

Total Particulate Matter Compliance Emissions Test Report

Consumers Energy Company
Covert Generating Station
Combustion Turbine 1 Stack
Covert, Michigan
Project No. M243013B
August 1, 2, and 5, 2024





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Test Report**

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**Report Submittal Date
October 3, 2024**

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TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY	1
2.0 TEST METHODOLOGY	2
Method 1 Traverse Point Determination	2
Method 2 Volumetric Flowrate Determination	3
Method 3A Oxygen (O ₂)/Carbon Dioxide (CO ₂) Determination.....	3
Method 5 Particulate Determination	3
Method 202 Condensable Particulate Determination	3
3.0 TEST RESULTS SUMMARIES	4
4.0 CERTIFICATION.....	5
APPENDIX	
Appendix A - Plant Operating Data	7
Appendix B - Test Section Diagram	29
Appendix C - Sample Train Diagram.....	31
Appendix D - Calculation Nomenclature and Formulas	36
Appendix E - Laboratory Data	45
Appendix F - Reference Method Test Data	53
Appendix G - Field Data Sheets	70
Appendix H- Calibration Data	87
Appendix I - Gas Cylinder Certificates.....	101

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 1 Stack. This report summarizes the results of the test program and test methods used. Five (5) runs were performed, as requested by EGLE, Run 1 was thrown out as sample point markings on the probe were incorrect and various field sampling errors were observed, while Run 3 was voided due to cracked glassware. All runs are included for completeness, but only Runs 2, 4, and 5 are included in the determination of compliance.

TEST INFORMATION			
Test Location	Test Dates	Test Parameter	Test Methods
Combustion Turbine 1 Stack	August 1, 2, and 5, 2024	Total Particulate Matter (TPM)	Method 5 and Method 202

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 21.792 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. Note that at the time of testing, the stack diameter was understood to be 265 inches, but subsequent detailed reviews of the drawings and physical measurement of the Turbine 3 inner stack diameter were performed (note that the Turbine Units 1-3 stacks are identical), both yielding a 261.5 diameter. Thus, when finalizing the stack test report, the stack diameter was updated to 261.5 inches.

A single, dedicated continuous emissions monitoring system (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 with PM₁₀ and PM_{2.5} emission limits. In this report, total particulate matter (TPM) is equivalent to particulate matter less than 10 and 2.5 microns (PM_{10/2.5}). Selected results of the test program are summarized below. A complete summary of emission test results follows the narrative portion of this report.

Run times were recorded in real time. The last port of Run 3 and last 3 Points of Run 4 were recorded in CEMS time on the Field Data Sheets, but are recorded in Real time on the Computerized Sheets to reflect continuity on the respective run page.

TEST RESULTS			
Test Condition	Test Parameter	Measured Emission Rate	Emission Limit
100% Load with Duct Burners On	TPM*	2.869 lb/hr	10.7 lb/hr

* 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 Covert Generating Facility 26000 77 th Street Covert, Michigan 49043	Chris Head Operations Manager (269) 286-3055 (phone) Chris.A.head@cmsenergy.com
Testing Company Representative	Mostardi Platt 888 Industrial Drive Elmhurst, Illinois 60126	Angelo M. Sorce Project Supervisor 630-993-2100 (phone) asorce@mp-mail.com

The test crew consisted of R. Bocanegra, A. Ibarra-Robles, A. Wentworth, Z. Ehlers, and A. Sorce 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 51, Appendix M. Plant Operating Data can be found in Appendix A. Schematics of the test section diagram and sampling train used are included in Appendices B and C, respectively. Calculation examples and nomenclature are included in Appendix D. Sample analysis data are located in Appendix E. Reference method data and field data sheets are found in Appendices F and G, respectively.

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 (Diameters)	Downstream Distance (Diameters)	Test Parameter	Number of Sampling Points
Combustion Turbine 1 Stack	21.79	372.97	0.9	3.9	TPM	24

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

Stack gas molecular weight was determined in accordance with Method 3A. Ecom and Servomex analyzers were used to determine stack gas oxygen and carbon dioxide content and, by difference, nitrogen content.

During runs 1-4, Integrated bag samples were collected at each port and averaged to obtain representative O₂ and CO₂ data for each respective test run.

Run 5 utilized an Ecom analyzer system through the exhaust of the sample train.

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

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 E. All of the equipment used was calibrated in accordance with the specifications of the Method. Field data sheets are provided in Appendix G and calibration data are presented in Appendix H.

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 contents were collected and rinsed with DI water, acetone, and hexane. The impinger solution was then extracted with hexane. The organic and aqueous fractions were then taken to dryness and the residues weighed. 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 E. All of the equipment used was calibrated in accordance with the specifications of the Method. Calibration data are presented in Appendix H.

3.0 TEST RESULTS SUMMARIES

Client: Consumers Energy
 Facility: New Covert Generating Facility
 Test Location: CT 1 Stack
 Test Method: 5/202

	Date	8/1/24	8/1/24	8/2/24	8/2/24	8/5/24	
	Start Time	7:35	13:50	7:10	13:00	12:25	
	End Time	11:58	18:20	12:20	17:26	16:45	
		Run 1	Run 2	Run 3	Run 4	Run 5	Average*
Stack Conditions							
Average Gas Temperature, °F		190.8	188.8	189.6	190.7	190.9	190.1
Flue Gas Moisture, percent by volume		10.2%	7.8%	10.6%	10.6%	8.5%	9.0%
Average Flue Pressure, in. Hg		29.19	29.19	29.11	29.11	29.29	29.20
Gas Sample Volume, dscf		169.974	166.131	164.392	164.088	169.465	166.561
Average Gas Velocity, ft/sec		63.786	62.306	61.795	61.843	62.919	62.356
Gas Volumetric Flow Rate, acfm		1,427,406	1,394,285	1,382,850	1,383,917	1,407,994	1,395,399
Gas Volumetric Flow Rate, dscfm		1,015,062	1,020,414	977,696	976,491	1,023,422	1,006,776
Gas Volumetric Flow Rate, scfm		1,129,962	1,107,145	1,093,721	1,092,673	1,118,198	1,106,005
Average %CO ₂ by volume, dry basis		4.6	4.7	4.3	4.5	5.0	4.7
Average %O ₂ by volume, dry basis		11.8	12.5	12.3	13.2	12.7	12.8
Isokinetic Variance		103.3	100.4	103.7	103.6	102.1	102.0
Standard Fuel Factor Fd, dscf/mmBtu		8,710.0	8,710.0	8,710.0	8,710.0	8,710.0	8,710.0
Filterable Particulate Matter (Method 5)							
grams collected		0.00227	0.00170	0.00058	0.00069	0.00040	0.00093
grains/acf		0.0001	0.0001	0.0000	0.0000	0.0000	0.0000
grains/dscf		0.0002	0.0002	0.0001	0.0001	0.0000	0.0001
lb/hr		1.793	1.381	0.456	0.543	0.319	0.748
lb/mmBtu (Standard Fd Factor)		0.0006	0.0005	0.0002	0.0002	0.0001	0.0003
Condensable Particulate Matter (Method 202)							
grams collected		0.00398	0.00227	0.00201	0.00322	0.00249	0.00266
grains/acf		0.0003	0.0002	0.0001	0.0002	0.0002	0.0002
grains/dscf		0.0004	0.0002	0.0002	0.0003	0.0002	0.0002
lb/hr		3.143	1.844	1.581	2.530	1.989	2.121
lb/mmBtu (Standard Fd Factor)		0.0010	0.0007	0.0006	0.0010	0.0007	0.0008
Total Particulate Matter (5/202)							
grams collected		0.00625	0.00397	0.00259	0.00391	0.00289	0.00359
grains/acf		0.0004	0.0003	0.0001	0.0002	0.0002	0.0002
grains/dscf		0.0006	0.0004	0.0003	0.0004	0.0002	0.0003
lb/hr		4.936	3.225	2.037	3.073	2.308	2.869
lb/mmBtu (Standard Fd Factor)		0.0016	0.0012	0.0008	0.0012	0.0008	0.0011

*Runs 2, 4, and 5 included in average.

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.

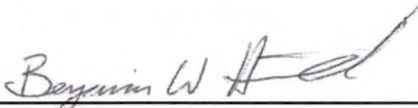
As project manager, I hereby certify that this test report represents a true and accurate summary of emissions test results and the methodologies employed to obtain those results, and the test program was performed in accordance with the methods specified in this test report.

MOSTARDI PLATT



Angelo M. Sorce

Program Manager



Benjamin W. Hendricks

Quality Assurance

APPENDICES

Appendix A – Plant Operating Data

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

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 08/01/2024 06:35 Through 08/01/2024 10:57

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT01								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
08/01/24 6:35	23,739.4	2,462.8	93	2,127.9	220.8	25,867.3	2,683.6	237	381
08/01/24 6:36	23,690.6	2,457.7	93	2,130.9	221.1	25,821.5	2,678.8	237	381
08/01/24 6:37	23,745.5	2,463.4	93	2,137.7	221.8	25,883.2	2,685.2	237	382
08/01/24 6:38	23,711.8	2,459.9	93	2,135.6	221.5	25,847.3	2,681.5	237	382
08/01/24 6:39	23,711.9	2,459.9	93	2,137.9	221.8	25,849.7	2,681.7	237	381
08/01/24 6:40	23,759.7	2,464.9	93	2,142.3	222.3	25,902.0	2,687.2	237	381
08/01/24 6:41	23,739.2	2,462.8	93	2,138.8	221.9	25,877.9	2,684.7	237	382
08/01/24 6:42	23,748.8	2,463.8	93	2,139.6	222.0	25,888.4	2,685.7	237	381
08/01/24 6:43	23,714.7	2,460.2	93	2,148.8	222.9	25,863.5	2,683.2	237	381
08/01/24 6:44	23,718.2	2,460.6	93	2,144.7	222.5	25,863.0	2,683.1	237	381
08/01/24 6:45	23,743.4	2,463.3	93	2,144.1	222.4	25,887.6	2,685.7	237	381
08/01/24 6:46	23,714.3	2,460.2	93	2,148.9	222.9	25,863.2	2,683.2	237	381
08/01/24 6:47	23,694.0	2,458.1	93	2,145.7	222.6	25,839.7	2,680.7	237	381
08/01/24 6:48	23,740.8	2,463.0	93	2,150.8	223.1	25,891.5	2,686.1	237	381
08/01/24 6:49	23,705.5	2,459.3	93	2,151.6	223.2	25,857.0	2,682.5	237	381
08/01/24 6:50	23,691.2	2,457.8	93	2,148.5	222.9	25,839.7	2,680.7	237	380
08/01/24 6:51	23,681.3	2,456.8	93	2,151.2	223.2	25,832.6	2,680.0	237	381
08/01/24 6:52	23,659.2	2,454.5	93	2,152.7	223.3	25,811.9	2,677.9	236	380
08/01/24 6:53	23,661.1	2,454.7	93	2,150.8	223.1	25,811.9	2,677.9	236	380
08/01/24 6:54	23,647.9	2,453.4	93	2,158.5	223.9	25,806.3	2,677.3	236	380
08/01/24 6:55	23,687.1	2,457.4	93	2,154.7	223.5	25,841.7	2,681.0	236	380
08/01/24 6:56	23,665.5	2,455.2	93	2,151.3	223.2	25,816.8	2,678.4	236	380
08/01/24 6:57	23,715.8	2,460.4	93	2,161.1	224.2	25,876.8	2,684.6	236	380
08/01/24 6:58	23,713.3	2,460.1	93	2,153.9	223.5	25,867.1	2,683.6	237	380
08/01/24 6:59	23,663.5	2,455.0	93	2,158.1	223.9	25,821.6	2,678.9	236	380
08/01/24 7:00	23,687.7	2,457.5	93	2,158.1	223.9	25,845.8	2,681.4	236	380
08/01/24 7:01	23,710.0	2,459.4	93	2,153.3	223.4	25,863.2	2,682.7	236	380
08/01/24 7:02	23,676.6	2,455.9	93	2,161.3	224.2	25,838.0	2,680.1	236	380
08/01/24 7:03	23,713.2	2,459.7	93	2,159.4	224.0	25,872.6	2,683.7	236	380
08/01/24 7:04	23,705.1	2,458.8	93	2,157.3	223.8	25,862.4	2,682.6	236	380
08/01/24 7:05	23,662.4	2,454.4	93	2,161.9	224.2	25,824.3	2,678.7	236	380
08/01/24 7:06	23,678.4	2,456.1	93	2,158.7	223.9	25,837.1	2,680.0	236	380
08/01/24 7:07	23,693.4	2,457.6	93	2,165.1	224.6	25,858.4	2,682.2	236	380
08/01/24 7:08	23,688.2	2,457.1	93	2,159.3	224.0	25,847.4	2,681.1	236	380
08/01/24 7:09	23,644.5	2,452.6	93	2,158.8	223.9	25,803.3	2,676.5	236	380
08/01/24 7:10	23,661.0	2,454.3	93	2,164.4	224.5	25,825.4	2,678.8	236	380
08/01/24 7:11	23,645.3	2,452.6	93	2,160.4	224.1	25,805.7	2,676.7	236	379
08/01/24 7:12	23,631.6	2,451.2	93	2,164.2	224.5	25,795.8	2,675.7	236	379
08/01/24 7:13	23,665.8	2,454.8	93	2,160.8	224.1	25,826.6	2,678.9	236	380
08/01/24 7:14	23,631.9	2,451.3	93	2,158.4	223.9	25,790.3	2,675.1	236	380
08/01/24 7:15	23,657.4	2,454.1	93	2,167.4	224.8	25,824.8	2,678.9	236	380
08/01/24 7:16	23,655.1	2,453.9	93	2,160.5	224.1	25,815.5	2,678.0	236	380
08/01/24 7:17	23,622.9	2,450.6	93	2,164.6	224.6	25,787.5	2,675.1	236	379
08/01/24 7:18	23,652.1	2,453.6	93	2,161.1	224.2	25,813.2	2,677.8	236	379
08/01/24 7:19	23,617.7	2,450.0	93	2,161.3	224.2	25,779.0	2,674.2	236	379
08/01/24 7:20	23,628.9	2,451.2	93	2,166.6	224.8	25,795.6	2,675.9	236	379
08/01/24 7:21	23,678.9	2,456.4	93	2,160.3	224.1	25,839.2	2,680.5	236	380
08/01/24 7:22	23,655.6	2,453.9	93	2,168.0	224.9	25,823.6	2,678.8	236	379
08/01/24 7:23	23,635.2	2,451.8	93	2,166.1	224.7	25,801.3	2,676.5	235	379
08/01/24 7:24	23,615.7	2,449.8	93	2,161.5	224.2	25,777.2	2,674.0	236	379
08/01/24 7:25	23,625.5	2,450.8	93	2,170.3	225.1	25,795.8	2,676.0	235	379
08/01/24 7:26	23,614.2	2,449.7	93	2,163.9	224.5	25,778.1	2,674.1	236	379
08/01/24 7:27	23,633.5	2,451.7	93	2,166.9	224.8	25,800.4	2,676.4	236	379
08/01/24 7:28	23,648.9	2,453.3	93	2,165.6	224.6	25,814.5	2,677.9	235	379
08/01/24 7:29	23,618.7	2,450.1	93	2,164.0	224.5	25,782.7	2,674.6	235	379
08/01/24 7:30	23,611.8	2,448.7	93	2,168.7	224.9	25,780.5	2,673.6	235	379
08/01/24 7:31	23,635.9	2,451.1	93	2,162.8	224.3	25,798.7	2,675.4	235	379
08/01/24 7:32	23,577.8	2,445.1	93	2,167.8	224.8	25,745.7	2,669.9	235	379
08/01/24 7:33	23,596.4	2,447.0	93	2,165.3	224.5	25,761.6	2,671.6	235	379
08/01/24 7:34	23,614.7	2,448.9	93	2,170.7	225.1	25,785.3	2,674.0	235	379
08/01/24 7:35	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24 7:36	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/01/24	7:37	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	7:38	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	7:39	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	7:40	23,545.7	2,441.8	93	2,164.2	224.4	25,709.9	2,666.2	235	378
08/01/24	7:41	23,550.3	2,442.2	93	2,170.5	225.1	25,720.8	2,667.3	235	378
08/01/24	7:42	23,582.8	2,445.6	93	2,163.7	224.4	25,746.5	2,670.0	235	378
08/01/24	7:43	23,519.0	2,439.0	93	2,170.6	225.1	25,689.6	2,664.1	235	378
08/01/24	7:44	23,549.3	2,442.1	93	2,169.1	224.9	25,718.4	2,667.1	234	378
08/01/24	7:45	23,546.6	2,442.2	93	2,168.9	225.0	25,715.5	2,667.2	235	378
08/01/24	7:46	23,530.7	2,440.6	93	2,165.9	224.7	25,696.6	2,665.3	235	378
08/01/24	7:47	23,499.5	2,437.4	93	2,164.0	224.5	25,663.6	2,661.9	234	378
08/01/24	7:48	23,511.9	2,438.7	93	2,169.9	225.1	25,681.7	2,663.7	234	378
08/01/24	7:49	23,524.9	2,440.0	93	2,165.9	224.7	25,690.8	2,664.7	234	377
08/01/24	7:50	23,510.2	2,438.5	93	2,172.6	225.3	25,682.8	2,663.8	234	377
08/01/24	7:51	23,510.1	2,438.5	93	2,165.3	224.6	25,675.4	2,663.1	234	378
08/01/24	7:52	23,508.3	2,438.3	93	2,172.9	225.4	25,681.3	2,663.7	234	378
08/01/24	7:53	23,484.0	2,435.8	93	2,164.5	224.5	25,648.5	2,660.3	234	377
08/01/24	7:54	23,482.6	2,435.6	93	2,173.0	225.4	25,655.6	2,661.0	234	377
08/01/24	7:55	23,540.3	2,441.6	93	2,168.2	224.9	25,708.6	2,666.5	234	377
08/01/24	7:56	23,497.4	2,437.2	93	2,165.6	224.6	25,663.0	2,661.8	234	377
08/01/24	7:57	23,479.7	2,435.3	93	2,163.8	224.4	25,643.5	2,659.8	234	377
08/01/24	7:58	23,499.8	2,437.4	93	2,169.9	225.1	25,669.7	2,662.5	234	377
08/01/24	7:59	23,479.5	2,435.3	93	2,166.0	224.7	25,645.5	2,660.0	234	377
08/01/24	8:00	23,498.5	2,437.3	93	2,170.2	225.1	25,668.7	2,662.4	234	377
08/01/24	8:01	23,469.0	2,434.0	93	2,166.5	224.7	25,635.5	2,658.7	234	377
08/01/24	8:02	23,485.0	2,435.6	93	2,166.3	224.7	25,651.3	2,660.3	234	377
08/01/24	8:03	23,479.7	2,435.1	93	2,166.5	224.7	25,646.2	2,659.7	234	377
08/01/24	8:04	23,433.8	2,430.3	93	2,168.0	224.8	25,601.8	2,655.1	234	377
08/01/24	8:05	23,495.6	2,436.7	93	2,169.5	225.0	25,665.1	2,661.7	234	377
08/01/24	8:06	23,497.2	2,436.9	93	2,162.8	224.3	25,660.1	2,661.2	234	377
08/01/24	8:07	23,467.9	2,433.8	93	2,171.8	225.2	25,639.8	2,659.1	234	377
08/01/24	8:08	23,480.1	2,435.1	93	2,161.6	224.2	25,641.6	2,659.3	234	377
08/01/24	8:09	23,473.4	2,434.4	93	2,167.3	224.8	25,640.7	2,659.2	234	377
08/01/24	8:10	23,458.8	2,432.9	93	2,161.8	224.2	25,620.6	2,657.1	234	377
08/01/24	8:11	23,476.3	2,434.7	93	2,168.0	224.8	25,644.4	2,659.6	234	377
08/01/24	8:12	23,469.5	2,434.0	93	2,161.6	224.2	25,631.1	2,658.2	234	377
08/01/24	8:13	23,452.7	2,432.3	93	2,166.5	224.7	25,619.2	2,656.9	234	377
08/01/24	8:14	23,491.4	2,436.3	93	2,162.6	224.3	25,654.0	2,660.5	234	377
08/01/24	8:15	23,459.3	2,433.3	93	2,166.6	224.7	25,626.0	2,658.1	233	376
08/01/24	8:16	23,438.2	2,431.2	93	2,163.6	224.4	25,601.8	2,655.6	233	376
08/01/24	8:17	23,438.4	2,431.2	93	2,169.5	225.0	25,607.9	2,656.2	233	376
08/01/24	8:18	23,461.9	2,433.6	93	2,161.6	224.2	25,623.5	2,657.8	234	376
08/01/24	8:19	23,440.2	2,431.4	93	2,169.0	225.0	25,609.2	2,656.4	233	376
08/01/24	8:20	23,408.6	2,428.1	93	2,161.8	224.2	25,570.4	2,652.3	233	376
08/01/24	8:21	23,446.2	2,432.0	93	2,168.0	224.9	25,614.2	2,656.9	233	376
08/01/24	8:22	23,457.1	2,433.1	93	2,163.1	224.4	25,620.2	2,657.5	233	376
08/01/24	8:23	23,446.3	2,432.0	93	2,167.0	224.8	25,613.3	2,656.8	233	376
08/01/24	8:24	23,418.8	2,429.2	93	2,160.3	224.1	25,579.1	2,653.2	233	376
08/01/24	8:25	23,403.9	2,427.6	93	2,168.8	225.0	25,572.7	2,652.6	233	376
08/01/24	8:26	23,410.4	2,428.3	93	2,164.1	224.5	25,574.5	2,652.8	233	376
08/01/24	8:27	23,375.0	2,424.6	93	2,165.9	224.7	25,541.0	2,649.3	233	375
08/01/24	8:28	23,395.6	2,426.8	93	2,164.5	224.5	25,560.2	2,651.3	233	375
08/01/24	8:29	23,390.9	2,426.3	93	2,167.8	224.9	25,558.7	2,651.1	233	375
08/01/24	8:30	23,341.1	2,420.4	93	2,165.5	224.6	25,506.6	2,644.9	233	375
08/01/24	8:31	23,362.4	2,422.5	93	2,165.4	224.5	25,527.8	2,647.1	233	375
08/01/24	8:32	23,374.1	2,423.8	93	2,166.8	224.7	25,540.9	2,648.4	233	375
08/01/24	8:33	23,439.5	2,430.5	93	2,164.7	224.5	25,604.3	2,655.0	233	375
08/01/24	8:34	23,379.3	2,424.3	93	2,169.1	224.9	25,548.5	2,649.2	233	375
08/01/24	8:35	23,401.0	2,426.5	93	2,165.0	224.5	25,566.0	2,651.0	233	375
08/01/24	8:36	23,419.8	2,428.5	93	2,164.5	224.4	25,584.4	2,652.9	233	376
08/01/24	8:37	23,429.1	2,429.5	93	2,166.6	224.7	25,595.7	2,654.1	233	375
08/01/24	8:38	23,366.4	2,423.0	93	2,168.8	224.9	25,535.3	2,647.8	233	375
08/01/24	8:39	23,397.7	2,426.2	93	2,162.7	224.3	25,560.3	2,650.4	233	375
08/01/24	8:40	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	8:41	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	8:42	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	8:43	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	8:44	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	8:45	23,400.7	2,427.3	93	2,162.2	224.3	25,562.9	2,651.5	233	375
08/01/24	8:46	23,411.9	2,428.5	93	2,170.1	225.1	25,582.0	2,653.6	233	375
08/01/24	8:47	23,449.2	2,432.4	93	2,158.2	223.9	25,607.4	2,656.2	234	375

08/01/24	8:48	23,401.9	2,427.5	93	2,167.2	224.8	25,569.1	2,652.3	233	375
08/01/24	8:49	23,407.8	2,428.1	93	2,162.6	224.3	25,570.4	2,652.4	233	375
08/01/24	8:50	23,483.1	2,435.9	93	2,164.1	224.5	25,647.1	2,660.3	233	375
08/01/24	8:51	23,433.1	2,430.7	93	2,165.3	224.6	25,598.4	2,655.3	233	375
08/01/24	8:52	23,443.7	2,431.8	93	2,163.8	224.4	25,607.4	2,656.2	233	375
08/01/24	8:53	23,408.6	2,428.1	93	2,163.9	224.5	25,572.5	2,652.6	233	375
08/01/24	8:54	23,463.0	2,433.8	93	2,164.6	224.5	25,627.6	2,658.3	233	375
08/01/24	8:55	23,452.4	2,432.7	93	2,164.5	224.5	25,616.9	2,657.2	233	375
08/01/24	8:56	23,393.0	2,426.5	93	2,162.0	224.3	25,555.0	2,650.8	233	375
08/01/24	8:57	23,438.7	2,431.3	93	2,168.0	224.9	25,606.7	2,656.1	233	375
08/01/24	8:58	23,392.0	2,426.4	93	2,158.4	223.9	25,550.5	2,650.3	233	375
08/01/24	8:59	23,364.5	2,423.6	93	2,168.3	224.9	25,532.7	2,648.5	233	375
08/01/24	9:00	23,413.4	2,428.6	93	2,160.3	224.1	25,573.7	2,652.7	233	375
08/01/24	9:01	23,414.9	2,428.8	93	2,166.9	224.8	25,581.8	2,653.6	233	375
08/01/24	9:02	23,391.6	2,426.4	93	2,159.0	224.0	25,550.6	2,650.3	233	375
08/01/24	9:03	23,394.5	2,426.2	93	2,167.8	224.8	25,562.3	2,651.0	233	375
08/01/24	9:04	23,377.2	2,424.4	93	2,161.3	224.1	25,538.5	2,648.5	232	374
08/01/24	9:05	23,423.5	2,429.2	93	2,168.1	224.8	25,591.6	2,654.0	233	375
08/01/24	9:06	23,404.2	2,427.2	93	2,160.1	224.0	25,564.3	2,651.2	233	375
08/01/24	9:07	23,404.2	2,427.2	93	2,167.8	224.8	25,572.0	2,652.0	232	374
08/01/24	9:08	23,384.3	2,425.1	93	2,160.7	224.1	25,545.0	2,649.2	233	375
08/01/24	9:09	23,343.8	2,420.9	93	2,162.6	224.3	25,506.4	2,645.2	232	374
08/01/24	9:10	23,342.1	2,420.7	93	2,166.1	224.6	25,508.2	2,645.4	232	374
08/01/24	9:11	23,362.2	2,422.8	93	2,162.8	224.3	25,525.1	2,647.1	232	374
08/01/24	9:12	23,310.3	2,417.4	93	2,166.3	224.7	25,476.6	2,642.1	232	374
08/01/24	9:13	23,339.7	2,420.5	93	2,158.6	223.9	25,498.3	2,644.3	232	374
08/01/24	9:14	23,326.8	2,419.1	93	2,169.2	225.0	25,496.0	2,644.1	232	374
08/01/24	9:15	23,346.0	2,421.6	93	2,160.2	224.1	25,506.1	2,645.7	232	374
08/01/24	9:16	23,331.6	2,420.1	93	2,166.9	224.8	25,498.5	2,644.9	233	374
08/01/24	9:17	23,321.2	2,419.1	93	2,161.9	224.2	25,483.0	2,643.3	232	374
08/01/24	9:18	23,366.5	2,423.8	93	2,169.4	225.0	25,536.0	2,648.8	232	374
08/01/24	9:19	23,378.0	2,425.0	93	2,165.1	224.6	25,543.1	2,649.5	232	374
08/01/24	9:20	23,305.0	2,417.4	93	2,164.4	224.5	25,469.4	2,641.9	232	374
08/01/24	9:21	23,338.9	2,420.9	93	2,164.9	224.6	25,503.7	2,645.5	232	374
08/01/24	9:22	23,288.3	2,415.7	93	2,159.3	224.0	25,447.7	2,639.6	232	374
08/01/24	9:23	23,311.3	2,418.0	93	2,168.2	224.9	25,479.5	2,642.9	232	374
08/01/24	9:24	23,304.7	2,417.4	93	2,159.5	224.0	25,464.2	2,641.4	232	374
08/01/24	9:25	23,288.2	2,415.6	93	2,167.2	224.8	25,455.4	2,640.4	232	374
08/01/24	9:26	23,324.7	2,419.4	93	2,162.6	224.3	25,487.3	2,643.7	232	374
08/01/24	9:27	23,355.7	2,422.6	93	2,164.9	224.6	25,520.6	2,647.2	232	374
08/01/24	9:28	23,310.4	2,417.9	93	2,161.1	224.2	25,471.5	2,642.1	232	374
08/01/24	9:29	23,338.6	2,420.9	93	2,164.3	224.5	25,502.9	2,645.4	232	374
08/01/24	9:30	23,414.0	2,428.2	93	2,161.9	224.2	25,575.9	2,652.4	233	375
08/01/24	9:31	23,407.7	2,427.5	93	2,160.4	224.0	25,568.0	2,651.5	233	375
08/01/24	9:32	23,369.0	2,423.5	93	2,165.7	224.6	25,534.7	2,648.1	232	375
08/01/24	9:33	23,354.3	2,421.9	93	2,161.9	224.2	25,516.2	2,646.1	232	374
08/01/24	9:34	23,403.7	2,427.1	93	2,165.9	224.6	25,569.6	2,651.7	232	375
08/01/24	9:35	23,335.5	2,420.0	93	2,160.6	224.1	25,496.1	2,644.1	232	374
08/01/24	9:36	23,388.2	2,425.5	93	2,162.8	224.3	25,550.9	2,649.7	232	374
08/01/24	9:37	23,356.5	2,422.2	93	2,161.0	224.1	25,517.5	2,646.3	232	375
08/01/24	9:38	23,380.8	2,424.7	93	2,164.3	224.4	25,545.1	2,649.1	232	375
08/01/24	9:39	23,337.9	2,420.2	93	2,160.0	224.0	25,497.9	2,644.2	232	375
08/01/24	9:40	23,330.2	2,419.4	93	2,157.4	223.7	25,487.6	2,643.2	232	374
08/01/24	9:41	23,317.7	2,418.2	93	2,167.7	224.8	25,485.4	2,642.9	232	375
08/01/24	9:42	23,296.4	2,415.9	93	2,159.0	223.9	25,455.4	2,639.8	232	374
08/01/24	9:43	23,341.8	2,420.6	93	2,166.0	224.6	25,507.7	2,645.3	232	374
08/01/24	9:44	23,283.9	2,414.6	93	2,162.9	224.3	25,446.8	2,638.9	232	374
08/01/24	9:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:48	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:49	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	9:58	23,318.8	2,418.4	93	2,164.6	224.5	25,483.4	2,642.9	232	374
08/01/24	9:59	23,260.5	2,412.4	93	2,159.2	223.9	25,419.7	2,636.3	232	374
08/01/24	10:00	23,294.7	2,415.9	93	2,165.2	224.6	25,459.9	2,640.5	232	374
08/01/24	10:01	23,305.4	2,417.0	93	2,160.8	224.1	25,466.2	2,641.1	232	374

08/01/24	10:02	23,305.7	2,417.1	93	2,168.0	224.8	25,473.7	2,641.9	232	374
08/01/24	10:03	23,353.6	2,422.6	93	2,159.7	224.0	25,513.4	2,646.6	232	374
08/01/24	10:04	23,285.8	2,415.6	93	2,163.2	224.4	25,449.0	2,640.0	232	374
08/01/24	10:05	23,318.6	2,419.0	93	2,162.9	224.4	25,481.5	2,643.4	232	374
08/01/24	10:06	23,325.5	2,419.7	93	2,163.3	224.4	25,488.7	2,644.1	232	374
08/01/24	10:07	23,324.2	2,419.6	93	2,164.2	224.5	25,488.4	2,644.1	232	374
08/01/24	10:08	23,351.9	2,422.4	93	2,162.2	224.3	25,514.1	2,646.7	232	374
08/01/24	10:09	23,330.8	2,420.2	93	2,164.7	224.6	25,495.5	2,644.8	232	374
08/01/24	10:10	23,282.3	2,415.2	93	2,158.4	223.9	25,440.7	2,639.1	232	374
08/01/24	10:11	23,299.1	2,417.0	93	2,165.1	224.6	25,464.2	2,641.6	232	374
08/01/24	10:12	23,311.5	2,418.2	93	2,163.7	224.5	25,475.2	2,642.7	232	374
08/01/24	10:13	23,314.7	2,418.6	93	2,164.1	224.5	25,478.8	2,643.1	232	374
08/01/24	10:14	23,299.3	2,417.0	93	2,162.6	224.3	25,461.9	2,641.3	232	374
08/01/24	10:15	23,369.5	2,423.7	93	2,162.3	224.3	25,531.9	2,647.9	232	374
08/01/24	10:16	23,269.6	2,413.2	93	2,165.3	224.6	25,434.9	2,637.8	232	373
08/01/24	10:17	23,309.7	2,417.4	93	2,162.0	224.2	25,471.7	2,641.6	232	374
08/01/24	10:18	23,321.7	2,418.6	93	2,164.5	224.5	25,486.1	2,643.1	232	374
08/01/24	10:19	23,313.1	2,417.8	93	2,160.2	224.0	25,473.3	2,641.8	232	374
08/01/24	10:20	23,329.5	2,419.5	93	2,162.1	224.2	25,491.5	2,643.7	232	374
08/01/24	10:21	23,297.4	2,416.1	93	2,159.8	224.0	25,457.2	2,640.1	232	374
08/01/24	10:22	23,306.8	2,417.1	93	2,162.1	224.2	25,468.8	2,641.3	232	373
08/01/24	10:23	23,311.8	2,417.6	93	2,165.5	224.6	25,477.3	2,642.2	232	374
08/01/24	10:24	23,280.6	2,414.4	93	2,157.2	223.7	25,437.9	2,638.1	231	373
08/01/24	10:25	23,294.4	2,415.8	93	2,166.7	224.7	25,461.1	2,640.5	231	373
08/01/24	10:26	23,316.8	2,418.1	93	2,157.5	223.7	25,474.3	2,641.9	232	374
08/01/24	10:27	23,309.5	2,417.4	93	2,164.5	224.5	25,474.0	2,641.9	232	373
08/01/24	10:28	23,291.9	2,415.6	93	2,159.9	224.0	25,451.8	2,639.6	232	374
08/01/24	10:29	23,298.8	2,416.3	93	2,162.1	224.2	25,460.9	2,640.5	231	373
08/01/24	10:30	23,303.3	2,416.8	93	2,159.7	224.0	25,463.0	2,640.8	232	373
08/01/24	10:31	23,351.7	2,421.9	93	2,157.9	223.8	25,509.6	2,645.7	232	374
08/01/24	10:32	23,277.8	2,414.2	93	2,165.6	224.6	25,443.4	2,638.8	231	373
08/01/24	10:33	23,348.1	2,421.5	93	2,158.1	223.8	25,506.2	2,645.3	232	374
08/01/24	10:34	23,282.8	2,414.7	93	2,161.0	224.1	25,443.8	2,638.8	232	373
08/01/24	10:35	23,299.8	2,416.5	93	2,159.2	223.9	25,459.0	2,640.4	232	373
08/01/24	10:36	23,374.6	2,424.2	93	2,164.8	224.5	25,539.4	2,648.8	232	374
08/01/24	10:37	23,274.5	2,413.9	93	2,161.9	224.2	25,436.4	2,638.1	232	373
08/01/24	10:38	23,312.6	2,417.8	93	2,162.4	224.3	25,474.9	2,642.1	232	374
08/01/24	10:39	23,306.7	2,417.2	93	2,162.5	224.3	25,469.2	2,641.5	232	374
08/01/24	10:40	23,303.5	2,416.9	93	2,160.8	224.1	25,464.4	2,641.0	232	374
08/01/24	10:41	23,318.8	2,418.5	93	2,165.9	224.6	25,484.7	2,643.1	232	374
08/01/24	10:42	23,277.4	2,414.2	93	2,161.9	224.2	25,439.4	2,638.4	232	374
08/01/24	10:43	23,323.9	2,419.0	93	2,162.7	224.3	25,486.6	2,643.3	232	374
08/01/24	10:44	23,305.7	2,417.1	93	2,164.5	224.5	25,470.3	2,641.6	232	374
08/01/24	10:45	23,300.2	2,416.6	93	2,162.1	224.2	25,462.3	2,640.8	232	374
08/01/24	10:46	23,326.8	2,419.4	93	2,164.9	224.5	25,491.7	2,643.9	232	374
08/01/24	10:47	23,338.8	2,420.6	93	2,159.7	224.0	25,498.4	2,644.6	232	374
08/01/24	10:48	23,279.1	2,414.4	93	2,165.4	224.6	25,444.5	2,639.0	232	374
08/01/24	10:49	23,279.3	2,414.4	93	2,156.1	223.6	25,435.5	2,638.1	232	374
08/01/24	10:50	23,321.6	2,418.8	93	2,164.1	224.4	25,485.7	2,643.3	232	374
08/01/24	10:51	23,318.7	2,418.5	93	2,163.4	224.4	25,482.1	2,642.9	232	374
08/01/24	10:52	23,289.5	2,415.5	93	2,160.9	224.1	25,450.3	2,639.6	232	374
08/01/24	10:53	23,280.6	2,414.6	93	2,160.1	224.0	25,440.6	2,638.6	232	374
08/01/24	10:54	23,317.6	2,418.4	93	2,161.0	224.1	25,478.6	2,642.5	232	374
08/01/24	10:55	23,324.0	2,419.1	93	2,159.6	224.0	25,483.6	2,643.0	232	374
08/01/24	10:56	23,322.1	2,418.9	93	2,159.4	224.0	25,481.5	2,642.8	232	374
08/01/24	10:57	23,256.5	2,412.1	93	2,163.9	224.4	25,420.4	2,636.5	232	374

Average	23,453.6	2,432.6	93	2,162.1	224.3	25,615.7	2,656.9	234	376
Minimum	23,256.5	2,412.1	93	2,127.9	220.8	25,419.7	2,636.3	231	373
Maximum	23,759.7	2,464.9	93	2,173.0	225.4	25,902.0	2,687.2	237	382
Summation	5,628,860.5	583,830.1	22,380	518,908.3	53,821.6	6,147,768.8	637,651.6	56,053	90,292

Included Data Points	240	240	240	240	240	240	240	240	240
Total Number of Data Points	263	263	263	263	263	263	263	263	263

F = Unit Offline
I = Invalid

E = Exceedance
M = Maintentance

C = Calibration
T = Out Of Control

S = Substituted
* = Suspect

U - Startup
D - Shutdown

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

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 08/01/2024 12:50 Through 08/01/2024 17:19

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT01								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
08/01/24 12:50	23,381.7	2,425.9	93	2,172.8	225.4	25,299.0	2,624.8	233	375
08/01/24 12:51	23,396.2	2,427.4	93	2,165.7	224.7	25,306.4	2,625.5	233	375
08/01/24 12:52	23,387.8	2,426.5	93	2,171.4	225.3	25,303.7	2,625.3	233	375
08/01/24 12:53	23,374.0	2,425.1	93	2,166.6	224.8	25,285.2	2,623.3	233	375
08/01/24 12:54	23,389.5	2,426.7	93	2,171.6	225.3	25,305.5	2,625.4	233	375
08/01/24 12:55	23,364.2	2,424.1	93	2,170.5	225.2	25,279.4	2,622.7	232	375
08/01/24 12:56	23,346.8	2,422.3	93	2,170.7	225.2	25,262.4	2,621.0	232	375
08/01/24 12:57	23,366.4	2,424.3	93	2,168.2	225.0	25,279.2	2,622.7	232	375
08/01/24 12:58	23,375.0	2,425.2	93	2,171.8	225.3	25,291.4	2,624.0	232	375
08/01/24 12:59	23,371.2	2,424.8	93	2,167.9	224.9	25,283.7	2,623.2	232	375
08/01/24 13:00	23,416.3	2,429.5	93	2,171.6	225.3	25,332.0	2,628.2	233	375
08/01/24 13:01	23,387.9	2,426.5	93	2,170.2	225.2	25,302.6	2,625.1	233	375
08/01/24 13:02	23,390.5	2,426.8	93	2,170.3	225.2	25,305.2	2,625.4	233	375
08/01/24 13:03	23,387.9	2,425.7	93	2,172.9	225.4	25,305.1	2,624.6	233	375
08/01/24 13:04	23,410.2	2,427.9	93	2,168.7	224.9	25,323.1	2,626.3	233	375
08/01/24 13:05	23,348.4	2,421.5	93	2,171.4	225.2	25,264.6	2,620.2	232	375
08/01/24 13:06	23,335.8	2,420.2	93	2,170.8	225.1	25,251.5	2,618.8	232	375
08/01/24 13:07	23,361.4	2,422.9	93	2,169.0	225.0	25,275.1	2,621.3	233	375
08/01/24 13:08	23,368.1	2,423.6	93	2,169.9	225.0	25,282.6	2,622.1	232	375
08/01/24 13:09	23,373.8	2,424.2	93	2,173.4	225.4	25,291.7	2,623.0	232	375
08/01/24 13:10	23,381.5	2,425.0	93	2,169.9	225.0	25,295.8	2,623.4	233	375
08/01/24 13:11	23,374.5	2,424.2	93	2,175.4	225.6	25,294.3	2,623.3	232	375
08/01/24 13:12	23,394.7	2,426.3	93	2,168.6	224.9	25,307.6	2,624.7	232	375
08/01/24 13:13	23,391.8	2,426.0	93	2,176.1	225.7	25,312.2	2,625.1	233	375
08/01/24 13:14	23,401.5	2,427.0	93	2,169.8	225.0	25,315.6	2,625.5	233	375
08/01/24 13:15	23,398.2	2,427.4	93	2,176.7	225.8	25,319.2	2,626.6	233	375
08/01/24 13:16	23,380.4	2,425.6	93	2,167.1	224.8	25,292.0	2,624.0	232	375
08/01/24 13:17	23,437.5	2,431.6	93	2,174.9	225.6	25,356.3	2,630.7	233	376
08/01/24 13:18	23,380.2	2,425.6	93	2,169.0	225.0	25,293.7	2,624.2	233	376
08/01/24 13:19	23,371.7	2,424.7	93	2,174.3	225.6	25,290.6	2,623.9	232	375
08/01/24 13:20	23,389.8	2,426.6	93	2,168.3	225.0	25,302.6	2,625.1	233	375
08/01/24 13:21	23,356.1	2,423.1	93	2,179.1	226.1	25,279.9	2,622.8	233	375
08/01/24 13:22	23,384.5	2,426.1	93	2,169.1	225.0	25,298.1	2,624.7	233	375
08/01/24 13:23	23,410.8	2,428.8	93	2,176.8	225.8	25,331.7	2,628.2	233	375
08/01/24 13:24	23,413.0	2,429.0	93	2,168.2	224.9	25,325.4	2,627.5	232	375
08/01/24 13:25	23,354.5	2,422.9	93	2,175.2	225.7	25,274.3	2,622.2	232	375
08/01/24 13:26	23,401.7	2,427.8	93	2,170.9	225.2	25,316.9	2,626.6	233	376
08/01/24 13:27	23,393.8	2,427.0	93	2,176.5	225.8	25,314.6	2,626.4	233	375
08/01/24 13:28	23,369.2	2,424.5	93	2,165.3	224.6	25,279.1	2,622.7	232	375
08/01/24 13:29	23,350.7	2,422.6	93	2,178.6	226.0	25,274.0	2,622.2	232	375
08/01/24 13:30	23,370.2	2,424.0	93	2,168.1	224.9	25,282.9	2,622.3	232	375
08/01/24 13:31	23,398.2	2,426.8	93	2,176.0	225.7	25,318.5	2,626.0	233	375
08/01/24 13:32	23,378.9	2,424.8	93	2,170.4	225.1	25,293.8	2,623.5	233	375
08/01/24 13:33	23,399.6	2,427.0	93	2,176.9	225.8	25,320.7	2,626.3	233	375
08/01/24 13:34	23,373.4	2,424.3	93	2,168.8	225.0	25,286.8	2,622.7	233	375
08/01/24 13:35	23,408.3	2,427.9	93	2,177.5	225.8	25,329.9	2,627.2	233	375
08/01/24 13:36	23,376.9	2,424.6	93	2,169.4	225.0	25,290.8	2,623.2	233	375
08/01/24 13:37	23,412.2	2,428.3	93	2,176.5	225.7	25,332.8	2,627.5	233	375
08/01/24 13:38	23,401.6	2,427.2	93	2,172.1	225.3	25,318.0	2,626.0	233	375
08/01/24 13:39	23,416.3	2,428.7	93	2,176.3	225.7	25,336.8	2,627.9	233	375
08/01/24 13:40	23,372.7	2,424.2	93	2,170.6	225.1	25,287.9	2,622.9	233	375
08/01/24 13:41	23,374.7	2,424.4	93	2,177.8	225.9	25,297.0	2,623.8	233	375
08/01/24 13:42	23,360.7	2,423.0	93	2,172.7	225.4	25,278.0	2,621.8	233	375
08/01/24 13:43	23,380.7	2,425.0	93	2,174.6	225.5	25,299.7	2,624.1	232	375
08/01/24 13:44	23,382.7	2,425.2	93	2,176.6	225.8	25,303.7	2,624.5	232	375
08/01/24 13:45	23,385.6	2,426.0	93	2,173.9	225.5	25,303.9	2,625.0	233	375
08/01/24 13:46	23,366.7	2,424.1	93	2,172.0	225.3	25,283.3	2,622.9	232	375
08/01/24 13:47	23,365.9	2,424.0	93	2,175.7	225.7	25,286.2	2,623.2	232	375
08/01/24 13:48	23,400.6	2,427.6	93	2,172.6	225.4	25,317.5	2,626.4	233	375
08/01/24 13:49	23,368.3	2,424.2	93	2,174.6	225.6	25,287.4	2,623.3	232	375
08/01/24 13:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24 13:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/01/24	13:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	13:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	13:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	13:55	23,383.0	2,425.8	93	2,172.2	225.3	25,299.7	2,624.6	232	375
08/01/24	13:56	23,413.6	2,428.9	93	2,179.1	226.1	25,336.8	2,628.4	233	375
08/01/24	13:57	23,387.7	2,426.3	93	2,171.7	225.3	25,303.8	2,625.0	233	375
08/01/24	13:58	23,390.7	2,426.6	93	2,177.6	225.9	25,312.6	2,625.9	233	375
08/01/24	13:59	23,402.8	2,427.8	93	2,174.9	225.6	25,322.0	2,626.9	233	375
08/01/24	14:00	23,370.6	2,424.5	93	2,175.0	225.6	25,290.2	2,623.6	232	375
08/01/24	14:01	23,427.0	2,430.3	94	2,173.5	225.5	25,344.5	2,629.2	233	375
08/01/24	14:02	23,361.5	2,423.5	93	2,178.3	226.0	25,284.4	2,623.0	232	375
08/01/24	14:03	23,389.4	2,426.2	93	2,174.6	225.6	25,308.4	2,625.2	233	375
08/01/24	14:04	23,446.6	2,432.1	93	2,177.6	225.9	25,367.9	2,631.4	233	375
08/01/24	14:05	23,403.3	2,427.6	93	2,172.8	225.4	25,320.4	2,626.5	233	375
08/01/24	14:06	23,366.8	2,423.8	93	2,175.9	225.7	25,287.3	2,623.1	232	375
08/01/24	14:07	23,419.4	2,429.2	93	2,174.7	225.6	25,338.1	2,628.3	233	375
08/01/24	14:08	23,358.3	2,422.9	93	2,179.4	226.1	25,282.3	2,622.5	233	375
08/01/24	14:09	23,406.4	2,427.9	93	2,173.7	225.5	25,324.2	2,626.9	233	375
08/01/24	14:10	23,424.2	2,429.7	93	2,179.2	226.0	25,347.3	2,629.3	233	375
08/01/24	14:11	23,406.8	2,427.9	93	2,174.1	225.5	25,325.1	2,627.0	233	375
08/01/24	14:12	23,395.5	2,426.8	93	2,178.6	226.0	25,318.4	2,626.3	233	375
08/01/24	14:13	23,437.0	2,431.1	93	2,177.4	225.9	25,358.3	2,630.4	233	375
08/01/24	14:14	23,403.5	2,427.6	93	2,180.9	226.2	25,328.5	2,627.3	233	375
08/01/24	14:15	23,393.7	2,427.2	93	2,176.1	225.8	25,314.2	2,626.3	233	375
08/01/24	14:16	23,443.8	2,432.4	93	2,178.9	226.1	25,366.5	2,632.0	233	375
08/01/24	14:17	23,417.6	2,429.7	93	2,177.6	225.9	25,339.3	2,629.2	233	375
08/01/24	14:18	23,403.4	2,428.2	93	2,180.1	226.2	25,327.7	2,628.0	233	375
08/01/24	14:19	23,432.1	2,431.2	93	2,172.5	225.4	25,348.5	2,630.2	233	375
08/01/24	14:20	23,371.5	2,424.9	93	2,180.3	226.2	25,296.2	2,624.7	233	375
08/01/24	14:21	23,418.1	2,429.8	93	2,174.8	225.6	25,336.9	2,629.0	233	375
08/01/24	14:22	23,387.0	2,426.5	93	2,179.4	226.1	25,310.7	2,626.2	233	375
08/01/24	14:23	23,417.6	2,429.7	93	2,175.3	225.7	25,337.0	2,629.0	233	375
08/01/24	14:24	23,394.3	2,427.3	93	2,180.0	226.2	25,318.6	2,627.1	233	375
08/01/24	14:25	23,431.6	2,431.2	93	2,174.9	225.7	25,350.4	2,630.4	233	375
08/01/24	14:26	23,393.5	2,427.2	93	2,180.3	226.2	25,318.0	2,627.0	233	375
08/01/24	14:27	23,435.8	2,431.6	93	2,172.8	225.4	25,352.5	2,630.6	233	376
08/01/24	14:28	23,388.1	2,426.7	93	2,175.8	225.7	25,308.3	2,626.0	233	375
08/01/24	14:29	23,415.5	2,429.5	93	2,173.4	225.5	25,333.0	2,628.6	233	375
08/01/24	14:30	23,414.4	2,428.7	93	2,180.3	226.2	25,338.7	2,628.4	233	375
08/01/24	14:31	23,438.5	2,431.2	93	2,172.7	225.4	25,355.1	2,630.1	233	376
08/01/24	14:32	23,398.1	2,427.0	93	2,179.0	226.0	25,321.4	2,626.6	233	376
08/01/24	14:33	23,471.4	2,434.6	93	2,173.7	225.5	25,388.6	2,633.6	233	376
08/01/24	14:34	23,414.3	2,428.7	93	2,175.9	225.7	25,334.3	2,627.9	233	376
08/01/24	14:35	23,443.2	2,431.7	93	2,174.7	225.6	25,361.7	2,630.8	233	376
08/01/24	14:36	23,416.4	2,428.9	93	2,177.6	225.9	25,338.0	2,628.3	233	376
08/01/24	14:37	23,424.7	2,429.8	93	2,171.8	225.3	25,340.6	2,628.6	233	376
08/01/24	14:38	23,452.6	2,432.6	93	2,179.3	226.1	25,375.5	2,632.2	233	376
08/01/24	14:39	23,412.0	2,428.4	93	2,176.2	225.7	25,332.3	2,627.7	233	376
08/01/24	14:40	23,444.0	2,431.8	93	2,176.3	225.7	25,364.1	2,631.0	233	376
08/01/24	14:41	23,428.0	2,430.1	93	2,173.2	225.4	25,345.2	2,629.1	233	376
08/01/24	14:42	23,469.1	2,434.4	93	2,179.0	226.0	25,391.7	2,633.9	233	376
08/01/24	14:43	23,435.6	2,430.9	93	2,172.7	225.4	25,352.1	2,629.8	233	376
08/01/24	14:44	23,465.2	2,434.0	93	2,177.1	225.8	25,385.8	2,633.3	233	376
08/01/24	14:45	23,475.3	2,435.1	93	2,170.1	225.1	25,388.9	2,633.6	233	376
08/01/24	14:46	23,413.1	2,428.6	93	2,178.4	226.0	25,335.6	2,628.1	233	375
08/01/24	14:47	23,450.4	2,432.5	93	2,171.8	225.3	25,366.0	2,631.2	233	375
08/01/24	14:48	23,453.0	2,432.8	93	2,181.0	226.2	25,377.7	2,632.4	233	376
08/01/24	14:49	23,440.8	2,431.5	93	2,172.5	225.4	25,357.2	2,630.3	233	376
08/01/24	14:50	23,444.9	2,431.9	93	2,175.9	225.7	25,364.6	2,631.1	233	376
08/01/24	14:51	23,421.7	2,429.5	93	2,174.4	225.6	25,340.2	2,628.5	233	375
08/01/24	14:52	23,385.9	2,425.8	93	2,179.6	226.1	25,309.8	2,625.4	233	375
08/01/24	14:53	23,379.6	2,425.2	93	2,171.6	225.3	25,295.7	2,623.9	232	375
08/01/24	14:54	23,413.1	2,428.6	93	2,180.2	226.1	25,337.3	2,628.2	233	375
08/01/24	14:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	14:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	14:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	14:58	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	14:59	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	15:00	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	15:01	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	15:02	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	15:03	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	15:04	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/01/24	15:05	23,393.5	2,426.6	93	2,173.1	225.4	25,310.9	2,625.5	233	375
08/01/24	15:06	23,409.8	2,428.3	93	2,178.8	226.0	25,332.6	2,627.8	233	375
08/01/24	15:07	23,378.0	2,425.0	93	2,171.7	225.3	25,294.2	2,623.8	232	375
08/01/24	15:08	23,406.7	2,427.9	93	2,180.2	226.1	25,331.0	2,627.6	232	375
08/01/24	15:09	23,387.2	2,425.9	93	2,171.2	225.2	25,302.8	2,624.7	233	375
08/01/24	15:10	23,379.4	2,425.1	93	2,180.8	226.2	25,304.6	2,624.8	232	375
08/01/24	15:11	23,366.4	2,423.8	93	2,172.8	225.4	25,283.8	2,622.7	232	375
08/01/24	15:12	23,408.8	2,428.2	93	2,178.0	225.9	25,331.0	2,627.6	232	375
08/01/24	15:13	23,388.9	2,426.1	93	2,172.9	225.4	25,306.2	2,625.0	232	375
08/01/24	15:14	23,399.1	2,427.1	93	2,181.0	226.2	25,324.3	2,626.9	233	375
08/01/24	15:15	23,406.6	2,427.9	93	2,172.2	225.3	25,323.0	2,626.8	233	375
08/01/24	15:16	23,401.5	2,427.4	93	2,179.7	226.1	25,325.5	2,627.0	232	375
08/01/24	15:17	23,379.1	2,425.1	93	2,172.9	225.4	25,296.4	2,624.0	232	375
08/01/24	15:18	23,389.9	2,426.2	93	2,175.9	225.7	25,310.1	2,625.4	232	375
08/01/24	15:19	23,409.4	2,428.2	93	2,174.1	225.5	25,327.7	2,627.2	232	375
08/01/24	15:20	23,399.0	2,427.1	93	2,177.2	225.8	25,320.5	2,626.5	232	375
08/01/24	15:21	23,385.4	2,425.7	93	2,172.2	225.3	25,302.0	2,624.6	233	375
08/01/24	15:22	23,413.0	2,428.6	93	2,180.1	226.1	25,337.1	2,628.2	232	375
08/01/24	15:23	23,346.7	2,421.7	93	2,177.3	225.8	25,268.7	2,621.1	232	375
08/01/24	15:24	23,393.4	2,426.6	93	2,174.3	225.5	25,312.0	2,625.6	232	375
08/01/24	15:25	23,405.5	2,427.8	93	2,177.7	225.9	25,327.4	2,627.2	232	374
08/01/24	15:26	23,400.9	2,427.3	93	2,176.6	225.8	25,321.7	2,626.6	232	375
08/01/24	15:27	23,381.5	2,425.3	93	2,176.2	225.7	25,302.1	2,624.6	232	375
08/01/24	15:28	23,386.9	2,425.9	93	2,176.8	225.8	25,308.1	2,625.2	232	375
08/01/24	15:29	23,412.3	2,428.5	93	2,178.4	226.0	25,334.8	2,628.0	232	375
08/01/24	15:30	23,376.3	2,425.1	93	2,172.7	225.4	25,293.5	2,623.9	232	375
08/01/24	15:31	23,343.8	2,421.7	93	2,179.1	226.1	25,267.6	2,621.3	232	374
08/01/24	15:32	23,375.7	2,425.0	93	2,176.0	225.7	25,296.1	2,624.2	232	375
08/01/24	15:33	23,336.1	2,420.9	93	2,175.3	225.7	25,256.3	2,620.1	232	374
08/01/24	15:34	23,342.0	2,421.5	93	2,174.9	225.6	25,261.7	2,620.6	232	374
08/01/24	15:35	23,349.8	2,422.3	93	2,181.5	226.3	25,276.0	2,622.1	232	374
08/01/24	15:36	23,290.9	2,416.2	93	2,174.1	225.5	25,210.3	2,615.3	232	374
08/01/24	15:37	23,347.8	2,422.1	93	2,179.7	226.1	25,272.1	2,621.7	232	374
08/01/24	15:38	23,312.5	2,418.5	93	2,175.9	225.7	25,233.5	2,617.7	232	374
08/01/24	15:39	23,321.6	2,419.4	93	2,179.6	226.1	25,246.2	2,619.0	232	374
08/01/24	15:40	23,302.4	2,417.4	93	2,173.0	225.4	25,220.7	2,616.4	232	374
08/01/24	15:41	23,328.6	2,420.1	93	2,183.2	226.5	25,256.7	2,620.1	232	374
08/01/24	15:42	23,275.1	2,414.6	93	2,174.2	225.6	25,194.8	2,613.7	232	374
08/01/24	15:43	23,314.0	2,418.6	93	2,181.3	226.3	25,240.4	2,618.4	232	374
08/01/24	15:44	23,309.7	2,418.2	93	2,176.0	225.7	25,230.8	2,617.4	232	374
08/01/24	15:45	23,291.1	2,416.3	93	2,181.4	226.3	25,217.7	2,616.3	232	374
08/01/24	15:46	23,323.8	2,419.7	93	2,173.8	225.5	25,242.6	2,618.9	232	374
08/01/24	15:47	23,336.5	2,421.1	93	2,181.0	226.3	25,262.4	2,621.0	232	374
08/01/24	15:48	23,338.1	2,421.2	93	2,173.2	225.5	25,256.2	2,620.3	232	374
08/01/24	15:49	23,364.6	2,424.0	93	2,181.3	226.3	25,290.5	2,623.9	232	374
08/01/24	15:50	23,361.3	2,423.6	93	2,172.5	225.4	25,278.4	2,622.6	232	375
08/01/24	15:51	23,380.0	2,425.6	93	2,182.0	226.4	25,306.4	2,625.5	232	374
08/01/24	15:52	23,373.4	2,424.9	93	2,170.6	225.2	25,288.6	2,623.7	232	374
08/01/24	15:53	23,344.6	2,421.9	93	2,180.6	226.2	25,270.0	2,621.8	232	375
08/01/24	15:54	23,357.0	2,423.2	93	2,175.6	225.7	25,277.3	2,622.5	233	375
08/01/24	15:55	23,369.2	2,424.5	93	2,174.4	225.6	25,288.2	2,623.7	232	375
08/01/24	15:56	23,406.2	2,428.3	93	2,176.4	225.8	25,326.8	2,627.7	233	375
08/01/24	15:57	23,398.4	2,427.5	93	2,174.9	225.6	25,317.5	2,626.7	233	375
08/01/24	15:58	23,421.1	2,429.8	93	2,175.2	225.7	25,340.3	2,629.1	232	375
08/01/24	15:59	23,386.5	2,426.3	93	2,174.9	225.6	25,305.8	2,625.5	233	375
08/01/24	16:00	23,370.7	2,424.6	93	2,176.3	225.8	25,291.6	2,624.0	232	375
08/01/24	16:01	23,343.9	2,421.8	93	2,172.9	225.4	25,261.6	2,620.9	232	375
08/01/24	16:02	23,382.0	2,425.8	93	2,177.9	225.9	25,304.3	2,625.3	233	375
08/01/24	16:03	23,377.0	2,424.7	93	2,170.4	225.1	25,291.9	2,623.3	233	375
08/01/24	16:04	23,368.5	2,423.8	93	2,179.2	226.0	25,292.2	2,623.3	232	375
08/01/24	16:05	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:06	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:07	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:08	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:09	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:10	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:11	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:12	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:13	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:14	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:15	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:16	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:17	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:18	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/01/24	16:19	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/01/24	16:20	23,365.0	2,424.1	93	2,168.3	225.0	25,278.0	2,622.6	233	375
08/01/24	16:21	23,366.4	2,424.2	93	2,172.3	225.4	25,283.4	2,623.2	233	375
08/01/24	16:22	23,385.1	2,426.2	93	2,166.2	224.7	25,295.9	2,624.4	233	375
08/01/24	16:23	23,375.0	2,425.1	93	2,168.7	225.0	25,288.2	2,623.7	233	375
08/01/24	16:24	23,394.5	2,427.2	93	2,165.7	224.7	25,304.6	2,625.4	233	375
08/01/24	16:25	23,378.9	2,425.5	93	2,170.9	225.2	25,294.3	2,624.3	233	375
08/01/24	16:26	23,381.9	2,425.9	93	2,168.7	225.0	25,295.1	2,624.4	233	375
08/01/24	16:27	23,419.1	2,429.7	93	2,167.8	224.9	25,331.1	2,628.1	233	375
08/01/24	16:28	23,390.7	2,426.8	93	2,170.4	225.2	25,305.5	2,625.4	233	375
08/01/24	16:29	23,404.3	2,428.2	93	2,165.2	224.6	25,313.9	2,626.3	233	375
08/01/24	16:30	23,419.6	2,429.2	93	2,170.6	225.1	25,334.3	2,627.9	233	375
08/01/24	16:31	23,405.9	2,427.8	93	2,166.6	224.7	25,316.8	2,625.9	233	375
08/01/24	16:32	23,408.7	2,428.1	93	2,167.8	224.9	25,320.7	2,626.3	233	375
08/01/24	16:33	23,414.6	2,428.7	93	2,170.9	225.2	25,329.7	2,627.2	232	375
08/01/24	16:34	23,375.8	2,424.6	93	2,164.4	224.5	25,284.8	2,622.5	232	374
08/01/24	16:35	23,386.8	2,425.8	93	2,166.2	224.7	25,297.5	2,623.9	232	375
08/01/24	16:36	23,440.3	2,431.3	93	2,163.6	224.4	25,347.8	2,629.1	233	375
08/01/24	16:37	23,378.2	2,424.9	93	2,166.0	224.7	25,288.8	2,623.0	232	375
08/01/24	16:38	23,418.6	2,429.1	93	2,165.8	224.6	25,328.5	2,627.1	233	375
08/01/24	16:39	23,399.6	2,427.1	93	2,164.9	224.6	25,308.9	2,625.0	232	375
08/01/24	16:40	23,387.2	2,425.8	93	2,168.5	224.9	25,300.1	2,624.1	232	375
08/01/24	16:41	23,425.3	2,429.8	93	2,162.8	224.3	25,332.2	2,627.5	232	375
08/01/24	16:42	23,390.7	2,426.2	93	2,168.2	224.9	25,303.3	2,624.5	232	375
08/01/24	16:43	23,386.4	2,425.8	93	2,164.5	224.5	25,295.4	2,623.6	232	375
08/01/24	16:44	23,365.0	2,423.5	93	2,165.6	224.6	25,275.3	2,621.6	232	374
08/01/24	16:45	23,401.5	2,426.6	93	2,168.4	224.9	25,314.2	2,625.1	232	374
08/01/24	16:46	23,351.0	2,421.3	93	2,161.1	224.1	25,257.0	2,618.9	232	374
08/01/24	16:47	23,355.8	2,421.8	93	2,167.8	224.8	25,268.3	2,620.1	232	374
08/01/24	16:48	23,370.9	2,423.4	93	2,164.2	224.4	25,279.8	2,621.3	232	374
08/01/24	16:49	23,374.1	2,423.7	93	2,166.8	224.7	25,285.6	2,621.9	232	374
08/01/24	16:50	23,420.5	2,428.6	93	2,166.2	224.6	25,330.8	2,626.6	232	374
08/01/24	16:51	23,348.8	2,421.1	93	2,163.7	224.4	25,257.5	2,619.0	232	374
08/01/24	16:52	23,357.7	2,422.0	93	2,167.6	224.8	25,270.0	2,620.2	232	374
08/01/24	16:53	23,346.0	2,420.8	93	2,163.0	224.3	25,253.9	2,618.6	232	374
08/01/24	16:54	23,355.7	2,421.8	93	2,169.0	224.9	25,269.5	2,620.2	231	373
08/01/24	16:55	23,338.2	2,420.0	93	2,165.5	224.6	25,248.7	2,618.0	231	374
08/01/24	16:56	23,360.7	2,422.4	93	2,161.9	224.2	25,267.4	2,620.0	231	374
08/01/24	16:57	23,371.5	2,423.5	93	2,164.4	224.4	25,280.5	2,621.3	232	374
08/01/24	16:58	23,384.2	2,424.8	93	2,162.9	224.3	25,291.6	2,622.5	232	374
08/01/24	16:59	23,387.6	2,425.1	93	2,166.0	224.6	25,298.1	2,623.2	232	374
08/01/24	17:00	23,375.0	2,423.8	93	2,161.2	224.1	25,280.8	2,621.4	232	374
08/01/24	17:01	23,442.4	2,430.8	93	2,166.4	224.6	25,352.7	2,628.8	232	375
08/01/24	17:02	23,336.4	2,419.8	93	2,163.1	224.3	25,244.5	2,617.6	232	374
08/01/24	17:03	23,359.0	2,420.6	93	2,169.4	224.8	25,273.1	2,618.8	232	374
08/01/24	17:04	23,386.0	2,423.2	93	2,163.5	224.2	25,294.0	2,621.0	232	374
08/01/24	17:05	23,309.8	2,415.3	93	2,163.1	224.1	25,218.2	2,613.1	232	374
08/01/24	17:06	23,365.9	2,421.1	93	2,165.5	224.4	25,276.0	2,619.1	232	374
08/01/24	17:07	23,303.9	2,414.7	93	2,165.6	224.4	25,214.7	2,612.7	231	374
08/01/24	17:08	23,348.1	2,419.3	93	2,166.7	224.5	25,259.6	2,617.4	231	374
08/01/24	17:09	23,355.8	2,420.1	93	2,163.6	224.2	25,264.2	2,617.9	232	374
08/01/24	17:10	23,327.5	2,417.2	93	2,167.5	224.6	25,240.1	2,615.4	232	374
08/01/24	17:11	23,338.1	2,418.3	93	2,161.7	224.0	25,244.8	2,615.9	232	374
08/01/24	17:12	23,305.5	2,414.9	93	2,165.6	224.4	25,216.4	2,612.9	231	374
08/01/24	17:13	23,321.8	2,416.6	93	2,163.5	224.2	25,230.4	2,614.4	231	373
08/01/24	17:14	23,301.3	2,414.5	93	2,164.6	224.3	25,211.3	2,612.4	232	374
08/01/24	17:15	23,335.7	2,418.6	93	2,162.4	224.1	25,243.2	2,616.2	232	374
08/01/24	17:16	23,313.2	2,416.3	93	2,168.3	224.7	25,226.7	2,614.7	231	373
08/01/24	17:17	23,302.8	2,415.3	93	2,165.6	224.5	25,213.7	2,613.4	231	373
08/01/24	17:18	23,307.3	2,415.7	93	2,167.5	224.6	25,220.0	2,614.1	231	373
08/01/24	17:19	23,341.4	2,419.3	93	2,166.5	224.5	25,252.8	2,617.5	231	373
Average		23,383.8	2,425.5	93	2,172.7	225.4	25,300.9	2,624.3	232	375
Minimum		23,275.1	2,414.5	93	2,161.1	224.0	25,194.8	2,612.4	231	373
Maximum		23,475.3	2,435.1	94	2,183.2	226.5	25,391.7	2,633.9	233	376
Summation		5,612,119.8	582,115.1	22,383	521,439.9	54,086.2	6,072,224.1	629,842.9	55,785	89,963
Included Data Points		240	240	240	240	240	240	240	240	240
Total Number of Data Points		270	270	270	270	270	270	270	270	270

F = Unit Offline
I = Invalid

E = Exceedance
M = Maintenance

C = Calibration
T = Out Of Control

S = Substituted
* = Suspect

U - Startup
D - Shutdown

Unit 1 PM Performance Test (4-Hr Run) - Run 3

Plant: Covert Generating Station
Interval: 1 Minute Type: Block
Report Period: 8/2/2024 06:10 Through 8/2/2024 11:19
Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT01								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
08/02/24 6:10	23,685.2	2,446.8	93	2,207.2	228.0	25,892.4	2,674.8	235	380
08/02/24 6:11	23,723.6	2,450.7	93	2,215.1	228.8	25,938.7	2,679.6	236	380
08/02/24 6:12	23,706.8	2,449.0	93	2,206.4	227.9	25,913.3	2,676.9	236	380
08/02/24 6:13	23,700.4	2,448.3	93	2,214.0	228.7	25,914.5	2,677.1	236	380
08/02/24 6:14	23,719.6	2,450.3	93	2,212.9	228.6	25,932.5	2,678.9	236	380
08/02/24 6:15	23,681.1	2,446.3	93	2,206.7	228.0	25,887.8	2,674.3	235	379
08/02/24 6:16	23,685.3	2,447.1	93	2,214.5	228.8	25,899.8	2,675.9	235	380
08/02/24 6:17	23,690.2	2,447.7	93	2,209.1	228.2	25,899.3	2,675.9	236	380
08/02/24 6:18	23,688.6	2,447.5	93	2,212.9	228.6	25,901.6	2,676.2	235	380
08/02/24 6:19	23,669.8	2,445.6	93	2,208.8	228.2	25,878.7	2,673.8	235	380
08/02/24 6:20	23,646.9	2,443.2	93	2,213.8	228.7	25,860.7	2,671.9	235	379
08/02/24 6:21	23,700.8	2,448.8	93	2,208.9	228.2	25,909.7	2,677.0	236	380
08/02/24 6:22	23,629.9	2,441.5	93	2,210.5	228.4	25,840.5	2,669.9	235	379
08/02/24 6:23	23,691.5	2,447.8	93	2,211.0	228.4	25,902.5	2,676.3	235	380
08/02/24 6:24	23,659.4	2,444.5	93	2,211.2	228.5	25,870.6	2,673.0	236	380
08/02/24 6:25	23,676.8	2,446.3	93	2,216.4	229.0	25,893.3	2,675.3	235	379
08/02/24 6:26	23,636.6	2,442.1	93	2,204.1	227.7	25,840.6	2,669.9	235	379
08/02/24 6:27	23,656.0	2,444.1	93	2,209.6	228.3	25,865.6	2,672.5	235	379
08/02/24 6:28	23,605.7	2,439.0	93	2,208.1	228.1	25,813.8	2,667.1	235	379
08/02/24 6:29	23,639.2	2,442.4	93	2,213.8	228.7	25,853.0	2,671.1	235	379
08/02/24 6:30	23,639.6	2,442.5	93	2,206.7	228.0	25,846.3	2,670.5	235	379
08/02/24 6:31	23,649.5	2,443.6	93	2,210.2	228.4	25,859.6	2,672.0	235	379
08/02/24 6:32	23,652.2	2,443.9	93	2,210.4	228.4	25,862.6	2,672.3	235	379
08/02/24 6:33	23,596.3	2,438.1	93	2,209.7	228.3	25,805.9	2,666.4	235	379
08/02/24 6:34	23,641.3	2,442.8	93	2,213.3	228.7	25,854.6	2,671.5	235	379
08/02/24 6:35	23,583.0	2,436.8	93	2,203.9	227.7	25,786.9	2,664.5	234	378
08/02/24 6:36	23,604.6	2,439.0	93	2,215.4	228.9	25,820.0	2,667.9	235	379
08/02/24 6:37	23,587.3	2,437.2	93	2,207.2	228.1	25,794.5	2,665.3	234	378
08/02/24 6:38	23,546.3	2,433.0	93	2,213.1	228.7	25,759.4	2,661.6	234	378
08/02/24 6:39	23,568.8	2,435.3	93	2,208.7	228.2	25,777.4	2,663.5	234	378
08/02/24 6:40	23,577.6	2,436.2	93	2,213.9	228.8	25,791.5	2,665.0	234	378
08/02/24 6:41	23,537.1	2,432.0	93	2,209.4	228.3	25,746.5	2,660.3	234	378
08/02/24 6:42	23,578.5	2,436.3	93	2,214.6	228.8	25,793.1	2,665.1	234	378
08/02/24 6:43	23,596.9	2,438.2	93	2,211.4	228.5	25,808.3	2,666.7	235	378
08/02/24 6:44	23,589.7	2,437.5	93	2,211.8	228.5	25,801.5	2,666.0	234	378
08/02/24 6:45	23,615.9	2,440.2	93	2,211.5	228.5	25,827.4	2,668.7	235	379
08/02/24 6:46	23,608.3	2,439.9	93	2,214.4	228.9	25,822.7	2,668.8	235	378
08/02/24 6:47	23,629.4	2,442.2	93	2,206.6	228.1	25,836.1	2,670.2	235	378
08/02/24 6:48	23,628.3	2,442.1	93	2,211.4	228.6	25,839.6	2,670.6	235	379
08/02/24 6:49	23,626.2	2,441.8	93	2,210.6	228.5	25,836.7	2,670.3	235	378
08/02/24 6:50	23,573.7	2,436.4	93	2,208.8	228.3	25,782.5	2,664.7	234	378
08/02/24 6:51	23,614.3	2,440.6	93	2,213.0	228.7	25,827.4	2,669.3	235	378
08/02/24 6:52	23,608.2	2,440.0	93	2,210.2	228.4	25,818.4	2,668.4	234	378
08/02/24 6:53	23,581.5	2,437.2	93	2,209.7	228.4	25,791.2	2,665.6	234	378
08/02/24 6:54	23,557.6	2,434.7	93	2,211.4	228.6	25,769.0	2,663.3	234	378
08/02/24 6:55	23,529.2	2,431.8	93	2,208.3	228.2	25,737.6	2,660.1	234	377
08/02/24 6:56	23,522.6	2,431.1	93	2,209.3	228.3	25,731.9	2,659.5	234	377
08/02/24 6:57	23,531.8	2,432.1	93	2,209.3	228.3	25,741.2	2,660.4	233	377
08/02/24 6:58	23,474.9	2,426.2	93	2,205.3	227.9	25,680.2	2,654.1	233	377
08/02/24 6:59	23,475.1	2,426.2	93	2,210.3	228.4	25,685.4	2,654.7	233	377
08/02/24 7:00	23,537.3	2,432.6	93	2,206.9	228.1	25,744.2	2,660.7	234	377
08/02/24 7:01	23,477.3	2,426.4	93	2,209.0	228.3	25,686.2	2,654.8	233	376
08/02/24 7:02	23,475.2	2,426.1	93	2,206.6	228.0	25,681.8	2,654.2	233	376
08/02/24 7:03	23,479.1	2,426.5	93	2,205.8	228.0	25,684.9	2,654.5	233	376
08/02/24 7:04	23,438.2	2,422.3	93	2,211.5	228.6	25,649.7	2,650.8	233	376
08/02/24 7:05	23,494.8	2,428.1	93	2,206.6	228.1	25,701.4	2,656.2	233	376
08/02/24 7:06	23,499.9	2,428.7	93	2,208.4	228.2	25,708.3	2,656.9	233	376
08/02/24 7:07	23,466.1	2,425.2	93	2,207.5	228.1	25,673.6	2,653.3	233	376
08/02/24 7:08	23,454.3	2,423.9	93	2,211.0	228.5	25,665.3	2,652.4	232	376
08/02/24 7:09	23,444.4	2,422.9	93	2,205.3	227.9	25,649.7	2,650.8	232	375
08/02/24 7:10	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24 7:11	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/02/24	7:12	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	7:13	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	7:14	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	7:15	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	7:16	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	7:17	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	7:18	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	7:19	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	7:20	23,458.1	2,424.1	93	2,209.3	228.3	25,667.3	2,652.4	233	376
08/02/24	7:21	23,463.6	2,424.7	93	2,203.7	227.7	25,667.3	2,652.4	233	376
08/02/24	7:22	23,405.3	2,418.7	93	2,209.9	228.4	25,615.2	2,647.1	232	375
08/02/24	7:23	23,416.1	2,419.8	93	2,203.2	227.7	25,619.2	2,647.5	232	375
08/02/24	7:24	23,471.1	2,425.5	93	2,209.7	228.3	25,680.8	2,653.8	233	376
08/02/24	7:25	23,461.8	2,424.5	93	2,203.9	227.7	25,665.7	2,652.3	232	375
08/02/24	7:26	23,472.7	2,425.6	93	2,212.7	228.7	25,685.3	2,654.3	232	375
08/02/24	7:27	23,481.1	2,426.5	94	2,201.3	227.5	25,682.4	2,654.0	232	376
08/02/24	7:28	23,315.0	2,409.4	93	2,209.8	228.4	25,524.7	2,637.7	231	374
08/02/24	7:29	23,489.1	2,427.3	93	2,206.5	228.0	25,695.6	2,655.4	233	376
08/02/24	7:30	23,464.0	2,424.8	93	2,211.4	228.5	25,675.4	2,653.3	233	375
08/02/24	7:31	23,459.3	2,421.2	93	2,203.8	227.4	25,663.1	2,648.7	232	375
08/02/24	7:32	23,338.3	2,408.5	93	2,212.2	228.3	25,550.5	2,636.8	231	374
08/02/24	7:33	23,462.0	2,421.2	93	2,205.9	227.6	25,667.9	2,648.9	232	375
08/02/24	7:34	23,457.7	2,420.8	93	2,213.1	228.4	25,670.8	2,649.2	232	375
08/02/24	7:35	23,435.7	2,418.5	93	2,206.5	227.7	25,642.2	2,646.2	232	375
08/02/24	7:36	23,448.6	2,419.9	93	2,212.1	228.3	25,660.7	2,648.1	232	375
08/02/24	7:37	23,444.0	2,419.4	93	2,205.9	227.6	25,649.8	2,647.0	232	375
08/02/24	7:38	23,452.9	2,420.3	93	2,212.8	228.4	25,665.7	2,648.7	232	375
08/02/24	7:39	23,396.0	2,414.4	93	2,203.7	227.4	25,599.7	2,641.8	232	375
08/02/24	7:40	23,466.0	2,421.7	93	2,213.8	228.5	25,679.8	2,650.1	232	375
08/02/24	7:41	23,393.7	2,414.2	93	2,202.6	227.3	25,596.3	2,641.5	232	375
08/02/24	7:42	23,349.2	2,409.6	93	2,210.4	228.1	25,559.6	2,637.7	231	374
08/02/24	7:43	23,406.0	2,415.5	93	2,205.1	227.6	25,611.2	2,643.0	232	374
08/02/24	7:44	23,398.8	2,414.7	93	2,214.4	228.5	25,613.2	2,643.2	232	375
08/02/24	7:45	23,440.8	2,419.0	93	2,206.0	227.7	25,646.8	2,646.7	232	375
08/02/24	7:46	23,402.2	2,418.2	93	2,211.2	228.5	25,613.4	2,646.7	232	375
08/02/24	7:47	23,394.0	2,417.7	94	2,205.1	227.9	25,599.1	2,645.5	232	375
08/02/24	7:48	23,331.4	2,411.2	93	2,207.2	228.1	25,538.6	2,639.3	231	374
08/02/24	7:49	23,458.0	2,424.3	94	2,202.9	227.7	25,660.9	2,651.9	232	375
08/02/24	7:50	23,377.6	2,416.0	93	2,211.8	228.6	25,589.4	2,644.5	231	374
08/02/24	7:51	23,395.9	2,417.8	93	2,205.1	227.9	25,600.9	2,645.7	232	375
08/02/24	7:52	23,450.1	2,423.4	94	2,208.8	228.3	25,658.8	2,651.7	232	375
08/02/24	7:53	23,335.5	2,411.6	93	2,204.9	227.9	25,540.5	2,639.5	231	374
08/02/24	7:54	23,359.5	2,414.1	93	2,209.5	228.3	25,569.0	2,642.4	231	374
08/02/24	7:55	23,355.6	2,413.7	93	2,205.7	227.9	25,561.3	2,641.6	232	375
08/02/24	7:56	23,383.1	2,416.5	93	2,209.6	228.3	25,592.7	2,644.9	231	374
08/02/24	7:57	23,396.5	2,417.9	94	2,205.2	227.9	25,601.8	2,645.8	232	375
08/02/24	7:58	23,357.7	2,413.9	93	2,211.4	228.5	25,569.1	2,642.4	231	374
08/02/24	7:59	23,333.0	2,411.3	93	2,208.4	228.2	25,541.4	2,639.6	231	374
08/02/24	8:00	23,301.8	2,408.1	93	2,206.5	228.0	25,508.3	2,636.2	231	373
08/02/24	8:01	23,365.7	2,414.7	93	2,209.7	228.4	25,575.4	2,643.1	231	374
08/02/24	8:02	23,358.8	2,413.2	93	2,209.8	228.3	25,568.7	2,641.5	231	374
08/02/24	8:03	23,301.5	2,407.2	93	2,210.7	228.4	25,512.2	2,635.6	231	374
08/02/24	8:04	23,469.6	2,424.6	93	2,207.9	228.1	25,677.5	2,652.7	232	375
08/02/24	8:05	23,445.7	2,422.1	93	2,211.6	228.5	25,657.3	2,650.6	232	375
08/02/24	8:06	23,376.9	2,415.0	93	2,206.6	228.0	25,583.6	2,643.0	231	374
08/02/24	8:07	23,400.5	2,417.4	93	2,211.9	228.5	25,612.4	2,645.9	232	375
08/02/24	8:08	23,390.2	2,416.4	93	2,204.4	227.7	25,594.6	2,644.1	232	375
08/02/24	8:09	23,374.6	2,414.8	93	2,212.8	228.6	25,587.5	2,643.4	232	375
08/02/24	8:10	23,383.0	2,415.6	93	2,208.2	228.1	25,591.2	2,643.7	232	375
08/02/24	8:11	23,351.7	2,412.4	93	2,211.1	228.4	25,562.7	2,640.8	231	374
08/02/24	8:12	23,384.7	2,415.8	93	2,206.0	227.9	25,590.7	2,643.7	232	375
08/02/24	8:13	23,384.3	2,415.8	93	2,213.2	228.6	25,597.5	2,644.4	232	374
08/02/24	8:14	23,366.2	2,413.9	93	2,207.2	228.0	25,573.3	2,641.9	232	374
08/02/24	8:15	23,389.5	2,416.3	93	2,213.2	228.6	25,602.7	2,644.9	232	374
08/02/24	8:16	23,357.2	2,413.5	93	2,205.1	227.9	25,562.2	2,641.3	232	375
08/02/24	8:17	23,421.4	2,420.2	93	2,211.1	228.5	25,632.5	2,648.7	232	375
08/02/24	8:18	23,363.3	2,414.2	93	2,206.8	228.0	25,570.2	2,642.2	232	374
08/02/24	8:19	23,374.6	2,415.3	93	2,211.7	228.5	25,586.3	2,643.9	231	374
08/02/24	8:20	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	8:21	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	8:22	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/02/24	8:23	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	8:24	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	8:25	23,313.6	2,409.0	93	2,208.3	228.2	25,521.8	2,637.2	231	374
08/02/24	8:26	23,389.3	2,416.9	93	2,208.9	228.3	25,598.2	2,645.1	232	374
08/02/24	8:27	23,339.3	2,411.7	93	2,208.6	228.2	25,547.9	2,639.9	231	374
08/02/24	8:28	23,405.9	2,418.6	93	2,205.1	227.9	25,611.0	2,646.4	231	374
08/02/24	8:29	23,332.1	2,411.0	93	2,208.4	228.2	25,540.5	2,639.2	231	373
08/02/24	8:30	23,316.1	2,409.3	93	2,206.2	228.0	25,522.3	2,637.3	231	373
08/02/24	8:31	23,427.4	2,420.7	94	2,205.2	227.9	25,632.6	2,648.6	232	375
08/02/24	8:32	23,358.5	2,413.6	93	2,210.8	228.4	25,569.2	2,642.0	231	374
08/02/24	8:33	23,357.1	2,413.4	93	2,203.7	227.7	25,560.8	2,641.1	231	374
08/02/24	8:34	23,372.5	2,415.0	93	2,212.3	228.6	25,584.8	2,643.6	231	374
08/02/24	8:35	23,370.1	2,414.8	93	2,201.7	227.5	25,571.8	2,642.3	231	374
08/02/24	8:36	23,364.2	2,414.2	93	2,210.4	228.4	25,574.6	2,642.6	231	374
08/02/24	8:37	23,375.4	2,415.3	93	2,204.5	227.8	25,579.9	2,643.1	231	374
08/02/24	8:38	23,401.9	2,418.1	93	2,214.7	228.8	25,616.7	2,646.9	231	374
08/02/24	8:39	23,377.8	2,415.6	93	2,205.2	227.9	25,583.0	2,643.4	231	374
08/02/24	8:40	23,317.2	2,409.3	93	2,214.9	228.9	25,532.1	2,638.2	231	374
08/02/24	8:41	23,312.2	2,408.8	93	2,207.3	228.1	25,519.5	2,636.9	231	373
08/02/24	8:42	23,318.0	2,409.4	93	2,212.6	228.6	25,530.6	2,638.0	231	373
08/02/24	8:43	23,354.1	2,413.1	93	2,209.6	228.3	25,563.7	2,641.4	231	374
08/02/24	8:44	23,348.9	2,412.6	93	2,205.0	227.8	25,553.9	2,640.4	231	374
08/02/24	8:45	23,327.5	2,410.4	93	2,212.2	228.6	25,539.6	2,639.0	231	373
08/02/24	8:46	23,364.0	2,414.1	93	2,204.3	227.8	25,568.3	2,641.8	231	374
08/02/24	8:47	23,374.3	2,415.1	93	2,215.3	228.9	25,589.6	2,644.0	231	374
08/02/24	8:48	23,381.1	2,415.8	93	2,204.4	227.8	25,585.5	2,643.6	231	374
08/02/24	8:49	23,373.8	2,415.0	93	2,212.5	228.6	25,586.2	2,643.6	231	374
08/02/24	8:50	23,330.7	2,410.6	93	2,210.2	228.4	25,540.9	2,639.0	231	374
08/02/24	8:51	23,381.6	2,415.9	93	2,210.7	228.4	25,592.3	2,644.3	231	374
08/02/24	8:52	23,424.6	2,420.3	93	2,211.4	228.5	25,635.9	2,648.8	232	374
08/02/24	8:53	23,367.3	2,414.4	93	2,207.3	228.1	25,574.6	2,642.4	231	374
08/02/24	8:54	23,384.2	2,416.1	93	2,214.0	228.8	25,598.2	2,644.9	232	374
08/02/24	8:55	23,379.4	2,415.6	93	2,208.8	228.2	25,588.2	2,643.9	232	374
08/02/24	8:56	23,413.0	2,419.1	93	2,215.0	228.9	25,628.0	2,648.0	231	374
08/02/24	8:57	23,359.2	2,413.5	93	2,209.4	228.3	25,568.5	2,641.8	231	374
08/02/24	8:58	23,405.5	2,418.3	93	2,213.9	228.8	25,619.5	2,647.1	231	374
08/02/24	8:59	23,422.8	2,420.1	93	2,208.9	228.2	25,631.7	2,648.3	232	375
08/02/24	9:00	23,382.5	2,416.0	93	2,214.2	228.8	25,596.7	2,644.7	231	374
08/02/24	9:01	23,448.7	2,422.8	93	2,210.6	228.4	25,659.3	2,651.2	232	375
08/02/24	9:02	23,432.7	2,421.1	93	2,214.6	228.8	25,647.3	2,650.0	232	375
08/02/24	9:03	23,354.8	2,412.9	93	2,212.7	228.6	25,567.4	2,641.5	232	375
08/02/24	9:04	23,363.0	2,413.7	93	2,210.9	228.4	25,573.9	2,642.2	231	374
08/02/24	9:05	23,351.7	2,412.6	93	2,218.4	229.2	25,570.1	2,641.8	231	374
08/02/24	9:06	23,355.1	2,412.9	93	2,211.6	228.5	25,566.7	2,641.4	231	374
08/02/24	9:07	23,417.3	2,419.4	93	2,216.8	229.0	25,634.1	2,648.4	232	374
08/02/24	9:08	23,359.4	2,413.4	93	2,215.3	228.9	25,574.7	2,642.2	231	374
08/02/24	9:09	23,346.0	2,412.0	93	2,212.0	228.5	25,558.0	2,640.5	231	374
08/02/24	9:10	23,372.6	2,414.7	93	2,217.3	229.1	25,590.0	2,643.8	231	374
08/02/24	9:11	23,359.5	2,413.4	93	2,214.0	228.7	25,573.5	2,642.1	231	374
08/02/24	9:12	23,387.7	2,416.3	93	2,214.6	228.8	25,602.4	2,645.1	231	374
08/02/24	9:13	23,312.6	2,408.5	93	2,218.3	229.2	25,530.9	2,637.7	231	374
08/02/24	9:14	23,315.4	2,408.8	93	2,213.8	228.7	25,529.2	2,637.5	231	373
08/02/24	9:15	23,262.3	2,403.3	93	2,216.5	229.0	25,478.8	2,632.3	230	373
08/02/24	9:16	23,269.6	2,402.4	93	2,211.7	228.3	25,481.3	2,630.7	230	373
08/02/24	9:17	23,289.0	2,404.2	93	2,219.0	229.1	25,508.0	2,633.3	230	373
08/02/24	9:18	23,343.7	2,409.9	93	2,215.8	228.8	25,559.6	2,638.6	231	374
08/02/24	9:19	23,302.0	2,405.6	93	2,211.3	228.3	25,513.3	2,633.9	231	373
08/02/24	9:20	23,345.1	2,410.0	93	2,220.0	229.2	25,565.1	2,639.2	231	373
08/02/24	9:21	23,305.7	2,406.0	93	2,215.5	228.7	25,521.2	2,634.7	230	373
08/02/24	9:22	23,246.9	2,399.9	93	2,213.7	228.5	25,460.6	2,628.4	230	373
08/02/24	9:23	23,268.2	2,402.1	93	2,218.7	229.1	25,487.0	2,631.1	230	372
08/02/24	9:24	23,261.0	2,401.3	93	2,212.2	228.4	25,473.2	2,629.7	230	373
08/02/24	9:25	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:26	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:27	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:28	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:29	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:30	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:31	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:32	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:33	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:34	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:35	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:36	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/02/24	9:37	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:38	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:39	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:40	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:41	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:42	23,254.4	2,400.4	93	2,217.0	228.8	25,471.4	2,629.3	230	372
08/02/24	9:43	23,260.7	2,401.1	93	2,217.6	228.9	25,478.3	2,630.0	230	372
08/02/24	9:44	23,240.5	2,399.0	93	2,208.7	228.0	25,449.3	2,627.0	230	372
08/02/24	9:45	23,285.3	2,403.6	93	2,218.6	229.0	25,504.0	2,632.6	230	372
08/02/24	9:46	23,290.1	2,400.6	93	2,213.3	228.1	25,503.4	2,628.7	230	372
08/02/24	9:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:48	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:49	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:58	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	9:59	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:00	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:01	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:02	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:03	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:04	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:05	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:06	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:07	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:08	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:09	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:10	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:11	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:12	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:13	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:14	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:15	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:16	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:17	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:18	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:19	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:20	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:21	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:22	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:23	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:24	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	10:25	23,203.9	2,392.6	93	2,211.6	228.0	25,415.5	2,620.6	229	371
08/02/24	10:26	23,200.6	2,392.2	93	2,213.4	228.2	25,414.1	2,620.4	229	372
08/02/24	10:27	23,198.6	2,392.0	93	2,211.4	228.0	25,410.0	2,620.0	229	372
08/02/24	10:28	23,220.6	2,394.3	93	2,206.5	227.5	25,427.1	2,621.8	229	371
08/02/24	10:29	23,185.5	2,390.7	93	2,217.2	228.6	25,402.7	2,619.3	229	371
08/02/24	10:30	23,140.0	2,386.0	93	2,216.5	228.5	25,356.4	2,614.5	229	371
08/02/24	10:31	23,109.8	2,383.8	93	2,207.6	227.7	25,317.3	2,611.5	228	370
08/02/24	10:32	23,079.5	2,380.7	93	2,214.7	228.5	25,294.2	2,609.2	228	370
08/02/24	10:33	23,064.9	2,379.2	93	2,215.5	228.5	25,280.4	2,607.8	228	370
08/02/24	10:34	23,068.1	2,379.6	93	2,210.6	228.0	25,278.7	2,607.6	228	370
08/02/24	10:35	23,092.8	2,382.1	93	2,214.4	228.4	25,307.2	2,610.5	227	369
08/02/24	10:36	23,024.3	2,375.0	93	2,212.2	228.2	25,236.5	2,603.2	227	369
08/02/24	10:37	23,078.9	2,380.7	93	2,211.8	228.2	25,290.7	2,608.8	228	369
08/02/24	10:38	23,036.7	2,376.3	93	2,214.6	228.4	25,251.3	2,604.8	227	369
08/02/24	10:39	23,061.9	2,378.9	93	2,213.0	228.3	25,274.9	2,607.2	227	369
08/02/24	10:40	23,051.9	2,377.9	93	2,208.2	227.8	25,260.1	2,605.7	228	369
08/02/24	10:41	23,080.7	2,380.9	93	2,214.2	228.4	25,294.9	2,609.3	228	369
08/02/24	10:42	23,052.4	2,377.9	93	2,213.5	228.3	25,265.9	2,606.3	227	369
08/02/24	10:43	23,018.0	2,374.4	93	2,210.8	228.0	25,228.8	2,602.4	227	369
08/02/24	10:44	23,074.8	2,380.3	93	2,208.2	227.8	25,283.0	2,608.0	228	369
08/02/24	10:45	23,096.4	2,382.5	93	2,214.6	228.4	25,311.0	2,610.9	228	370
08/02/24	10:46	23,056.6	2,378.6	93	2,206.4	227.6	25,263.0	2,606.2	228	369
08/02/24	10:47	23,053.6	2,378.3	93	2,210.7	228.1	25,264.2	2,606.4	228	369
08/02/24	10:48	23,070.8	2,380.1	93	2,212.9	228.3	25,283.7	2,608.4	228	369
08/02/24	10:49	23,083.9	2,381.4	93	2,207.7	227.8	25,291.6	2,609.2	228	370
08/02/24	10:50	23,065.7	2,379.5	93	2,210.8	228.1	25,276.5	2,607.6	228	370

08/02/24	10:51	23,061.2	2,379.1	93	2,211.8	228.2	25,273.0	2,607.3	228	370
08/02/24	10:52	23,071.8	2,380.2	93	2,208.7	227.9	25,280.5	2,608.0	228	370
08/02/24	10:53	23,129.0	2,386.1	93	2,209.3	227.9	25,338.3	2,614.0	228	370
08/02/24	10:54	23,074.4	2,380.4	93	2,209.0	227.9	25,283.4	2,608.3	228	370
08/02/24	10:55	23,143.9	2,387.6	93	2,206.6	227.6	25,350.5	2,615.3	229	371
08/02/24	10:56	23,110.7	2,384.2	93	2,208.7	227.9	25,319.4	2,612.0	228	370
08/02/24	10:57	23,130.2	2,386.2	93	2,211.9	228.2	25,342.1	2,614.4	229	371
08/02/24	10:58	23,132.1	2,386.4	93	2,205.3	227.5	25,337.4	2,613.9	229	371
08/02/24	10:59	23,126.7	2,385.8	93	2,209.4	227.9	25,336.1	2,613.8	228	371
08/02/24	11:00	23,176.1	2,390.9	93	2,210.7	228.1	25,386.8	2,619.0	229	371
08/02/24	11:01	23,136.2	2,386.8	93	2,206.7	227.7	25,342.9	2,614.5	229	371
08/02/24	11:02	23,256.3	2,400.4	94	2,211.2	228.2	25,467.5	2,628.7	230	372
08/02/24	11:03	23,149.8	2,389.6	93	2,210.4	228.2	25,360.3	2,617.7	229	371
08/02/24	11:04	23,158.6	2,390.5	93	2,205.2	227.6	25,363.8	2,618.1	229	371
08/02/24	11:05	23,202.0	2,395.0	93	2,207.6	227.9	25,409.6	2,622.8	229	372
08/02/24	11:06	23,205.8	2,395.4	93	2,210.6	228.2	25,416.4	2,623.5	229	372
08/02/24	11:07	23,127.9	2,387.3	93	2,204.3	227.5	25,332.2	2,614.8	229	371
08/02/24	11:08	23,115.8	2,386.1	93	2,211.6	228.3	25,327.5	2,614.4	229	371
08/02/24	11:09	23,196.6	2,394.4	94	2,209.2	228.0	25,405.8	2,622.4	229	372
08/02/24	11:10	23,115.3	2,386.0	93	2,201.7	227.3	25,317.1	2,613.3	228	371
08/02/24	11:11	23,158.3	2,390.4	93	2,214.1	228.5	25,372.4	2,619.0	229	371
08/02/24	11:12	23,254.4	2,400.4	93	2,210.9	228.2	25,465.3	2,628.6	230	373
08/02/24	11:13	23,221.2	2,396.9	93	2,204.1	227.5	25,425.4	2,624.5	229	372
08/02/24	11:14	23,199.6	2,394.7	93	2,213.5	228.5	25,413.1	2,623.2	229	372
08/02/24	11:15	23,221.3	2,396.9	93	2,207.9	227.9	25,429.1	2,624.8	230	372
08/02/24	11:16	23,230.9	2,398.3	93	2,213.0	228.5	25,443.9	2,626.8	229	372
08/02/24	11:17	23,231.0	2,398.4	93	2,215.4	228.7	25,446.4	2,627.1	230	372
08/02/24	11:18	23,243.5	2,399.6	93	2,204.1	227.5	25,447.6	2,627.2	230	373
08/02/24	11:19	23,199.3	2,395.1	93	2,214.3	228.6	25,413.6	2,623.7	230	372

Average	23,374.2	2,414.1	93	2,210.2	228.3	25,584.4	2,642.3	232	374
Minimum	23,018.0	2,374.4	93	2,201.3	227.3	25,228.8	2,602.4	227	369
Maximum	23,723.6	2,450.7	94	2,220.0	229.2	25,938.7	2,679.6	236	380
Summation	5,609,798.8	579,378.4	22,375	530,447.8	54,784.3	6,140,246.6	634,162.7	55,557	89,848

Included Data Points	240	240	240	240	240	240	240	240	240
Total Number of Data Points	310	310	310	310	310	310	310	310	310

F = Unit Offline
I = Invalid

E = Exceedance
M = Maintentance

C = Calibration
T = Out Of Control

S = Substituted
* = Suspect

U - Startup
D - Shutdown

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

Plant: Covert Generating Station
Interval: 1 Minute Type: Block
Report Period: 8/2/2024 12:00 Through 8/2/2024 16:25
Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT01								
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
08/02/24	12:00	23,478.6	2,425.2	93	2,206.8	228.0	25,685.3	2,653.2	233	376
08/02/24	12:01	23,467.9	2,424.1	93	2,217.0	229.0	25,684.9	2,653.2	233	376
08/02/24	12:02	23,420.0	2,418.9	93	2,211.8	228.4	25,631.7	2,647.3	233	375
08/02/24	12:03	23,461.9	2,423.2	93	2,210.8	228.3	25,672.7	2,651.5	233	376
08/02/24	12:04	23,456.3	2,422.6	93	2,217.5	229.0	25,673.8	2,651.6	233	375
08/02/24	12:05	23,414.4	2,418.3	93	2,205.6	227.8	25,620.0	2,646.1	232	375
08/02/24	12:06	23,442.2	2,421.1	93	2,215.1	228.8	25,657.4	2,649.9	232	375
08/02/24	12:07	23,447.2	2,421.6	93	2,214.1	228.7	25,661.3	2,650.3	232	375
08/02/24	12:08	23,411.0	2,417.9	93	2,207.9	228.0	25,618.8	2,645.9	232	375
08/02/24	12:09	23,436.5	2,420.5	93	2,217.1	229.0	25,653.5	2,649.5	232	375
08/02/24	12:10	23,440.0	2,420.9	93	2,214.0	228.7	25,653.9	2,649.6	233	375
08/02/24	12:11	23,454.5	2,422.4	93	2,212.2	228.5	25,666.7	2,650.9	233	375
08/02/24	12:12	23,462.1	2,423.2	93	2,214.3	228.7	25,676.4	2,651.9	233	376
08/02/24	12:13	23,435.2	2,420.4	93	2,210.7	228.3	25,645.9	2,648.7	232	375
08/02/24	12:14	23,490.2	2,426.1	93	2,211.9	228.5	25,702.2	2,654.5	233	376
08/02/24	12:15	23,488.3	2,425.9	93	2,213.1	228.6	25,701.4	2,654.5	233	376
08/02/24	12:16	23,452.0	2,422.1	93	2,211.0	228.4	25,663.1	2,650.5	233	376
08/02/24	12:17	23,488.0	2,425.8	93	2,213.3	228.6	25,701.3	2,654.4	233	376
08/02/24	12:18	23,475.1	2,424.5	93	2,214.4	228.7	25,689.5	2,653.2	233	376
08/02/24	12:19	23,465.1	2,423.5	93	2,210.9	228.3	25,676.0	2,651.8	233	376
08/02/24	12:20	23,431.1	2,419.9	93	2,215.2	228.8	25,646.4	2,648.7	233	376
08/02/24	12:21	23,405.5	2,417.3	93	2,214.9	228.7	25,620.4	2,646.1	232	375
08/02/24	12:22	23,399.3	2,416.7	93	2,211.4	228.4	25,610.6	2,645.0	232	375
08/02/24	12:23	23,409.1	2,417.7	93	2,214.9	228.8	25,624.0	2,646.4	232	375
08/02/24	12:24	23,398.9	2,416.6	93	2,212.0	228.5	25,610.9	2,645.1	232	375
08/02/24	12:25	23,433.8	2,420.2	93	2,213.4	228.6	25,647.2	2,648.8	232	375
08/02/24	12:26	23,458.4	2,422.8	93	2,216.6	228.9	25,675.0	2,651.7	233	375
08/02/24	12:27	23,438.2	2,420.7	93	2,212.3	228.5	25,650.4	2,649.2	233	375
08/02/24	12:28	23,439.8	2,420.8	93	2,216.9	229.0	25,656.6	2,649.8	233	375
08/02/24	12:29	23,441.6	2,421.0	93	2,219.6	229.2	25,661.3	2,650.3	233	376
08/02/24	12:30	23,462.8	2,423.2	93	2,210.4	228.3	25,673.2	2,651.5	233	375
08/02/24	12:31	23,411.3	2,417.9	93	2,219.6	229.2	25,631.0	2,647.1	232	375
08/02/24	12:32	23,399.2	2,416.6	93	2,213.7	228.6	25,612.9	2,645.3	232	375
08/02/24	12:33	23,426.1	2,419.4	93	2,213.9	228.6	25,640.0	2,648.1	232	375
08/02/24	12:34	23,420.6	2,418.8	93	2,219.3	229.2	25,639.8	2,648.1	232	375
08/02/24	12:35	23,449.9	2,421.9	93	2,210.1	228.3	25,660.0	2,650.1	233	375
08/02/24	12:36	23,404.8	2,417.2	93	2,218.2	229.1	25,623.0	2,646.3	232	375
08/02/24	12:37	23,394.5	2,416.2	93	2,216.0	228.9	25,610.5	2,645.0	232	375
08/02/24	12:38	23,456.5	2,422.6	93	2,209.7	228.2	25,666.2	2,650.8	232	375
08/02/24	12:39	23,406.2	2,417.4	93	2,221.5	229.4	25,627.8	2,646.8	232	375
08/02/24	12:40	23,400.8	2,416.8	93	2,210.8	228.3	25,611.6	2,645.1	232	375
08/02/24	12:41	23,401.2	2,416.9	93	2,215.7	228.8	25,616.9	2,645.7	232	374
08/02/24	12:42	23,395.9	2,416.3	93	2,215.3	228.8	25,611.2	2,645.1	232	374
08/02/24	12:43	23,395.4	2,416.2	93	2,210.9	228.3	25,606.2	2,644.6	232	375
08/02/24	12:44	23,410.0	2,417.8	93	2,214.9	228.8	25,624.9	2,646.5	232	375
08/02/24	12:45	23,390.4	2,415.7	93	2,217.4	229.0	25,607.8	2,644.7	232	375
08/02/24	12:46	23,469.8	2,424.4	93	2,212.6	228.6	25,682.4	2,652.9	233	375
08/02/24	12:47	23,436.4	2,421.0	93	2,216.1	228.9	25,652.5	2,649.9	232	375
08/02/24	12:48	23,446.0	2,422.0	93	2,211.6	228.5	25,657.6	2,650.4	232	375
08/02/24	12:49	23,488.2	2,426.3	93	2,212.8	228.6	25,701.0	2,654.9	233	375
08/02/24	12:50	23,479.5	2,425.4	93	2,216.4	229.0	25,695.9	2,654.4	233	375
08/02/24	12:51	23,483.8	2,425.9	93	2,210.6	228.4	25,694.4	2,654.2	233	375
08/02/24	12:52	23,479.9	2,425.5	93	2,213.3	228.6	25,693.2	2,654.1	233	375
08/02/24	12:53	23,427.4	2,420.1	93	2,218.5	229.2	25,646.0	2,649.2	232	375
08/02/24	12:54	23,508.6	2,428.4	93	2,212.2	228.5	25,720.8	2,657.0	233	376
08/02/24	12:55	23,455.2	2,422.9	93	2,215.0	228.8	25,670.2	2,651.7	233	375
08/02/24	12:56	23,455.2	2,422.9	93	2,212.1	228.5	25,667.3	2,651.4	232	375
08/02/24	12:57	23,425.1	2,419.8	93	2,215.0	228.8	25,640.1	2,648.6	232	375
08/02/24	12:58	23,430.3	2,420.4	93	2,213.4	228.6	25,643.8	2,649.0	232	375
08/02/24	12:59	23,465.4	2,424.0	93	2,210.6	228.4	25,676.1	2,652.3	233	376
08/02/24	13:00	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	13:01	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/02/24	13:02	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	13:03	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	13:04	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	13:05	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	13:06	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	13:07	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	13:08	23,459.3	2,423.0	93	2,214.7	228.7	25,674.0	2,651.7	233	375
08/02/24	13:09	23,418.1	2,418.7	93	2,214.1	228.7	25,632.2	2,647.4	233	375
08/02/24	13:10	23,439.9	2,421.0	93	2,210.3	228.3	25,650.2	2,649.3	233	375
08/02/24	13:11	23,508.3	2,428.1	93	2,218.6	229.2	25,727.0	2,657.2	233	375
08/02/24	13:12	23,396.4	2,416.5	93	2,213.4	228.6	25,609.8	2,645.1	232	374
08/02/24	13:13	23,425.8	2,419.5	93	2,211.7	228.4	25,637.4	2,648.0	232	375
08/02/24	13:14	23,474.6	2,424.6	93	2,218.2	229.1	25,692.8	2,653.7	233	375
08/02/24	13:15	23,401.8	2,417.1	93	2,213.5	228.6	25,615.3	2,645.7	232	375
08/02/24	13:16	23,415.5	2,423.5	93	2,213.3	229.1	25,628.8	2,652.5	232	375
08/02/24	13:17	23,482.2	2,430.8	93	2,216.3	229.4	25,698.5	2,660.3	233	376
08/02/24	13:18	23,466.6	2,429.2	93	2,207.6	228.5	25,674.3	2,657.7	233	375
08/02/24	13:19	23,430.7	2,425.5	93	2,215.0	229.3	25,645.8	2,654.8	232	375
08/02/24	13:20	23,424.1	2,424.8	93	2,209.8	228.8	25,633.9	2,653.6	232	375
08/02/24	13:21	23,421.9	2,424.6	93	2,208.7	228.6	25,630.6	2,653.2	232	375
08/02/24	13:22	23,444.4	2,426.9	93	2,212.9	229.1	25,657.3	2,656.0	233	375
08/02/24	13:23	23,481.9	2,430.8	93	2,211.8	229.0	25,693.7	2,659.8	233	376
08/02/24	13:24	23,439.1	2,426.4	93	2,211.7	228.9	25,650.8	2,655.3	233	375
08/02/24	13:25	23,439.8	2,426.4	93	2,217.4	229.5	25,657.2	2,656.0	233	375
08/02/24	13:26	23,425.9	2,425.0	93	2,210.5	228.8	25,636.4	2,653.8	232	375
08/02/24	13:27	23,441.9	2,426.7	93	2,211.8	229.0	25,653.7	2,655.6	232	375
08/02/24	13:28	23,446.7	2,427.2	93	2,211.6	228.9	25,658.3	2,656.1	233	375
08/02/24	13:29	23,425.1	2,424.9	93	2,211.2	228.9	25,636.3	2,653.8	233	376
08/02/24	13:30	23,419.3	2,424.3	93	2,219.4	229.7	25,638.7	2,654.1	232	375
08/02/24	13:31	23,414.3	2,424.6	93	2,211.8	229.0	25,626.1	2,653.7	232	375
08/02/24	13:32	23,390.8	2,422.3	93	2,211.2	229.0	25,602.1	2,651.3	232	375
08/02/24	13:33	23,445.1	2,427.9	93	2,216.2	229.5	25,661.3	2,657.4	232	375
08/02/24	13:34	23,378.0	2,421.0	93	2,210.6	228.9	25,588.5	2,649.9	232	375
08/02/24	13:35	23,390.0	2,422.2	93	2,211.0	229.0	25,600.9	2,651.2	232	375
08/02/24	13:36	23,404.1	2,423.7	93	2,214.8	229.4	25,618.9	2,653.0	232	374
08/02/24	13:37	23,358.2	2,418.9	93	2,209.8	228.8	25,568.1	2,647.8	232	374
08/02/24	13:38	23,346.3	2,417.7	93	2,213.4	229.2	25,559.7	2,646.9	231	374
08/02/24	13:39	23,431.6	2,426.5	93	2,210.2	228.9	25,641.7	2,655.4	232	374
08/02/24	13:40	23,388.0	2,422.0	93	2,208.6	228.7	25,596.6	2,650.7	232	374
08/02/24	13:41	23,371.0	2,420.2	93	2,215.0	229.4	25,586.0	2,649.6	232	374
08/02/24	13:42	23,369.6	2,420.1	93	2,212.2	229.1	25,581.8	2,649.2	232	374
08/02/24	13:43	23,376.1	2,420.8	93	2,210.3	228.9	25,586.3	2,649.7	232	374
08/02/24	13:44	23,355.9	2,418.7	93	2,215.6	229.4	25,571.5	2,648.1	232	374
08/02/24	13:45	23,361.2	2,419.2	93	2,209.4	228.8	25,570.6	2,648.0	232	374
08/02/24	13:46	23,346.8	2,417.8	93	2,212.3	229.1	25,559.1	2,646.9	232	374
08/02/24	13:47	23,395.3	2,422.8	93	2,211.5	229.0	25,606.8	2,651.9	232	374
08/02/24	13:48	23,424.2	2,425.8	93	2,208.1	228.7	25,632.3	2,654.5	232	375
08/02/24	13:49	23,347.2	2,417.8	93	2,216.4	229.5	25,563.6	2,647.4	232	374
08/02/24	13:50	23,360.0	2,419.2	93	2,214.2	229.3	25,574.2	2,648.5	232	374
08/02/24	13:51	23,396.8	2,423.0	93	2,206.6	228.5	25,603.5	2,651.5	232	375
08/02/24	13:52	23,357.3	2,418.9	93	2,214.4	229.3	25,571.7	2,648.2	232	374
08/02/24	13:53	23,349.4	2,418.1	93	2,207.9	228.6	25,557.3	2,646.7	232	374
08/02/24	13:54	23,453.8	2,428.9	93	2,211.9	229.1	25,665.7	2,657.9	232	375
08/02/24	13:55	23,387.3	2,422.0	93	2,211.1	229.0	25,598.3	2,651.0	232	374
08/02/24	13:56	23,371.5	2,420.4	93	2,207.1	228.6	25,578.6	2,648.9	232	374
08/02/24	13:57	23,393.2	2,422.6	93	2,214.5	229.3	25,607.7	2,651.9	232	374
08/02/24	13:58	23,339.0	2,417.0	93	2,209.9	228.9	25,548.8	2,645.8	232	374
08/02/24	13:59	23,373.0	2,420.5	93	2,204.1	228.3	25,577.1	2,648.8	232	374
08/02/24	14:00	23,367.5	2,419.9	93	2,212.7	229.1	25,580.2	2,649.1	232	374
08/02/24	14:01	23,369.0	2,419.5	93	2,208.5	228.7	25,577.5	2,648.1	232	374
08/02/24	14:02	23,346.8	2,417.1	93	2,210.7	228.9	25,557.6	2,646.0	231	374
08/02/24	14:03	23,351.8	2,417.6	93	2,212.8	229.1	25,564.6	2,646.7	232	374
08/02/24	14:04	23,399.8	2,422.6	93	2,208.1	228.6	25,607.9	2,651.2	232	375
08/02/24	14:05	23,419.3	2,424.6	93	2,211.4	228.9	25,630.7	2,653.5	232	374
08/02/24	14:06	23,423.6	2,425.0	93	2,212.8	229.1	25,636.3	2,654.1	232	375
08/02/24	14:07	23,412.4	2,423.9	93	2,205.3	228.3	25,617.8	2,652.2	232	375
08/02/24	14:08	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	14:09	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	14:10	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	14:11	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	14:12	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	14:13	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	14:14	23,352.7	2,417.7	93	2,206.1	228.4	25,558.8	2,646.1	232	374

08/02/24	14:15	23,385.4	2,421.1	93	2,204.8	228.3	25,590.2	2,649.4	232	375
08/02/24	14:16	23,376.3	2,420.4	93	2,212.4	229.1	25,588.7	2,649.5	232	374
08/02/24	14:17	23,413.5	2,424.3	93	2,206.8	228.5	25,620.3	2,652.8	232	374
08/02/24	14:18	23,385.8	2,421.4	93	2,208.4	228.7	25,594.3	2,650.1	232	374
08/02/24	14:19	23,417.2	2,424.7	93	2,211.2	229.0	25,628.4	2,653.6	232	375
08/02/24	14:20	23,406.5	2,423.6	93	2,205.4	228.4	25,611.8	2,651.9	232	375
08/02/24	14:21	23,437.3	2,426.8	93	2,213.2	229.2	25,650.5	2,655.9	232	375
08/02/24	14:22	23,365.7	2,419.3	93	2,213.0	229.1	25,578.8	2,648.5	232	375
08/02/24	14:23	23,429.7	2,426.0	93	2,205.3	228.3	25,635.0	2,654.3	232	375
08/02/24	14:24	23,399.0	2,422.8	93	2,213.6	229.2	25,612.6	2,652.0	232	375
08/02/24	14:25	23,405.3	2,423.4	93	2,206.3	228.4	25,611.6	2,651.9	232	375
08/02/24	14:26	23,410.2	2,424.0	93	2,210.6	228.9	25,620.8	2,652.8	232	375
08/02/24	14:27	23,410.6	2,424.0	93	2,208.9	228.7	25,619.5	2,652.7	232	375
08/02/24	14:28	23,386.8	2,421.5	93	2,208.2	228.6	25,595.0	2,650.2	232	375
08/02/24	14:29	23,386.9	2,421.5	93	2,212.8	229.1	25,599.8	2,650.7	232	375
08/02/24	14:30	23,385.2	2,421.4	93	2,206.0	228.4	25,591.2	2,649.8	232	375
08/02/24	14:31	23,402.0	2,423.1	93	2,210.9	228.9	25,612.9	2,652.0	232	374
08/02/24	14:32	23,347.6	2,417.5	93	2,211.4	229.0	25,559.1	2,646.5	231	374
08/02/24	14:33	23,353.3	2,418.1	93	2,205.8	228.4	25,559.1	2,646.5	232	374
08/02/24	14:34	23,365.7	2,419.4	93	2,210.2	228.8	25,575.8	2,648.2	232	374
08/02/24	14:35	23,367.8	2,419.6	93	2,208.3	228.7	25,576.2	2,648.2	232	374
08/02/24	14:36	23,377.6	2,420.6	93	2,206.9	228.5	25,584.6	2,649.1	232	374
08/02/24	14:37	23,360.9	2,418.9	93	2,214.1	229.3	25,575.1	2,648.1	232	374
08/02/24	14:38	23,319.1	2,414.5	93	2,207.2	228.5	25,526.2	2,643.1	231	374
08/02/24	14:39	23,348.6	2,417.6	93	2,208.2	228.6	25,556.8	2,646.2	232	374
08/02/24	14:40	23,333.5	2,416.0	93	2,210.3	228.9	25,543.8	2,644.9	231	373
08/02/24	14:41	23,283.5	2,410.8	93	2,203.4	228.1	25,486.9	2,639.0	231	373
08/02/24	14:42	23,285.9	2,411.1	93	2,212.9	229.1	25,498.8	2,640.2	231	373
08/02/24	14:43	23,243.2	2,406.7	93	2,207.3	228.5	25,450.5	2,635.2	230	372
08/02/24	14:44	23,352.8	2,418.0	93	2,205.4	228.4	25,558.2	2,646.4	231	374
08/02/24	14:45	23,298.5	2,412.4	93	2,209.9	228.8	25,508.4	2,641.2	231	373
08/02/24	14:46	23,277.7	2,408.9	93	2,207.2	228.4	25,484.9	2,637.4	231	373
08/02/24	14:47	23,293.9	2,410.5	93	2,207.3	228.4	25,501.2	2,638.9	231	373
08/02/24	14:48	23,350.3	2,416.3	93	2,211.2	228.8	25,561.5	2,645.2	231	374
08/02/24	14:49	23,344.0	2,415.7	93	2,208.2	228.5	25,552.2	2,644.2	231	373
08/02/24	14:50	23,277.7	2,408.8	93	2,208.4	228.5	25,486.1	2,637.4	231	373
08/02/24	14:51	23,313.1	2,412.5	93	2,206.7	228.4	25,519.8	2,640.8	231	373
08/02/24	14:52	23,309.9	2,412.2	93	2,206.4	228.3	25,516.3	2,640.5	231	373
08/02/24	14:53	23,389.7	2,420.4	93	2,211.3	228.8	25,601.0	2,649.2	232	374
08/02/24	14:54	23,365.6	2,417.9	93	2,206.8	228.4	25,572.4	2,646.3	232	374
08/02/24	14:55	23,346.2	2,415.9	93	2,206.8	228.4	25,553.0	2,644.3	232	374
08/02/24	14:56	23,398.1	2,421.3	93	2,211.5	228.9	25,609.6	2,650.1	232	374
08/02/24	14:57	23,416.3	2,423.2	93	2,204.0	228.1	25,620.3	2,651.2	232	375
08/02/24	14:58	23,416.4	2,423.2	93	2,210.2	228.7	25,626.6	2,651.9	232	374
08/02/24	14:59	23,392.5	2,420.7	93	2,206.4	228.3	25,598.9	2,649.0	232	374
08/02/24	15:00	23,416.3	2,423.2	93	2,206.0	228.3	25,622.3	2,651.4	232	375
08/02/24	15:01	23,358.9	2,417.2	93	2,212.5	229.0	25,571.5	2,646.2	231	374
08/02/24	15:02	23,362.2	2,417.6	93	2,204.2	228.1	25,566.4	2,645.7	232	374
08/02/24	15:03	23,410.2	2,422.5	93	2,213.8	229.1	25,624.0	2,651.6	232	375
08/02/24	15:04	23,337.8	2,414.2	93	2,208.8	228.5	25,546.6	2,642.7	231	374
08/02/24	15:05	23,343.6	2,414.7	93	2,208.6	228.5	25,552.1	2,643.2	232	374
08/02/24	15:06	23,393.5	2,419.9	93	2,215.0	229.1	25,608.6	2,649.0	232	374
08/02/24	15:07	23,374.8	2,418.0	93	2,209.1	228.5	25,583.9	2,646.5	232	374
08/02/24	15:08	23,346.5	2,415.0	93	2,210.8	228.7	25,557.3	2,643.7	232	374
08/02/24	15:09	23,386.8	2,419.2	93	2,213.4	229.0	25,600.2	2,648.2	232	374
08/02/24	15:10	23,363.5	2,416.8	93	2,202.7	227.9	25,566.2	2,644.7	232	374
08/02/24	15:11	23,361.3	2,416.6	93	2,210.8	228.7	25,572.1	2,645.3	232	374
08/02/24	15:12	23,362.8	2,416.7	93	2,208.5	228.5	25,571.3	2,645.2	231	374
08/02/24	15:13	23,386.3	2,419.2	93	2,208.9	228.5	25,595.3	2,647.7	232	374
08/02/24	15:14	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:15	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:16	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:17	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:18	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:19	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:20	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:21	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:22	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:23	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:24	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:25	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/02/24	15:26	23,358.6	2,415.9	93	2,207.1	228.3	25,565.7	2,644.2	231	373
08/02/24	15:27	23,294.3	2,409.3	93	2,213.1	228.9	25,507.3	2,638.2	231	373
08/02/24	15:28	23,254.2	2,405.1	93	2,208.4	228.4	25,462.6	2,633.6	231	373

08/02/24	15:29	23,342.4	2,414.3	93	2,208.0	228.4	25,550.4	2,642.6	231	373
08/02/24	15:30	23,332.0	2,413.2	93	2,211.1	228.7	25,543.1	2,641.9	231	373
08/02/24	15:31	23,290.0	2,408.8	93	2,206.5	228.2	25,496.4	2,637.0	231	373
08/02/24	15:32	23,232.1	2,402.8	93	2,210.6	228.6	25,442.7	2,631.4	230	372
08/02/24	15:33	23,341.9	2,414.1	93	2,211.0	228.7	25,552.9	2,642.8	231	373
08/02/24	15:34	23,308.9	2,410.7	93	2,207.9	228.4	25,516.7	2,639.1	231	373
08/02/24	15:35	23,275.3	2,407.3	93	2,211.2	228.7	25,486.5	2,635.9	231	373
08/02/24	15:36	23,357.2	2,415.7	93	2,209.3	228.5	25,566.5	2,644.2	232	374
08/02/24	15:37	23,352.4	2,415.2	93	2,212.5	228.8	25,564.9	2,644.0	231	374
08/02/24	15:38	23,302.8	2,410.1	93	2,207.3	228.3	25,510.1	2,638.4	231	373
08/02/24	15:39	23,253.6	2,405.0	93	2,205.3	228.1	25,458.9	2,633.1	231	373
08/02/24	15:40	23,334.7	2,413.4	93	2,212.2	228.8	25,546.9	2,642.2	231	373
08/02/24	15:41	23,325.8	2,412.5	93	2,204.7	228.0	25,530.5	2,640.5	231	374
08/02/24	15:42	23,349.7	2,414.9	93	2,210.2	228.6	25,559.9	2,643.5	231	374
08/02/24	15:43	23,336.6	2,413.6	93	2,213.6	228.9	25,550.3	2,642.5	232	374
08/02/24	15:44	23,385.0	2,418.6	93	2,201.6	227.7	25,586.6	2,646.3	232	375
08/02/24	15:45	23,381.5	2,418.2	93	2,213.8	229.0	25,595.3	2,647.2	232	374
08/02/24	15:46	23,375.2	2,416.8	93	2,204.5	227.9	25,579.6	2,644.8	232	375
08/02/24	15:47	23,371.6	2,416.4	93	2,214.4	229.0	25,586.1	2,645.3	232	375
08/02/24	15:48	23,405.9	2,419.9	93	2,207.8	228.3	25,613.8	2,648.2	232	375
08/02/24	15:49	23,380.1	2,417.3	93	2,210.6	228.6	25,590.7	2,645.8	232	375
08/02/24	15:50	23,409.9	2,420.3	93	2,215.5	229.1	25,625.4	2,649.4	232	375
08/02/24	15:51	23,411.4	2,420.5	93	2,210.8	228.6	25,622.3	2,649.1	233	375
08/02/24	15:52	23,404.6	2,419.8	93	2,212.2	228.7	25,616.8	2,648.5	232	375
08/02/24	15:53	23,375.2	2,416.8	93	2,211.0	228.6	25,586.3	2,645.4	232	375
08/02/24	15:54	23,407.4	2,420.1	93	2,208.5	228.3	25,615.9	2,648.4	232	375
08/02/24	15:55	23,414.3	2,420.8	93	2,214.8	229.0	25,629.1	2,649.8	232	375
08/02/24	15:56	23,416.1	2,421.0	93	2,210.4	228.5	25,626.4	2,649.5	233	375
08/02/24	15:57	23,459.2	2,425.4	93	2,209.2	228.4	25,668.4	2,653.9	233	375
08/02/24	15:58	23,415.9	2,421.0	93	2,212.2	228.7	25,628.1	2,649.7	232	375
08/02/24	15:59	23,430.6	2,422.5	93	2,207.9	228.3	25,638.6	2,650.8	232	375
08/02/24	16:00	23,435.4	2,423.0	93	2,214.5	229.0	25,649.8	2,651.9	233	375
08/02/24	16:01	23,430.2	2,423.0	93	2,208.3	228.4	25,638.6	2,651.3	232	375
08/02/24	16:02	23,411.9	2,421.1	93	2,214.4	229.0	25,626.3	2,650.1	232	375
08/02/24	16:03	23,388.4	2,418.7	93	2,208.5	228.4	25,596.9	2,647.1	232	375
08/02/24	16:04	23,415.3	2,421.5	93	2,208.9	228.4	25,624.2	2,649.9	232	375
08/02/24	16:05	23,383.9	2,418.2	93	2,215.3	229.1	25,599.2	2,647.3	232	375
08/02/24	16:06	23,404.4	2,420.4	93	2,205.4	228.1	25,609.8	2,648.4	232	375
08/02/24	16:07	23,352.5	2,415.0	93	2,214.3	229.0	25,566.9	2,644.0	231	374
08/02/24	16:08	23,311.3	2,410.7	93	2,205.6	228.1	25,516.9	2,638.8	231	374
08/02/24	16:09	23,414.9	2,421.4	94	2,210.2	228.6	25,625.1	2,650.0	232	375
08/02/24	16:10	23,241.4	2,403.5	93	2,212.7	228.8	25,454.2	2,632.3	230	373
08/02/24	16:11	23,340.8	2,413.8	93	2,204.8	228.0	25,545.6	2,641.8	231	374
08/02/24	16:12	23,413.3	2,421.3	93	2,213.4	228.9	25,626.6	2,650.2	232	375
08/02/24	16:13	23,412.3	2,421.2	93	2,207.3	228.3	25,619.6	2,649.4	232	375
08/02/24	16:14	23,357.2	2,415.5	93	2,211.5	228.7	25,568.7	2,644.2	232	374
08/02/24	16:15	23,382.4	2,418.1	93	2,211.0	228.6	25,593.4	2,646.7	232	375
08/02/24	16:16	23,337.8	2,418.9	93	2,206.8	228.7	25,544.6	2,647.7	232	374
08/02/24	16:17	23,264.9	2,411.9	93	2,206.9	228.8	25,471.8	2,640.7	231	373
08/02/24	16:18	23,283.1	2,413.7	93	2,205.8	228.7	25,488.8	2,642.4	231	373
08/02/24	16:19	23,330.7	2,418.7	94	2,208.2	228.9	25,538.9	2,647.6	232	374
08/02/24	16:20	23,256.6	2,411.0	93	2,207.9	228.9	25,464.5	2,639.9	231	373
08/02/24	16:21	23,304.9	2,416.0	93	2,203.5	228.4	25,508.4	2,644.5	231	373
08/02/24	16:22	23,329.2	2,418.5	93	2,214.0	229.5	25,543.2	2,648.1	232	374
08/02/24	16:23	23,278.7	2,413.3	93	2,207.4	228.8	25,486.1	2,642.1	231	374
08/02/24	16:24	23,254.5	2,410.8	93	2,209.0	229.0	25,463.6	2,639.8	231	373
08/02/24	16:25	23,342.6	2,419.9	93	2,212.3	229.3	25,554.9	2,649.3	232	374
Average		23,390.7	2,419.5	93	2,211.1	228.7	25,601.8	2,648.2	232	375
Minimum		23,232.1	2,402.8	93	2,201.6	227.7	25,442.7	2,631.4	230	372
Maximum		23,508.6	2,430.8	94	2,221.5	229.7	25,727.0	2,660.3	233	376
Summation		5,613,768.3	580,681.0	22,361	530,654.3	54,890.2	6,144,422.6	635,571.2	55,671	89,886
Included Data Points		240	240	240	240	240	240	240	240	240
Total Number of Data Points		266	266	266	266	266	266	266	266	266

Unit 1 PM Performance Test (4-Hr Run) - Run 5

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 8/5/2024 11:25 Through 8/5/2024 15:44

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT01								
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
08/05/24	11:25	23,167.3	2,453.6	93	2,250.7	238.4	25,418.0	2,691.9	235	379
08/05/24	11:26	23,161.1	2,452.9	93	2,248.7	238.1	25,409.8	2,691.1	235	379
08/05/24	11:27	23,147.4	2,451.4	93	2,246.1	237.9	25,393.5	2,689.3	235	379
08/05/24	11:28	23,186.5	2,455.6	93	2,249.4	238.2	25,435.9	2,693.8	235	379
08/05/24	11:29	23,160.0	2,452.8	93	2,246.2	237.9	25,406.2	2,690.7	235	379
08/05/24	11:30	23,156.4	2,452.4	93	2,253.2	238.6	25,409.6	2,691.0	235	379
08/05/24	11:31	23,176.9	2,454.6	93	2,244.5	237.7	25,421.4	2,692.3	235	379
08/05/24	11:32	23,168.7	2,453.7	93	2,255.4	238.9	25,424.1	2,692.6	235	379
08/05/24	11:33	23,175.9	2,454.5	93	2,246.8	237.9	25,422.7	2,692.4	235	379
08/05/24	11:34	23,144.7	2,451.2	93	2,248.8	238.2	25,393.5	2,689.3	234	379
08/05/24	11:35	23,153.1	2,452.1	93	2,254.0	238.7	25,407.2	2,690.8	235	379
08/05/24	11:36	23,168.4	2,453.7	93	2,245.4	237.8	25,413.9	2,691.5	235	379
08/05/24	11:37	23,167.7	2,453.6	93	2,255.3	238.9	25,423.0	2,692.4	235	379
08/05/24	11:38	23,140.0	2,450.7	93	2,244.2	237.7	25,384.2	2,688.3	235	379
08/05/24	11:39	23,150.3	2,451.8	93	2,255.9	238.9	25,406.2	2,690.7	235	379
08/05/24	11:40	23,171.8	2,454.0	93	2,248.5	238.1	25,420.3	2,692.2	235	379
08/05/24	11:41	23,196.5	2,456.7	93	2,251.5	238.4	25,448.0	2,695.1	235	379
08/05/24	11:42	23,155.6	2,452.3	93	2,255.4	238.9	25,411.0	2,691.2	235	380
08/05/24	11:43	23,165.6	2,453.4	93	2,248.3	238.1	25,413.9	2,691.5	235	380
08/05/24	11:44	23,133.4	2,450.0	93	2,257.7	239.1	25,391.0	2,689.1	235	379
08/05/24	11:45	23,189.5	2,455.9	93	2,248.1	238.1	25,437.6	2,694.0	235	380
08/05/24	11:46	23,161.2	2,452.9	93	2,256.8	239.0	25,418.0	2,691.9	235	379
08/05/24	11:47	23,183.0	2,455.2	93	2,249.0	238.2	25,432.0	2,693.4	235	380
08/05/24	11:48	23,136.6	2,450.3	93	2,253.6	238.7	25,390.2	2,689.0	235	379
08/05/24	11:49	23,170.4	2,453.9	93	2,252.0	238.5	25,422.4	2,692.4	235	380
08/05/24	11:50	23,114.5	2,448.0	93	2,253.8	238.7	25,368.3	2,686.7	235	379
08/05/24	11:51	23,173.0	2,454.2	93	2,253.5	238.7	25,426.6	2,692.8	235	380
08/05/24	11:52	23,143.5	2,451.0	93	2,253.2	238.6	25,396.7	2,689.7	235	379
08/05/24	11:53	23,138.5	2,450.5	93	2,255.6	238.9	25,394.0	2,689.4	235	379
08/05/24	11:54	23,133.9	2,450.0	93	2,252.0	238.5	25,386.0	2,688.5	235	379
08/05/24	11:55	23,103.9	2,446.8	93	2,254.4	238.8	25,358.2	2,685.6	235	379
08/05/24	11:56	23,139.3	2,450.6	93	2,252.9	238.6	25,392.1	2,689.2	235	379
08/05/24	11:57	23,140.4	2,450.7	93	2,258.1	239.1	25,398.5	2,689.9	235	379
08/05/24	11:58	23,113.0	2,447.8	93	2,252.2	238.5	25,365.2	2,686.3	235	379
08/05/24	11:59	23,117.4	2,448.3	93	2,255.7	238.9	25,373.0	2,687.2	234	379
08/05/24	12:00	23,123.6	2,448.9	93	2,253.7	238.7	25,377.3	2,687.6	235	379
08/05/24	12:01	23,104.7	2,446.9	93	2,250.5	238.3	25,355.2	2,685.3	234	379
08/05/24	12:02	23,125.9	2,449.2	93	2,259.8	239.3	25,385.7	2,688.5	235	379
08/05/24	12:03	23,126.9	2,449.3	93	2,250.0	238.3	25,376.9	2,687.6	235	379
08/05/24	12:04	23,093.9	2,445.8	93	2,256.7	239.0	25,350.6	2,684.8	235	379
08/05/24	12:05	23,136.8	2,450.3	93	2,252.7	238.6	25,389.5	2,688.9	235	379
08/05/24	12:06	23,093.0	2,445.7	93	2,256.7	239.0	25,349.7	2,684.7	234	379
08/05/24	12:07	23,155.4	2,452.3	93	2,258.0	239.1	25,413.4	2,691.4	235	379
08/05/24	12:08	23,149.4	2,451.7	93	2,250.4	238.3	25,399.8	2,690.0	235	379
08/05/24	12:09	23,095.7	2,446.0	93	2,258.7	239.2	25,354.4	2,685.2	234	379
08/05/24	12:10	23,105.4	2,447.0	93	2,251.4	238.4	25,356.8	2,685.4	235	379
08/05/24	12:11	23,144.2	2,451.1	93	2,258.1	239.1	25,402.4	2,690.3	235	379
08/05/24	12:12	23,080.2	2,444.3	93	2,255.4	238.9	25,335.6	2,683.2	234	378
08/05/24	12:13	23,148.8	2,451.6	93	2,253.4	238.7	25,402.2	2,690.3	235	379
08/05/24	12:14	23,107.7	2,447.2	93	2,260.7	239.4	25,368.4	2,686.7	234	378
08/05/24	12:15	23,105.2	2,447.0	93	2,247.9	238.1	25,353.1	2,685.0	234	378
08/05/24	12:16	23,071.9	2,443.4	93	2,259.7	239.3	25,331.6	2,682.8	234	378
08/05/24	12:17	23,095.5	2,445.9	93	2,251.8	238.5	25,347.3	2,684.4	234	378
08/05/24	12:18	23,065.3	2,442.8	93	2,258.4	239.2	25,323.7	2,681.9	234	378
08/05/24	12:19	23,114.9	2,448.0	93	2,255.4	238.9	25,370.3	2,686.9	234	379
08/05/24	12:20	23,080.7	2,444.4	93	2,254.5	238.8	25,335.2	2,683.2	234	378
08/05/24	12:21	23,114.4	2,448.0	93	2,257.0	239.0	25,371.3	2,687.0	234	378
08/05/24	12:22	23,124.8	2,449.1	93	2,255.1	238.8	25,379.9	2,687.9	234	379
08/05/24	12:23	23,090.4	2,445.4	93	2,256.6	239.0	25,346.9	2,684.4	234	378
08/05/24	12:24	23,074.7	2,443.7	93	2,253.6	238.7	25,328.3	2,682.4	234	378
08/05/24	12:25	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	12:26	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/05/24	12:27	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	12:28	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	12:29	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	12:30	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	12:31	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	12:32	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	12:33	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	12:34	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	12:35	23,067.5	2,443.0	93	2,259.1	239.3	25,326.6	2,682.2	234	378
08/05/24	12:36	23,054.0	2,441.6	93	2,256.4	239.0	25,310.4	2,680.5	234	378
08/05/24	12:37	23,048.4	2,441.0	93	2,253.1	238.6	25,301.5	2,679.6	234	378
08/05/24	12:38	23,054.6	2,441.6	93	2,260.6	239.4	25,315.2	2,681.0	233	377
08/05/24	12:39	23,044.4	2,440.5	93	2,252.7	238.6	25,297.1	2,679.1	233	377
08/05/24	12:40	23,043.4	2,440.4	93	2,256.4	239.0	25,299.7	2,679.4	234	378
08/05/24	12:41	23,084.7	2,444.8	93	2,255.6	238.9	25,340.3	2,683.7	234	378
08/05/24	12:42	22,991.5	2,434.9	93	2,253.4	238.7	25,244.9	2,673.6	233	377
08/05/24	12:43	23,081.7	2,444.5	93	2,254.2	238.7	25,335.9	2,683.2	234	378
08/05/24	12:44	23,024.4	2,438.4	93	2,253.8	238.7	25,278.1	2,677.1	233	377
08/05/24	12:45	23,060.3	2,442.2	93	2,256.9	239.0	25,317.2	2,681.2	234	378
08/05/24	12:46	23,045.9	2,440.7	93	2,253.9	238.7	25,299.8	2,679.4	234	377
08/05/24	12:47	23,037.3	2,439.8	93	2,252.4	238.5	25,289.7	2,678.3	234	378
08/05/24	12:48	23,060.1	2,442.2	93	2,258.6	239.2	25,318.7	2,681.4	233	377
08/05/24	12:49	22,979.9	2,433.7	93	2,248.3	238.1	25,228.2	2,671.8	233	377
08/05/24	12:50	23,040.9	2,440.2	93	2,260.2	239.4	25,301.1	2,679.5	234	377
08/05/24	12:51	23,029.2	2,438.9	93	2,255.8	238.9	25,285.0	2,677.8	233	377
08/05/24	12:52	23,031.1	2,439.1	93	2,254.1	238.7	25,285.2	2,677.9	233	377
08/05/24	12:53	23,069.9	2,443.2	93	2,257.6	239.1	25,327.6	2,682.3	234	378
08/05/24	12:54	23,017.2	2,437.7	93	2,251.7	238.5	25,268.9	2,676.1	233	377
08/05/24	12:55	23,044.4	2,440.5	93	2,255.6	238.9	25,300.0	2,679.4	233	377
08/05/24	12:56	22,995.6	2,435.4	93	2,253.7	238.7	25,249.3	2,674.1	233	377
08/05/24	12:57	23,019.4	2,437.9	93	2,254.4	238.8	25,273.8	2,676.6	233	377
08/05/24	12:58	22,984.5	2,434.2	93	2,254.0	238.7	25,238.4	2,672.9	233	377
08/05/24	12:59	22,979.4	2,433.7	93	2,249.3	238.2	25,228.6	2,671.9	233	377
08/05/24	13:00	22,978.6	2,433.6	93	2,255.3	238.8	25,233.9	2,672.4	233	377
08/05/24	13:01	23,001.5	2,436.0	93	2,253.4	238.6	25,254.9	2,674.6	233	377
08/05/24	13:02	23,004.8	2,436.3	93	2,249.2	238.2	25,254.0	2,674.6	233	377
08/05/24	13:03	23,001.9	2,436.0	93	2,252.7	238.6	25,254.7	2,674.6	233	377
08/05/24	13:04	22,961.3	2,431.7	93	2,250.9	238.4	25,212.2	2,670.1	233	376
08/05/24	13:05	23,023.9	2,438.4	93	2,252.6	238.6	25,276.5	2,676.9	233	377
08/05/24	13:06	22,989.3	2,434.7	93	2,251.4	238.4	25,240.6	2,673.1	233	376
08/05/24	13:07	22,984.5	2,434.2	93	2,250.9	238.4	25,235.4	2,672.6	232	376
08/05/24	13:08	22,963.6	2,432.0	93	2,253.5	238.7	25,217.1	2,670.6	232	376
08/05/24	13:09	23,019.4	2,437.9	93	2,253.2	238.6	25,272.6	2,676.5	233	377
08/05/24	13:10	22,971.2	2,432.8	93	2,248.5	238.1	25,219.7	2,670.9	232	376
08/05/24	13:11	22,948.5	2,430.4	93	2,255.7	238.9	25,204.2	2,669.3	232	376
08/05/24	13:12	22,967.0	2,432.3	93	2,247.0	238.0	25,214.0	2,670.3	233	376
08/05/24	13:13	22,892.5	2,424.5	93	2,250.6	238.3	25,143.1	2,662.8	232	376
08/05/24	13:14	22,959.3	2,431.5	93	2,252.4	238.5	25,211.8	2,670.1	232	376
08/05/24	13:15	23,055.6	2,441.7	93	2,245.4	237.8	25,301.0	2,679.5	233	377
08/05/24	13:16	22,965.4	2,432.2	93	2,253.5	238.7	25,218.9	2,670.8	232	376
08/05/24	13:17	22,988.6	2,434.6	93	2,244.5	237.7	25,233.1	2,672.3	233	376
08/05/24	13:18	22,940.9	2,429.6	93	2,253.9	238.7	25,194.9	2,668.3	232	376
08/05/24	13:19	22,956.3	2,431.2	93	2,248.1	238.1	25,204.4	2,669.3	233	376
08/05/24	13:20	22,999.1	2,435.7	93	2,250.4	238.3	25,249.5	2,674.1	233	376
08/05/24	13:21	22,991.8	2,435.0	93	2,251.7	238.5	25,243.5	2,673.4	233	376
08/05/24	13:22	23,001.2	2,436.0	93	2,250.0	238.3	25,251.3	2,674.3	233	376
08/05/24	13:23	22,990.1	2,434.8	93	2,249.6	238.3	25,239.8	2,673.0	233	376
08/05/24	13:24	22,961.9	2,431.8	93	2,254.2	238.7	25,216.1	2,670.5	233	376
08/05/24	13:25	22,997.6	2,435.6	93	2,244.2	237.7	25,241.8	2,673.3	233	376
08/05/24	13:26	22,959.7	2,431.6	93	2,252.6	238.6	25,212.3	2,670.1	233	376
08/05/24	13:27	22,968.7	2,432.5	93	2,251.6	238.5	25,220.3	2,671.0	233	376
08/05/24	13:28	22,950.5	2,430.6	93	2,247.1	238.0	25,197.6	2,668.6	233	376
08/05/24	13:29	23,008.0	2,436.7	93	2,252.9	238.6	25,260.8	2,675.3	233	376
08/05/24	13:30	22,945.4	2,430.1	93	2,246.6	237.9	25,192.1	2,668.0	233	376
08/05/24	13:31	22,978.3	2,433.5	93	2,253.9	238.7	25,232.1	2,672.2	233	376
08/05/24	13:32	23,001.2	2,436.0	93	2,248.4	238.1	25,249.6	2,674.1	233	377
08/05/24	13:33	22,980.8	2,433.8	93	2,248.4	238.1	25,229.2	2,671.9	233	376
08/05/24	13:34	22,981.3	2,433.9	93	2,254.5	238.8	25,235.8	2,672.6	233	376
08/05/24	13:35	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	13:36	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	13:37	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/05/24	13:38	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	13:39	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	13:40	22,960.7	2,431.7	93	2,248.2	238.1	25,209.0	2,669.8	233	376
08/05/24	13:41	22,999.5	2,435.8	93	2,252.7	238.6	25,252.2	2,674.4	233	376
08/05/24	13:42	22,923.6	2,427.7	93	2,251.7	238.5	25,175.3	2,666.2	232	376
08/05/24	13:43	22,958.3	2,431.4	93	2,249.7	238.3	25,208.0	2,669.7	233	376
08/05/24	13:44	22,980.3	2,433.8	93	2,254.5	238.8	25,234.8	2,672.5	233	376
08/05/24	13:45	22,943.6	2,429.9	93	2,247.4	238.0	25,191.0	2,667.9	233	376
08/05/24	13:46	22,956.2	2,431.2	93	2,256.9	239.0	25,213.0	2,670.2	233	376
08/05/24	13:47	22,989.8	2,434.8	93	2,249.3	238.2	25,239.1	2,673.0	233	376
08/05/24	13:48	22,992.5	2,435.0	93	2,250.2	238.3	25,242.7	2,673.4	233	376
08/05/24	13:49	22,989.1	2,434.7	93	2,256.7	239.0	25,245.8	2,673.7	233	376
08/05/24	13:50	22,989.3	2,434.7	93	2,247.9	238.1	25,237.2	2,672.8	233	376
08/05/24	13:51	23,021.0	2,438.1	93	2,253.9	238.7	25,274.9	2,676.8	233	377
08/05/24	13:52	23,038.8	2,439.9	93	2,251.2	238.4	25,290.0	2,678.4	233	377
08/05/24	13:53	23,014.1	2,437.3	93	2,249.0	238.2	25,263.1	2,675.5	233	377
08/05/24	13:54	22,993.1	2,435.1	93	2,252.7	238.6	25,245.8	2,673.7	233	376
08/05/24	13:55	23,003.1	2,436.2	93	2,248.5	238.1	25,251.7	2,674.3	233	377
08/05/24	13:56	23,028.6	2,438.9	93	2,251.0	238.4	25,279.6	2,677.3	233	377
08/05/24	13:57	22,991.8	2,435.0	93	2,251.6	238.5	25,243.4	2,673.4	233	377
08/05/24	13:58	23,031.8	2,439.2	93	2,248.9	238.2	25,280.8	2,677.4	234	377
08/05/24	13:59	23,030.6	2,439.1	93	2,250.4	238.3	25,281.0	2,677.4	234	377
08/05/24	14:00	23,020.9	2,438.1	93	2,246.4	237.9	25,267.3	2,676.0	234	377
08/05/24	14:01	23,036.8	2,439.7	93	2,246.8	238.0	25,283.6	2,677.7	234	377
08/05/24	14:02	23,056.9	2,441.9	93	2,251.4	238.4	25,308.3	2,680.3	234	377
08/05/24	14:03	23,024.9	2,438.5	93	2,244.2	237.7	25,269.2	2,676.2	234	377
08/05/24	14:04	23,076.1	2,443.9	93	2,249.5	238.2	25,325.6	2,682.1	234	377
08/05/24	14:05	23,033.4	2,439.4	93	2,248.8	238.2	25,282.1	2,677.5	234	377
08/05/24	14:06	23,046.7	2,440.8	93	2,247.8	238.1	25,294.5	2,678.8	234	377
08/05/24	14:07	23,028.8	2,438.9	93	2,253.4	238.6	25,282.2	2,677.5	233	377
08/05/24	14:08	23,047.6	2,440.9	93	2,243.8	237.6	25,291.4	2,678.5	234	377
08/05/24	14:09	23,054.9	2,441.6	93	2,251.2	238.4	25,306.1	2,680.1	234	377
08/05/24	14:10	23,054.4	2,441.6	93	2,245.7	237.8	25,300.2	2,679.4	234	377
08/05/24	14:11	23,031.6	2,439.2	93	2,249.7	238.3	25,281.3	2,677.4	234	377
08/05/24	14:12	23,079.3	2,444.2	93	2,247.5	238.0	25,326.8	2,682.3	234	377
08/05/24	14:13	23,042.6	2,440.3	93	2,244.7	237.7	25,287.2	2,678.1	234	377
08/05/24	14:14	23,071.0	2,443.4	93	2,251.9	238.5	25,322.9	2,681.8	234	377
08/05/24	14:15	23,057.5	2,441.9	93	2,251.0	238.4	25,308.5	2,680.3	234	377
08/05/24	14:16	23,013.0	2,437.2	93	2,243.7	237.6	25,256.8	2,674.8	233	377
08/05/24	14:17	23,029.7	2,439.0	93	2,251.3	238.4	25,281.0	2,677.4	233	377
08/05/24	14:18	23,066.0	2,442.8	93	2,248.4	238.1	25,314.4	2,680.9	234	377
08/05/24	14:19	23,047.3	2,440.8	93	2,249.6	238.2	25,296.9	2,679.1	233	377
08/05/24	14:20	23,064.2	2,442.6	93	2,252.1	238.5	25,316.3	2,681.1	234	377
08/05/24	14:21	23,064.8	2,442.7	93	2,245.9	237.9	25,310.7	2,680.6	234	377
08/05/24	14:22	23,016.6	2,437.6	93	2,249.4	238.2	25,266.1	2,675.8	234	377
08/05/24	14:23	23,051.8	2,441.3	93	2,248.0	238.1	25,299.8	2,679.4	234	377
08/05/24	14:24	23,033.9	2,439.4	93	2,247.1	238.0	25,281.0	2,677.4	234	377
08/05/24	14:25	23,004.4	2,436.3	93	2,252.5	238.6	25,256.9	2,674.9	233	377
08/05/24	14:26	23,016.2	2,437.6	93	2,247.6	238.0	25,263.9	2,675.6	234	377
08/05/24	14:27	23,039.5	2,440.0	93	2,256.9	239.0	25,296.4	2,679.0	234	377
08/05/24	14:28	23,021.1	2,438.1	93	2,249.1	238.2	25,270.2	2,676.3	233	377
08/05/24	14:29	23,023.0	2,438.3	93	2,247.9	238.1	25,270.8	2,676.3	234	377
08/05/24	14:30	23,003.8	2,436.2	93	2,255.0	238.8	25,258.8	2,675.1	233	377
08/05/24	14:31	23,030.1	2,439.0	93	2,249.3	238.2	25,279.4	2,677.2	234	377
08/05/24	14:32	22,995.7	2,435.4	93	2,249.7	238.3	25,245.4	2,673.6	233	377
08/05/24	14:33	23,026.0	2,438.6	93	2,249.7	238.3	25,275.8	2,676.9	234	377
08/05/24	14:34	23,000.7	2,435.9	93	2,249.8	238.3	25,250.4	2,674.2	233	377
08/05/24	14:35	22,977.7	2,433.5	93	2,257.5	239.1	25,235.2	2,672.6	233	377
08/05/24	14:36	22,985.9	2,434.3	93	2,250.2	238.3	25,236.1	2,672.7	233	377
08/05/24	14:37	22,994.9	2,435.3	93	2,250.8	238.4	25,245.6	2,673.7	233	377
08/05/24	14:38	22,965.2	2,432.1	93	2,253.2	238.6	25,218.4	2,670.8	233	376
08/05/24	14:39	22,982.7	2,434.0	93	2,249.7	238.3	25,232.4	2,672.3	233	376
08/05/24	14:40	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	14:41	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	14:42	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	14:43	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	14:44	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/05/24	14:45	23,062.5	2,442.5	93	2,250.8	238.4	25,313.3	2,680.8	233	377
08/05/24	14:46	22,982.5	2,434.0	93	2,254.7	238.8	25,237.2	2,672.8	233	376
08/05/24	14:47	23,016.3	2,437.6	93	2,251.4	238.4	25,267.7	2,676.0	233	377
08/05/24	14:48	23,042.5	2,440.3	93	2,254.0	238.7	25,296.5	2,679.0	233	377
08/05/24	14:49	22,991.3	2,434.9	93	2,228.9	236.1	25,220.3	2,671.0	233	377
08/05/24	14:50	23,021.2	2,438.1	93	2,196.0	232.6	25,217.1	2,670.6	233	377
08/05/24	14:51	22,987.1	2,434.5	93	2,197.1	232.7	25,184.2	2,667.2	233	376

08/05/24	14:52	22,972.9	2,433.0	93	2,192.2	232.2	25,165.2	2,665.1	233	376
08/05/24	14:53	22,994.3	2,435.2	93	2,198.9	232.9	25,193.1	2,668.1	233	376
08/05/24	14:54	22,936.4	2,429.1	93	2,195.8	232.6	25,132.3	2,661.7	232	376
08/05/24	14:55	22,980.7	2,433.8	93	2,197.9	232.8	25,178.6	2,666.6	232	375
08/05/24	14:56	22,971.3	2,432.8	93	2,200.3	233.0	25,171.7	2,665.8	232	375
08/05/24	14:57	22,969.4	2,432.6	93	2,191.6	232.1	25,160.9	2,664.7	232	375
08/05/24	14:58	22,919.0	2,427.3	93	2,199.9	233.0	25,118.9	2,660.2	232	375
08/05/24	14:59	22,984.1	2,434.2	93	2,192.9	232.2	25,177.1	2,666.4	233	375
08/05/24	15:00	22,943.7	2,429.9	93	2,199.1	232.9	25,142.8	2,662.8	232	375
08/05/24	15:01	22,931.1	2,428.5	93	2,194.6	232.4	25,125.7	2,661.0	232	375
08/05/24	15:02	23,001.1	2,435.9	93	2,196.0	232.6	25,197.1	2,668.5	233	376
08/05/24	15:03	22,956.7	2,431.2	93	2,197.4	232.7	25,154.1	2,664.0	232	375
08/05/24	15:04	22,976.5	2,433.4	93	2,189.6	231.9	25,166.1	2,665.2	233	376
08/05/24	15:05	22,933.7	2,428.8	93	2,198.5	232.8	25,132.2	2,661.6	232	375
08/05/24	15:06	22,937.1	2,429.2	93	2,195.4	232.5	25,132.5	2,661.7	232	375
08/05/24	15:07	22,947.2	2,430.2	93	2,193.7	232.3	25,140.8	2,662.6	232	375
08/05/24	15:08	22,897.5	2,425.0	93	2,198.4	232.8	25,095.9	2,657.8	232	375
08/05/24	15:09	22,920.6	2,427.4	93	2,191.1	232.1	25,111.7	2,659.5	232	375
08/05/24	15:10	22,930.9	2,428.5	93	2,201.2	233.1	25,132.0	2,661.6	232	375
08/05/24	15:11	22,928.7	2,428.3	93	2,194.3	232.4	25,123.0	2,660.7	232	375
08/05/24	15:12	22,970.9	2,432.8	93	2,195.9	232.6	25,166.8	2,665.3	232	375
08/05/24	15:13	22,935.7	2,429.0	93	2,196.0	232.6	25,131.6	2,661.6	232	375
08/05/24	15:14	22,899.6	2,425.2	93	2,192.1	232.2	25,091.7	2,657.4	232	375
08/05/24	15:15	22,930.4	2,428.5	93	2,199.5	232.9	25,129.9	2,661.4	232	375
08/05/24	15:16	22,974.1	2,433.1	93	2,195.2	232.5	25,169.3	2,665.6	232	375
08/05/24	15:17	22,947.5	2,430.3	93	2,196.6	232.6	25,144.1	2,662.9	232	375
08/05/24	15:18	22,981.6	2,433.9	93	2,197.7	232.8	25,179.3	2,666.6	233	375
08/05/24	15:19	22,914.0	2,426.7	93	2,196.4	232.6	25,110.4	2,659.3	232	375
08/05/24	15:20	22,920.0	2,427.4	93	2,199.6	233.0	25,119.6	2,660.3	232	375
08/05/24	15:21	22,964.5	2,432.1	93	2,196.3	232.6	25,160.8	2,664.7	233	375
08/05/24	15:22	22,990.7	2,434.9	93	2,195.9	232.6	25,186.6	2,667.4	232	375
08/05/24	15:23	22,915.6	2,426.9	93	2,197.0	232.7	25,112.6	2,659.6	232	375
08/05/24	15:24	22,921.1	2,427.5	93	2,195.3	232.5	25,116.4	2,660.0	232	375
08/05/24	15:25	22,951.6	2,430.7	93	2,198.6	232.8	25,150.2	2,663.6	232	375
08/05/24	15:26	22,910.7	2,426.4	93	2,193.2	232.3	25,103.9	2,658.7	232	375
08/05/24	15:27	22,906.6	2,426.0	93	2,198.5	232.8	25,105.2	2,658.8	232	375
08/05/24	15:28	22,935.7	2,429.0	93	2,199.0	232.9	25,134.7	2,661.9	232	375
08/05/24	15:29	22,945.8	2,430.1	93	2,193.6	232.3	25,139.4	2,662.4	232	375
08/05/24	15:30	22,906.6	2,425.9	93	2,203.1	233.3	25,109.6	2,659.3	232	375
08/05/24	15:31	22,894.6	2,424.7	93	2,189.9	231.9	25,084.4	2,656.6	232	375
08/05/24	15:32	22,945.8	2,430.1	93	2,200.1	233.0	25,145.9	2,663.1	232	375
08/05/24	15:33	22,930.5	2,428.5	93	2,195.3	232.5	25,125.8	2,661.0	232	375
08/05/24	15:34	22,941.4	2,429.6	93	2,196.8	232.7	25,138.2	2,662.3	232	375
08/05/24	15:35	22,871.0	2,422.2	93	2,197.3	232.7	25,068.3	2,654.9	231	374
08/05/24	15:36	22,911.6	2,426.5	93	2,195.1	232.5	25,106.7	2,659.0	232	375
08/05/24	15:37	22,898.8	2,425.1	93	2,201.5	233.2	25,100.3	2,658.3	232	374
08/05/24	15:38	22,853.5	2,420.3	93	2,193.8	232.3	25,047.3	2,652.7	231	374
08/05/24	15:39	22,912.7	2,426.6	93	2,195.5	232.5	25,108.2	2,659.1	232	375
08/05/24	15:40	22,859.5	2,421.0	93	2,195.8	232.5	25,055.3	2,653.5	231	374
08/05/24	15:41	22,844.8	2,419.4	93	2,195.1	232.5	25,039.8	2,651.9	231	374
08/05/24	15:42	22,914.9	2,426.8	93	2,195.5	232.5	25,110.4	2,659.3	232	375
08/05/24	15:43	22,935.9	2,429.1	93	2,192.2	232.2	25,128.1	2,661.2	232	375
08/05/24	15:44	22,899.1	2,425.2	93	2,200.2	233.0	25,099.4	2,658.2	232	374

Average	23,024.8	2,438.5	93	2,239.0	237.1	25,263.8	2,675.6	233	377
Minimum	22,844.8	2,419.4	93	2,189.6	231.9	25,039.8	2,651.9	231	374
Maximum	23,196.5	2,456.7	93	2,260.7	239.4	25,448.0	2,695.1	235	380
Summation	5,525,940.5	585,230.3	22,379	537,369.2	56,910.6	6,063,309.7	642,140.9	55,997	90,460

Included Data Points	240	240	240	240	240	240	240	240	240
Total Number of Data Points	260	260	260	260	260	260	260	260	260

F = Unit Offline
I = Invalid

E = Exceedance
M = Maintenance

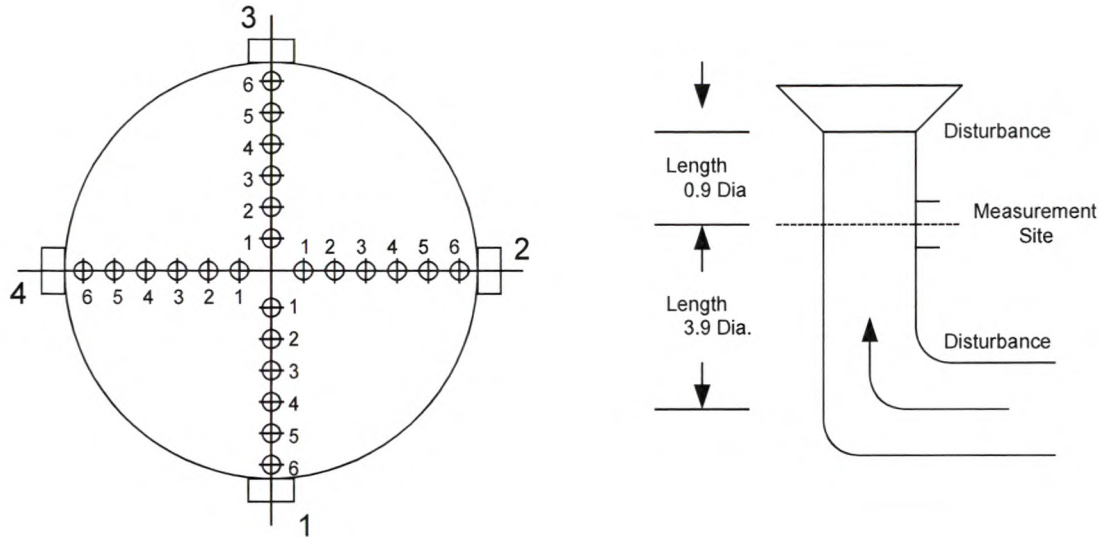
C = Calibration
T = Out Of Control

S = Substituted
* = Suspect

U - Startup
D - Shutdown

Appendix B – Test Section Diagrams

EQUAL AREA TRAVERSE FOR ROUND DUCTS (Particulate Matter)



Job: Consumers Energy Company
Covert Generating Station
Covert, Michigan

Date: August 1, 2, and 5, 2024

Test Location: Combustion 1 Turbine Stack

Duct Diameter: 21.792 Feet

Duct Area: 372.967 Square Feet

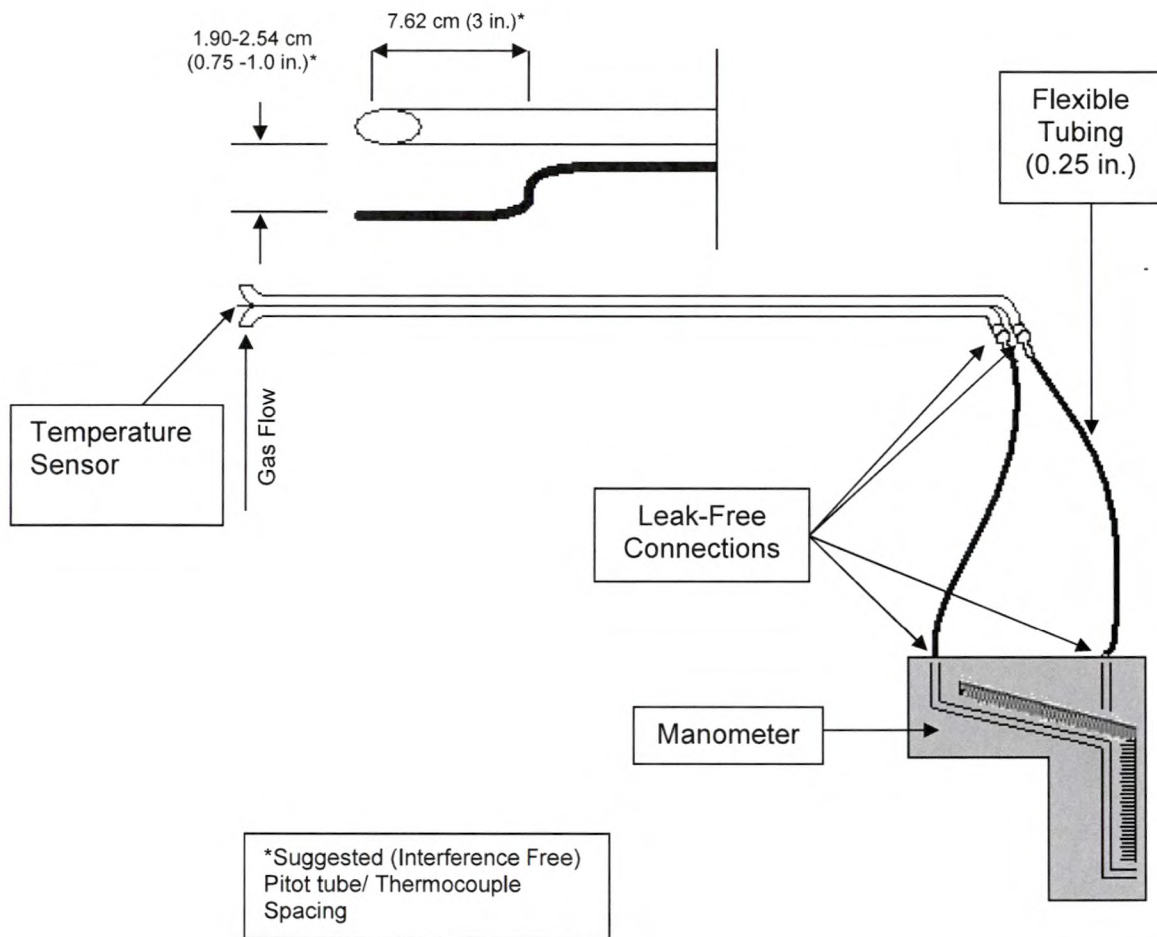
No. Points Across Diameter: 12

No. of Ports: 4

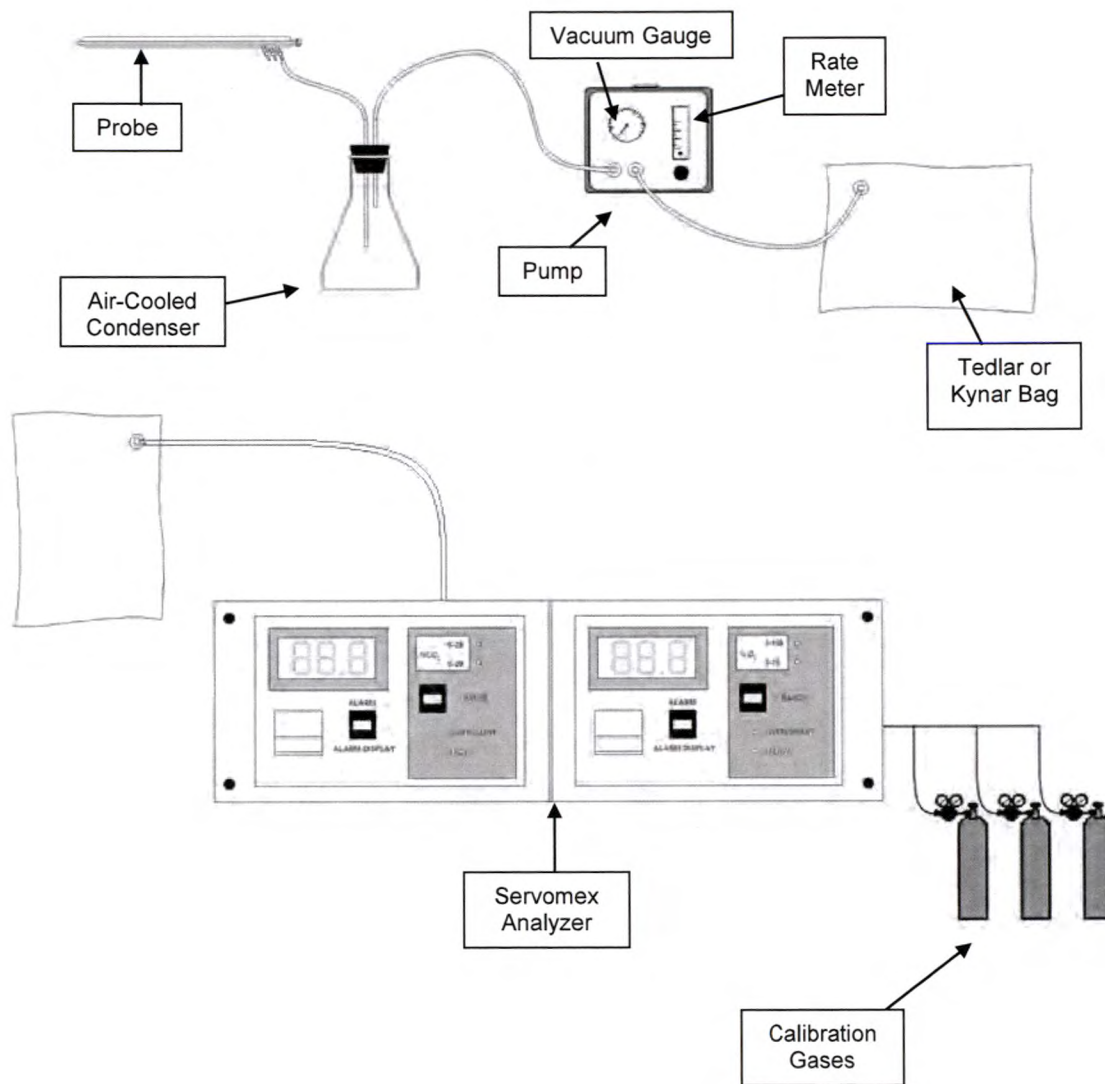
Port Length: 12.25 Inches

Appendix C – Sample Train Diagrams

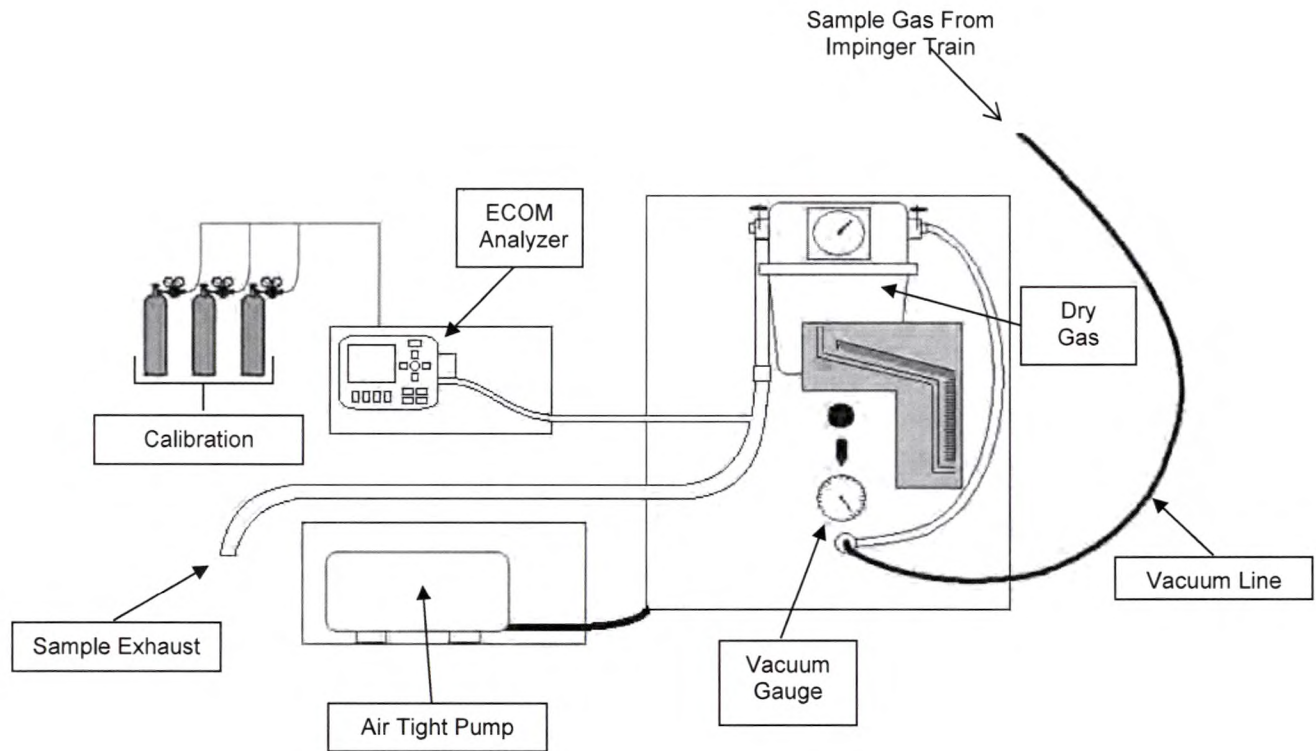
USEPA Method 2 – Type S Pitot Tube Manometer Assembly



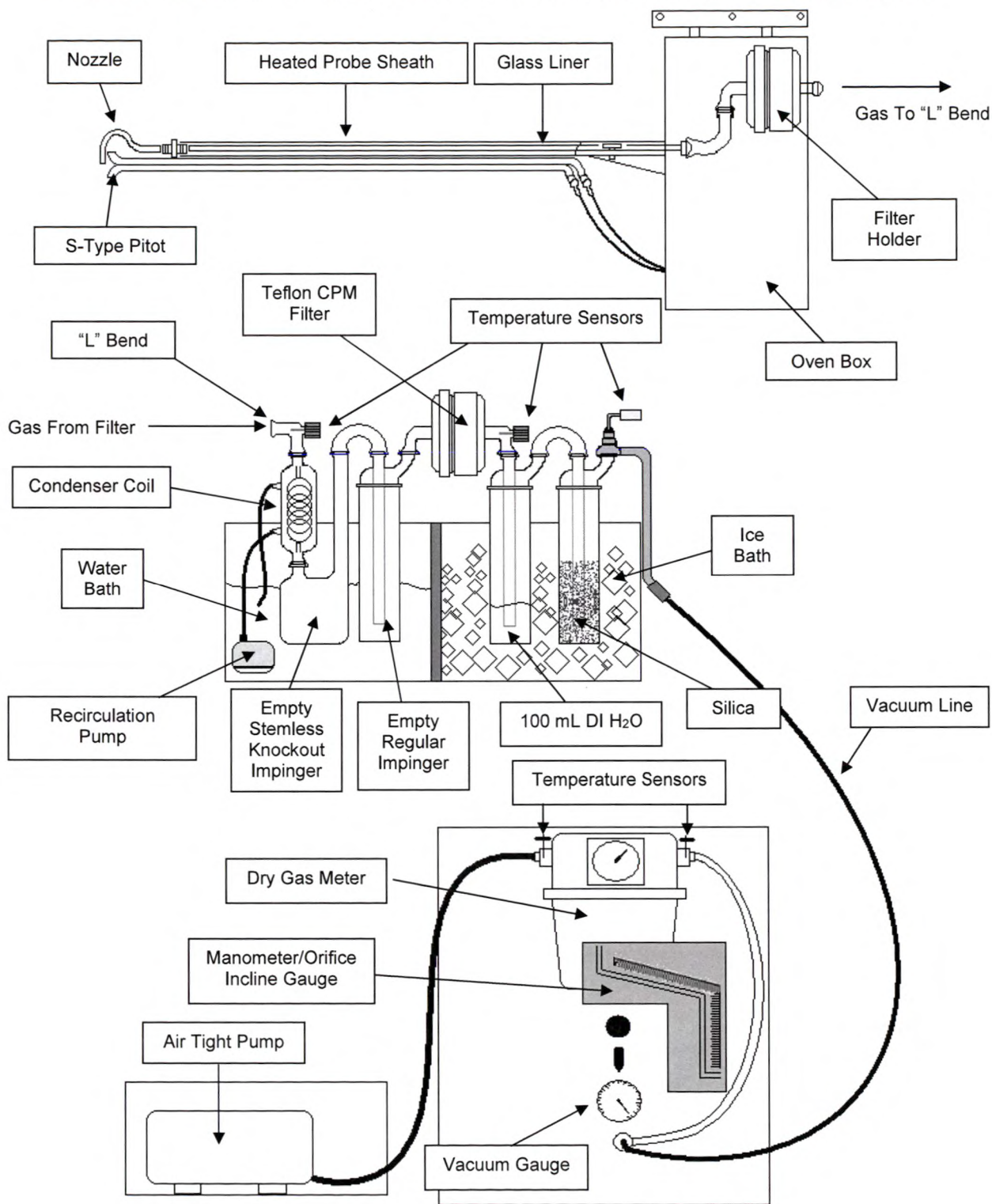
USEPA Method 3A - Integrated Oxygen/Carbon Dioxide Sample Train Diagram Utilizing Tedlar Gas Bag



USEPA Method 3A - Integrated Oxygen/Carbon Dioxide Sample Train Diagram Utilizing ECOM To Measure from Sample Exhaust



USEPA Method 5/202- Filterable/Condensable Particulate Matter



ATD-042 USEPA Method 5/202

Rev. 1.3

1/1/2021