	14:06	22,488.5	2,516.1	94	0.0	0.0	22,488.5	2,516.1	236	350
07/24/24	14:07	22,503.3	2,517.7	94	0.0	0.0	22,503.3	2,517.7	237	350
07/24/24	14:08	22,476.5	2,514.7	94	0.0	0.0	22,476.5	2,514.7	237	350
07/24/24	14:09	22,449.4	2,511.7	94	0.0	0.0	22,449.4	2,511.7	237	350
07/24/24	14:10	22,470.1	2,514.0	94	0.0	0.0	22,470.1	2,514.0	237	350
07/24/24	14:11	22,457.0	2,512.6	94	0.0	0.0	22,457.0	2,512.6	237	350
07/24/24	14:12	22,461.4	2,511.7	93	0.0	0.0	22,461.4	2,511.7	236	349
07/24/24	14:13	22,485.1	2,514.0	94	0.0	0.0	22,485.1	2,514.0	237	350
07/24/24	14:14	22,479.4	2,513.4	94	0.0	0.0	22,479.4	2,513.4	237	350
07/24/24	14:15	22,499.6	2,515.7	94	0.0	0.0	22,499.6	2,515.7	237	350
07/24/24	14:16	22,580.0	2,524.7	94	0.0	0.0	22,580.0	2,524.7	237	350
07/24/24	14:17	22,517.0	2,517.6	94	0.0	0.0	22,517.0	2,517.6	237	350
07/24/24	14:18	22,509.6	2,516.8	94	0.0	0.0	22,509.6	2,516.8	237	350
07/24/24	14:19	22,523.7	2,518.4	94	0.0	0.0	22,523.7	2,518.4	237	350
07/24/24	14:20	22,472.6	2,512.7	94	0.0	0.0	22,472.6	2,512.7	236	350
07/24/24	14:21	22,464.2	2,511.7	94	0.0	0.0	22,464.2	2,511.7	237	350
07/24/24	14:22	22,501.9	2,515.9	94	0.0	0.0	22,501.9	2,515.9	237	350
07/24/24	14:23	22,450.5	2,510.2	93	0.0	0.0	22,450.5	2,510.2	236	349
07/24/24	14:24	22,486.5	2,514.2	94	0.0	0.0	22,486.5	2,514.2	237	350
07/24/24	14:25	22,495.0	2,515.2	94	0.0	0.0	22,495.0	2,515.2	237	350
07/24/24	14:26	22,471.5	2,512.5	94	0.0	0.0	22,471.5	2,512.5	237	350
07/24/24	14:27	22,503.1	2,516.1	94	0.0	0.0	22,503.1	2,516.1	237	350
07/24/24	14:28	22,487.2	2,514.3	94	0.0	0.0	22,487.2	2,514.3	237	350
07/24/24	14:29	22,496.3	2,515.3	94	0.0	0.0	22,496.3	2,515.3	237	350
07/24/24	14:30	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	14:31	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

07/24/24	14:32	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	14:33	22,498.3	2,515.5	94	0.0	0.0	22,498.3	2,515.5	237	350
07/24/24	14:34	22,480.2	2,513.5	93	0.0	0.0	22,480.2	2,513.5	237	350
07/24/24	14:35	22,503.0	2,516.1	94	0.0	0.0	22,503.0	2,516.1	237	350
07/24/24	14:36	22,477.1	2,513.2	94	0.0	0.0	22,477.1	2,513.2	236	350
07/24/24	14:37	22,482.4	2,513.7	94	0.0	0.0	22,482.4	2,513.7	237	350
07/24/24	14:38	22,513.0	2,517.2	94	0.0	0.0	22,513.0	2,517.2	237	350
07/24/24	14:39	22,496.7	2,515.3	94	0.0	0.0	22,496.7	2,515.3	237	350
07/24/24	14:40	22,491.3	2,514.7	94	0.0	0.0	22,491.3	2,514.7	237	350
07/24/24	14:41	22,457.1	2,510.9	94	0.0	0.0	22,457.1	2,510.9	237	350
07/24/24	14:42	22,498.7	2,515.6	94	0.0	0.0	22,498.7	2,515.6	237	350
07/24/24	14:43	22,543.2	2,520.6	94	0.0	0.0	22,543.2	2,520.6	237	350
07/24/24	14:44	22,463.1	2,511.6	94	0.0	0.0	22,463.1	2,511.6	236	350
07/24/24	14:45	22,468.4	2,512.2	94	0.0	0.0	22,468.4	2,512.2	237	350
07/24/24	14:46	22,497.8	2,515.5	94	0.0	0.0	22,497.8	2,515.5	237	350
07/24/24	14:47	22,502.9	2,516.0	94	0.0	0.0	22,502.9	2,516.0	237	350
07/24/24	14:48	22,503.3	2,516.1	94	0.0	0.0	22,503.3	2,516.1	237	350
07/24/24	14:49	22,468.5	2,512.2	94	0.0	0.0	22,468.5	2,512.2	237	350
07/24/24	14:50	22,508.9	2,516.7	94	0.0	0.0	22,508.9	2,516.7	237	350
07/24/24	14:51	22,493.1	2,514.9	94	0.0	0.0	22,493.1	2,514.9	237	350
07/24/24	14:52	22,497.3	2,515.4	94	0.0	0.0	22,497.3	2,515.4	237	350
07/24/24	14:53	22,486.3	2,514.2	94	0.0	0.0	22,486.3	2,514.2	236	349
07/24/24	14:54	22,481.2	2,513.6	93	0.0	0.0	22,481.2	2,513.6	236	349
07/24/24	14:55	22,503.3	2,516.1	94	0.0	0.0	22,503.3	2,516.1	237	350
07/24/24	14:56	22,454.8	2,510.7	94	0.0	0.0	22,454.8	2,510.7	236	349
07/24/24	14:57	22,497.8	2,515.5	94	0.0	0.0	22,497.8	2,515.5	236	349
07/24/24	14:58	22,481.5	2,513.6	94	0.0	0.0	22,481.5	2,513.6	236	349
07/24/24	14:59	22,466.4	2,512.0	94	0.0	0.0	22,466.4	2,512.0	236	349
07/24/24	15:00	22,475.1	2,512.9	94	0.0	0.0	22,475.1	2,512.9	236	349
07/24/24	15:01	22,452.0	2,510.4	94	0.0	0.0	22,452.0	2,510.4	236	349
07/24/24	15:02	22,494.4	2,515.1	94	0.0	0.0	22,494.4	2,515.1	237	350
07/24/24	15:03	22,446.7	2,509.8	93	0.0	0.0	22,446.7	2,509.8	236	349
07/24/24	15:04	22,483.2	2,513.8	94	0.0	0.0	22,483.2	2,513.8	236	349
07/24/24	15:05	22,479.3	2,513.4	93	0.0	0.0	22,479.3	2,513.4	236	349
07/24/24	15:06	22,492.0	2,514.8	93	0.0	0.0	22,492.0	2,514.8	236	349
07/24/24	15:07	22,502.6	2,516.0	94	0.0	0.0	22,502.6	2,516.0	236	349
07/24/24	15:08	22,463.5	2,511.6	94	0.0	0.0	22,463.5	2,511.6	236	349
07/24/24	15:09	22,457.2	2,510.9	93	0.0	0.0	22,457.2	2,510.9	236	348
07/24/24	15:10	22,463.1	2,511.6	94	0.0	0.0	22,463.1	2,511.6	236	349
07/24/24	15:11	22,455.8	2,510.7	94	0.0	0.0	22,455.8	2,510.7	236	348
07/24/24	15:12	22,415.1	2,506.1	93	0.0	0.0	22,415.1	2,506.1	235	348
07/24/24	15:13	22,443.6	2,509.3	94	0.0	0.0	22,443.6	2,509.3	235	348
07/24/24	15:14	22,440.2	2,508.9	94	0.0	0.0	22,440.2	2,508.9	236	348
07/24/24	15:15	22,474.4	2,512.8	94	0.0	0.0	22,474.4	2,512.8	236	349
07/24/24	15:16	22,439.3	2,508.8	94	0.0	0.0	22,439.3	2,508.8	236	348
07/24/24	15:17	22,474.7	2,512.8	94	0.0	0.0	22,474.7	2,512.8	236	348
07/24/24	15:18	22,445.3	2,509.5	94	0.0	0.0	22,445.3	2,509.5	236	349
07/24/24	15:19	22,450.2	2,510.0	93	0.0	0.0	22,450.2	2,510.0	235	348
07/24/24	15:20	22,444.5	2,509.4	93	0.0	0.0	22,444.5	2,509.4	236	348
07/24/24	15:21	22,484.5	2,513.9	94	0.0	0.0	22,484.5	2,513.9	236	348
07/24/24	15:22	22,471.8	2,512.5	94	0.0	0.0	22,471.8	2,512.5	236	349
07/24/24	15:23	22,457.7	2,510.9	94	0.0	0.0	22,457.7	2,510.9	236	349
07/24/24	15:24	22,448.0	2,509.8	94	0.0	0.0	22,448.0	2,509.8	236	349
07/24/24	15:25	22,510.1	2,516.7	94	0.0	0.0	22,510.1	2,516.7	236	349
07/24/24	15:26	22,490.9	2,514.6	94	0.0	0.0	22,490.9	2,514.6	236	349
07/24/24	15:27	22,466.4	2,511.9	94	0.0	0.0	22,466.4	2,511.9	236	349
07/24/24	15:28	22,480.3	2,513.4	93	0.0	0.0	22,480.3	2,513.4	236	349
07/24/24	15:29	22,504.0	2,516.1	94	0.0	0.0	22,504.0	2,516.1	236	349
07/24/24	15:30	22,518.5	2,517.7	94	0.0	0.0	22,518.5	2,517.7	236	349
07/24/24	15:31	22,491.8	2,514.7	94	0.0	0.0	22,491.8	2,514.7	236	349
07/24/24	15:32	22,503.6	2,516.0	94	0.0	0.0	22,503.6	2,516.0	236	349
07/24/24	15:33	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	15:34	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	15:35	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	15:36	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	15:37	22,462.2	2,511.4	94	0.0	0.0	22,462.2	2,511.4	235	348
07/24/24	15:38	22,454.6	2,510.5	94	0.0	0.0	22,454.6	2,510.5	236	348
07/24/24	15:39	22,501.5	2,515.8	94	0.0	0.0	22,501.5	2,515.8	236	348
07/24/24	15:40	22,482.3	2,513.6	94	0.0	0.0	22,482.3	2,513.6	236	348
07/24/24	15:41	22,464.3	2,511.6	94	0.0	0.0	22,464.3	2,511.6	236	348
07/24/24	15:42	22,517.8	2,517.6	94	0.0	0.0	22,517.8	2,517.6	236	349
07/24/24	15:43	22,529.3	2,518.9	94	0.0	0.0	22,529.3	2,518.9	236	349
07/24/24	15:44	22,476.9	2,513.0	93	0.0	0.0	22,476.9	2,513.0	236	348

07/24/24	15:45	22,483.9	2,513.8	94	0.0	0.0	22,483.9	2,513.8	236	349
07/24/24	15:46	22,466.7	2,511.9	94	0.0	0.0	22,466.7	2,511.9	236	348
07/24/24	15:47	22,521.4	2,518.0	94	0.0	0.0	22,521.4	2,518.0	236	349
07/24/24	15:48	22,505.8	2,516.3	94	0.0	0.0	22,505.8	2,516.3	236	349
07/24/24	15:49	22,446.3	2,509.6	94	0.0	0.0	22,446.3	2,509.6	236	348
07/24/24	15:50	22,466.4	2,511.9	93	0.0	0.0	22,466.4	2,511.9	235	348
07/24/24	15:51	22,479.7	2,513.3	94	0.0	0.0	22,479.7	2,513.3	236	349
07/24/24	15:52	22,467.5	2,512.0	94	0.0	0.0	22,467.5	2,512.0	236	348
07/24/24	15:53	22,488.7	2,514.4	94	0.0	0.0	22,488.7	2,514.4	236	348
07/24/24	15:54	22,463.0	2,511.5	94	0.0	0.0	22,463.0	2,511.5	236	348
07/24/24	15:55	22,465.6	2,511.8	94	0.0	0.0	22,465.6	2,511.8	236	348
07/24/24	15:56	22,438.3	2,508.7	93	0.0	0.0	22,438.3	2,508.7	235	348
07/24/24	15:57	22,497.2	2,515.3	94	0.0	0.0	22,497.2	2,515.3	236	349
07/24/24	15:58	22,475.2	2,512.8	94	0.0	0.0	22,475.2	2,512.8	236	349
07/24/24	15:59	22,535.1	2,519.5	94	0.0	0.0	22,535.1	2,519.5	236	349
07/24/24	16:00	22,509.5	2,516.7	94	0.0	0.0	22,509.5	2,516.7	236	349
07/24/24	16:01	22,505.6	2,516.2	94	0.0	0.0	22,505.6	2,516.2	236	349
07/24/24	16:02	22,512.5	2,517.0	94	0.0	0.0	22,512.5	2,517.0	236	349
07/24/24	16:03	22,501.1	2,515.7	94	0.0	0.0	22,501.1	2,515.7	236	349
07/24/24	16:04	22,536.2	2,519.7	94	0.0	0.0	22,536.2	2,519.7	236	349
07/24/24	16:05	22,501.4	2,515.8	94	0.0	0.0	22,501.4	2,515.8	236	349
07/24/24	16:06	22,504.1	2,516.1	94	0.0	0.0	22,504.1	2,516.1	236	349
07/24/24	16:07	22,524.0	2,518.3	94	0.0	0.0	22,524.0	2,518.3	236	349
07/24/24	16:08	22,487.7	2,514.2	94	0.0	0.0	22,487.7	2,514.2	236	349
07/24/24	16:09	22,493.9	2,514.9	94	0.0	0.0	22,493.9	2,514.9	236	349
07/24/24	16:10	22,464.7	2,511.7	94	0.0	0.0	22,464.7	2,511.7	236	349
07/24/24	16:11	22,463.0	2,508.7	94	0.0	0.0	22,463.0	2,508.7	236	349
07/24/24	16:12	22,516.0	2,514.0	94	0.0	0.0	22,516.0	2,514.0	236	349
07/24/24	16:13	22,532.6	2,515.9	94	0.0	0.0	22,532.6	2,515.9	236	349
07/24/24	16:14	22,548.4	2,517.7	94	0.0	0.0	22,548.4	2,517.7	236	349
07/24/24	16:15	22,466.2	2,508.5	93	0.0	0.0	22,466.2	2,508.5	235	348
07/24/24	16:16	22,505.5	2,512.9	94	0.0	0.0	22,505.5	2,512.9	236	349
07/24/24	16:17	22,512.8	2,513.7	94	0.0	0.0	22,512.8	2,513.7	236	349
07/24/24	16:18	22,508.5	2,513.2	94	0.0	0.0	22,508.5	2,513.2	236	349
07/24/24	16:19	22,528.8	2,515.5	94	0.0	0.0	22,528.8	2,515.5	236	349
07/24/24	16:20	22,578.1	2,521.0	94	0.0	0.0	22,578.1	2,521.0	237	349
07/24/24	16:21	22,531.4	2,515.8	93	0.0	0.0	22,531.4	2,515.8	236	349
07/24/24	16:22	22,527.2	2,515.3	94	0.0	0.0	22,527.2	2,515.3	237	349
07/24/24	16:23	22,538.9	2,516.6	94	0.0	0.0	22,538.9	2,516.6	236	349
07/24/24	16:24	22,555.9	2,518.5	94	0.0	0.0	22,555.9	2,518.5	236	349
07/24/24	16:25	22,550.5	2,517.9	94	0.0	0.0	22,550.5	2,517.9	236	349
07/24/24	16:26	22,534.9	2,516.1	94	0.0	0.0	22,534.9	2,516.1	236	349
07/24/24	16:27	22,518.5	2,514.3	94	0.0	0.0	22,518.5	2,514.3	236	349
07/24/24	16:28	22,566.7	2,519.7	94	0.0	0.0	22,566.7	2,519.7	237	350
07/24/24	16:29	22,553.2	2,518.2	94	0.0	0.0	22,553.2	2,518.2	236	349
07/24/24	16:30	22,530.8	2,515.7	94	0.0	0.0	22,530.8	2,515.7	236	349
07/24/24	16:31	22,534.8	2,516.1	94	0.0	0.0	22,534.8	2,516.1	236	350
07/24/24	16:32	22,522.3	2,514.7	94	0.0	0.0	22,522.3	2,514.7	236	349
07/24/24	16:33	22,544.3	2,517.2	94	0.0	0.0	22,544.3	2,517.2	236	350
07/24/24	16:34	22,501.3	2,512.4	94	0.0	0.0	22,501.3	2,512.4	236	349
07/24/24	16:35	22,574.1	2,520.5	94	0.0	0.0	22,574.1	2,520.5	237	350
07/24/24	16:36	22,532.8	2,515.9	94	0.0	0.0	22,532.8	2,515.9	236	349
07/24/24	16:37	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	16:38	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	16:39	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	16:40	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	16:41	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/24/24	16:42	22,560.3	2,519.0	94	0.0	0.0	22,560.3	2,519.0	237	350
07/24/24	16:43	22,568.8	2,519.9	94	0.0	0.0	22,568.8	2,519.9	237	350
07/24/24	16:44	22,573.4	2,520.4	94	0.0	0.0	22,573.4	2,520.4	237	350
07/24/24	16:45	22,560.9	2,519.1	94	0.0	0.0	22,560.9	2,519.1	237	350
07/24/24	16:46	22,580.8	2,521.3	94	0.0	0.0	22,580.8	2,521.3	237	350
07/24/24	16:47	22,604.3	2,523.9	94	0.0	0.0	22,604.3	2,523.9	237	350
07/24/24	16:48	22,568.0	2,519.8	94	0.0	0.0	22,568.0	2,519.8	237	350
07/24/24	16:49	22,555.0	2,518.4	94	0.0	0.0	22,555.0	2,518.4	237	350
07/24/24	16:50	22,565.5	2,519.6	94	0.0	0.0	22,565.5	2,519.6	237	351
07/24/24	16:51	22,619.4	2,525.6	94	0.0	0.0	22,619.4	2,525.6	237	351
07/24/24	16:52	22,610.0	2,524.5	94	0.0	0.0	22,610.0	2,524.5	237	351
07/24/24	16:53	22,564.7	2,519.5	94	0.0	0.0	22,564.7	2,519.5	237	350
07/24/24	16:54	22,577.5	2,520.9	94	0.0	0.0	22,577.5	2,520.9	237	350
07/24/24	16:55	22,596.9	2,523.1	94	0.0	0.0	22,596.9	2,523.1	237	350
07/24/24	16:56	22,577.6	2,520.9	94	0.0	0.0	22,577.6	2,520.9	237	350
07/24/24	16:57	22,572.9	2,520.4	94	0.0	0.0	22,572.9	2,520.4	237	350
07/24/24	16:58	22,611.6	2,524.7	94	0.0	0.0	22,611.6	2,524.7	237	350

07/24/24	16:59	22,572.0	2,520.3	94	0.0	0.0	22,572.0	2,520.3	237	350
07/24/24	17:00	22,621.5	2,525.8	94	0.0	0.0	22,621.5	2,525.8	237	351
07/24/24	17:01	22,593.6	2,522.7	94	0.0	0.0	22,593.6	2,522.7	237	351
07/24/24	17:02	22,588.8	2,522.2	94	0.0	0.0	22,588.8	2,522.2	237	350
07/24/24	17:03	22,584.5	2,521.7	94	0.0	0.0	22,584.5	2,521.7	237	350
07/24/24	17:04	22,574.5	2,520.6	94	0.0	0.0	22,574.5	2,520.6	237	350
07/24/24	17:05	22,555.7	2,518.5	94	0.0	0.0	22,555.7	2,518.5	237	350
07/24/24	17:06	22,561.1	2,519.1	94	0.0	0.0	22,561.1	2,519.1	237	350
07/24/24	17:07	22,576.6	2,520.8	94	0.0	0.0	22,576.6	2,520.8	237	350
07/24/24	17:08	22,631.7	2,527.0	94	0.0	0.0	22,631.7	2,527.0	237	351
07/24/24	17:09	22,534.4	2,516.1	94	0.0	0.0	22,534.4	2,516.1	237	350
07/24/24	17:10	22,574.7	2,520.6	94	0.0	0.0	22,574.7	2,520.6	237	350
07/24/24	17:11	22,627.4	2,510.0	94	0.0	0.0	22,627.4	2,510.0	237	350
07/24/24	17:12	22,653.8	2,509.6	94	0.0	0.0	22,653.8	2,509.6	237	350
07/24/24	17:13	22,650.0	2,509.2	94	0.0	0.0	22,650.0	2,509.2	237	350
07/24/24	17:14	22,644.4	2,508.5	94	0.0	0.0	22,644.4	2,508.5	237	350
07/24/24	17:15	22,666.5	2,511.0	94	0.0	0.0	22,666.5	2,511.0	237	350
07/24/24	17:16	22,656.7	2,509.9	94	0.0	0.0	22,656.7	2,509.9	237	350
07/24/24	17:17	22,662.6	2,510.6	94	0.0	0.0	22,662.6	2,510.6	237	351
07/24/24	17:18	22,632.1	2,507.2	94	0.0	0.0	22,632.1	2,507.2	237	350
07/24/24	17:19	22,681.5	2,512.6	94	0.0	0.0	22,681.5	2,512.6	238	351
07/24/24	17:20	22,681.2	2,512.6	94	0.0	0.0	22,681.2	2,512.6	237	351
07/24/24	17:21	22,727.7	2,517.8	94	0.0	0.0	22,727.7	2,517.8	238	351
07/24/24	17:22	22,675.6	2,512.0	94	0.0	0.0	22,675.6	2,512.0	237	351
07/24/24	17:23	22,663.3	2,510.6	94	0.0	0.0	22,663.3	2,510.6	237	351
07/24/24	17:24	22,680.0	2,512.5	94	0.0	0.0	22,680.0	2,512.5	238	351
07/24/24	17:25	22,723.1	2,517.3	94	0.0	0.0	22,723.1	2,517.3	237	351
07/24/24	17:26	22,674.6	2,511.9	94	0.0	0.0	22,674.6	2,511.9	237	351
07/24/24	17:27	22,694.7	2,514.1	94	0.0	0.0	22,694.7	2,514.1	238	351
07/24/24	17:28	22,702.5	2,515.0	94	0.0	0.0	22,702.5	2,515.0	237	351
07/24/24	17:29	22,694.8	2,514.1	94	0.0	0.0	22,694.8	2,514.1	237	351
07/24/24	17:30	22,681.9	2,512.7	94	0.0	0.0	22,681.9	2,512.7	237	351
07/24/24	17:31	22,680.6	2,512.5	94	0.0	0.0	22,680.6	2,512.5	238	351
07/24/24	17:32	22,674.5	2,511.9	94	0.0	0.0	22,674.5	2,511.9	237	351
07/24/24	17:33	22,694.2	2,514.1	94	0.0	0.0	22,694.2	2,514.1	237	351
07/24/24	17:34	22,640.9	2,508.1	94	0.0	0.0	22,640.9	2,508.1	237	350
07/24/24	17:35	22,659.1	2,510.2	94	0.0	0.0	22,659.1	2,510.2	237	350
07/24/24	17:36	22,708.7	2,515.7	94	0.0	0.0	22,708.7	2,515.7	238	351
07/24/24	17:37	22,646.0	2,508.7	94	0.0	0.0	22,646.0	2,508.7	237	350
07/24/24	17:38	22,707.3	2,515.5	94	0.0	0.0	22,707.3	2,515.5	238	351
07/24/24	17:39	22,658.4	2,510.1	94	0.0	0.0	22,658.4	2,510.1	237	350
07/24/24	17:40	22,653.5	2,509.5	94	0.0	0.0	22,653.5	2,509.5	237	350
07/24/24	17:41	22,656.4	2,509.9	94	0.0	0.0	22,656.4	2,509.9	237	350
Average		22,523.9	2,514.9	94	0.0	0.0	22,523.9	2,514.9	237	350
Minimum		22,407.2	2,506.1	93	0.0	0.0	22,407.2	2,506.1	235	348
Maximum		22,727.7	2,527.0	94	0.0	0.0	22,727.7	2,527.0	238	351
Summation		5,405,744.3	603,567.1	22,465	0.0	0.0	5,405,744.3	603,567.1	56,762	83,899
Included Data Points		240	240	240	240	240	240	240	240	240
Total Number of Data Points		252	252	252	252	252	252	252	252	252

F = Unit Offline **E = Exceedance** **C = Calibration** **S = Substituted** **U - Startup**
I = Invalid **M = Maintetance** **T = Out Of Control** *** = Suspect** **D - Shutdown**

Unit 2 PM Performance Test (4-Hr Run) - Run 3

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 07/25/2024 06:55 Through 07/25/2024 11:04

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT02								
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
07/25/24	6:55	23,111.0	2,580.4	94	0.0	0.0	23,111.0	2,580.4	247	365
07/25/24	6:56	23,050.7	2,573.7	94	0.0	0.0	23,050.7	2,573.7	247	364
07/25/24	6:57	23,035.3	2,572.0	94	0.0	0.0	23,035.3	2,572.0	247	364
07/25/24	6:58	23,028.5	2,571.2	94	0.0	0.0	23,028.5	2,571.2	247	365
07/25/24	6:59	22,989.5	2,566.9	94	0.0	0.0	22,989.5	2,566.9	247	364
07/25/24	7:00	23,009.5	2,569.1	94	0.0	0.0	23,009.5	2,569.1	247	364
07/25/24	7:01	22,992.0	2,567.2	94	0.0	0.0	22,992.0	2,567.2	247	364
07/25/24	7:02	22,958.8	2,563.4	94	0.0	0.0	22,958.8	2,563.4	247	364
07/25/24	7:03	22,986.4	2,566.5	94	0.0	0.0	22,986.4	2,566.5	247	364
07/25/24	7:04	22,922.1	2,559.4	94	0.0	0.0	22,922.1	2,559.4	246	363
07/25/24	7:05	22,936.7	2,561.0	94	0.0	0.0	22,936.7	2,561.0	246	364
07/25/24	7:06	22,888.0	2,555.5	94	0.0	0.0	22,888.0	2,555.5	247	364
07/25/24	7:07	22,891.3	2,555.9	94	0.0	0.0	22,891.3	2,555.9	246	363
07/25/24	7:08	22,845.3	2,550.8	94	0.0	0.0	22,845.3	2,550.8	246	363
07/25/24	7:09	22,839.0	2,550.1	94	0.0	0.0	22,839.0	2,550.1	246	363
07/25/24	7:10	22,838.1	2,550.0	94	0.0	0.0	22,838.1	2,550.0	246	363
07/25/24	7:11	22,788.0	2,555.1	94	0.0	0.0	22,788.0	2,555.1	246	363
07/25/24	7:12	22,777.0	2,556.0	94	0.0	0.0	22,777.0	2,556.0	246	363
07/25/24	7:13	22,816.1	2,560.4	94	0.0	0.0	22,816.1	2,560.4	246	363
07/25/24	7:14	22,782.1	2,556.5	94	0.0	0.0	22,782.1	2,556.5	246	363
07/25/24	7:15	22,725.2	2,550.2	94	0.0	0.0	22,725.2	2,550.2	246	363
07/25/24	7:16	22,704.2	2,547.8	94	0.0	0.0	22,704.2	2,547.8	246	363
07/25/24	7:17	22,669.3	2,543.9	94	0.0	0.0	22,669.3	2,543.9	245	362
07/25/24	7:18	22,700.4	2,547.4	94	0.0	0.0	22,700.4	2,547.4	246	362
07/25/24	7:19	22,640.9	2,540.7	94	0.0	0.0	22,640.9	2,540.7	245	362
07/25/24	7:20	22,593.8	2,535.4	94	0.0	0.0	22,593.8	2,535.4	245	362
07/25/24	7:21	22,633.9	2,539.9	94	0.0	0.0	22,633.9	2,539.9	245	362
07/25/24	7:22	22,585.5	2,534.5	94	0.0	0.0	22,585.5	2,534.5	245	361
07/25/24	7:23	22,580.4	2,533.9	94	0.0	0.0	22,580.4	2,533.9	245	362
07/25/24	7:24	22,532.1	2,528.5	94	0.0	0.0	22,532.1	2,528.5	245	361
07/25/24	7:25	22,551.3	2,530.6	94	0.0	0.0	22,551.3	2,530.6	245	361
07/25/24	7:26	22,529.6	2,528.2	94	0.0	0.0	22,529.6	2,528.2	245	361
07/25/24	7:27	22,488.9	2,523.7	94	0.0	0.0	22,488.9	2,523.7	245	361
07/25/24	7:28	22,482.2	2,522.9	94	0.0	0.0	22,482.2	2,522.9	245	361
07/25/24	7:29	22,472.8	2,521.8	94	0.0	0.0	22,472.8	2,521.8	244	361
07/25/24	7:30	22,492.0	2,524.0	94	0.0	0.0	22,492.0	2,524.0	244	361
07/25/24	7:31	22,477.0	2,522.3	94	0.0	0.0	22,477.0	2,522.3	244	361
07/25/24	7:32	22,451.8	2,519.5	94	0.0	0.0	22,451.8	2,519.5	244	361
07/25/24	7:33	22,450.7	2,519.4	94	0.0	0.0	22,450.7	2,519.4	244	361
07/25/24	7:34	22,414.8	2,515.3	94	0.0	0.0	22,414.8	2,515.3	244	360
07/25/24	7:35	22,408.8	2,514.7	94	0.0	0.0	22,408.8	2,514.7	244	360
07/25/24	7:36	22,395.1	2,513.1	94	0.0	0.0	22,395.1	2,513.1	244	361
07/25/24	7:37	22,369.0	2,510.2	94	0.0	0.0	22,369.0	2,510.2	244	360
07/25/24	7:38	22,371.7	2,510.5	94	0.0	0.0	22,371.7	2,510.5	244	360
07/25/24	7:39	22,366.4	2,509.9	94	0.0	0.0	22,366.4	2,509.9	244	360
07/25/24	7:40	22,387.9	2,512.3	94	0.0	0.0	22,387.9	2,512.3	244	360
07/25/24	7:41	22,362.6	2,509.5	94	0.0	0.0	22,362.6	2,509.5	244	360
07/25/24	7:42	22,298.0	2,502.2	94	0.0	0.0	22,298.0	2,502.2	243	360
07/25/24	7:43	22,316.4	2,504.3	94	0.0	0.0	22,316.4	2,504.3	243	360
07/25/24	7:44	22,322.2	2,504.9	94	0.0	0.0	22,322.2	2,504.9	244	360
07/25/24	7:45	22,300.0	2,502.4	94	0.0	0.0	22,300.0	2,502.4	244	360
07/25/24	7:46	22,285.0	2,500.8	94	0.0	0.0	22,285.0	2,500.8	243	359
07/25/24	7:47	22,292.1	2,501.6	94	0.0	0.0	22,292.1	2,501.6	243	360
07/25/24	7:48	22,332.9	2,506.1	94	0.0	0.0	22,332.9	2,506.1	243	360
07/25/24	7:49	22,343.9	2,507.4	94	0.0	0.0	22,343.9	2,507.4	243	360
07/25/24	7:50	22,376.3	2,511.0	94	0.0	0.0	22,376.3	2,511.0	243	359
07/25/24	7:51	22,364.6	2,509.7	94	0.0	0.0	22,364.6	2,509.7	243	359
07/25/24	7:52	22,316.5	2,504.3	94	0.0	0.0	22,316.5	2,504.3	243	359
07/25/24	7:53	22,341.4	2,507.1	94	0.0	0.0	22,341.4	2,507.1	243	359
07/25/24	7:54	22,372.2	2,510.6	94	0.0	0.0	22,372.2	2,510.6	243	359
07/25/24	7:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/25/24	7:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

07/25/24	7:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/25/24	7:58	22,323.4	2,505.1	94	0.0	0.0	22,323.4	2,505.1	243	359
07/25/24	7:59	22,362.8	2,509.5	94	0.0	0.0	22,362.8	2,509.5	243	359
07/25/24	8:00	22,366.3	2,509.9	94	0.0	0.0	22,366.3	2,509.9	243	359
07/25/24	8:01	22,402.6	2,514.0	94	0.0	0.0	22,402.6	2,514.0	243	359
07/25/24	8:02	22,363.1	2,509.5	94	0.0	0.0	22,363.1	2,509.5	243	359
07/25/24	8:03	22,352.6	2,508.4	94	0.0	0.0	22,352.6	2,508.4	243	359
07/25/24	8:04	22,325.4	2,505.3	94	0.0	0.0	22,325.4	2,505.3	242	358
07/25/24	8:05	22,381.2	2,511.6	94	0.0	0.0	22,381.2	2,511.6	243	359
07/25/24	8:06	22,359.5	2,509.1	94	0.0	0.0	22,359.5	2,509.1	242	358
07/25/24	8:07	22,363.1	2,509.5	94	0.0	0.0	22,363.1	2,509.5	242	358
07/25/24	8:08	22,368.4	2,510.1	94	0.0	0.0	22,368.4	2,510.1	243	358
07/25/24	8:09	22,319.6	2,504.7	94	0.0	0.0	22,319.6	2,504.7	242	358
07/25/24	8:10	22,381.1	2,511.6	94	0.0	0.0	22,381.1	2,511.6	242	358
07/25/24	8:11	22,382.1	2,511.7	94	0.0	0.0	22,382.1	2,511.7	242	358
07/25/24	8:12	22,386.7	2,515.2	94	0.0	0.0	22,386.7	2,515.2	242	358
07/25/24	8:13	22,385.6	2,515.7	94	0.0	0.0	22,385.6	2,515.7	242	358
07/25/24	8:14	22,356.2	2,512.4	94	0.0	0.0	22,356.2	2,512.4	242	358
07/25/24	8:15	22,395.5	2,516.8	94	0.0	0.0	22,395.5	2,516.8	242	358
07/25/24	8:16	22,373.2	2,514.3	94	0.0	0.0	22,373.2	2,514.3	242	358
07/25/24	8:17	22,413.5	2,518.8	94	0.0	0.0	22,413.5	2,518.8	242	358
07/25/24	8:18	22,361.5	2,513.0	94	0.0	0.0	22,361.5	2,513.0	242	358
07/25/24	8:19	22,355.4	2,512.3	94	0.0	0.0	22,355.4	2,512.3	242	357
07/25/24	8:20	22,356.8	2,512.4	94	0.0	0.0	22,356.8	2,512.4	242	357
07/25/24	8:21	22,374.4	2,514.4	94	0.0	0.0	22,374.4	2,514.4	242	357
07/25/24	8:22	22,401.3	2,517.4	94	0.0	0.0	22,401.3	2,517.4	242	357
07/25/24	8:23	22,390.9	2,516.3	94	0.0	0.0	22,390.9	2,516.3	242	357
07/25/24	8:24	22,386.9	2,515.8	94	0.0	0.0	22,386.9	2,515.8	242	357
07/25/24	8:25	22,398.2	2,517.1	94	0.0	0.0	22,398.2	2,517.1	242	357
07/25/24	8:26	22,454.2	2,523.4	94	0.0	0.0	22,454.2	2,523.4	242	357
07/25/24	8:27	22,413.4	2,518.8	94	0.0	0.0	22,413.4	2,518.8	242	357
07/25/24	8:28	22,430.3	2,520.7	94	0.0	0.0	22,430.3	2,520.7	241	357
07/25/24	8:29	22,414.2	2,518.9	94	0.0	0.0	22,414.2	2,518.9	241	357
07/25/24	8:30	22,459.7	2,524.0	94	0.0	0.0	22,459.7	2,524.0	242	357
07/25/24	8:31	22,456.9	2,523.7	94	0.0	0.0	22,456.9	2,523.7	241	357
07/25/24	8:32	22,439.3	2,521.7	94	0.0	0.0	22,439.3	2,521.7	241	357
07/25/24	8:33	22,485.0	2,526.8	94	0.0	0.0	22,485.0	2,526.8	241	357
07/25/24	8:34	22,473.4	2,525.5	94	0.0	0.0	22,473.4	2,525.5	241	357
07/25/24	8:35	22,491.0	2,527.5	94	0.0	0.0	22,491.0	2,527.5	241	357
07/25/24	8:36	22,428.5	2,520.5	94	0.0	0.0	22,428.5	2,520.5	241	357
07/25/24	8:37	22,441.8	2,522.0	94	0.0	0.0	22,441.8	2,522.0	241	356
07/25/24	8:38	22,466.1	2,524.7	94	0.0	0.0	22,466.1	2,524.7	241	356
07/25/24	8:39	22,492.3	2,527.7	94	0.0	0.0	22,492.3	2,527.7	241	356
07/25/24	8:40	22,457.7	2,523.8	94	0.0	0.0	22,457.7	2,523.8	241	356
07/25/24	8:41	22,491.2	2,527.6	94	0.0	0.0	22,491.2	2,527.6	241	356
07/25/24	8:42	22,481.4	2,526.4	94	0.0	0.0	22,481.4	2,526.4	241	356
07/25/24	8:43	22,504.9	2,529.1	94	0.0	0.0	22,504.9	2,529.1	241	356
07/25/24	8:44	22,495.4	2,528.0	94	0.0	0.0	22,495.4	2,528.0	241	356
07/25/24	8:45	22,473.7	2,525.6	94	0.0	0.0	22,473.7	2,525.6	241	356
07/25/24	8:46	22,485.2	2,526.9	94	0.0	0.0	22,485.2	2,526.9	241	356
07/25/24	8:47	22,488.7	2,527.3	94	0.0	0.0	22,488.7	2,527.3	241	356
07/25/24	8:48	22,512.3	2,529.9	94	0.0	0.0	22,512.3	2,529.9	241	356
07/25/24	8:49	22,506.4	2,529.3	94	0.0	0.0	22,506.4	2,529.3	241	356
07/25/24	8:50	22,497.8	2,528.3	94	0.0	0.0	22,497.8	2,528.3	240	356
07/25/24	8:51	22,518.1	2,530.6	94	0.0	0.0	22,518.1	2,530.6	241	356
07/25/24	8:52	22,528.6	2,531.7	94	0.0	0.0	22,528.6	2,531.7	241	356
07/25/24	8:53	22,521.1	2,530.9	94	0.0	0.0	22,521.1	2,530.9	241	356
07/25/24	8:54	22,517.9	2,530.5	94	0.0	0.0	22,517.9	2,530.5	240	356
07/25/24	8:55	22,534.0	2,532.4	94	0.0	0.0	22,534.0	2,532.4	241	356
07/25/24	8:56	22,522.8	2,531.1	94	0.0	0.0	22,522.8	2,531.1	240	356
07/25/24	8:57	22,515.8	2,530.3	94	0.0	0.0	22,515.8	2,530.3	240	356
07/25/24	8:58	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/25/24	8:59	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/25/24	9:00	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/25/24	9:01	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/25/24	9:02	22,492.4	2,527.7	94	0.0	0.0	22,492.4	2,527.7	240	355
07/25/24	9:03	22,482.7	2,526.6	94	0.0	0.0	22,482.7	2,526.6	240	355
07/25/24	9:04	22,485.2	2,526.9	94	0.0	0.0	22,485.2	2,526.9	240	355
07/25/24	9:05	22,506.9	2,529.3	94	0.0	0.0	22,506.9	2,529.3	240	356
07/25/24	9:06	22,495.9	2,528.1	94	0.0	0.0	22,495.9	2,528.1	240	355
07/25/24	9:07	22,500.8	2,528.6	94	0.0	0.0	22,500.8	2,528.6	240	355

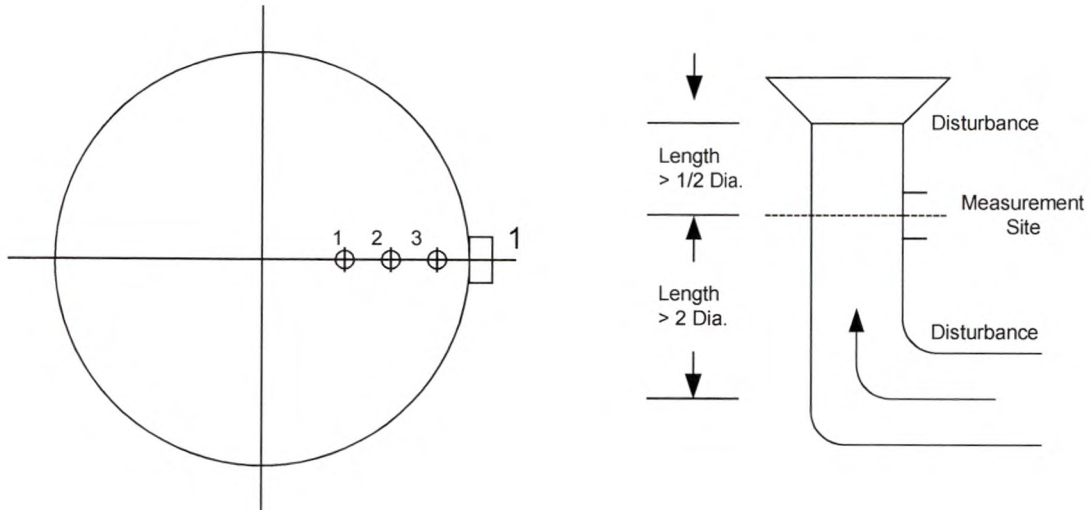
07/25/24	9:08	22,502.7	2,528.8	94	0.0	0.0	22,502.7	2,528.8	240	355
07/25/24	9:09	22,465.5	2,524.7	94	0.0	0.0	22,465.5	2,524.7	240	355
07/25/24	9:10	22,509.8	2,529.6	94	0.0	0.0	22,509.8	2,529.6	240	355
07/25/24	9:11	22,464.7	2,524.6	94	0.0	0.0	22,464.7	2,524.6	240	355
07/25/24	9:12	22,692.2	2,480.8	94	0.0	0.0	22,692.2	2,480.8	240	355
07/25/24	9:13	22,788.8	2,477.4	94	0.0	0.0	22,788.8	2,477.4	240	355
07/25/24	9:14	22,754.5	2,473.7	94	0.0	0.0	22,754.5	2,473.7	240	355
07/25/24	9:15	22,755.1	2,473.7	94	0.0	0.0	22,755.1	2,473.7	240	355
07/25/24	9:16	22,794.0	2,477.9	94	0.0	0.0	22,794.0	2,477.9	240	355
07/25/24	9:17	22,718.7	2,469.8	94	0.0	0.0	22,718.7	2,469.8	239	355
07/25/24	9:18	22,728.2	2,470.8	94	0.0	0.0	22,728.2	2,470.8	239	355
07/25/24	9:19	22,749.5	2,473.1	94	0.0	0.0	22,749.5	2,473.1	240	355
07/25/24	9:20	22,771.5	2,475.5	94	0.0	0.0	22,771.5	2,475.5	240	355
07/25/24	9:21	22,762.2	2,474.5	94	0.0	0.0	22,762.2	2,474.5	240	355
07/25/24	9:22	22,707.3	2,468.5	94	0.0	0.0	22,707.3	2,468.5	239	354
07/25/24	9:23	22,709.9	2,468.8	94	0.0	0.0	22,709.9	2,468.8	239	354
07/25/24	9:24	22,713.8	2,469.2	94	0.0	0.0	22,713.8	2,469.2	239	355
07/25/24	9:25	22,698.3	2,467.5	94	0.0	0.0	22,698.3	2,467.5	239	355
07/25/24	9:26	22,713.9	2,469.2	94	0.0	0.0	22,713.9	2,469.2	239	354
07/25/24	9:27	22,667.3	2,464.2	94	0.0	0.0	22,667.3	2,464.2	239	354
07/25/24	9:28	22,643.6	2,461.6	94	0.0	0.0	22,643.6	2,461.6	239	354
07/25/24	9:29	22,694.3	2,467.1	94	0.0	0.0	22,694.3	2,467.1	239	354
07/25/24	9:30	22,617.3	2,458.7	94	0.0	0.0	22,617.3	2,458.7	239	354
07/25/24	9:31	22,650.4	2,462.3	94	0.0	0.0	22,650.4	2,462.3	239	354
07/25/24	9:32	22,641.0	2,461.3	94	0.0	0.0	22,641.0	2,461.3	239	354
07/25/24	9:33	22,611.1	2,458.1	94	0.0	0.0	22,611.1	2,458.1	239	354
07/25/24	9:34	22,636.4	2,460.8	94	0.0	0.0	22,636.4	2,460.8	239	354
07/25/24	9:35	22,607.7	2,457.7	94	0.0	0.0	22,607.7	2,457.7	239	354
07/25/24	9:36	22,624.7	2,459.5	94	0.0	0.0	22,624.7	2,459.5	239	354
07/25/24	9:37	22,589.8	2,455.8	94	0.0	0.0	22,589.8	2,455.8	239	354
07/25/24	9:38	22,624.5	2,459.5	94	0.0	0.0	22,624.5	2,459.5	239	354
07/25/24	9:39	22,607.3	2,457.7	94	0.0	0.0	22,607.3	2,457.7	238	353
07/25/24	9:40	22,631.9	2,460.3	94	0.0	0.0	22,631.9	2,460.3	238	353
07/25/24	9:41	22,631.8	2,460.3	94	0.0	0.0	22,631.8	2,460.3	239	354
07/25/24	9:42	22,645.6	2,461.8	94	0.0	0.0	22,645.6	2,461.8	239	354
07/25/24	9:43	22,642.9	2,461.5	94	0.0	0.0	22,642.9	2,461.5	239	354
07/25/24	9:44	22,628.3	2,459.9	94	0.0	0.0	22,628.3	2,459.9	239	354
07/25/24	9:45	22,643.7	2,461.6	94	0.0	0.0	22,643.7	2,461.6	239	354
07/25/24	9:46	22,648.2	2,462.1	94	0.0	0.0	22,648.2	2,462.1	239	354
07/25/24	9:47	22,637.3	2,460.9	94	0.0	0.0	22,637.3	2,460.9	239	354
07/25/24	9:48	22,624.1	2,459.5	94	0.0	0.0	22,624.1	2,459.5	239	353
07/25/24	9:49	22,637.2	2,460.9	94	0.0	0.0	22,637.2	2,460.9	239	353
07/25/24	9:50	22,697.2	2,467.4	94	0.0	0.0	22,697.2	2,467.4	239	354
07/25/24	9:51	22,647.0	2,462.0	94	0.0	0.0	22,647.0	2,462.0	239	353
07/25/24	9:52	22,660.5	2,463.4	94	0.0	0.0	22,660.5	2,463.4	239	353
07/25/24	9:53	22,665.6	2,464.0	94	0.0	0.0	22,665.6	2,464.0	239	353
07/25/24	9:54	22,645.8	2,461.8	94	0.0	0.0	22,645.8	2,461.8	239	353
07/25/24	9:55	22,624.8	2,459.6	94	0.0	0.0	22,624.8	2,459.6	239	353
07/25/24	9:56	22,640.3	2,461.2	94	0.0	0.0	22,640.3	2,461.2	239	354
07/25/24	9:57	22,629.2	2,460.0	94	0.0	0.0	22,629.2	2,460.0	239	353
07/25/24	9:58	22,627.8	2,459.9	94	0.0	0.0	22,627.8	2,459.9	239	353
07/25/24	9:59	22,681.0	2,465.7	94	0.0	0.0	22,681.0	2,465.7	239	353
07/25/24	10:00	22,615.0	2,458.5	94	0.0	0.0	22,615.0	2,458.5	239	353
07/25/24	10:01	22,659.1	2,463.3	94	0.0	0.0	22,659.1	2,463.3	239	353
07/25/24	10:02	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/25/24	10:03	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/25/24	10:04	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
07/25/24	10:05	22,621.8	2,459.2	94	0.0	0.0	22,621.8	2,459.2	238	353
07/25/24	10:06	22,637.4	2,460.9	94	0.0	0.0	22,637.4	2,460.9	239	353
07/25/24	10:07	22,633.2	2,460.5	94	0.0	0.0	22,633.2	2,460.5	239	353
07/25/24	10:08	22,628.4	2,459.9	94	0.0	0.0	22,628.4	2,459.9	239	353
07/25/24	10:09	22,669.9	2,464.5	94	0.0	0.0	22,669.9	2,464.5	239	353
07/25/24	10:10	22,663.7	2,463.8	94	0.0	0.0	22,663.7	2,463.8	239	353
07/25/24	10:11	22,598.0	2,457.4	94	0.0	0.0	22,598.0	2,457.4	239	353
07/25/24	10:12	22,639.3	2,462.0	94	0.0	0.0	22,639.3	2,462.0	239	353
07/25/24	10:13	22,594.7	2,457.2	94	0.0	0.0	22,594.7	2,457.2	239	353
07/25/24	10:14	22,587.8	2,456.4	94	0.0	0.0	22,587.8	2,456.4	238	353
07/25/24	10:15	22,596.5	2,457.4	94	0.0	0.0	22,596.5	2,457.4	239	353
07/25/24	10:16	22,578.2	2,455.4	94	0.0	0.0	22,578.2	2,455.4	239	353
07/25/24	10:17	22,618.5	2,459.7	94	0.0	0.0	22,618.5	2,459.7	239	353
07/25/24	10:18	22,586.3	2,456.2	94	0.0	0.0	22,586.3	2,456.2	239	353
07/25/24	10:19	22,577.9	2,455.3	94	0.0	0.0	22,577.9	2,455.3	238	353
07/25/24	10:20	22,552.0	2,452.5	94	0.0	0.0	22,552.0	2,452.5	238	352
07/25/24	10:21	22,564.6	2,453.9	94	0.0	0.0	22,564.6	2,453.9	238	352

07/25/24	10:22	22,588.6	2,456.5	94	0.0	0.0	22,588.6	2,456.5	239	353
07/25/24	10:23	22,591.4	2,456.8	94	0.0	0.0	22,591.4	2,456.8	239	353
07/25/24	10:24	22,576.3	2,455.2	94	0.0	0.0	22,576.3	2,455.2	239	353
07/25/24	10:25	22,552.1	2,452.5	94	0.0	0.0	22,552.1	2,452.5	238	352
07/25/24	10:26	22,586.3	2,456.2	94	0.0	0.0	22,586.3	2,456.2	238	352
07/25/24	10:27	22,565.1	2,453.9	94	0.0	0.0	22,565.1	2,453.9	238	352
07/25/24	10:28	22,568.6	2,454.3	94	0.0	0.0	22,568.6	2,454.3	238	352
07/25/24	10:29	22,561.1	2,453.5	94	0.0	0.0	22,561.1	2,453.5	238	352
07/25/24	10:30	22,543.7	2,451.6	94	0.0	0.0	22,543.7	2,451.6	238	352
07/25/24	10:31	22,577.5	2,455.3	94	0.0	0.0	22,577.5	2,455.3	238	352
07/25/24	10:32	22,546.6	2,451.9	94	0.0	0.0	22,546.6	2,451.9	238	352
07/25/24	10:33	22,559.2	2,453.3	94	0.0	0.0	22,559.2	2,453.3	238	352
07/25/24	10:34	22,575.5	2,455.1	94	0.0	0.0	22,575.5	2,455.1	238	352
07/25/24	10:35	22,533.4	2,450.5	94	0.0	0.0	22,533.4	2,450.5	238	352
07/25/24	10:36	22,577.9	2,455.3	94	0.0	0.0	22,577.9	2,455.3	238	352
07/25/24	10:37	22,501.2	2,447.0	94	0.0	0.0	22,501.2	2,447.0	238	352
07/25/24	10:38	22,516.4	2,448.6	94	0.0	0.0	22,516.4	2,448.6	238	351
07/25/24	10:39	22,533.0	2,450.4	94	0.0	0.0	22,533.0	2,450.4	238	352
07/25/24	10:40	22,532.8	2,450.4	94	0.0	0.0	22,532.8	2,450.4	238	352
07/25/24	10:41	22,555.6	2,452.9	94	0.0	0.0	22,555.6	2,452.9	238	352
07/25/24	10:42	22,545.3	2,451.8	94	0.0	0.0	22,545.3	2,451.8	238	352
07/25/24	10:43	22,568.4	2,454.3	94	0.0	0.0	22,568.4	2,454.3	238	352
07/25/24	10:44	22,517.5	2,448.8	94	0.0	0.0	22,517.5	2,448.8	238	352
07/25/24	10:45	22,587.0	2,456.3	94	0.0	0.0	22,587.0	2,456.3	238	352
07/25/24	10:46	22,570.8	2,454.6	94	0.0	0.0	22,570.8	2,454.6	238	352
07/25/24	10:47	22,550.3	2,452.3	94	0.0	0.0	22,550.3	2,452.3	238	352
07/25/24	10:48	22,581.8	2,455.8	94	0.0	0.0	22,581.8	2,455.8	238	352
07/25/24	10:49	22,540.7	2,451.3	94	0.0	0.0	22,540.7	2,451.3	238	352
07/25/24	10:50	22,573.9	2,454.9	94	0.0	0.0	22,573.9	2,454.9	238	352
07/25/24	10:51	22,551.1	2,452.4	94	0.0	0.0	22,551.1	2,452.4	238	352
07/25/24	10:52	22,525.0	2,449.6	94	0.0	0.0	22,525.0	2,449.6	238	352
07/25/24	10:53	22,516.6	2,448.7	94	0.0	0.0	22,516.6	2,448.7	238	351
07/25/24	10:54	22,568.7	2,454.3	94	0.0	0.0	22,568.7	2,454.3	238	352
07/25/24	10:55	22,533.1	2,450.5	94	0.0	0.0	22,533.1	2,450.5	238	352
07/25/24	10:56	22,551.6	2,452.5	94	0.0	0.0	22,551.6	2,452.5	238	352
07/25/24	10:57	22,549.7	2,452.3	94	0.0	0.0	22,549.7	2,452.3	238	352
07/25/24	10:58	22,522.6	2,449.3	94	0.0	0.0	22,522.6	2,449.3	238	352
07/25/24	10:59	22,533.2	2,450.5	94	0.0	0.0	22,533.2	2,450.5	238	352
07/25/24	11:00	22,559.0	2,453.3	94	0.0	0.0	22,559.0	2,453.3	238	352
07/25/24	11:01	22,511.7	2,448.1	94	0.0	0.0	22,511.7	2,448.1	238	351
07/25/24	11:02	22,560.1	2,453.4	94	0.0	0.0	22,560.1	2,453.4	238	352
07/25/24	11:03	22,557.8	2,453.1	94	0.0	0.0	22,557.8	2,453.1	238	352
07/25/24	11:04	22,513.6	2,448.3	94	0.0	0.0	22,513.6	2,448.3	237	351
Average		22,561.6	2,495.7	94	0.0	0.0	22,561.6	2,495.7	241	356
Minimum		22,285.0	2,447.0	94	0.0	0.0	22,285.0	2,447.0	237	351
Maximum		23,111.0	2,580.4	94	0.0	0.0	23,111.0	2,580.4	247	365
Summation		5,414,796.0	598,966.3	22,534	0.0	0.0	5,414,796.0	598,966.3	57,834	85,517
Included Data Points		240	240	240	240	240	240	240	240	240
Total Number of Data Points		250	250	250	250	250	250	250	250	250

F = Unit Offline **E = Exceedance** **C = Calibration** **S = Substituted** **U - Startup**
I = Invalid **M = Maintetance** **T = Out Of Control** *** = Suspect** **D - Shutdown**

Appendix B – Test Section Diagrams

GASEOUS TRAVERSE FOR ROUND DUCTS



Job: Consumers Energy Company
Covert Generating Station
Covert, Michigan

Date: July 23, 2024

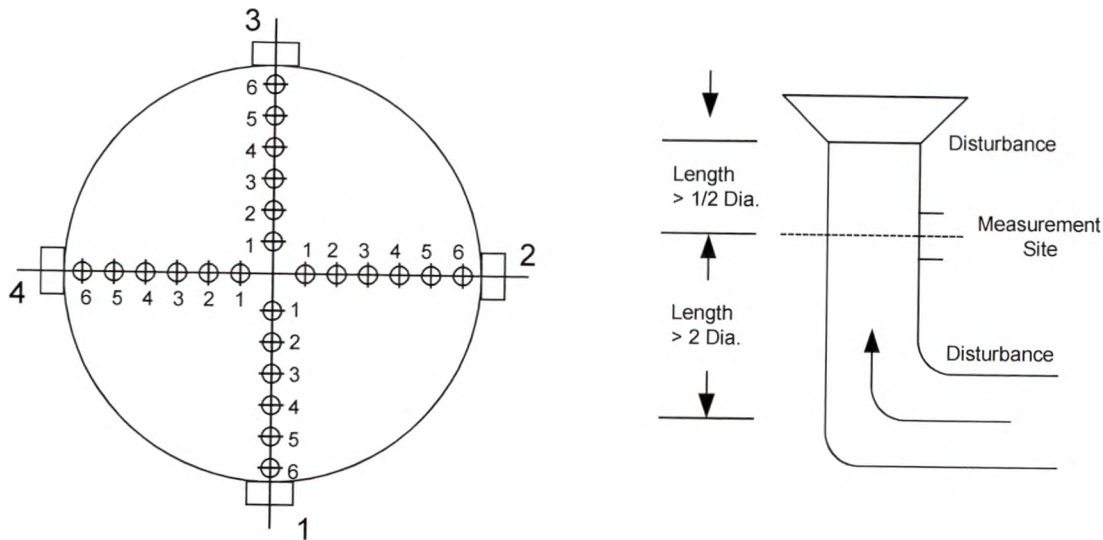
Test Location: Combustion Turbine 2 Stack

Duct Diameter: 21.79 Feet

Duct Area: 372.967 Square Feet

No. Sample Points: 3

EQUAL AREA TRAVERSE FOR ROUND DUCTS (Particulate Matter)



Job: Consumers Energy Company
Covert Generating Station
Covert, Michigan

Date: July 23 through 25, 2024

Test Location: Combustion 2 Turbine Stack

Duct Diameter: 21.79 Feet

Duct Area: 372.967 Square Feet

No. Points Across Diameter: 12

No. of Ports: 4

Port Length: 12.25 Inches