

Total Particulate Matter Compliance Emissions Test Report

Consumers Energy Company
Covert Generating Station
Combustion Turbine 3 Stack
Covert, Michigan
Project No. M243013C
August 7 through 9, 2024





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**Report Submittal Date
October 8, 2024**

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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 3 Stack. This report summarizes the results of the test program and test methods used. Five (5) runs were performed; Run 1 failed the post-test leak check, while an impinger failed during Run 3 testing. Results for Runs 2, 4, and 5 were used for the compliance determination. All runs are included in this report, but Run 3 was not recoverable due to the impinger failure. Run 5 utilized three separate impinger trains as the condensable particulate matter (CPM) filter clogged twice during sampling, once after port two and a second time after port three. In each case, a leak check was performed, the sample train was recovered and then setup again. Another leak check was performed and sampling continued. Each Run 5 sample train was independently recovered, and the sample volumes and total moisture and particulate catches were then composted. An on-site representative from the Michigan Department of Environment, Great Lakes, and Energy (EGLE) was made aware of this atypical approach and approved the path that was followed.

TEST INFORMATION			
Test Location	Test Date	Test Parameter	Test Method
Combustion Turbine 3 Stack	August 7 through 9, 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 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-inch diameter. Thus, when finalizing this 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.

TEST RESULTS			
Test Condition	Test Parameter	Measured Concentration	Emission Limit
100% Load	TPM*	5.397 lb/hr	10.7 lb/hr

* All Particulate Collected was considered less than PM_{2.5}

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

TEST PERSONNEL INFORMATION		
Location	Address	Contact
Test Facility	Consumers Energy New Covert Generating Facility 26000 77 th Street Covert, Michigan 49043	Chris Head Operations Manager (269) 286-6305 (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 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 Appendix 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 (duct diameters)	Downstream Distance (duct diameters)	Test Parameter	Number of Sampling Points
Combustion Turbine 3 Stack	21.792	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 H.

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

Stack gas molecular weight was determined in accordance with Method 3A. Ecom analyzers were used to determine stack gas oxygen and carbon dioxide content and, by difference, nitrogen content. 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: Covert Generating Facility
 Test Location: CT 3 Stack
 Test Method: 5/202

	Date	8/7/24	8/7/24	8/8/24	8/8/24	8/9/24	
	Start Time	6:40	13:45	6:55	12:45	6:45	
	End Time	11:15	18:25	10:05	17:10	13:55	
		Run 1	Run 2	Run 3	Run 4	Run 5	Average*
Stack Conditions							
Average Gas Temperature, °F	208.0	205.0			206.1	206.0	205.7
Flue Gas Moisture, percent by volume	8.1%	8.1%			8.8%	8.6%	8.5%
Average Flue Pressure, in. Hg	29.29	29.29			29.29	29.29	29.29
Gas Sample Volume, dscf	222.254	215.377			233.913	211.983	220.424
Average Gas Velocity, ft/sec	63.439	60.648			65.706	59.683	62.012
Gas Volumetric Flow Rate, acfm	1,419,635	1,357,180	N/A		1,470,360	1,335,581	1,387,707
Gas Volumetric Flow Rate, dscfm	1,010,123	969,253			1,040,965	948,112	986,110
Gas Volumetric Flow Rate, scfm	1,098,575	1,054,950			1,141,031	1,036,655	1,077,545
Average %CO ₂ by volume, dry basis	4.3	4.5			4.6	4.5	4.5
Average %O ₂ by volume, dry basis	13.6	13.2			13.0	13.0	13.1
Isokinetic Variance	100.4	101.4			102.5	101.6	101.8
Standard Fuel Factor Fd, dscf/mmBtu	8,710.0	8,710.0			8,710.0	8,710.0	8,710.0
Filterable Particulate Matter (Method 5)							
grams collected	0.00090	0.00191			0.00040	0.0057	0.00267
grains/acf	0.0000	0.0001			0.0000	0.0003	0.0001
grains/dscf	0.0001	0.0001	N/A		0.0000	0.0004	0.0002
lb/hr	0.541	1.137			0.235	3.386	1.586
lb/mmBtu (Standard Fd Factor)	0.0002	0.0005			0.0001	0.0008	0.0005
Condensable Particulate Matter (Method 202)							
grams collected	0.00617	0.00425			0.00422	0.01080	0.00642
grains/acf	0.0003	0.0002			0.0002	0.0006	0.0003
grains/dscf	0.0004	0.0003	N/A		0.0003	0.0008	0.0005
lb/hr	3.709	2.530			2.484	6.420	3.811
lb/mmBtu (Standard Fd Factor)	0.0015	0.0010			0.0009	0.0053	0.0024
Total Particulate Matter (5/202)							
grams collected	0.00707	0.00616			0.00462	0.01650	0.00909
grains/acf	0.0003	0.0003			0.0002	0.0009	0.0005
grains/dscf	0.0005	0.0004	N/A		0.0003	0.0012	0.0006
lb/hr	4.250	3.667			2.719	9.806	5.397
lb/mmBtu (Standard Fd Factor)	0.0017	0.0015			0.0010	0.0061	0.0029

*Run 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.

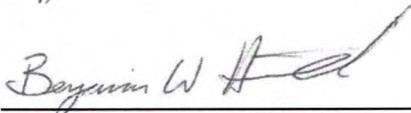
As project manager, I hereby certify that this test report represents a true and accurate summary of emissions test results and the methodologies employed to obtain those results, and the test program was performed in accordance with the methods specified in this test report.

MOSTARDI PLATT



Angelo M. Sorce

Program Manager



Benjamin W. Hendricks

Quality Assurance

APPENDICES

Appendix A – Plant Operating Data

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

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 8/7/2024 05:40 Through 8/7/2024 10:14

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT03								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
08/07/24 5:40	23,540.9	2,493.1	93	0.0	0.0	23,540.9	2,493.1	244	367
08/07/24 5:41	23,551.3	2,494.2	93	0.0	0.0	23,551.3	2,494.2	244	368
08/07/24 5:42	23,574.4	2,496.7	93	0.0	0.0	23,574.4	2,496.7	244	368
08/07/24 5:43	23,630.0	2,502.6	93	0.0	0.0	23,630.0	2,502.6	245	368
08/07/24 5:44	23,585.9	2,497.9	93	0.0	0.0	23,585.9	2,497.9	244	368
08/07/24 5:45	23,600.3	2,499.4	93	0.0	0.0	23,600.3	2,499.4	244	368
08/07/24 5:46	23,595.7	2,498.9	93	0.0	0.0	23,595.7	2,498.9	244	368
08/07/24 5:47	23,547.6	2,493.8	93	0.0	0.0	23,547.6	2,493.8	244	367
08/07/24 5:48	23,535.9	2,492.6	93	0.0	0.0	23,535.9	2,492.6	244	367
08/07/24 5:49	23,487.3	2,487.4	93	0.0	0.0	23,487.3	2,487.4	243	367
08/07/24 5:50	23,527.1	2,491.7	93	0.0	0.0	23,527.1	2,491.7	244	367
08/07/24 5:51	23,570.2	2,496.2	93	0.0	0.0	23,570.2	2,496.2	244	367
08/07/24 5:52	23,474.7	2,486.1	93	0.0	0.0	23,474.7	2,486.1	243	367
08/07/24 5:53	23,557.6	2,494.9	93	0.0	0.0	23,557.6	2,494.9	244	368
08/07/24 5:54	23,522.4	2,491.2	93	0.0	0.0	23,522.4	2,491.2	244	367
08/07/24 5:55	23,549.2	2,494.0	93	0.0	0.0	23,549.2	2,494.0	244	367
08/07/24 5:56	23,561.0	2,495.3	93	0.0	0.0	23,561.0	2,495.3	244	367
08/07/24 5:57	23,562.5	2,495.4	93	0.0	0.0	23,562.5	2,495.4	244	367
08/07/24 5:58	23,527.0	2,491.6	93	0.0	0.0	23,527.0	2,491.6	244	367
08/07/24 5:59	23,538.1	2,492.8	93	0.0	0.0	23,538.1	2,492.8	244	367
08/07/24 6:00	23,504.0	2,489.2	93	0.0	0.0	23,504.0	2,489.2	244	367
08/07/24 6:01	23,480.9	2,486.8	93	0.0	0.0	23,480.9	2,486.8	244	367
08/07/24 6:02	23,518.3	2,490.7	93	0.0	0.0	23,518.3	2,490.7	244	367
08/07/24 6:03	23,530.0	2,492.0	93	0.0	0.0	23,530.0	2,492.0	244	367
08/07/24 6:04	23,531.8	2,492.2	93	0.0	0.0	23,531.8	2,492.2	244	367
08/07/24 6:05	23,566.6	2,495.8	93	0.0	0.0	23,566.6	2,495.8	244	367
08/07/24 6:06	23,544.9	2,493.5	93	0.0	0.0	23,544.9	2,493.5	244	367
08/07/24 6:07	23,558.0	2,494.9	93	0.0	0.0	23,558.0	2,494.9	244	367
08/07/24 6:08	23,587.8	2,498.1	93	0.0	0.0	23,587.8	2,498.1	244	367
08/07/24 6:09	23,538.8	2,492.9	93	0.0	0.0	23,538.8	2,492.9	244	367
08/07/24 6:10	23,509.6	2,489.8	93	0.0	0.0	23,509.6	2,489.8	244	367
08/07/24 6:11	23,568.1	2,496.0	93	0.0	0.0	23,568.1	2,496.0	244	367
08/07/24 6:12	23,505.1	2,489.3	92	0.0	0.0	23,505.1	2,489.3	243	367
08/07/24 6:13	23,523.9	2,491.3	93	0.0	0.0	23,523.9	2,491.3	244	367
08/07/24 6:14	23,556.8	2,494.8	93	0.0	0.0	23,556.8	2,494.8	244	367
08/07/24 6:15	23,459.5	2,484.5	93	0.0	0.0	23,459.5	2,484.5	244	367
08/07/24 6:16	23,537.3	2,492.7	93	0.0	0.0	23,537.3	2,492.7	244	367
08/07/24 6:17	23,535.4	2,492.5	93	0.0	0.0	23,535.4	2,492.5	244	367
08/07/24 6:18	23,464.3	2,485.0	93	0.0	0.0	23,464.3	2,485.0	244	367
08/07/24 6:19	23,508.2	2,489.7	93	0.0	0.0	23,508.2	2,489.7	244	367
08/07/24 6:20	23,546.4	2,493.7	93	0.0	0.0	23,546.4	2,493.7	244	367
08/07/24 6:21	23,500.6	2,488.9	93	0.0	0.0	23,500.6	2,488.9	244	367
08/07/24 6:22	23,502.2	2,489.0	92	0.0	0.0	23,502.2	2,489.0	244	367
08/07/24 6:23	23,554.0	2,494.5	93	0.0	0.0	23,554.0	2,494.5	244	367
08/07/24 6:24	23,556.6	2,494.8	93	0.0	0.0	23,556.6	2,494.8	244	367
08/07/24 6:25	23,451.5	2,483.7	93	0.0	0.0	23,451.5	2,483.7	244	367
08/07/24 6:26	23,523.3	2,491.3	93	0.0	0.0	23,523.3	2,491.3	244	367
08/07/24 6:27	23,529.5	2,491.9	93	0.0	0.0	23,529.5	2,491.9	244	367
08/07/24 6:28	23,523.0	2,491.2	93	0.0	0.0	23,523.0	2,491.2	244	367
08/07/24 6:29	23,502.6	2,489.1	93	0.0	0.0	23,502.6	2,489.1	244	367
08/07/24 6:30	23,494.0	2,488.2	93	0.0	0.0	23,494.0	2,488.2	244	367
08/07/24 6:31	23,494.7	2,488.2	93	0.0	0.0	23,494.7	2,488.2	244	367
08/07/24 6:32	23,483.4	2,487.0	93	0.0	0.0	23,483.4	2,487.0	243	366
08/07/24 6:33	23,485.0	2,487.2	93	0.0	0.0	23,485.0	2,487.2	243	367
08/07/24 6:34	23,438.6	2,482.3	93	0.0	0.0	23,438.6	2,482.3	243	366
08/07/24 6:35	23,529.0	2,491.9	93	0.0	0.0	23,529.0	2,491.9	244	367
08/07/24 6:36	23,442.7	2,482.7	93	0.0	0.0	23,442.7	2,482.7	243	366
08/07/24 6:37	23,481.0	2,486.8	93	0.0	0.0	23,481.0	2,486.8	244	367
08/07/24 6:38	23,453.0	2,483.8	93	0.0	0.0	23,453.0	2,483.8	243	366
08/07/24 6:39	23,487.9	2,487.5	93	0.0	0.0	23,487.9	2,487.5	244	367

08/07/24	6:40	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:41	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:42	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:43	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:44	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:48	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:49	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	6:50	23,467.4	2,485.3	93	0.0	0.0	23,467.4	2,485.3	244	367
08/07/24	6:51	23,441.3	2,482.6	93	0.0	0.0	23,441.3	2,482.6	243	366
08/07/24	6:52	23,418.8	2,480.2	93	0.0	0.0	23,418.8	2,480.2	244	367
08/07/24	6:53	23,481.4	2,486.8	93	0.0	0.0	23,481.4	2,486.8	244	367
08/07/24	6:54	23,458.2	2,484.4	93	0.0	0.0	23,458.2	2,484.4	243	366
08/07/24	6:55	23,463.7	2,485.0	93	0.0	0.0	23,463.7	2,485.0	243	366
08/07/24	6:56	23,472.1	2,485.8	93	0.0	0.0	23,472.1	2,485.8	243	366
08/07/24	6:57	23,461.6	2,484.7	93	0.0	0.0	23,461.6	2,484.7	243	366
08/07/24	6:58	23,472.4	2,485.9	93	0.0	0.0	23,472.4	2,485.9	243	366
08/07/24	6:59	23,484.2	2,487.1	93	0.0	0.0	23,484.2	2,487.1	243	366
08/07/24	7:00	23,385.0	2,476.6	92	0.0	0.0	23,385.0	2,476.6	243	366
08/07/24	7:01	23,487.9	2,487.5	93	0.0	0.0	23,487.9	2,487.5	243	366
08/07/24	7:02	23,499.4	2,488.7	93	0.0	0.0	23,499.4	2,488.7	244	367
08/07/24	7:03	23,434.9	2,481.9	93	0.0	0.0	23,434.9	2,481.9	243	366
08/07/24	7:04	23,440.4	2,482.5	93	0.0	0.0	23,440.4	2,482.5	243	366
08/07/24	7:05	23,457.6	2,484.3	93	0.0	0.0	23,457.6	2,484.3	243	366
08/07/24	7:06	23,441.8	2,482.6	93	0.0	0.0	23,441.8	2,482.6	243	366
08/07/24	7:07	23,442.4	2,482.7	93	0.0	0.0	23,442.4	2,482.7	244	366
08/07/24	7:08	23,436.4	2,482.1	93	0.0	0.0	23,436.4	2,482.1	243	366
08/07/24	7:09	23,457.6	2,484.3	93	0.0	0.0	23,457.6	2,484.3	243	366
08/07/24	7:10	23,427.8	2,481.1	93	0.0	0.0	23,427.8	2,481.1	243	366
08/07/24	7:11	23,459.3	2,484.5	93	0.0	0.0	23,459.3	2,484.5	243	366
08/07/24	7:12	23,427.0	2,481.1	93	0.0	0.0	23,427.0	2,481.1	243	366
08/07/24	7:13	23,459.2	2,484.5	93	0.0	0.0	23,459.2	2,484.5	243	366
08/07/24	7:14	23,401.4	2,478.4	93	0.0	0.0	23,401.4	2,478.4	243	366
08/07/24	7:15	23,424.1	2,480.8	93	0.0	0.0	23,424.1	2,480.8	243	366
08/07/24	7:16	23,365.3	2,474.5	93	0.0	0.0	23,365.3	2,474.5	243	366
08/07/24	7:17	23,446.2	2,483.1	93	0.0	0.0	23,446.2	2,483.1	243	366
08/07/24	7:18	23,415.9	2,479.9	93	0.0	0.0	23,415.9	2,479.9	243	366
08/07/24	7:19	23,380.1	2,476.1	93	0.0	0.0	23,380.1	2,476.1	243	366
08/07/24	7:20	23,424.5	2,480.8	93	0.0	0.0	23,424.5	2,480.8	243	366
08/07/24	7:21	23,427.3	2,481.1	93	0.0	0.0	23,427.3	2,481.1	243	366
08/07/24	7:22	23,407.9	2,479.0	93	0.0	0.0	23,407.9	2,479.0	243	366
08/07/24	7:23	23,397.2	2,477.9	93	0.0	0.0	23,397.2	2,477.9	243	366
08/07/24	7:24	23,446.8	2,483.2	93	0.0	0.0	23,446.8	2,483.2	243	365
08/07/24	7:25	23,443.9	2,482.8	93	0.0	0.0	23,443.9	2,482.8	243	366
08/07/24	7:26	23,394.2	2,477.6	93	0.0	0.0	23,394.2	2,477.6	243	365
08/07/24	7:27	23,368.9	2,474.9	93	0.0	0.0	23,368.9	2,474.9	243	365
08/07/24	7:28	23,417.3	2,480.0	93	0.0	0.0	23,417.3	2,480.0	243	366
08/07/24	7:29	23,406.5	2,478.9	93	0.0	0.0	23,406.5	2,478.9	243	366
08/07/24	7:30	23,402.0	2,478.4	93	0.0	0.0	23,402.0	2,478.4	243	365
08/07/24	7:31	23,391.8	2,477.3	93	0.0	0.0	23,391.8	2,477.3	243	366
08/07/24	7:32	23,370.8	2,475.1	93	0.0	0.0	23,370.8	2,475.1	242	365
08/07/24	7:33	23,407.4	2,479.0	93	0.0	0.0	23,407.4	2,479.0	243	365
08/07/24	7:34	23,400.4	2,478.2	93	0.0	0.0	23,400.4	2,478.2	243	365
08/07/24	7:35	23,386.6	2,476.8	93	0.0	0.0	23,386.6	2,476.8	243	365
08/07/24	7:36	23,441.2	2,482.6	93	0.0	0.0	23,441.2	2,482.6	243	366
08/07/24	7:37	23,383.0	2,476.4	93	0.0	0.0	23,383.0	2,476.4	242	365
08/07/24	7:38	23,406.4	2,478.9	93	0.0	0.0	23,406.4	2,478.9	243	365
08/07/24	7:39	23,363.1	2,474.3	93	0.0	0.0	23,363.1	2,474.3	242	365
08/07/24	7:40	23,330.7	2,470.9	93	0.0	0.0	23,330.7	2,470.9	242	365
08/07/24	7:41	23,366.9	2,474.7	93	0.0	0.0	23,366.9	2,474.7	243	365
08/07/24	7:42	23,363.3	2,474.3	93	0.0	0.0	23,363.3	2,474.3	243	365
08/07/24	7:43	23,366.0	2,474.6	93	0.0	0.0	23,366.0	2,474.6	243	365
08/07/24	7:44	23,361.5	2,474.1	93	0.0	0.0	23,361.5	2,474.1	243	365
08/07/24	7:45	23,396.5	2,477.8	93	0.0	0.0	23,396.5	2,477.8	243	365
08/07/24	7:46	23,434.8	2,481.9	93	0.0	0.0	23,434.8	2,481.9	243	365
08/07/24	7:47	23,380.8	2,476.2	93	0.0	0.0	23,380.8	2,476.2	242	365
08/07/24	7:48	23,407.3	2,479.0	93	0.0	0.0	23,407.3	2,479.0	242	365
08/07/24	7:49	23,373.3	2,475.4	93	0.0	0.0	23,373.3	2,475.4	242	365

08/07/24	7:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	7:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	7:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	7:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	7:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	7:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	7:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	7:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	7:58	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	7:59	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	8:00	23,424.5	2,480.8	93	0.0	0.0	23,424.5	2,480.8	242	365
08/07/24	8:01	23,346.5	2,472.5	93	0.0	0.0	23,346.5	2,472.5	242	364
08/07/24	8:02	23,307.0	2,468.4	93	0.0	0.0	23,307.0	2,468.4	241	364
08/07/24	8:03	23,306.6	2,468.3	93	0.0	0.0	23,306.6	2,468.3	241	364
08/07/24	8:04	23,329.6	2,470.7	93	0.0	0.0	23,329.6	2,470.7	241	364
08/07/24	8:05	23,219.6	2,459.1	92	0.0	0.0	23,219.6	2,459.1	241	363
08/07/24	8:06	23,262.5	2,463.6	93	0.0	0.0	23,262.5	2,463.6	241	363
08/07/24	8:07	23,215.5	2,458.7	93	0.0	0.0	23,215.5	2,458.7	241	363
08/07/24	8:08	23,216.3	2,458.7	93	0.0	0.0	23,216.3	2,458.7	240	363
08/07/24	8:09	23,243.8	2,461.7	93	0.0	0.0	23,243.8	2,461.7	241	363
08/07/24	8:10	23,228.5	2,460.0	93	0.0	0.0	23,228.5	2,460.0	241	363
08/07/24	8:11	23,150.8	2,451.8	93	0.0	0.0	23,150.8	2,451.8	240	362
08/07/24	8:12	23,254.9	2,462.8	93	0.0	0.0	23,254.9	2,462.8	241	363
08/07/24	8:13	23,231.4	2,460.3	93	0.0	0.0	23,231.4	2,460.3	241	363
08/07/24	8:14	23,148.5	2,451.6	93	0.0	0.0	23,148.5	2,451.6	240	362
08/07/24	8:15	23,125.5	2,449.1	93	0.0	0.0	23,125.5	2,449.1	240	362
08/07/24	8:16	23,171.7	2,454.0	92	0.0	0.0	23,171.7	2,454.0	240	362
08/07/24	8:17	23,176.1	2,454.5	93	0.0	0.0	23,176.1	2,454.5	240	362
08/07/24	8:18	23,226.2	2,459.8	93	0.0	0.0	23,226.2	2,459.8	241	363
08/07/24	8:19	23,162.8	2,453.1	93	0.0	0.0	23,162.8	2,453.1	240	362
08/07/24	8:20	23,167.9	2,453.6	92	0.0	0.0	23,167.9	2,453.6	240	362
08/07/24	8:21	23,199.4	2,457.0	93	0.0	0.0	23,199.4	2,457.0	241	363
08/07/24	8:22	23,213.9	2,458.5	93	0.0	0.0	23,213.9	2,458.5	241	363
08/07/24	8:23	23,158.2	2,452.6	93	0.0	0.0	23,158.2	2,452.6	240	362
08/07/24	8:24	23,188.4	2,455.8	93	0.0	0.0	23,188.4	2,455.8	240	362
08/07/24	8:25	23,123.0	2,448.9	92	0.0	0.0	23,123.0	2,448.9	240	362
08/07/24	8:26	23,198.2	2,456.8	93	0.0	0.0	23,198.2	2,456.8	240	362
08/07/24	8:27	23,197.2	2,456.7	92	0.0	0.0	23,197.2	2,456.7	240	362
08/07/24	8:28	23,247.7	2,462.1	93	0.0	0.0	23,247.7	2,462.1	241	363
08/07/24	8:29	23,163.1	2,453.1	93	0.0	0.0	23,163.1	2,453.1	240	362
08/07/24	8:30	23,078.9	2,444.2	92	0.0	0.0	23,078.9	2,444.2	239	361
08/07/24	8:31	23,078.8	2,444.2	92	0.0	0.0	23,078.8	2,444.2	239	361
08/07/24	8:32	23,089.1	2,445.3	92	0.0	0.0	23,089.1	2,445.3	239	361
08/07/24	8:33	23,181.6	2,455.1	93	0.0	0.0	23,181.6	2,455.1	240	362
08/07/24	8:34	23,103.8	2,446.8	93	0.0	0.0	23,103.8	2,446.8	240	361
08/07/24	8:35	23,079.2	2,444.2	92	0.0	0.0	23,079.2	2,444.2	239	361
08/07/24	8:36	23,114.5	2,448.0	93	0.0	0.0	23,114.5	2,448.0	240	361
08/07/24	8:37	23,097.8	2,446.2	92	0.0	0.0	23,097.8	2,446.2	239	361
08/07/24	8:38	23,089.9	2,445.4	93	0.0	0.0	23,089.9	2,445.4	239	361
08/07/24	8:39	23,137.6	2,450.4	93	0.0	0.0	23,137.6	2,450.4	239	361
08/07/24	8:40	23,113.1	2,447.8	93	0.0	0.0	23,113.1	2,447.8	239	360
08/07/24	8:41	23,009.7	2,436.9	92	0.0	0.0	23,009.7	2,436.9	238	360
08/07/24	8:42	23,150.6	2,451.8	93	0.0	0.0	23,150.6	2,451.8	239	361
08/07/24	8:43	23,156.0	2,452.4	93	0.0	0.0	23,156.0	2,452.4	239	361
08/07/24	8:44	23,125.8	2,449.2	93	0.0	0.0	23,125.8	2,449.2	239	361
08/07/24	8:45	23,137.6	2,450.4	93	0.0	0.0	23,137.6	2,450.4	239	361
08/07/24	8:46	23,163.1	2,453.1	93	0.0	0.0	23,163.1	2,453.1	239	361
08/07/24	8:47	23,134.8	2,450.1	93	0.0	0.0	23,134.8	2,450.1	239	361
08/07/24	8:48	23,046.6	2,440.8	92	0.0	0.0	23,046.6	2,440.8	238	360
08/07/24	8:49	23,119.2	2,448.5	93	0.0	0.0	23,119.2	2,448.5	239	360
08/07/24	8:50	23,155.2	2,452.3	93	0.0	0.0	23,155.2	2,452.3	239	361
08/07/24	8:51	23,100.1	2,446.4	93	0.0	0.0	23,100.1	2,446.4	238	360
08/07/24	8:52	23,082.2	2,444.5	93	0.0	0.0	23,082.2	2,444.5	238	360
08/07/24	8:53	23,022.1	2,438.2	93	0.0	0.0	23,022.1	2,438.2	238	360
08/07/24	8:54	22,991.8	2,435.0	92	0.0	0.0	22,991.8	2,435.0	238	359
08/07/24	8:55	23,045.8	2,440.7	93	0.0	0.0	23,045.8	2,440.7	239	360
08/07/24	8:56	23,065.3	2,442.8	93	0.0	0.0	23,065.3	2,442.8	238	360
08/07/24	8:57	22,947.7	2,430.3	92	0.0	0.0	22,947.7	2,430.3	238	359
08/07/24	8:58	23,045.2	2,440.6	93	0.0	0.0	23,045.2	2,440.6	238	359
08/07/24	8:59	23,081.7	2,444.5	93	0.0	0.0	23,081.7	2,444.5	238	360

08/07/24	9:00	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:01	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:02	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:03	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:04	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:05	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:06	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:07	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:08	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:09	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:10	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:11	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:12	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:13	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:14	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	9:15	22,982.3	2,434.0	92	0.0	0.0	22,982.3	2,434.0	237	358
08/07/24	9:16	22,959.5	2,431.6	93	0.0	0.0	22,959.5	2,431.6	237	358
08/07/24	9:17	23,004.8	2,436.3	93	0.0	0.0	23,004.8	2,436.3	237	358
08/07/24	9:18	22,982.2	2,434.0	93	0.0	0.0	22,982.2	2,434.0	237	359
08/07/24	9:19	22,953.7	2,430.9	93	0.0	0.0	22,953.7	2,430.9	237	358
08/07/24	9:20	22,963.2	2,431.9	92	0.0	0.0	22,963.2	2,431.9	237	358
08/07/24	9:21	23,035.6	2,439.6	93	0.0	0.0	23,035.6	2,439.6	238	359
08/07/24	9:22	23,011.0	2,437.0	93	0.0	0.0	23,011.0	2,437.0	238	359
08/07/24	9:23	22,964.5	2,432.1	92	0.0	0.0	22,964.5	2,432.1	237	358
08/07/24	9:24	23,034.5	2,439.5	93	0.0	0.0	23,034.5	2,439.5	238	359
08/07/24	9:25	22,989.2	2,434.7	92	0.0	0.0	22,989.2	2,434.7	238	359
08/07/24	9:26	22,950.3	2,430.6	92	0.0	0.0	22,950.3	2,430.6	237	358
08/07/24	9:27	22,980.7	2,433.8	93	0.0	0.0	22,980.7	2,433.8	238	359
08/07/24	9:28	22,998.1	2,435.6	93	0.0	0.0	22,998.1	2,435.6	237	358
08/07/24	9:29	22,944.9	2,430.0	92	0.0	0.0	22,944.9	2,430.0	237	358
08/07/24	9:30	22,890.4	2,424.2	92	0.0	0.0	22,890.4	2,424.2	237	358
08/07/24	9:31	22,964.3	2,432.1	93	0.0	0.0	22,964.3	2,432.1	237	358
08/07/24	9:32	22,959.5	2,431.5	93	0.0	0.0	22,959.5	2,431.5	237	358
08/07/24	9:33	22,888.4	2,424.0	92	0.0	0.0	22,888.4	2,424.0	236	357
08/07/24	9:34	22,900.2	2,425.3	93	0.0	0.0	22,900.2	2,425.3	236	357
08/07/24	9:35	22,941.4	2,429.6	93	0.0	0.0	22,941.4	2,429.6	237	358
08/07/24	9:36	22,923.0	2,427.7	93	0.0	0.0	22,923.0	2,427.7	237	358
08/07/24	9:37	22,932.4	2,428.7	93	0.0	0.0	22,932.4	2,428.7	237	358
08/07/24	9:38	22,930.8	2,428.5	92	0.0	0.0	22,930.8	2,428.5	236	357
08/07/24	9:39	22,964.1	2,432.0	93	0.0	0.0	22,964.1	2,432.0	237	357
08/07/24	9:40	22,938.1	2,429.3	93	0.0	0.0	22,938.1	2,429.3	237	357
08/07/24	9:41	22,822.1	2,417.0	93	0.0	0.0	22,822.1	2,417.0	236	357
08/07/24	9:42	22,893.1	2,424.5	93	0.0	0.0	22,893.1	2,424.5	236	357
08/07/24	9:43	22,905.3	2,425.8	93	0.0	0.0	22,905.3	2,425.8	236	357
08/07/24	9:44	22,890.7	2,424.3	93	0.0	0.0	22,890.7	2,424.3	236	356
08/07/24	9:45	22,818.5	2,416.6	93	0.0	0.0	22,818.5	2,416.6	236	356
08/07/24	9:46	22,812.1	2,415.9	93	0.0	0.0	22,812.1	2,415.9	236	356
08/07/24	9:47	22,819.2	2,416.7	93	0.0	0.0	22,819.2	2,416.7	236	356
08/07/24	9:48	22,964.2	2,432.0	93	0.0	0.0	22,964.2	2,432.0	236	357
08/07/24	9:49	22,911.4	2,426.5	93	0.0	0.0	22,911.4	2,426.5	236	357
08/07/24	9:50	22,846.8	2,419.6	92	0.0	0.0	22,846.8	2,419.6	236	356
08/07/24	9:51	22,834.5	2,418.3	93	0.0	0.0	22,834.5	2,418.3	236	356
08/07/24	9:52	22,888.5	2,424.0	93	0.0	0.0	22,888.5	2,424.0	236	356
08/07/24	9:53	22,915.8	2,426.9	93	0.0	0.0	22,915.8	2,426.9	236	357
08/07/24	9:54	22,880.9	2,423.2	93	0.0	0.0	22,880.9	2,423.2	236	357
08/07/24	9:55	22,915.4	2,426.9	93	0.0	0.0	22,915.4	2,426.9	237	357
08/07/24	9:56	22,868.6	2,421.9	92	0.0	0.0	22,868.6	2,421.9	237	357
08/07/24	9:57	22,884.0	2,423.6	93	0.0	0.0	22,884.0	2,423.6	236	357
08/07/24	9:58	22,899.6	2,425.2	93	0.0	0.0	22,899.6	2,425.2	236	357
08/07/24	9:59	22,882.3	2,423.4	93	0.0	0.0	22,882.3	2,423.4	237	357
08/07/24	10:00	22,839.6	2,418.9	93	0.0	0.0	22,839.6	2,418.9	236	357
08/07/24	10:01	22,862.2	2,421.2	92	0.0	0.0	22,862.2	2,421.2	236	356
08/07/24	10:02	22,864.7	2,421.5	93	0.0	0.0	22,864.7	2,421.5	236	357
08/07/24	10:03	22,897.1	2,424.9	93	0.0	0.0	22,897.1	2,424.9	236	357
08/07/24	10:04	22,871.0	2,422.2	92	0.0	0.0	22,871.0	2,422.2	236	357
08/07/24	10:05	22,900.2	2,425.3	93	0.0	0.0	22,900.2	2,425.3	237	357
08/07/24	10:06	22,869.0	2,422.0	92	0.0	0.0	22,869.0	2,422.0	236	357
08/07/24	10:07	22,877.9	2,422.9	93	0.0	0.0	22,877.9	2,422.9	237	357

08/07/24	10:08	22,826.1	2,417.4	92	0.0	0.0	22,826.1	2,417.4	236	356
08/07/24	10:09	22,870.5	2,422.1	93	0.0	0.0	22,870.5	2,422.1	236	357
08/07/24	10:10	22,903.0	2,425.6	93	0.0	0.0	22,903.0	2,425.6	237	357
08/07/24	10:11	22,906.7	2,426.0	93	0.0	0.0	22,906.7	2,426.0	236	357
08/07/24	10:12	22,872.8	2,422.4	92	0.0	0.0	22,872.8	2,422.4	236	356
08/07/24	10:13	22,852.2	2,420.2	93	0.0	0.0	22,852.2	2,420.2	236	356
08/07/24	10:14	22,793.6	2,414.0	92	0.0	0.0	22,793.6	2,414.0	236	356
Average		23,253.0	2,462.6	93	0.0	0.0	23,253.0	2,462.6	241	363
Minimum		22,793.6	2,414.0	92	0.0	0.0	22,793.6	2,414.0	236	356
Maximum		23,630.0	2,502.6	93	0.0	0.0	23,630.0	2,502.6	245	368
Summation		5,580,723.3	591,032.1	22,225	0.0	0.0	5,580,723.3	591,032.1	57,781	87,094
Included Data Points		240	240	240	240	240	240	240	240	240
Total Number of Data Points		275	275	275	275	275	275	275	275	275
F = Unit Offline E = Exceedance C = Calibration S = Substituted U - Startup I = Invalid M = Maintetance T = Out Of Control * = Suspect D - Shutdown										

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

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 8/7/2024 12:45 Through 8/7/2024 17:24

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT03							
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	TOTLOAD (MW)
08/07/24	12:45	22,655.6	2,399.4	93	0.0	0.0	22,655.6	2,399.4	232
08/07/24	12:46	22,653.2	2,399.1	93	0.0	0.0	22,653.2	2,399.1	232
08/07/24	12:47	22,651.9	2,399.0	93	0.0	0.0	22,651.9	2,399.0	233
08/07/24	12:48	22,596.0	2,393.1	92	0.0	0.0	22,596.0	2,393.1	232
08/07/24	12:49	22,629.1	2,396.6	93	0.0	0.0	22,629.1	2,396.6	233
08/07/24	12:50	22,665.7	2,400.4	92	0.0	0.0	22,665.7	2,400.4	233
08/07/24	12:51	22,691.6	2,403.2	93	0.0	0.0	22,691.6	2,403.2	233
08/07/24	12:52	22,617.1	2,395.3	93	0.0	0.0	22,617.1	2,395.3	232
08/07/24	12:53	22,588.8	2,392.3	92	0.0	0.0	22,588.8	2,392.3	232
08/07/24	12:54	22,692.9	2,403.3	93	0.0	0.0	22,692.9	2,403.3	233
08/07/24	12:55	22,705.4	2,404.6	93	0.0	0.0	22,705.4	2,404.6	233
08/07/24	12:56	22,604.6	2,394.0	92	0.0	0.0	22,604.6	2,394.0	233
08/07/24	12:57	22,590.4	2,392.5	93	0.0	0.0	22,590.4	2,392.5	232
08/07/24	12:58	22,607.9	2,394.3	92	0.0	0.0	22,607.9	2,394.3	232
08/07/24	12:59	22,596.6	2,393.1	93	0.0	0.0	22,596.6	2,393.1	232
08/07/24	13:00	22,597.1	2,393.2	93	0.0	0.0	22,597.1	2,393.2	232
08/07/24	13:01	22,582.7	2,391.6	92	0.0	0.0	22,582.7	2,391.6	232
08/07/24	13:02	22,574.3	2,390.8	93	0.0	0.0	22,574.3	2,390.8	232
08/07/24	13:03	22,508.0	2,383.7	92	0.0	0.0	22,508.0	2,383.7	231
08/07/24	13:04	22,494.8	2,382.3	92	0.0	0.0	22,494.8	2,382.3	231
08/07/24	13:05	22,532.8	2,386.4	93	0.0	0.0	22,532.8	2,386.4	232
08/07/24	13:06	22,523.5	2,385.4	93	0.0	0.0	22,523.5	2,385.4	231
08/07/24	13:07	22,559.6	2,389.2	93	0.0	0.0	22,559.6	2,389.2	231
08/07/24	13:08	22,589.8	2,392.4	93	0.0	0.0	22,589.8	2,392.4	232
08/07/24	13:09	22,564.6	2,389.7	92	0.0	0.0	22,564.6	2,389.7	232
08/07/24	13:10	22,650.3	2,398.8	93	0.0	0.0	22,650.3	2,398.8	233
08/07/24	13:11	22,576.0	2,390.9	93	0.0	0.0	22,576.0	2,390.9	232
08/07/24	13:12	22,557.9	2,389.0	93	0.0	0.0	22,557.9	2,389.0	231
08/07/24	13:13	22,602.0	2,393.7	93	0.0	0.0	22,602.0	2,393.7	232
08/07/24	13:14	22,506.9	2,383.6	92	0.0	0.0	22,506.9	2,383.6	231
08/07/24	13:15	22,548.0	2,388.0	92	0.0	0.0	22,548.0	2,388.0	232
08/07/24	13:16	22,565.2	2,389.8	93	0.0	0.0	22,565.2	2,389.8	232
08/07/24	13:17	22,611.8	2,394.7	93	0.0	0.0	22,611.8	2,394.7	233
08/07/24	13:18	22,652.2	2,399.0	93	0.0	0.0	22,652.2	2,399.0	232
08/07/24	13:19	22,547.5	2,387.9	92	0.0	0.0	22,547.5	2,387.9	232
08/07/24	13:20	22,548.6	2,388.0	93	0.0	0.0	22,548.6	2,388.0	232
08/07/24	13:21	22,617.6	2,395.3	93	0.0	0.0	22,617.6	2,395.3	232
08/07/24	13:22	22,531.4	2,386.2	92	0.0	0.0	22,531.4	2,386.2	231
08/07/24	13:23	22,524.8	2,385.5	93	0.0	0.0	22,524.8	2,385.5	231
08/07/24	13:24	22,447.1	2,377.3	93	0.0	0.0	22,447.1	2,377.3	230
08/07/24	13:25	22,431.7	2,375.7	93	0.0	0.0	22,431.7	2,375.7	230
08/07/24	13:26	22,477.9	2,380.5	93	0.0	0.0	22,477.9	2,380.5	231
08/07/24	13:27	22,531.4	2,386.2	93	0.0	0.0	22,531.4	2,386.2	232
08/07/24	13:28	22,599.0	2,393.4	93	0.0	0.0	22,599.0	2,393.4	232
08/07/24	13:29	22,555.2	2,388.7	93	0.0	0.0	22,555.2	2,388.7	232
08/07/24	13:30	22,545.8	2,387.7	92	0.0	0.0	22,545.8	2,387.7	231
08/07/24	13:31	22,543.5	2,387.5	93	0.0	0.0	22,543.5	2,387.5	231
08/07/24	13:32	22,429.7	2,375.4	92	0.0	0.0	22,429.7	2,375.4	230
08/07/24	13:33	22,522.0	2,385.2	92	0.0	0.0	22,522.0	2,385.2	231
08/07/24	13:34	22,599.5	2,393.4	93	0.0	0.0	22,599.5	2,393.4	232
08/07/24	13:35	22,505.9	2,383.5	93	0.0	0.0	22,505.9	2,383.5	231
08/07/24	13:36	22,454.4	2,378.1	92	0.0	0.0	22,454.4	2,378.1	230
08/07/24	13:37	22,497.7	2,382.6	93	0.0	0.0	22,497.7	2,382.6	230
08/07/24	13:38	22,460.7	2,378.7	93	0.0	0.0	22,460.7	2,378.7	230
08/07/24	13:39	22,455.7	2,378.2	93	0.0	0.0	22,455.7	2,378.2	230
08/07/24	13:40	22,517.1	2,384.7	93	0.0	0.0	22,517.1	2,384.7	230
08/07/24	13:41	22,449.5	2,377.5	92	0.0	0.0	22,449.5	2,377.5	230
08/07/24	13:42	22,599.3	2,393.4	93	0.0	0.0	22,599.3	2,393.4	232
08/07/24	13:43	22,546.0	2,387.8	93	0.0	0.0	22,546.0	2,387.8	231
08/07/24	13:44	22,539.1	2,387.0	92	0.0	0.0	22,539.1	2,387.0	231

08/07/24	13:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:48	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:49	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	13:55	22,605.0	2,394.0	92	0.0	0.0	22,605.0	2,394.0	232	351
08/07/24	13:56	22,665.7	2,400.4	93	0.0	0.0	22,665.7	2,400.4	232	352
08/07/24	13:57	22,687.9	2,402.8	93	0.0	0.0	22,687.9	2,402.8	232	352
08/07/24	13:58	22,614.0	2,395.0	93	0.0	0.0	22,614.0	2,395.0	231	351
08/07/24	13:59	22,590.7	2,392.5	93	0.0	0.0	22,590.7	2,392.5	231	351
08/07/24	14:00	22,606.7	2,394.2	92	0.0	0.0	22,606.7	2,394.2	231	351
08/07/24	14:01	22,712.0	2,405.3	93	0.0	0.0	22,712.0	2,405.3	232	352
08/07/24	14:02	22,694.0	2,403.4	93	0.0	0.0	22,694.0	2,403.4	232	352
08/07/24	14:03	22,620.2	2,395.6	93	0.0	0.0	22,620.2	2,395.6	232	352
08/07/24	14:04	22,601.7	2,393.7	92	0.0	0.0	22,601.7	2,393.7	232	351
08/07/24	14:05	22,711.4	2,405.3	93	0.0	0.0	22,711.4	2,405.3	232	352
08/07/24	14:06	22,685.5	2,402.5	93	0.0	0.0	22,685.5	2,402.5	232	352
08/07/24	14:07	22,672.5	2,401.1	93	0.0	0.0	22,672.5	2,401.1	232	352
08/07/24	14:08	22,630.5	2,396.7	93	0.0	0.0	22,630.5	2,396.7	232	351
08/07/24	14:09	22,611.1	2,394.6	93	0.0	0.0	22,611.1	2,394.6	231	351
08/07/24	14:10	22,589.3	2,392.3	92	0.0	0.0	22,589.3	2,392.3	231	351
08/07/24	14:11	22,619.2	2,395.5	93	0.0	0.0	22,619.2	2,395.5	231	351
08/07/24	14:12	22,662.5	2,400.1	93	0.0	0.0	22,662.5	2,400.1	232	352
08/07/24	14:13	22,611.1	2,394.7	93	0.0	0.0	22,611.1	2,394.7	231	351
08/07/24	14:14	22,602.3	2,393.7	92	0.0	0.0	22,602.3	2,393.7	231	351
08/07/24	14:15	22,566.1	2,389.9	92	0.0	0.0	22,566.1	2,389.9	231	351
08/07/24	14:16	22,576.0	2,390.9	92	0.0	0.0	22,576.0	2,390.9	231	350
08/07/24	14:17	22,607.0	2,394.2	92	0.0	0.0	22,607.0	2,394.2	231	351
08/07/24	14:18	22,687.9	2,402.8	93	0.0	0.0	22,687.9	2,402.8	232	352
08/07/24	14:19	22,595.8	2,393.0	92	0.0	0.0	22,595.8	2,393.0	231	351
08/07/24	14:20	22,692.0	2,403.2	93	0.0	0.0	22,692.0	2,403.2	232	351
08/07/24	14:21	22,591.6	2,392.6	93	0.0	0.0	22,591.6	2,392.6	231	351
08/07/24	14:22	22,506.5	2,383.6	92	0.0	0.0	22,506.5	2,383.6	230	350
08/07/24	14:23	22,481.7	2,380.9	93	0.0	0.0	22,481.7	2,380.9	230	349
08/07/24	14:24	22,524.8	2,385.5	93	0.0	0.0	22,524.8	2,385.5	230	350
08/07/24	14:25	22,479.0	2,380.7	93	0.0	0.0	22,479.0	2,380.7	230	349
08/07/24	14:26	22,454.4	2,378.1	93	0.0	0.0	22,454.4	2,378.1	230	349
08/07/24	14:27	22,518.2	2,384.8	93	0.0	0.0	22,518.2	2,384.8	230	350
08/07/24	14:28	22,501.6	2,383.1	92	0.0	0.0	22,501.6	2,383.1	230	350
08/07/24	14:29	22,576.8	2,391.0	93	0.0	0.0	22,576.8	2,391.0	231	350
08/07/24	14:30	22,524.8	2,385.5	92	0.0	0.0	22,524.8	2,385.5	230	350
08/07/24	14:31	22,541.7	2,387.3	92	0.0	0.0	22,541.7	2,387.3	230	350
08/07/24	14:32	22,551.9	2,388.4	92	0.0	0.0	22,551.9	2,388.4	231	350
08/07/24	14:33	22,632.3	2,396.9	93	0.0	0.0	22,632.3	2,396.9	231	350
08/07/24	14:34	22,570.0	2,390.3	93	0.0	0.0	22,570.0	2,390.3	231	350
08/07/24	14:35	22,543.6	2,387.5	93	0.0	0.0	22,543.6	2,387.5	230	350
08/07/24	14:36	22,538.9	2,387.0	93	0.0	0.0	22,538.9	2,387.0	231	350
08/07/24	14:37	22,594.7	2,392.9	93	0.0	0.0	22,594.7	2,392.9	231	350
08/07/24	14:38	22,602.5	2,393.7	93	0.0	0.0	22,602.5	2,393.7	231	350
08/07/24	14:39	22,572.8	2,390.6	92	0.0	0.0	22,572.8	2,390.6	231	350
08/07/24	14:40	22,630.7	2,396.7	93	0.0	0.0	22,630.7	2,396.7	231	351
08/07/24	14:41	22,496.9	2,382.6	93	0.0	0.0	22,496.9	2,382.6	230	349
08/07/24	14:42	22,471.1	2,379.8	93	0.0	0.0	22,471.1	2,379.8	229	349
08/07/24	14:43	22,489.4	2,381.8	92	0.0	0.0	22,489.4	2,381.8	229	348
08/07/24	14:44	22,597.2	2,393.2	93	0.0	0.0	22,597.2	2,393.2	231	350
08/07/24	14:45	22,625.6	2,396.2	93	0.0	0.0	22,625.6	2,396.2	231	350
08/07/24	14:46	22,513.5	2,384.3	92	0.0	0.0	22,513.5	2,384.3	230	350
08/07/24	14:47	22,584.6	2,391.8	92	0.0	0.0	22,584.6	2,391.8	231	350
08/07/24	14:48	22,616.2	2,395.2	93	0.0	0.0	22,616.2	2,395.2	231	351
08/07/24	14:49	22,563.3	2,389.6	93	0.0	0.0	22,563.3	2,389.6	231	350
08/07/24	14:50	22,520.2	2,385.0	92	0.0	0.0	22,520.2	2,385.0	230	349
08/07/24	14:51	22,509.7	2,383.9	92	0.0	0.0	22,509.7	2,383.9	230	349
08/07/24	14:52	22,565.2	2,389.8	93	0.0	0.0	22,565.2	2,389.8	231	350
08/07/24	14:53	22,598.5	2,393.3	92	0.0	0.0	22,598.5	2,393.3	231	350
08/07/24	14:54	22,582.2	2,391.6	92	0.0	0.0	22,582.2	2,391.6	231	350

08/07/24	14:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	14:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	14:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	14:58	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	14:59	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:00	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:01	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:02	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:03	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:04	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:05	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:06	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:07	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:08	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:09	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:10	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:11	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:12	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:13	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:14	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	15:15	22,620.3	2,395.6	93	0.0	0.0	22,620.3	2,395.6	231	349
08/07/24	15:16	22,584.9	2,391.9	92	0.0	0.0	22,584.9	2,391.9	231	349
08/07/24	15:17	22,670.8	2,401.0	93	0.0	0.0	22,670.8	2,401.0	231	350
08/07/24	15:18	22,663.6	2,400.2	93	0.0	0.0	22,663.6	2,400.2	231	350
08/07/24	15:19	22,595.1	2,393.0	93	0.0	0.0	22,595.1	2,393.0	231	349
08/07/24	15:20	22,586.1	2,392.0	92	0.0	0.0	22,586.1	2,392.0	230	349
08/07/24	15:21	22,567.6	2,390.0	92	0.0	0.0	22,567.6	2,390.0	230	349
08/07/24	15:22	22,615.5	2,395.1	93	0.0	0.0	22,615.5	2,395.1	231	350
08/07/24	15:23	22,616.6	2,395.2	93	0.0	0.0	22,616.6	2,395.2	231	350
08/07/24	15:24	22,579.8	2,391.3	92	0.0	0.0	22,579.8	2,391.3	230	349
08/07/24	15:25	22,563.7	2,389.6	92	0.0	0.0	22,563.7	2,389.6	230	349
08/07/24	15:26	22,635.0	2,397.2	93	0.0	0.0	22,635.0	2,397.2	231	350
08/07/24	15:27	22,595.7	2,393.0	93	0.0	0.0	22,595.7	2,393.0	231	350
08/07/24	15:28	22,540.1	2,387.1	92	0.0	0.0	22,540.1	2,387.1	230	349
08/07/24	15:29	22,596.1	2,393.1	93	0.0	0.0	22,596.1	2,393.1	231	349
08/07/24	15:30	22,623.7	2,396.0	93	0.0	0.0	22,623.7	2,396.0	231	349
08/07/24	15:31	22,553.3	2,388.5	93	0.0	0.0	22,553.3	2,388.5	230	349
08/07/24	15:32	22,547.2	2,387.9	92	0.0	0.0	22,547.2	2,387.9	230	349
08/07/24	15:33	22,596.8	2,393.1	93	0.0	0.0	22,596.8	2,393.1	231	350
08/07/24	15:34	22,627.6	2,396.4	93	0.0	0.0	22,627.6	2,396.4	231	350
08/07/24	15:35	22,588.0	2,392.2	92	0.0	0.0	22,588.0	2,392.2	230	349
08/07/24	15:36	22,571.8	2,390.5	92	0.0	0.0	22,571.8	2,390.5	230	349
08/07/24	15:37	22,599.4	2,393.4	93	0.0	0.0	22,599.4	2,393.4	231	350
08/07/24	15:38	22,574.1	2,390.7	92	0.0	0.0	22,574.1	2,390.7	230	349
08/07/24	15:39	22,547.1	2,387.9	92	0.0	0.0	22,547.1	2,387.9	230	349
08/07/24	15:40	22,636.0	2,397.3	93	0.0	0.0	22,636.0	2,397.3	231	350
08/07/24	15:41	22,643.5	2,398.1	92	0.0	0.0	22,643.5	2,398.1	231	350
08/07/24	15:42	22,603.7	2,393.9	92	0.0	0.0	22,603.7	2,393.9	231	350
08/07/24	15:43	22,614.5	2,395.0	93	0.0	0.0	22,614.5	2,395.0	231	350
08/07/24	15:44	22,641.2	2,397.8	92	0.0	0.0	22,641.2	2,397.8	231	349
08/07/24	15:45	22,604.2	2,393.9	93	0.0	0.0	22,604.2	2,393.9	230	349
08/07/24	15:46	22,496.3	2,382.5	92	0.0	0.0	22,496.3	2,382.5	229	348
08/07/24	15:47	22,556.6	2,388.9	93	0.0	0.0	22,556.6	2,388.9	230	349
08/07/24	15:48	22,569.5	2,390.2	93	0.0	0.0	22,569.5	2,390.2	230	349
08/07/24	15:49	22,619.9	2,395.6	93	0.0	0.0	22,619.9	2,395.6	230	349
08/07/24	15:50	22,566.9	2,390.0	92	0.0	0.0	22,566.9	2,390.0	230	349
08/07/24	15:51	22,599.6	2,393.4	93	0.0	0.0	22,599.6	2,393.4	230	349
08/07/24	15:52	22,587.6	2,392.2	92	0.0	0.0	22,587.6	2,392.2	230	349
08/07/24	15:53	22,567.1	2,390.0	93	0.0	0.0	22,567.1	2,390.0	230	349
08/07/24	15:54	22,531.0	2,386.2	93	0.0	0.0	22,531.0	2,386.2	230	349
08/07/24	15:55	22,558.1	2,389.0	93	0.0	0.0	22,558.1	2,389.0	229	349
08/07/24	15:56	22,555.8	2,388.8	93	0.0	0.0	22,555.8	2,388.8	229	349
08/07/24	15:57	22,525.2	2,385.5	93	0.0	0.0	22,525.2	2,385.5	230	349
08/07/24	15:58	22,596.2	2,393.1	93	0.0	0.0	22,596.2	2,393.1	230	349
08/07/24	15:59	22,553.2	2,388.5	93	0.0	0.0	22,553.2	2,388.5	230	349
08/07/24	16:00	22,554.6	2,388.7	93	0.0	0.0	22,554.6	2,388.7	229	349
08/07/24	16:01	22,503.0	2,383.2	93	0.0	0.0	22,503.0	2,383.2	229	349
08/07/24	16:02	22,476.1	2,380.4	93	0.0	0.0	22,476.1	2,380.4	229	348
08/07/24	16:03	22,471.5	2,379.9	92	0.0	0.0	22,471.5	2,379.9	229	348
08/07/24	16:04	22,547.1	2,387.9	92	0.0	0.0	22,547.1	2,387.9	229	349
08/07/24	16:05	22,563.7	2,389.6	93	0.0	0.0	22,563.7	2,389.6	230	349
08/07/24	16:06	22,505.1	2,383.4	93	0.0	0.0	22,505.1	2,383.4	230	349
08/07/24	16:07	22,592.9	2,392.7	92	0.0	0.0	22,592.9	2,392.7	230	349
08/07/24	16:08	22,607.1	2,394.2	93	0.0	0.0	22,607.1	2,394.2	230	349

08/07/24	16:09	22,515.6	2,384.5	92	0.0	0.0	22,515.6	2,384.5	230	349
08/07/24	16:10	22,637.7	2,397.5	93	0.0	0.0	22,637.7	2,397.5	231	350
08/07/24	16:11	22,669.2	2,400.8	93	0.0	0.0	22,669.2	2,400.8	230	350
08/07/24	16:12	22,571.4	2,390.4	92	0.0	0.0	22,571.4	2,390.4	230	349
08/07/24	16:13	22,641.1	2,397.8	93	0.0	0.0	22,641.1	2,397.8	230	350
08/07/24	16:14	22,574.8	2,390.8	93	0.0	0.0	22,574.8	2,390.8	230	349
08/07/24	16:15	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:16	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:17	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:18	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:19	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:20	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:21	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:22	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:23	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:24	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/07/24	16:25	22,465.3	2,379.2	92	0.0	0.0	22,465.3	2,379.2	228	347
08/07/24	16:26	22,507.6	2,383.7	92	0.0	0.0	22,507.6	2,383.7	228	347
08/07/24	16:27	22,468.0	2,379.5	92	0.0	0.0	22,468.0	2,379.5	228	347
08/07/24	16:28	22,486.3	2,381.4	93	0.0	0.0	22,486.3	2,381.4	229	348
08/07/24	16:29	22,501.2	2,383.0	92	0.0	0.0	22,501.2	2,383.0	229	348
08/07/24	16:30	22,576.8	2,391.0	93	0.0	0.0	22,576.8	2,391.0	230	349
08/07/24	16:31	22,531.3	2,386.2	92	0.0	0.0	22,531.3	2,386.2	229	349
08/07/24	16:32	22,560.9	2,389.3	92	0.0	0.0	22,560.9	2,389.3	230	349
08/07/24	16:33	22,571.3	2,390.4	92	0.0	0.0	22,571.3	2,390.4	230	349
08/07/24	16:34	22,627.3	2,396.4	93	0.0	0.0	22,627.3	2,396.4	230	350
08/07/24	16:35	22,657.5	2,399.6	92	0.0	0.0	22,657.5	2,399.6	230	350
08/07/24	16:36	22,629.9	2,396.6	93	0.0	0.0	22,629.9	2,396.6	230	350
08/07/24	16:37	22,516.0	2,384.6	93	0.0	0.0	22,516.0	2,384.6	229	349
08/07/24	16:38	22,477.1	2,380.5	92	0.0	0.0	22,477.1	2,380.5	229	348
08/07/24	16:39	22,483.7	2,381.2	92	0.0	0.0	22,483.7	2,381.2	229	348
08/07/24	16:40	22,506.7	2,383.6	93	0.0	0.0	22,506.7	2,383.6	229	348
08/07/24	16:41	22,468.3	2,379.5	92	0.0	0.0	22,468.3	2,379.5	229	348
08/07/24	16:42	22,585.5	2,391.9	93	0.0	0.0	22,585.5	2,391.9	230	349
08/07/24	16:43	22,569.8	2,390.3	93	0.0	0.0	22,569.8	2,390.3	230	349
08/07/24	16:44	22,514.2	2,384.4	92	0.0	0.0	22,514.2	2,384.4	229	348
08/07/24	16:45	22,526.5	2,385.7	93	0.0	0.0	22,526.5	2,385.7	229	348
08/07/24	16:46	22,480.2	2,380.8	93	0.0	0.0	22,480.2	2,380.8	229	348
08/07/24	16:47	22,438.6	2,376.4	92	0.0	0.0	22,438.6	2,376.4	228	347
08/07/24	16:48	22,512.5	2,384.2	93	0.0	0.0	22,512.5	2,384.2	229	348
08/07/24	16:49	22,505.0	2,383.4	93	0.0	0.0	22,505.0	2,383.4	229	348
08/07/24	16:50	22,597.0	2,393.2	93	0.0	0.0	22,597.0	2,393.2	230	349
08/07/24	16:51	22,573.9	2,390.7	93	0.0	0.0	22,573.9	2,390.7	230	349
08/07/24	16:52	22,495.8	2,382.4	92	0.0	0.0	22,495.8	2,382.4	229	349
08/07/24	16:53	22,627.9	2,396.4	93	0.0	0.0	22,627.9	2,396.4	231	350
08/07/24	16:54	22,624.4	2,396.1	93	0.0	0.0	22,624.4	2,396.1	231	350
08/07/24	16:55	22,629.6	2,396.6	92	0.0	0.0	22,629.6	2,396.6	230	350
08/07/24	16:56	22,636.3	2,397.3	93	0.0	0.0	22,636.3	2,397.3	230	350
08/07/24	16:57	22,565.3	2,389.8	93	0.0	0.0	22,565.3	2,389.8	230	349
08/07/24	16:58	22,524.5	2,385.5	92	0.0	0.0	22,524.5	2,385.5	229	349
08/07/24	16:59	22,584.5	2,391.8	92	0.0	0.0	22,584.5	2,391.8	230	349
08/07/24	17:00	22,664.0	2,400.3	93	0.0	0.0	22,664.0	2,400.3	231	350
08/07/24	17:01	22,655.9	2,399.4	93	0.0	0.0	22,655.9	2,399.4	231	350
08/07/24	17:02	22,617.8	2,395.4	92	0.0	0.0	22,617.8	2,395.4	231	350
08/07/24	17:03	22,667.9	2,400.7	92	0.0	0.0	22,667.9	2,400.7	231	350
08/07/24	17:04	22,649.7	2,398.7	93	0.0	0.0	22,649.7	2,398.7	231	351
08/07/24	17:05	22,617.0	2,395.3	92	0.0	0.0	22,617.0	2,395.3	231	350
08/07/24	17:06	22,653.9	2,399.2	92	0.0	0.0	22,653.9	2,399.2	230	350
08/07/24	17:07	22,635.0	2,397.2	92	0.0	0.0	22,635.0	2,397.2	231	350
08/07/24	17:08	22,643.7	2,398.1	92	0.0	0.0	22,643.7	2,398.1	231	350
08/07/24	17:09	22,657.7	2,399.6	93	0.0	0.0	22,657.7	2,399.6	231	350
08/07/24	17:10	22,599.9	2,393.5	92	0.0	0.0	22,599.9	2,393.5	231	350
08/07/24	17:11	22,610.0	2,394.5	92	0.0	0.0	22,610.0	2,394.5	230	350
08/07/24	17:12	22,688.8	2,402.9	93	0.0	0.0	22,688.8	2,402.9	231	351
08/07/24	17:13	22,619.2	2,395.5	92	0.0	0.0	22,619.2	2,395.5	230	350
08/07/24	17:14	22,595.6	2,393.0	92	0.0	0.0	22,595.6	2,393.0	230	350
08/07/24	17:15	22,606.0	2,394.1	93	0.0	0.0	22,606.0	2,394.1	231	350
08/07/24	17:16	22,562.7	2,389.5	92	0.0	0.0	22,562.7	2,389.5	230	350
08/07/24	17:17	22,582.9	2,391.7	93	0.0	0.0	22,582.9	2,391.7	230	350
08/07/24	17:18	22,497.3	2,382.6	92	0.0	0.0	22,497.3	2,382.6	229	348
08/07/24	17:19	22,500.9	2,383.0	92	0.0	0.0	22,500.9	2,383.0	229	349
08/07/24	17:20	22,624.0	2,396.0	93	0.0	0.0	22,624.0	2,396.0	231	350
08/07/24	17:21	22,638.8	2,397.6	93	0.0	0.0	22,638.8	2,397.6	231	350
08/07/24	17:22	22,643.8	2,398.1	93	0.0	0.0	22,643.8	2,398.1	231	350

08/07/24	17:23	22,591.3	2,392.6	92	0.0	0.0	22,591.3	2,392.6	230	350
08/07/24	17:24	22,628.8	2,396.5	92	0.0	0.0	22,628.8	2,396.5	231	350
Average		22,576.7	2,391.0	93	0.0	0.0	22,576.7	2,391.0	231	350
Minimum		22,429.7	2,375.4	92	0.0	0.0	22,429.7	2,375.4	228	347
Maximum		22,712.0	2,405.3	93	0.0	0.0	22,712.0	2,405.3	233	353
Summation		5,418,408.7	573,842.0	22,208	0.0	0.0	5,418,408.7	573,842.0	55,360	84,002
Included Data Points		240	240	240	240	240	240	240	240	240
Total Number of Data Points		280	280	280	280	280	280	280	280	280

F = Unit Offline
I = Invalid

E = Exceedance
M = Maintetance

C = Calibration
T = Out Of Control

S = Substituted
* = Suspect

U - Startup
D - Shutdown

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

Plant: Covert Generating Station

Interval: 1 Minute Type: Block

Report Period: 8/8/2024 05:55 Through 8/8/2024 09:04

Time Online Criteria: 1 minute(s)

Source Parameter (Unit)		UNIT03								
		CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
08/08/24	5:55	23,716.1	2,511.7	93	0.0	0.0	23,716.1	2,511.7	246	370
08/08/24	5:56	23,669.1	2,506.7	92	0.0	0.0	23,669.1	2,506.7	246	369
08/08/24	5:57	23,726.8	2,512.8	93	0.0	0.0	23,726.8	2,512.8	246	370
08/08/24	5:58	23,672.7	2,507.1	93	0.0	0.0	23,672.7	2,507.1	246	370
08/08/24	5:59	23,701.5	2,510.1	93	0.0	0.0	23,701.5	2,510.1	246	370
08/08/24	6:00	23,668.4	2,506.6	93	0.0	0.0	23,668.4	2,506.6	246	370
08/08/24	6:01	23,661.5	2,505.9	93	0.0	0.0	23,661.5	2,505.9	246	370
08/08/24	6:02	23,661.5	2,505.9	93	0.0	0.0	23,661.5	2,505.9	246	370
08/08/24	6:03	23,619.0	2,501.4	92	0.0	0.0	23,619.0	2,501.4	246	369
08/08/24	6:04	23,643.4	2,504.0	92	0.0	0.0	23,643.4	2,504.0	246	369
08/08/24	6:05	23,709.5	2,511.0	92	0.0	0.0	23,709.5	2,511.0	246	370
08/08/24	6:06	23,728.7	2,513.0	93	0.0	0.0	23,728.7	2,513.0	246	370
08/08/24	6:07	23,684.9	2,508.4	92	0.0	0.0	23,684.9	2,508.4	246	370
08/08/24	6:08	23,689.5	2,508.9	92	0.0	0.0	23,689.5	2,508.9	246	370
08/08/24	6:09	23,692.5	2,509.2	92	0.0	0.0	23,692.5	2,509.2	246	370
08/08/24	6:10	23,706.0	2,510.6	92	0.0	0.0	23,706.0	2,510.6	246	370
08/08/24	6:11	23,686.7	2,508.6	92	0.0	0.0	23,686.7	2,508.6	246	370
08/08/24	6:12	23,703.0	2,510.3	92	0.0	0.0	23,703.0	2,510.3	246	370
08/08/24	6:13	23,697.5	2,509.7	92	0.0	0.0	23,697.5	2,509.7	246	370
08/08/24	6:14	23,659.2	2,505.7	92	0.0	0.0	23,659.2	2,505.7	246	369
08/08/24	6:15	23,739.7	2,514.2	92	0.0	0.0	23,739.7	2,514.2	246	370
08/08/24	6:16	23,693.4	2,509.3	92	0.0	0.0	23,693.4	2,509.3	246	370
08/08/24	6:17	23,589.9	2,498.3	92	0.0	0.0	23,589.9	2,498.3	246	369
08/08/24	6:18	23,722.3	2,512.3	93	0.0	0.0	23,722.3	2,512.3	246	370
08/08/24	6:19	23,682.7	2,508.1	92	0.0	0.0	23,682.7	2,508.1	246	370
08/08/24	6:20	23,666.6	2,506.4	92	0.0	0.0	23,666.6	2,506.4	246	369
08/08/24	6:21	23,703.0	2,510.3	93	0.0	0.0	23,703.0	2,510.3	246	370
08/08/24	6:22	23,610.9	2,500.5	92	0.0	0.0	23,610.9	2,500.5	246	369
08/08/24	6:23	23,698.8	2,509.8	93	0.0	0.0	23,698.8	2,509.8	246	370
08/08/24	6:24	23,694.9	2,509.4	93	0.0	0.0	23,694.9	2,509.4	246	369
08/08/24	6:25	23,607.6	2,500.2	92	0.0	0.0	23,607.6	2,500.2	246	369
08/08/24	6:26	23,633.7	2,502.9	92	0.0	0.0	23,633.7	2,502.9	246	369
08/08/24	6:27	23,663.7	2,506.1	93	0.0	0.0	23,663.7	2,506.1	246	369
08/08/24	6:28	23,653.8	2,505.1	93	0.0	0.0	23,653.8	2,505.1	246	369
08/08/24	6:29	23,629.0	2,502.5	92	0.0	0.0	23,629.0	2,502.5	245	369
08/08/24	6:30	23,587.6	2,498.1	92	0.0	0.0	23,587.6	2,498.1	245	369
08/08/24	6:31	23,671.8	2,507.0	92	0.0	0.0	23,671.8	2,507.0	246	369
08/08/24	6:32	23,645.3	2,504.2	93	0.0	0.0	23,645.3	2,504.2	246	369
08/08/24	6:33	23,655.4	2,505.2	92	0.0	0.0	23,655.4	2,505.2	245	369
08/08/24	6:34	23,665.6	2,506.3	93	0.0	0.0	23,665.6	2,506.3	246	369
08/08/24	6:35	23,666.5	2,506.4	92	0.0	0.0	23,666.5	2,506.4	246	369
08/08/24	6:36	23,637.8	2,503.4	93	0.0	0.0	23,637.8	2,503.4	246	369
08/08/24	6:37	23,666.3	2,506.4	92	0.0	0.0	23,666.3	2,506.4	246	369
08/08/24	6:38	23,634.5	2,503.0	92	0.0	0.0	23,634.5	2,503.0	246	369
08/08/24	6:39	23,666.7	2,506.4	93	0.0	0.0	23,666.7	2,506.4	246	369
08/08/24	6:40	23,631.3	2,502.7	92	0.0	0.0	23,631.3	2,502.7	246	369
08/08/24	6:41	23,680.4	2,507.9	93	0.0	0.0	23,680.4	2,507.9	246	369
08/08/24	6:42	23,675.7	2,507.4	93	0.0	0.0	23,675.7	2,507.4	246	369
08/08/24	6:43	23,670.6	2,506.9	92	0.0	0.0	23,670.6	2,506.9	246	369
08/08/24	6:44	23,713.3	2,511.4	93	0.0	0.0	23,713.3	2,511.4	246	369
08/08/24	6:45	23,624.3	2,502.0	92	0.0	0.0	23,624.3	2,502.0	246	369
08/08/24	6:46	23,596.3	2,499.0	92	0.0	0.0	23,596.3	2,499.0	245	369
08/08/24	6:47	23,663.6	2,506.1	93	0.0	0.0	23,663.6	2,506.1	246	369
08/08/24	6:48	23,624.5	2,502.0	93	0.0	0.0	23,624.5	2,502.0	246	369
08/08/24	6:49	23,635.6	2,503.2	93	0.0	0.0	23,635.6	2,503.2	246	369
08/08/24	6:50	23,611.4	2,500.6	92	0.0	0.0	23,611.4	2,500.6	246	369
08/08/24	6:51	23,657.9	2,505.5	92	0.0	0.0	23,657.9	2,505.5	245	369
08/08/24	6:52	23,673.6	2,507.2	93	0.0	0.0	23,673.6	2,507.2	246	369
08/08/24	6:53	23,593.8	2,498.7	92	0.0	0.0	23,593.8	2,498.7	245	369
08/08/24	6:54	23,672.0	2,507.0	92	0.0	0.0	23,672.0	2,507.0	246	369
08/08/24	6:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	6:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/08/24	6:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	6:58	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	6:59	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	7:00	23,632.9	2,502.9	93	0.0	0.0	23,632.9	2,502.9	246	369
08/08/24	7:01	23,613.6	2,500.8	92	0.0	0.0	23,613.6	2,500.8	246	369
08/08/24	7:02	23,641.8	2,503.8	92	0.0	0.0	23,641.8	2,503.8	245	369
08/08/24	7:03	23,586.7	2,498.0	93	0.0	0.0	23,586.7	2,498.0	246	369
08/08/24	7:04	23,588.1	2,498.1	92	0.0	0.0	23,588.1	2,498.1	245	368
08/08/24	7:05	23,583.2	2,497.6	93	0.0	0.0	23,583.2	2,497.6	246	369
08/08/24	7:06	23,567.2	2,495.9	92	0.0	0.0	23,567.2	2,495.9	245	369
08/08/24	7:07	23,575.1	2,496.7	92	0.0	0.0	23,575.1	2,496.7	245	369
08/08/24	7:08	23,590.4	2,498.4	92	0.0	0.0	23,590.4	2,498.4	245	368
08/08/24	7:09	23,642.0	2,503.8	93	0.0	0.0	23,642.0	2,503.8	246	369
08/08/24	7:10	23,609.2	2,500.4	92	0.0	0.0	23,609.2	2,500.4	245	369
08/08/24	7:11	23,633.6	2,502.9	93	0.0	0.0	23,633.6	2,502.9	246	369
08/08/24	7:12	23,572.4	2,496.5	92	0.0	0.0	23,572.4	2,496.5	245	369
08/08/24	7:13	23,598.0	2,499.2	92	0.0	0.0	23,598.0	2,499.2	245	369
08/08/24	7:14	23,608.8	2,500.3	93	0.0	0.0	23,608.8	2,500.3	245	369
08/08/24	7:15	23,524.0	2,491.3	92	0.0	0.0	23,524.0	2,491.3	245	368
08/08/24	7:16	23,562.2	2,495.4	92	0.0	0.0	23,562.2	2,495.4	245	368
08/08/24	7:17	23,609.8	2,500.4	93	0.0	0.0	23,609.8	2,500.4	245	368
08/08/24	7:18	23,534.3	2,492.4	92	0.0	0.0	23,534.3	2,492.4	245	368
08/08/24	7:19	23,614.8	2,501.0	93	0.0	0.0	23,614.8	2,501.0	245	368
08/08/24	7:20	23,554.7	2,494.6	92	0.0	0.0	23,554.7	2,494.6	244	368
08/08/24	7:21	23,553.3	2,494.4	93	0.0	0.0	23,553.3	2,494.4	245	368
08/08/24	7:22	23,582.8	2,497.6	93	0.0	0.0	23,582.8	2,497.6	245	368
08/08/24	7:23	23,488.6	2,487.6	92	0.0	0.0	23,488.6	2,487.6	244	368
08/08/24	7:24	23,557.6	2,494.9	93	0.0	0.0	23,557.6	2,494.9	245	368
08/08/24	7:25	23,512.2	2,490.1	92	0.0	0.0	23,512.2	2,490.1	244	367
08/08/24	7:26	23,535.6	2,492.6	92	0.0	0.0	23,535.6	2,492.6	244	367
08/08/24	7:27	23,535.3	2,492.5	93	0.0	0.0	23,535.3	2,492.5	244	368
08/08/24	7:28	23,515.7	2,490.5	92	0.0	0.0	23,515.7	2,490.5	244	367
08/08/24	7:29	23,474.9	2,486.1	92	0.0	0.0	23,474.9	2,486.1	244	367
08/08/24	7:30	23,505.1	2,489.3	92	0.0	0.0	23,505.1	2,489.3	244	367
08/08/24	7:31	23,482.9	2,487.0	92	0.0	0.0	23,482.9	2,487.0	244	367
08/08/24	7:32	23,464.2	2,485.0	92	0.0	0.0	23,464.2	2,485.0	244	367
08/08/24	7:33	23,467.2	2,485.3	92	0.0	0.0	23,467.2	2,485.3	244	367
08/08/24	7:34	23,452.5	2,483.8	92	0.0	0.0	23,452.5	2,483.8	244	367
08/08/24	7:35	23,531.4	2,492.1	92	0.0	0.0	23,531.4	2,492.1	244	367
08/08/24	7:36	23,455.2	2,484.1	92	0.0	0.0	23,455.2	2,484.1	244	367
08/08/24	7:37	23,452.6	2,483.8	92	0.0	0.0	23,452.6	2,483.8	244	367
08/08/24	7:38	23,481.1	2,486.8	92	0.0	0.0	23,481.1	2,486.8	244	367
08/08/24	7:39	23,440.5	2,482.5	92	0.0	0.0	23,440.5	2,482.5	243	366
08/08/24	7:40	23,510.1	2,489.9	93	0.0	0.0	23,510.1	2,489.9	244	367
08/08/24	7:41	23,415.9	2,479.9	92	0.0	0.0	23,415.9	2,479.9	243	366
08/08/24	7:42	23,437.1	2,482.1	92	0.0	0.0	23,437.1	2,482.1	243	366
08/08/24	7:43	23,463.6	2,484.9	92	0.0	0.0	23,463.6	2,484.9	243	366
08/08/24	7:44	23,429.4	2,481.3	92	0.0	0.0	23,429.4	2,481.3	243	366
08/08/24	7:45	23,458.7	2,484.4	93	0.0	0.0	23,458.7	2,484.4	243	366
08/08/24	7:46	23,451.6	2,483.7	93	0.0	0.0	23,451.6	2,483.7	243	366
08/08/24	7:47	23,383.8	2,476.5	92	0.0	0.0	23,383.8	2,476.5	243	366
08/08/24	7:48	23,398.0	2,478.0	92	0.0	0.0	23,398.0	2,478.0	243	366
08/08/24	7:49	23,410.6	2,479.3	93	0.0	0.0	23,410.6	2,479.3	243	366
08/08/24	7:50	23,414.5	2,479.7	92	0.0	0.0	23,414.5	2,479.7	243	365
08/08/24	7:51	23,434.0	2,481.8	93	0.0	0.0	23,434.0	2,481.8	243	366
08/08/24	7:52	23,373.3	2,475.4	92	0.0	0.0	23,373.3	2,475.4	242	365
08/08/24	7:53	23,440.8	2,482.5	93	0.0	0.0	23,440.8	2,482.5	243	365
08/08/24	7:54	23,375.8	2,475.6	92	0.0	0.0	23,375.8	2,475.6	242	365
08/08/24	7:55	23,366.2	2,474.6	92	0.0	0.0	23,366.2	2,474.6	242	365
08/08/24	7:56	23,386.6	2,476.8	93	0.0	0.0	23,386.6	2,476.8	243	365
08/08/24	7:57	23,357.1	2,473.7	92	0.0	0.0	23,357.1	2,473.7	242	365
08/08/24	7:58	23,384.4	2,476.5	92	0.0	0.0	23,384.4	2,476.5	242	364
08/08/24	7:59	23,389.1	2,477.0	92	0.0	0.0	23,389.1	2,477.0	242	364
08/08/24	8:00	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:01	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:02	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:03	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:04	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:05	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:06	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:07	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/08/24	8:08	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:09	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:10	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:11	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:12	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:13	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:14	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	8:15	23,179.9	2,454.9	92	0.0	0.0	23,179.9	2,454.9	239	361
08/08/24	8:16	23,218.6	2,459.0	92	0.0	0.0	23,218.6	2,459.0	240	361
08/08/24	8:17	23,222.6	2,459.4	92	0.0	0.0	23,222.6	2,459.4	240	362
08/08/24	8:18	23,207.0	2,457.8	92	0.0	0.0	23,207.0	2,457.8	240	362
08/08/24	8:19	23,184.1	2,455.3	92	0.0	0.0	23,184.1	2,455.3	240	362
08/08/24	8:20	23,197.0	2,456.7	92	0.0	0.0	23,197.0	2,456.7	240	361
08/08/24	8:21	23,165.7	2,453.4	92	0.0	0.0	23,165.7	2,453.4	240	362
08/08/24	8:22	23,181.3	2,455.0	92	0.0	0.0	23,181.3	2,455.0	240	361
08/08/24	8:23	23,146.1	2,451.3	92	0.0	0.0	23,146.1	2,451.3	240	361
08/08/24	8:24	23,148.4	2,451.6	92	0.0	0.0	23,148.4	2,451.6	240	361
08/08/24	8:25	23,139.9	2,450.7	92	0.0	0.0	23,139.9	2,450.7	239	361
08/08/24	8:26	23,125.5	2,449.1	92	0.0	0.0	23,125.5	2,449.1	239	361
08/08/24	8:27	23,148.3	2,451.5	92	0.0	0.0	23,148.3	2,451.5	239	361
08/08/24	8:28	23,121.9	2,448.7	92	0.0	0.0	23,121.9	2,448.7	239	361
08/08/24	8:29	23,131.8	2,449.8	92	0.0	0.0	23,131.8	2,449.8	239	361
08/08/24	8:30	23,148.8	2,451.6	92	0.0	0.0	23,148.8	2,451.6	239	361
08/08/24	8:31	23,080.9	2,444.4	92	0.0	0.0	23,080.9	2,444.4	239	360
08/08/24	8:32	23,088.4	2,445.2	92	0.0	0.0	23,088.4	2,445.2	239	360
08/08/24	8:33	23,121.3	2,448.7	92	0.0	0.0	23,121.3	2,448.7	239	361
08/08/24	8:34	23,082.9	2,444.6	92	0.0	0.0	23,082.9	2,444.6	238	360
08/08/24	8:35	23,117.2	2,448.2	92	0.0	0.0	23,117.2	2,448.2	239	360
08/08/24	8:36	23,135.4	2,450.2	92	0.0	0.0	23,135.4	2,450.2	239	360
08/08/24	8:37	23,063.9	2,442.6	92	0.0	0.0	23,063.9	2,442.6	238	360
08/08/24	8:38	23,086.8	2,445.0	92	0.0	0.0	23,086.8	2,445.0	238	360
08/08/24	8:39	23,054.2	2,441.6	92	0.0	0.0	23,054.2	2,441.6	239	360
08/08/24	8:40	23,041.4	2,440.2	92	0.0	0.0	23,041.4	2,440.2	239	360
08/08/24	8:41	23,061.6	2,442.4	92	0.0	0.0	23,061.6	2,442.4	239	360
08/08/24	8:42	22,989.7	2,434.8	92	0.0	0.0	22,989.7	2,434.8	238	359
08/08/24	8:43	23,007.6	2,436.6	92	0.0	0.0	23,007.6	2,436.6	238	359
08/08/24	8:44	23,033.1	2,439.3	92	0.0	0.0	23,033.1	2,439.3	238	359
08/08/24	8:45	22,957.3	2,431.3	92	0.0	0.0	22,957.3	2,431.3	237	358
08/08/24	8:46	22,991.6	2,434.9	92	0.0	0.0	22,991.6	2,434.9	238	359
08/08/24	8:47	22,993.8	2,435.2	92	0.0	0.0	22,993.8	2,435.2	238	359
08/08/24	8:48	22,997.8	2,435.6	92	0.0	0.0	22,997.8	2,435.6	238	359
08/08/24	8:49	23,022.4	2,438.2	92	0.0	0.0	23,022.4	2,438.2	238	359
08/08/24	8:50	23,031.7	2,439.2	92	0.0	0.0	23,031.7	2,439.2	238	359
08/08/24	8:51	23,007.8	2,436.7	92	0.0	0.0	23,007.8	2,436.7	238	359
08/08/24	8:52	23,016.0	2,437.5	92	0.0	0.0	23,016.0	2,437.5	238	359
08/08/24	8:53	22,998.9	2,435.7	92	0.0	0.0	22,998.9	2,435.7	238	359
08/08/24	8:54	23,001.8	2,436.0	92	0.0	0.0	23,001.8	2,436.0	237	358
08/08/24	8:55	22,972.4	2,432.9	92	0.0	0.0	22,972.4	2,432.9	237	358
08/08/24	8:56	22,938.2	2,429.3	92	0.0	0.0	22,938.2	2,429.3	237	358
08/08/24	8:57	22,871.6	2,422.2	92	0.0	0.0	22,871.6	2,422.2	237	358
08/08/24	8:58	22,942.4	2,429.7	92	0.0	0.0	22,942.4	2,429.7	237	358
08/08/24	8:59	22,900.2	2,425.3	92	0.0	0.0	22,900.2	2,425.3	236	357
08/08/24	9:00	22,911.3	2,426.4	92	0.0	0.0	22,911.3	2,426.4	236	357
08/08/24	9:01	22,892.3	2,424.4	92	0.0	0.0	22,892.3	2,424.4	236	357
08/08/24	9:02	22,923.4	2,427.7	92	0.0	0.0	22,923.4	2,427.7	236	357
08/08/24	9:03	22,941.1	2,429.6	93	0.0	0.0	22,941.1	2,429.6	237	358
08/08/24	9:04	22,895.7	2,424.8	92	0.0	0.0	22,895.7	2,424.8	236	357
Average		23,429.2	2,481.3	92	0.0	0.0	23,429.2	2,481.3	243	366
Minimum		22,871.6	2,422.2	92	0.0	0.0	22,871.6	2,422.2	236	357
Maximum		23,739.7	2,514.2	93	0.0	0.0	23,739.7	2,514.2	246	370
Summation		3,982,960.1	421,819.4	15,709	0.0	0.0	3,982,960.1	421,819.4	41,304	62,167
Included Data Points		170	170	170	170	170	170	170	170	170
Total Number of Data Points		190	190	190	190	190	190	190	190	190

F = Unit Offline
I = Invalid

E = Exceedance
M = Maintentance

C = Calibration
T = Out Of Control

S = Substituted
* = Suspect

U - Startup
D - Shutdown

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

Plant: Covert Generating Station
Interval: 1 Minute Type: Block
Report Period: 8/8/2024 11:45 Through 8/8/2024 16:09
Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT03								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
08/08/24 11:45	22,725.0	2,406.7	92	0.0	0.0	22,725.0	2,406.7	234	354
08/08/24 11:46	22,723.9	2,406.6	93	0.0	0.0	22,723.9	2,406.6	234	354
08/08/24 11:47	22,669.9	2,400.9	92	0.0	0.0	22,669.9	2,400.9	233	353
08/08/24 11:48	22,679.7	2,401.9	92	0.0	0.0	22,679.7	2,401.9	233	353
08/08/24 11:49	22,660.2	2,399.8	92	0.0	0.0	22,660.2	2,399.8	233	353
08/08/24 11:50	22,621.6	2,395.8	92	0.0	0.0	22,621.6	2,395.8	233	353
08/08/24 11:51	22,669.3	2,400.8	92	0.0	0.0	22,669.3	2,400.8	233	353
08/08/24 11:52	22,682.4	2,402.2	92	0.0	0.0	22,682.4	2,402.2	234	354
08/08/24 11:53	22,739.1	2,408.2	92	0.0	0.0	22,739.1	2,408.2	234	354
08/08/24 11:54	22,737.0	2,408.0	92	0.0	0.0	22,737.0	2,408.0	234	354
08/08/24 11:55	22,717.9	2,406.0	92	0.0	0.0	22,717.9	2,406.0	233	354
08/08/24 11:56	22,714.5	2,405.6	92	0.0	0.0	22,714.5	2,405.6	233	354
08/08/24 11:57	22,698.5	2,403.9	92	0.0	0.0	22,698.5	2,403.9	233	354
08/08/24 11:58	22,730.1	2,407.3	93	0.0	0.0	22,730.1	2,407.3	234	354
08/08/24 11:59	22,691.8	2,403.2	92	0.0	0.0	22,691.8	2,403.2	233	353
08/08/24 12:00	22,655.5	2,399.4	92	0.0	0.0	22,655.5	2,399.4	233	354
08/08/24 12:01	22,657.7	2,399.6	92	0.0	0.0	22,657.7	2,399.6	233	354
08/08/24 12:02	22,699.3	2,404.0	92	0.0	0.0	22,699.3	2,404.0	234	354
08/08/24 12:03	22,696.5	2,403.7	92	0.0	0.0	22,696.5	2,403.7	234	354
08/08/24 12:04	22,700.1	2,404.1	92	0.0	0.0	22,700.1	2,404.1	234	354
08/08/24 12:05	22,693.5	2,403.4	93	0.0	0.0	22,693.5	2,403.4	234	354
08/08/24 12:06	22,612.7	2,394.8	92	0.0	0.0	22,612.7	2,394.8	233	353
08/08/24 12:07	22,671.0	2,401.0	92	0.0	0.0	22,671.0	2,401.0	233	353
08/08/24 12:08	22,725.5	2,406.8	93	0.0	0.0	22,725.5	2,406.8	233	354
08/08/24 12:09	22,614.1	2,395.0	92	0.0	0.0	22,614.1	2,395.0	232	353
08/08/24 12:10	22,579.9	2,391.3	92	0.0	0.0	22,579.9	2,391.3	232	352
08/08/24 12:11	22,671.5	2,401.1	92	0.0	0.0	22,671.5	2,401.1	233	353
08/08/24 12:12	22,701.4	2,404.2	93	0.0	0.0	22,701.4	2,404.2	233	353
08/08/24 12:13	22,682.7	2,402.2	93	0.0	0.0	22,682.7	2,402.2	233	353
08/08/24 12:14	22,685.7	2,402.6	92	0.0	0.0	22,685.7	2,402.6	233	353
08/08/24 12:15	22,609.5	2,394.5	92	0.0	0.0	22,609.5	2,394.5	233	353
08/08/24 12:16	22,723.9	2,406.6	93	0.0	0.0	22,723.9	2,406.6	233	353
08/08/24 12:17	22,632.1	2,396.9	92	0.0	0.0	22,632.1	2,396.9	233	353
08/08/24 12:18	22,703.6	2,404.4	92	0.0	0.0	22,703.6	2,404.4	234	354
08/08/24 12:19	22,723.7	2,406.6	92	0.0	0.0	22,723.7	2,406.6	234	354
08/08/24 12:20	22,709.6	2,405.1	92	0.0	0.0	22,709.6	2,405.1	233	353
08/08/24 12:21	22,644.6	2,398.2	92	0.0	0.0	22,644.6	2,398.2	233	353
08/08/24 12:22	22,711.2	2,405.2	93	0.0	0.0	22,711.2	2,405.2	234	354
08/08/24 12:23	22,643.0	2,398.0	92	0.0	0.0	22,643.0	2,398.0	233	353
08/08/24 12:24	22,681.9	2,402.1	92	0.0	0.0	22,681.9	2,402.1	233	353
08/08/24 12:25	22,689.4	2,402.9	92	0.0	0.0	22,689.4	2,402.9	233	354
08/08/24 12:26	22,669.3	2,400.8	93	0.0	0.0	22,669.3	2,400.8	233	354
08/08/24 12:27	22,645.3	2,398.3	92	0.0	0.0	22,645.3	2,398.3	233	353
08/08/24 12:28	22,703.1	2,404.4	93	0.0	0.0	22,703.1	2,404.4	233	353
08/08/24 12:29	22,693.3	2,403.4	92	0.0	0.0	22,693.3	2,403.4	233	353
08/08/24 12:30	22,711.6	2,405.3	93	0.0	0.0	22,711.6	2,405.3	234	354
08/08/24 12:31	22,707.3	2,404.8	92	0.0	0.0	22,707.3	2,404.8	233	353
08/08/24 12:32	22,658.4	2,399.7	92	0.0	0.0	22,658.4	2,399.7	233	353
08/08/24 12:33	22,710.1	2,405.1	92	0.0	0.0	22,710.1	2,405.1	233	354
08/08/24 12:34	22,709.6	2,405.1	92	0.0	0.0	22,709.6	2,405.1	234	354
08/08/24 12:35	22,716.9	2,405.9	93	0.0	0.0	22,716.9	2,405.9	234	354
08/08/24 12:36	22,679.7	2,401.9	92	0.0	0.0	22,679.7	2,401.9	233	353
08/08/24 12:37	22,708.7	2,405.0	92	0.0	0.0	22,708.7	2,405.0	234	354
08/08/24 12:38	22,733.3	2,407.6	92	0.0	0.0	22,733.3	2,407.6	234	354
08/08/24 12:39	22,732.9	2,407.6	92	0.0	0.0	22,732.9	2,407.6	234	354
08/08/24 12:40	22,703.3	2,404.4	92	0.0	0.0	22,703.3	2,404.4	234	354
08/08/24 12:41	22,764.8	2,410.9	92	0.0	0.0	22,764.8	2,410.9	234	354
08/08/24 12:42	22,715.4	2,405.7	92	0.0	0.0	22,715.4	2,405.7	234	354
08/08/24 12:43	22,715.9	2,405.7	92	0.0	0.0	22,715.9	2,405.7	234	354
08/08/24 12:44	22,743.5	2,408.7	92	0.0	0.0	22,743.5	2,408.7	233	354
08/08/24 12:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24 12:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/08/24	12:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	12:48	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	12:49	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	12:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	12:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	12:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	12:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	12:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	12:55	22,660.2	2,399.9	92	0.0	0.0	22,660.2	2,399.9	232	352
08/08/24	12:56	22,676.7	2,401.6	92	0.0	0.0	22,676.7	2,401.6	233	353
08/08/24	12:57	22,655.4	2,399.3	92	0.0	0.0	22,655.4	2,399.3	233	353
08/08/24	12:58	22,675.0	2,401.4	92	0.0	0.0	22,675.0	2,401.4	233	353
08/08/24	12:59	22,681.8	2,402.1	92	0.0	0.0	22,681.8	2,402.1	233	353
08/08/24	13:00	22,637.7	2,397.5	92	0.0	0.0	22,637.7	2,397.5	233	353
08/08/24	13:01	22,681.1	2,402.1	92	0.0	0.0	22,681.1	2,402.1	233	353
08/08/24	13:02	22,642.3	2,398.0	92	0.0	0.0	22,642.3	2,398.0	232	352
08/08/24	13:03	22,581.2	2,391.5	92	0.0	0.0	22,581.2	2,391.5	232	352
08/08/24	13:04	22,635.6	2,397.2	92	0.0	0.0	22,635.6	2,397.2	232	352
08/08/24	13:05	22,605.3	2,394.0	92	0.0	0.0	22,605.3	2,394.0	232	352
08/08/24	13:06	22,590.7	2,392.5	92	0.0	0.0	22,590.7	2,392.5	232	352
08/08/24	13:07	22,637.9	2,397.5	92	0.0	0.0	22,637.9	2,397.5	232	352
08/08/24	13:08	22,646.2	2,398.4	92	0.0	0.0	22,646.2	2,398.4	232	352
08/08/24	13:09	22,599.8	2,393.4	92	0.0	0.0	22,599.8	2,393.4	232	352
08/08/24	13:10	22,588.6	2,392.3	92	0.0	0.0	22,588.6	2,392.3	232	352
08/08/24	13:11	22,638.3	2,397.5	92	0.0	0.0	22,638.3	2,397.5	232	352
08/08/24	13:12	22,603.3	2,393.8	92	0.0	0.0	22,603.3	2,393.8	232	352
08/08/24	13:13	22,655.2	2,399.3	92	0.0	0.0	22,655.2	2,399.3	232	352
08/08/24	13:14	22,662.4	2,400.1	92	0.0	0.0	22,662.4	2,400.1	232	352
08/08/24	13:15	22,670.7	2,401.0	92	0.0	0.0	22,670.7	2,401.0	232	352
08/08/24	13:16	22,687.4	2,402.7	92	0.0	0.0	22,687.4	2,402.7	233	353
08/08/24	13:17	22,664.6	2,400.3	92	0.0	0.0	22,664.6	2,400.3	233	353
08/08/24	13:18	22,712.8	2,405.4	92	0.0	0.0	22,712.8	2,405.4	233	353
08/08/24	13:19	22,714.6	2,405.6	92	0.0	0.0	22,714.6	2,405.6	233	353
08/08/24	13:20	22,697.5	2,403.8	92	0.0	0.0	22,697.5	2,403.8	233	353
08/08/24	13:21	22,733.0	2,407.6	92	0.0	0.0	22,733.0	2,407.6	233	353
08/08/24	13:22	22,683.3	2,402.3	92	0.0	0.0	22,683.3	2,402.3	233	353
08/08/24	13:23	22,682.2	2,402.2	92	0.0	0.0	22,682.2	2,402.2	233	353
08/08/24	13:24	22,709.0	2,405.0	92	0.0	0.0	22,709.0	2,405.0	233	353
08/08/24	13:25	22,687.7	2,402.8	92	0.0	0.0	22,687.7	2,402.8	233	353
08/08/24	13:26	22,801.3	2,414.8	92	0.0	0.0	22,801.3	2,414.8	234	354
08/08/24	13:27	22,750.8	2,409.4	92	0.0	0.0	22,750.8	2,409.4	234	354
08/08/24	13:28	22,769.2	2,411.4	92	0.0	0.0	22,769.2	2,411.4	233	353
08/08/24	13:29	22,679.6	2,401.9	92	0.0	0.0	22,679.6	2,401.9	233	353
08/08/24	13:30	22,725.9	2,406.8	92	0.0	0.0	22,725.9	2,406.8	234	354
08/08/24	13:31	22,727.1	2,406.9	92	0.0	0.0	22,727.1	2,406.9	234	354
08/08/24	13:32	22,670.8	2,401.0	92	0.0	0.0	22,670.8	2,401.0	233	353
08/08/24	13:33	22,673.2	2,401.2	92	0.0	0.0	22,673.2	2,401.2	233	353
08/08/24	13:34	22,696.3	2,403.7	92	0.0	0.0	22,696.3	2,403.7	233	353
08/08/24	13:35	22,679.1	2,401.9	92	0.0	0.0	22,679.1	2,401.9	233	353
08/08/24	13:36	22,668.4	2,400.7	92	0.0	0.0	22,668.4	2,400.7	233	353
08/08/24	13:37	22,597.6	2,393.2	92	0.0	0.0	22,597.6	2,393.2	232	352
08/08/24	13:38	22,684.5	2,402.4	92	0.0	0.0	22,684.5	2,402.4	233	353
08/08/24	13:39	22,735.4	2,407.8	92	0.0	0.0	22,735.4	2,407.8	233	353
08/08/24	13:40	22,612.4	2,394.8	92	0.0	0.0	22,612.4	2,394.8	232	352
08/08/24	13:41	22,674.5	2,401.4	92	0.0	0.0	22,674.5	2,401.4	233	353
08/08/24	13:42	22,582.4	2,391.6	92	0.0	0.0	22,582.4	2,391.6	232	352
08/08/24	13:43	22,704.4	2,404.5	92	0.0	0.0	22,704.4	2,404.5	233	353
08/08/24	13:44	22,657.5	2,399.6	92	0.0	0.0	22,657.5	2,399.6	233	353
08/08/24	13:45	22,692.7	2,403.3	92	0.0	0.0	22,692.7	2,403.3	233	353
08/08/24	13:46	22,623.0	2,395.9	92	0.0	0.0	22,623.0	2,395.9	232	352
08/08/24	13:47	22,625.8	2,396.2	92	0.0	0.0	22,625.8	2,396.2	232	352
08/08/24	13:48	22,621.3	2,395.7	92	0.0	0.0	22,621.3	2,395.7	232	352
08/08/24	13:49	22,642.8	2,398.0	93	0.0	0.0	22,642.8	2,398.0	233	352
08/08/24	13:50	22,609.6	2,394.5	92	0.0	0.0	22,609.6	2,394.5	232	352
08/08/24	13:51	22,655.1	2,399.3	92	0.0	0.0	22,655.1	2,399.3	233	352
08/08/24	13:52	22,612.2	2,394.8	92	0.0	0.0	22,612.2	2,394.8	232	352
08/08/24	13:53	22,586.7	2,392.1	92	0.0	0.0	22,586.7	2,392.1	232	352
08/08/24	13:54	22,693.6	2,403.4	93	0.0	0.0	22,693.6	2,403.4	233	353
08/08/24	13:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	13:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	13:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	13:58	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	13:59	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/08/24	14:00	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	14:01	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	14:02	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	14:03	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	14:04	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	14:05	22,674.0	2,401.3	92	0.0	0.0	22,674.0	2,401.3	233	352
08/08/24	14:06	22,666.4	2,400.5	92	0.0	0.0	22,666.4	2,400.5	232	352
08/08/24	14:07	22,604.1	2,393.9	92	0.0	0.0	22,604.1	2,393.9	232	352
08/08/24	14:08	22,658.1	2,399.6	92	0.0	0.0	22,658.1	2,399.6	232	352
08/08/24	14:09	22,672.6	2,401.2	92	0.0	0.0	22,672.6	2,401.2	233	353
08/08/24	14:10	22,681.3	2,402.1	92	0.0	0.0	22,681.3	2,402.1	233	352
08/08/24	14:11	22,643.9	2,398.1	92	0.0	0.0	22,643.9	2,398.1	233	353
08/08/24	14:12	22,682.0	2,402.2	92	0.0	0.0	22,682.0	2,402.2	233	352
08/08/24	14:13	22,676.7	2,401.6	92	0.0	0.0	22,676.7	2,401.6	232	352
08/08/24	14:14	22,602.2	2,393.7	92	0.0	0.0	22,602.2	2,393.7	232	352
08/08/24	14:15	22,641.4	2,397.9	92	0.0	0.0	22,641.4	2,397.9	233	352
08/08/24	14:16	22,646.2	2,398.4	93	0.0	0.0	22,646.2	2,398.4	233	352
08/08/24	14:17	22,570.5	2,390.4	92	0.0	0.0	22,570.5	2,390.4	232	352
08/08/24	14:18	22,718.3	2,406.0	92	0.0	0.0	22,718.3	2,406.0	233	352
08/08/24	14:19	22,661.0	2,399.9	92	0.0	0.0	22,661.0	2,399.9	232	352
08/08/24	14:20	22,624.4	2,396.1	92	0.0	0.0	22,624.4	2,396.1	232	352
08/08/24	14:21	22,619.5	2,395.5	92	0.0	0.0	22,619.5	2,395.5	232	352
08/08/24	14:22	22,632.6	2,396.9	92	0.0	0.0	22,632.6	2,396.9	233	352
08/08/24	14:23	22,628.2	2,396.5	92	0.0	0.0	22,628.2	2,396.5	233	353
08/08/24	14:24	22,703.7	2,404.5	93	0.0	0.0	22,703.7	2,404.5	233	353
08/08/24	14:25	22,666.6	2,400.5	92	0.0	0.0	22,666.6	2,400.5	233	353
08/08/24	14:26	22,706.0	2,404.7	92	0.0	0.0	22,706.0	2,404.7	233	353
08/08/24	14:27	22,687.6	2,402.8	92	0.0	0.0	22,687.6	2,402.8	233	353
08/08/24	14:28	22,697.3	2,403.8	92	0.0	0.0	22,697.3	2,403.8	233	353
08/08/24	14:29	22,710.4	2,405.2	92	0.0	0.0	22,710.4	2,405.2	233	353
08/08/24	14:30	22,697.5	2,403.8	92	0.0	0.0	22,697.5	2,403.8	233	353
08/08/24	14:31	22,710.6	2,405.2	92	0.0	0.0	22,710.6	2,405.2	233	353
08/08/24	14:32	22,712.2	2,405.4	92	0.0	0.0	22,712.2	2,405.4	233	353
08/08/24	14:33	22,636.2	2,397.3	92	0.0	0.0	22,636.2	2,397.3	232	352
08/08/24	14:34	22,622.2	2,395.8	92	0.0	0.0	22,622.2	2,395.8	232	352
08/08/24	14:35	22,634.7	2,397.1	92	0.0	0.0	22,634.7	2,397.1	232	352
08/08/24	14:36	22,651.8	2,399.0	92	0.0	0.0	22,651.8	2,399.0	232	352
08/08/24	14:37	22,629.2	2,396.6	92	0.0	0.0	22,629.2	2,396.6	232	352
08/08/24	14:38	22,647.3	2,398.5	92	0.0	0.0	22,647.3	2,398.5	233	352
08/08/24	14:39	22,689.1	2,402.9	92	0.0	0.0	22,689.1	2,402.9	233	352
08/08/24	14:40	22,688.2	2,402.8	92	0.0	0.0	22,688.2	2,402.8	233	352
08/08/24	14:41	22,634.4	2,397.1	92	0.0	0.0	22,634.4	2,397.1	232	352
08/08/24	14:42	22,637.7	2,397.5	92	0.0	0.0	22,637.7	2,397.5	232	352
08/08/24	14:43	22,690.4	2,403.1	92	0.0	0.0	22,690.4	2,403.1	233	353
08/08/24	14:44	22,700.6	2,404.1	92	0.0	0.0	22,700.6	2,404.1	233	353
08/08/24	14:45	22,652.9	2,399.1	92	0.0	0.0	22,652.9	2,399.1	233	352
08/08/24	14:46	22,648.9	2,398.6	92	0.0	0.0	22,648.9	2,398.6	232	352
08/08/24	14:47	22,687.9	2,402.8	92	0.0	0.0	22,687.9	2,402.8	233	352
08/08/24	14:48	22,667.4	2,400.6	92	0.0	0.0	22,667.4	2,400.6	233	352
08/08/24	14:49	22,738.2	2,408.1	92	0.0	0.0	22,738.2	2,408.1	233	353
08/08/24	14:50	22,726.1	2,406.8	92	0.0	0.0	22,726.1	2,406.8	233	352
08/08/24	14:51	22,623.1	2,395.9	92	0.0	0.0	22,623.1	2,395.9	232	352
08/08/24	14:52	22,629.4	2,396.6	92	0.0	0.0	22,629.4	2,396.6	232	352
08/08/24	14:53	22,641.5	2,397.9	92	0.0	0.0	22,641.5	2,397.9	232	352
08/08/24	14:54	22,739.9	2,408.3	92	0.0	0.0	22,739.9	2,408.3	233	352
08/08/24	14:55	22,659.0	2,399.7	92	0.0	0.0	22,659.0	2,399.7	232	352
08/08/24	14:56	22,739.0	2,408.2	92	0.0	0.0	22,739.0	2,408.2	234	353
08/08/24	14:57	22,687.2	2,402.7	92	0.0	0.0	22,687.2	2,402.7	233	352
08/08/24	14:58	22,693.0	2,403.3	92	0.0	0.0	22,693.0	2,403.3	233	353
08/08/24	14:59	22,780.7	2,412.6	92	0.0	0.0	22,780.7	2,412.6	234	353
08/08/24	15:00	22,768.8	2,411.4	92	0.0	0.0	22,768.8	2,411.4	233	353
08/08/24	15:01	22,745.4	2,408.9	92	0.0	0.0	22,745.4	2,408.9	234	353
08/08/24	15:02	22,685.5	2,402.5	92	0.0	0.0	22,685.5	2,402.5	233	352
08/08/24	15:03	22,727.5	2,407.0	92	0.0	0.0	22,727.5	2,407.0	233	352
08/08/24	15:04	22,639.9	2,397.7	92	0.0	0.0	22,639.9	2,397.7	233	352
08/08/24	15:05	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	15:06	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	15:07	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	15:08	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	15:09	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/08/24	15:10	22,675.4	2,401.5	92	0.0	0.0	22,675.4	2,401.5	233	352
08/08/24	15:11	22,713.9	2,405.5	92	0.0	0.0	22,713.9	2,405.5	233	352
08/08/24	15:12	22,694.3	2,403.5	92	0.0	0.0	22,694.3	2,403.5	233	353
08/08/24	15:13	22,744.2	2,408.7	92	0.0	0.0	22,744.2	2,408.7	234	353

08/08/24	15:14	22,764.4	2,410.9	92	0.0	0.0	22,764.4	2,410.9	234	353
08/08/24	15:15	22,728.1	2,407.0	92	0.0	0.0	22,728.1	2,407.0	233	352
08/08/24	15:16	22,667.4	2,400.6	92	0.0	0.0	22,667.4	2,400.6	232	352
08/08/24	15:17	22,680.5	2,402.0	92	0.0	0.0	22,680.5	2,402.0	232	352
08/08/24	15:18	22,643.4	2,398.1	92	0.0	0.0	22,643.4	2,398.1	232	351
08/08/24	15:19	22,614.2	2,395.0	92	0.0	0.0	22,614.2	2,395.0	232	351
08/08/24	15:20	22,596.9	2,393.1	92	0.0	0.0	22,596.9	2,393.1	232	352
08/08/24	15:21	22,676.9	2,401.6	92	0.0	0.0	22,676.9	2,401.6	233	352
08/08/24	15:22	22,710.1	2,405.1	92	0.0	0.0	22,710.1	2,405.1	233	352
08/08/24	15:23	22,633.7	2,397.0	92	0.0	0.0	22,633.7	2,397.0	232	351
08/08/24	15:24	22,649.8	2,398.8	92	0.0	0.0	22,649.8	2,398.8	232	351
08/08/24	15:25	22,683.0	2,402.3	92	0.0	0.0	22,683.0	2,402.3	233	352
08/08/24	15:26	22,648.6	2,398.6	92	0.0	0.0	22,648.6	2,398.6	232	352
08/08/24	15:27	22,722.9	2,406.5	92	0.0	0.0	22,722.9	2,406.5	233	352
08/08/24	15:28	22,615.3	2,395.1	92	0.0	0.0	22,615.3	2,395.1	232	352
08/08/24	15:29	22,604.9	2,394.0	92	0.0	0.0	22,604.9	2,394.0	233	352
08/08/24	15:30	22,671.5	2,401.1	92	0.0	0.0	22,671.5	2,401.1	233	352
08/08/24	15:31	22,686.6	2,402.6	92	0.0	0.0	22,686.6	2,402.6	233	352
08/08/24	15:32	22,726.9	2,406.9	92	0.0	0.0	22,726.9	2,406.9	233	352
08/08/24	15:33	22,694.9	2,403.5	92	0.0	0.0	22,694.9	2,403.5	233	352
08/08/24	15:34	22,704.3	2,404.5	92	0.0	0.0	22,704.3	2,404.5	233	353
08/08/24	15:35	22,702.2	2,404.3	92	0.0	0.0	22,702.2	2,404.3	233	353
08/08/24	15:36	22,781.1	2,412.7	92	0.0	0.0	22,781.1	2,412.7	234	353
08/08/24	15:37	22,748.9	2,409.2	92	0.0	0.0	22,748.9	2,409.2	234	353
08/08/24	15:38	22,737.4	2,408.0	92	0.0	0.0	22,737.4	2,408.0	234	353
08/08/24	15:39	22,742.2	2,408.5	92	0.0	0.0	22,742.2	2,408.5	233	353
08/08/24	15:40	22,757.9	2,410.2	92	0.0	0.0	22,757.9	2,410.2	233	353
08/08/24	15:41	22,728.8	2,407.1	92	0.0	0.0	22,728.8	2,407.1	233	352
08/08/24	15:42	22,647.3	2,398.5	92	0.0	0.0	22,647.3	2,398.5	233	352
08/08/24	15:43	22,756.0	2,410.0	92	0.0	0.0	22,756.0	2,410.0	233	353
08/08/24	15:44	22,686.0	2,402.6	92	0.0	0.0	22,686.0	2,402.6	233	352
08/08/24	15:45	22,761.6	2,410.6	92	0.0	0.0	22,761.6	2,410.6	233	353
08/08/24	15:46	22,686.6	2,402.6	92	0.0	0.0	22,686.6	2,402.6	233	352
08/08/24	15:47	22,649.3	2,398.7	92	0.0	0.0	22,649.3	2,398.7	232	352
08/08/24	15:48	22,642.4	2,398.0	92	0.0	0.0	22,642.4	2,398.0	233	352
08/08/24	15:49	22,743.0	2,408.6	92	0.0	0.0	22,743.0	2,408.6	233	353
08/08/24	15:50	22,710.6	2,405.2	92	0.0	0.0	22,710.6	2,405.2	233	352
08/08/24	15:51	22,739.8	2,408.3	92	0.0	0.0	22,739.8	2,408.3	233	352
08/08/24	15:52	22,662.4	2,400.1	92	0.0	0.0	22,662.4	2,400.1	233	352
08/08/24	15:53	22,734.2	2,407.7	92	0.0	0.0	22,734.2	2,407.7	233	353
08/08/24	15:54	22,777.6	2,412.3	92	0.0	0.0	22,777.6	2,412.3	234	353
08/08/24	15:55	22,703.8	2,404.5	92	0.0	0.0	22,703.8	2,404.5	233	353
08/08/24	15:56	22,648.2	2,398.6	92	0.0	0.0	22,648.2	2,398.6	233	352
08/08/24	15:57	22,658.4	2,399.7	92	0.0	0.0	22,658.4	2,399.7	233	352
08/08/24	15:58	22,688.3	2,402.8	92	0.0	0.0	22,688.3	2,402.8	233	352
08/08/24	15:59	22,671.8	2,401.1	92	0.0	0.0	22,671.8	2,401.1	232	352
08/08/24	16:00	22,649.8	2,398.7	92	0.0	0.0	22,649.8	2,398.7	233	353
08/08/24	16:01	22,687.5	2,402.7	92	0.0	0.0	22,687.5	2,402.7	233	353
08/08/24	16:02	22,719.4	2,406.1	92	0.0	0.0	22,719.4	2,406.1	233	353
08/08/24	16:03	22,645.7	2,398.3	92	0.0	0.0	22,645.7	2,398.3	233	352
08/08/24	16:04	22,714.8	2,405.6	92	0.0	0.0	22,714.8	2,405.6	233	353
08/08/24	16:05	22,709.2	2,405.0	92	0.0	0.0	22,709.2	2,405.0	233	353
08/08/24	16:06	22,732.3	2,407.5	92	0.0	0.0	22,732.3	2,407.5	233	353
08/08/24	16:07	22,702.6	2,404.3	92	0.0	0.0	22,702.6	2,404.3	233	353
08/08/24	16:08	22,722.9	2,406.5	92	0.0	0.0	22,722.9	2,406.5	233	353
08/08/24	16:09	22,699.6	2,404.0	92	0.0	0.0	22,699.6	2,404.0	234	353

Average	22,680.4	2,402.0	92	0.0	0.0	22,680.4	2,402.0	233	353
Minimum	22,570.5	2,390.4	92	0.0	0.0	22,570.5	2,390.4	232	351
Maximum	22,801.3	2,414.8	93	0.0	0.0	22,801.3	2,414.8	234	354
Summation	5,443,294.3	576,477.6	22,167	0.0	0.0	5,443,294.3	576,477.6	55,900	84,652

Included Data Points	240	240	240	240	240	240	240	240	240
Total Number of Data Points	265	265	265	265	265	265	265	265	265

F = Unit Offline
I = Invalid

E = Exceedance
M = Maintentance

C = Calibration
T = Out Of Control

S = Substituted
* = Suspect

U - Startup
D - Shutdown

Unit 3 PM Performance Test (4-Hr Run) - Run 5

Plant: Covert Generating Station
Interval: 1 Minute Type: Block
Report Period: 8/9/2024 05:45 Through 8/9/2024 12:54
Time Online Criteria: 1 minute(s)

Source Parameter (Unit)	UNIT03								
	CTGASFLW (HSCFH)	CTHEAT (MMBTU/HR)	CTLOAD (PERCENT)	DBGASFLW (HSCFH)	DBHEAT (MMBTU/HR)	GASFLOW (HSCFH)	HEATIN (MMBTU/HR)	LOADMW (MW)	TOTLOAD (MW)
08/09/24 5:45	22,879.3	2,423.1	92	0.0	0.0	22,879.3	2,423.1	238	360
08/09/24 5:46	22,942.1	2,429.7	93	0.0	0.0	22,942.1	2,429.7	239	361
08/09/24 5:47	22,924.7	2,427.9	93	0.0	0.0	22,924.7	2,427.9	239	361
08/09/24 5:48	22,898.3	2,425.1	93	0.0	0.0	22,898.3	2,425.1	239	360
08/09/24 5:49	22,887.0	2,423.9	92	0.0	0.0	22,887.0	2,423.9	238	360
08/09/24 5:50	22,934.3	2,428.9	92	0.0	0.0	22,934.3	2,428.9	238	360
08/09/24 5:51	22,884.8	2,423.6	92	0.0	0.0	22,884.8	2,423.6	238	360
08/09/24 5:52	22,943.3	2,429.8	93	0.0	0.0	22,943.3	2,429.8	239	361
08/09/24 5:53	22,944.6	2,430.0	92	0.0	0.0	22,944.6	2,430.0	238	360
08/09/24 5:54	22,914.2	2,426.8	92	0.0	0.0	22,914.2	2,426.8	239	360
08/09/24 5:55	22,872.8	2,422.4	92	0.0	0.0	22,872.8	2,422.4	238	360
08/09/24 5:56	22,876.2	2,422.7	92	0.0	0.0	22,876.2	2,422.7	239	361
08/09/24 5:57	22,924.2	2,427.8	92	0.0	0.0	22,924.2	2,427.8	239	360
08/09/24 5:58	22,875.2	2,422.6	92	0.0	0.0	22,875.2	2,422.6	238	360
08/09/24 5:59	22,994.9	2,435.3	93	0.0	0.0	22,994.9	2,435.3	239	361
08/09/24 6:00	22,966.5	2,432.3	92	0.0	0.0	22,966.5	2,432.3	239	360
08/09/24 6:01	22,890.0	2,424.2	92	0.0	0.0	22,890.0	2,424.2	239	360
08/09/24 6:02	22,887.5	2,423.9	92	0.0	0.0	22,887.5	2,423.9	239	360
08/09/24 6:03	22,931.8	2,428.6	92	0.0	0.0	22,931.8	2,428.6	239	360
08/09/24 6:04	22,956.1	2,431.2	92	0.0	0.0	22,956.1	2,431.2	239	360
08/09/24 6:05	22,883.9	2,423.5	92	0.0	0.0	22,883.9	2,423.5	238	360
08/09/24 6:06	22,955.1	2,431.1	92	0.0	0.0	22,955.1	2,431.1	239	360
08/09/24 6:07	22,878.2	2,422.9	92	0.0	0.0	22,878.2	2,422.9	238	360
08/09/24 6:08	22,984.7	2,434.2	92	0.0	0.0	22,984.7	2,434.2	239	360
08/09/24 6:09	22,919.3	2,427.3	92	0.0	0.0	22,919.3	2,427.3	239	360
08/09/24 6:10	22,954.9	2,431.1	92	0.0	0.0	22,954.9	2,431.1	238	360
08/09/24 6:11	22,942.1	2,429.7	92	0.0	0.0	22,942.1	2,429.7	238	360
08/09/24 6:12	22,952.1	2,430.8	92	0.0	0.0	22,952.1	2,430.8	239	360
08/09/24 6:13	22,927.4	2,428.1	92	0.0	0.0	22,927.4	2,428.1	239	360
08/09/24 6:14	22,947.9	2,430.3	92	0.0	0.0	22,947.9	2,430.3	239	361
08/09/24 6:15	22,971.4	2,432.8	92	0.0	0.0	22,971.4	2,432.8	239	361
08/09/24 6:16	22,988.8	2,434.7	92	0.0	0.0	22,988.8	2,434.7	239	361
08/09/24 6:17	22,960.2	2,431.6	92	0.0	0.0	22,960.2	2,431.6	239	361
08/09/24 6:18	22,944.0	2,429.9	92	0.0	0.0	22,944.0	2,429.9	239	360
08/09/24 6:19	22,976.0	2,433.3	92	0.0	0.0	22,976.0	2,433.3	239	361
08/09/24 6:20	22,929.5	2,428.4	92	0.0	0.0	22,929.5	2,428.4	238	360
08/09/24 6:21	22,963.4	2,432.0	92	0.0	0.0	22,963.4	2,432.0	239	361
08/09/24 6:22	22,932.2	2,428.7	92	0.0	0.0	22,932.2	2,428.7	239	361
08/09/24 6:23	22,892.5	2,424.5	92	0.0	0.0	22,892.5	2,424.5	238	360
08/09/24 6:24	22,968.2	2,432.5	92	0.0	0.0	22,968.2	2,432.5	239	361
08/09/24 6:25	22,975.7	2,433.3	92	0.0	0.0	22,975.7	2,433.3	239	361
08/09/24 6:26	22,942.1	2,429.7	92	0.0	0.0	22,942.1	2,429.7	239	360
08/09/24 6:27	22,940.8	2,429.6	92	0.0	0.0	22,940.8	2,429.6	239	361
08/09/24 6:28	22,984.2	2,434.2	92	0.0	0.0	22,984.2	2,434.2	239	360
08/09/24 6:29	22,942.3	2,429.7	92	0.0	0.0	22,942.3	2,429.7	239	361
08/09/24 6:30	22,970.2	2,432.7	92	0.0	0.0	22,970.2	2,432.7	239	361
08/09/24 6:31	22,916.2	2,427.0	92	0.0	0.0	22,916.2	2,427.0	239	361
08/09/24 6:32	22,970.9	2,432.8	92	0.0	0.0	22,970.9	2,432.8	239	361
08/09/24 6:33	22,953.7	2,430.9	92	0.0	0.0	22,953.7	2,430.9	239	361
08/09/24 6:34	22,989.0	2,434.7	92	0.0	0.0	22,989.0	2,434.7	239	361
08/09/24 6:35	22,983.5	2,434.1	92	0.0	0.0	22,983.5	2,434.1	239	361
08/09/24 6:36	22,920.8	2,427.5	92	0.0	0.0	22,920.8	2,427.5	239	361
08/09/24 6:37	22,951.2	2,430.7	92	0.0	0.0	22,951.2	2,430.7	239	361
08/09/24 6:38	22,953.2	2,430.9	92	0.0	0.0	22,953.2	2,430.9	239	361
08/09/24 6:39	22,921.6	2,427.5	92	0.0	0.0	22,921.6	2,427.5	239	360
08/09/24 6:40	22,975.9	2,433.3	92	0.0	0.0	22,975.9	2,433.3	239	361
08/09/24 6:41	22,875.8	2,422.7	92	0.0	0.0	22,875.8	2,422.7	238	360
08/09/24 6:42	22,974.3	2,433.1	92	0.0	0.0	22,974.3	2,433.1	239	361
08/09/24 6:43	22,956.2	2,431.2	92	0.0	0.0	22,956.2	2,431.2	239	361
08/09/24 6:44	22,945.3	2,430.0	92	0.0	0.0	22,945.3	2,430.0	239	361
08/09/24 6:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24 6:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

08/09/24	6:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	6:48	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	6:49	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	6:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	6:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	6:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	6:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	6:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	6:55	22,878.6	2,423.0	92	0.0	0.0	22,878.6	2,423.0	238	360
08/09/24	6:56	22,957.6	2,431.3	92	0.0	0.0	22,957.6	2,431.3	239	361
08/09/24	6:57	22,940.1	2,429.5	92	0.0	0.0	22,940.1	2,429.5	238	360
08/09/24	6:58	22,949.3	2,430.5	92	0.0	0.0	22,949.3	2,430.5	238	360
08/09/24	6:59	22,998.9	2,435.7	92	0.0	0.0	22,998.9	2,435.7	239	361
08/09/24	7:00	22,891.5	2,424.3	92	0.0	0.0	22,891.5	2,424.3	238	360
08/09/24	7:01	22,926.7	2,428.1	92	0.0	0.0	22,926.7	2,428.1	239	360
08/09/24	7:02	22,911.1	2,426.4	92	0.0	0.0	22,911.1	2,426.4	238	360
08/09/24	7:03	22,907.0	2,426.0	92	0.0	0.0	22,907.0	2,426.0	238	360
08/09/24	7:04	22,973.9	2,433.1	93	0.0	0.0	22,973.9	2,433.1	239	361
08/09/24	7:05	22,914.9	2,426.8	92	0.0	0.0	22,914.9	2,426.8	238	360
08/09/24	7:06	22,932.1	2,428.6	92	0.0	0.0	22,932.1	2,428.6	238	360
08/09/24	7:07	22,904.8	2,425.8	92	0.0	0.0	22,904.8	2,425.8	238	360
08/09/24	7:08	22,924.9	2,427.9	92	0.0	0.0	22,924.9	2,427.9	239	360
08/09/24	7:09	22,964.2	2,432.0	92	0.0	0.0	22,964.2	2,432.0	239	360
08/09/24	7:10	22,944.7	2,430.0	92	0.0	0.0	22,944.7	2,430.0	238	360
08/09/24	7:11	22,915.0	2,426.8	92	0.0	0.0	22,915.0	2,426.8	238	360
08/09/24	7:12	22,915.5	2,426.9	92	0.0	0.0	22,915.5	2,426.9	238	360
08/09/24	7:13	22,949.0	2,430.4	92	0.0	0.0	22,949.0	2,430.4	238	360
08/09/24	7:14	22,939.0	2,429.4	92	0.0	0.0	22,939.0	2,429.4	238	360
08/09/24	7:15	22,935.4	2,429.0	92	0.0	0.0	22,935.4	2,429.0	238	360
08/09/24	7:16	22,884.6	2,423.6	92	0.0	0.0	22,884.6	2,423.6	238	360
08/09/24	7:17	22,961.8	2,431.8	92	0.0	0.0	22,961.8	2,431.8	238	360
08/09/24	7:18	22,941.7	2,429.7	92	0.0	0.0	22,941.7	2,429.7	238	360
08/09/24	7:19	22,913.4	2,426.7	92	0.0	0.0	22,913.4	2,426.7	238	360
08/09/24	7:20	22,891.5	2,424.3	92	0.0	0.0	22,891.5	2,424.3	238	360
08/09/24	7:21	22,953.2	2,430.9	92	0.0	0.0	22,953.2	2,430.9	238	360
08/09/24	7:22	22,947.9	2,430.3	92	0.0	0.0	22,947.9	2,430.3	238	360
08/09/24	7:23	22,906.2	2,425.9	92	0.0	0.0	22,906.2	2,425.9	238	360
08/09/24	7:24	22,945.3	2,430.0	92	0.0	0.0	22,945.3	2,430.0	238	360
08/09/24	7:25	22,897.1	2,424.9	92	0.0	0.0	22,897.1	2,424.9	238	360
08/09/24	7:26	22,936.1	2,429.1	92	0.0	0.0	22,936.1	2,429.1	238	360
08/09/24	7:27	22,926.5	2,428.1	92	0.0	0.0	22,926.5	2,428.1	238	360
08/09/24	7:28	22,922.5	2,427.6	92	0.0	0.0	22,922.5	2,427.6	238	360
08/09/24	7:29	22,967.3	2,432.4	92	0.0	0.0	22,967.3	2,432.4	238	360
08/09/24	7:30	22,938.5	2,429.3	92	0.0	0.0	22,938.5	2,429.3	238	360
08/09/24	7:31	22,860.1	2,421.0	92	0.0	0.0	22,860.1	2,421.0	238	360
08/09/24	7:32	22,944.6	2,430.0	93	0.0	0.0	22,944.6	2,430.0	239	360
08/09/24	7:33	22,935.6	2,429.0	92	0.0	0.0	22,935.6	2,429.0	238	360
08/09/24	7:34	22,970.0	2,432.7	92	0.0	0.0	22,970.0	2,432.7	238	360
08/09/24	7:35	22,934.7	2,428.9	92	0.0	0.0	22,934.7	2,428.9	238	360
08/09/24	7:36	22,878.4	2,423.0	92	0.0	0.0	22,878.4	2,423.0	238	360
08/09/24	7:37	22,998.1	2,435.6	92	0.0	0.0	22,998.1	2,435.6	238	360
08/09/24	7:38	22,910.6	2,426.4	93	0.0	0.0	22,910.6	2,426.4	238	360
08/09/24	7:39	22,863.6	2,421.4	92	0.0	0.0	22,863.6	2,421.4	238	360
08/09/24	7:40	22,866.0	2,421.7	92	0.0	0.0	22,866.0	2,421.7	238	360
08/09/24	7:41	22,898.8	2,425.1	92	0.0	0.0	22,898.8	2,425.1	238	360
08/09/24	7:42	22,894.3	2,424.6	92	0.0	0.0	22,894.3	2,424.6	238	360
08/09/24	7:43	22,881.5	2,423.3	92	0.0	0.0	22,881.5	2,423.3	238	360
08/09/24	7:44	22,928.9	2,428.3	92	0.0	0.0	22,928.9	2,428.3	238	360
08/09/24	7:45	22,958.6	2,431.5	92	0.0	0.0	22,958.6	2,431.5	238	360
08/09/24	7:46	22,906.5	2,425.9	92	0.0	0.0	22,906.5	2,425.9	238	360
08/09/24	7:47	22,933.0	2,428.7	92	0.0	0.0	22,933.0	2,428.7	238	360
08/09/24	7:48	22,872.9	2,422.4	92	0.0	0.0	22,872.9	2,422.4	238	360
08/09/24	7:49	22,937.8	2,429.3	92	0.0	0.0	22,937.8	2,429.3	238	360
08/09/24	7:50	22,939.9	2,429.5	93	0.0	0.0	22,939.9	2,429.5	238	360
08/09/24	7:51	22,888.5	2,424.0	92	0.0	0.0	22,888.5	2,424.0	238	359
08/09/24	7:52	22,953.2	2,430.9	92	0.0	0.0	22,953.2	2,430.9	238	360
08/09/24	7:53	22,903.6	2,425.6	92	0.0	0.0	22,903.6	2,425.6	238	360
08/09/24	7:54	22,886.5	2,423.8	92	0.0	0.0	22,886.5	2,423.8	238	359
08/09/24	7:55	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	7:56	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	7:57	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded

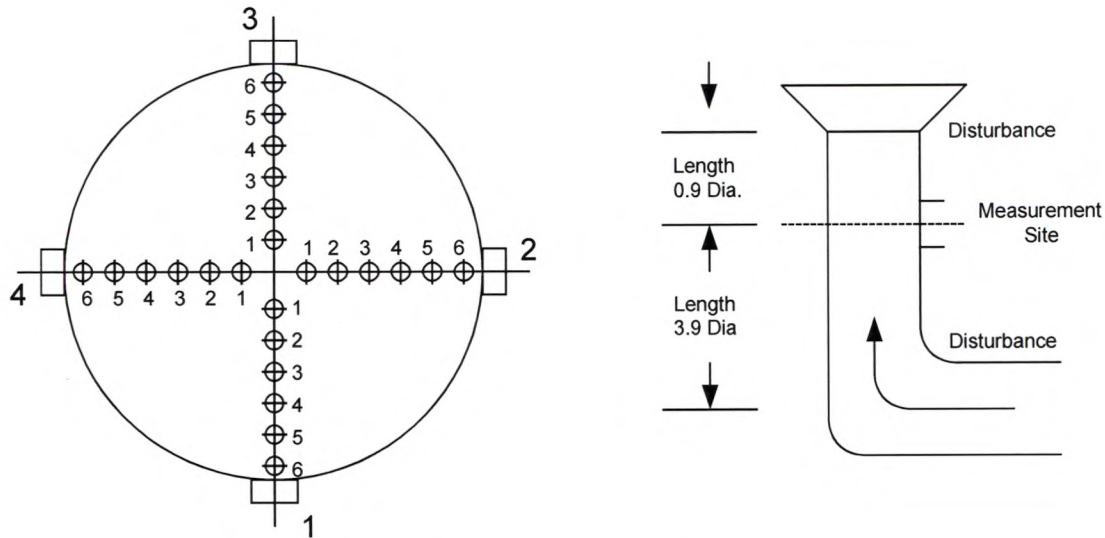
08/09/24	9:12	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:13	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:14	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:15	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:16	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:17	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:18	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:19	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:20	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:21	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:22	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:23	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:24	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:25	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:26	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:27	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:28	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:29	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	9:30	22,869.7	2,422.0	93	0.0	0.0	22,869.7	2,422.0	237	359
08/09/24	9:31	22,844.4	2,419.4	93	0.0	0.0	22,844.4	2,419.4	237	359
08/09/24	9:32	22,823.7	2,417.2	92	0.0	0.0	22,823.7	2,417.2	237	359
08/09/24	9:33	22,852.0	2,420.2	92	0.0	0.0	22,852.0	2,420.2	237	359
08/09/24	9:34	22,895.2	2,424.7	92	0.0	0.0	22,895.2	2,424.7	237	359
08/09/24	9:35	22,924.6	2,427.9	92	0.0	0.0	22,924.6	2,427.9	237	359
08/09/24	9:36	22,908.7	2,426.2	93	0.0	0.0	22,908.7	2,426.2	237	359
08/09/24	9:37	22,823.7	2,417.2	92	0.0	0.0	22,823.7	2,417.2	237	359
08/09/24	9:38	22,844.2	2,419.3	92	0.0	0.0	22,844.2	2,419.3	237	359
08/09/24	9:39	22,880.1	2,423.1	93	0.0	0.0	22,880.1	2,423.1	238	359
08/09/24	9:40	22,869.6	2,422.0	92	0.0	0.0	22,869.6	2,422.0	237	359
08/09/24	9:41	22,900.3	2,425.3	92	0.0	0.0	22,900.3	2,425.3	237	359
08/09/24	9:42	22,870.8	2,422.2	93	0.0	0.0	22,870.8	2,422.2	238	359
08/09/24	9:43	22,891.7	2,424.4	92	0.0	0.0	22,891.7	2,424.4	238	359
08/09/24	9:44	22,932.9	2,428.7	93	0.0	0.0	22,932.9	2,428.7	238	360
08/09/24	9:45	22,924.6	2,427.9	93	0.0	0.0	22,924.6	2,427.9	238	359
08/09/24	9:46	22,892.7	2,424.5	93	0.0	0.0	22,892.7	2,424.5	238	359
08/09/24	9:47	22,867.6	2,421.8	92	0.0	0.0	22,867.6	2,421.8	237	359
08/09/24	9:48	22,880.0	2,423.1	92	0.0	0.0	22,880.0	2,423.1	238	359
08/09/24	9:49	22,898.3	2,425.1	93	0.0	0.0	22,898.3	2,425.1	238	360
08/09/24	9:50	22,922.7	2,427.7	93	0.0	0.0	22,922.7	2,427.7	238	360
08/09/24	9:51	22,860.7	2,421.1	92	0.0	0.0	22,860.7	2,421.1	237	359
08/09/24	9:52	22,900.3	2,425.3	92	0.0	0.0	22,900.3	2,425.3	237	359
08/09/24	9:53	22,897.4	2,425.0	93	0.0	0.0	22,897.4	2,425.0	237	359
08/09/24	9:54	22,904.7	2,425.7	92	0.0	0.0	22,904.7	2,425.7	237	359
08/09/24	9:55	22,876.6	2,422.8	93	0.0	0.0	22,876.6	2,422.8	237	359
08/09/24	9:56	22,875.6	2,422.7	92	0.0	0.0	22,875.6	2,422.7	237	358
08/09/24	9:57	22,875.0	2,422.6	93	0.0	0.0	22,875.0	2,422.6	237	359
08/09/24	9:58	22,856.2	2,420.6	92	0.0	0.0	22,856.2	2,420.6	237	359
08/09/24	9:59	22,950.3	2,430.6	93	0.0	0.0	22,950.3	2,430.6	238	360
08/09/24	10:00	22,892.9	2,424.5	92	0.0	0.0	22,892.9	2,424.5	238	359
08/09/24	10:01	22,916.4	2,427.0	93	0.0	0.0	22,916.4	2,427.0	238	359
08/09/24	10:02	22,898.1	2,425.0	93	0.0	0.0	22,898.1	2,425.0	238	359
08/09/24	10:03	22,910.5	2,426.4	93	0.0	0.0	22,910.5	2,426.4	238	360
08/09/24	10:04	22,923.6	2,427.7	93	0.0	0.0	22,923.6	2,427.7	238	359
08/09/24	10:05	22,929.4	2,428.4	93	0.0	0.0	22,929.4	2,428.4	238	360
08/09/24	10:06	22,937.5	2,429.2	93	0.0	0.0	22,937.5	2,429.2	238	359
08/09/24	10:07	22,923.8	2,427.8	93	0.0	0.0	22,923.8	2,427.8	238	359
08/09/24	10:08	22,913.6	2,426.7	93	0.0	0.0	22,913.6	2,426.7	238	360
08/09/24	10:09	22,930.9	2,428.5	93	0.0	0.0	22,930.9	2,428.5	238	360
08/09/24	10:10	22,936.7	2,429.1	92	0.0	0.0	22,936.7	2,429.1	238	360
08/09/24	10:11	22,940.6	2,429.5	93	0.0	0.0	22,940.6	2,429.5	238	360
08/09/24	10:12	22,969.8	2,432.6	93	0.0	0.0	22,969.8	2,432.6	238	360
08/09/24	10:13	22,938.3	2,429.3	93	0.0	0.0	22,938.3	2,429.3	238	360
08/09/24	10:14	22,962.9	2,431.9	93	0.0	0.0	22,962.9	2,431.9	238	360
08/09/24	10:15	22,963.2	2,431.9	93	0.0	0.0	22,963.2	2,431.9	238	360
08/09/24	10:16	22,897.1	2,424.9	92	0.0	0.0	22,897.1	2,424.9	237	359
08/09/24	10:17	22,953.5	2,430.9	92	0.0	0.0	22,953.5	2,430.9	238	359
08/09/24	10:18	22,938.6	2,429.3	93	0.0	0.0	22,938.6	2,429.3	238	360
08/09/24	10:19	22,920.1	2,427.4	92	0.0	0.0	22,920.1	2,427.4	238	359
08/09/24	10:20	22,916.5	2,427.0	93	0.0	0.0	22,916.5	2,427.0	238	360
08/09/24	10:21	22,866.0	2,421.6	93	0.0	0.0	22,866.0	2,421.6	238	359
08/09/24	10:22	22,888.4	2,424.0	92	0.0	0.0	22,888.4	2,424.0	238	359
08/09/24	10:23	22,912.0	2,426.5	92	0.0	0.0	22,912.0	2,426.5	238	359
08/09/24	10:24	22,895.6	2,424.8	93	0.0	0.0	22,895.6	2,424.8	238	359
08/09/24	10:25	22,895.6	2,424.8	92	0.0	0.0	22,895.6	2,424.8	237	359

08/09/24	11:40	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:41	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:42	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:43	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:44	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:45	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:46	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:47	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:48	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:49	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:50	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:51	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:52	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:53	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:54	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
08/09/24	11:55	22,937.4	2,429.2	92	0.0	0.0	22,937.4	2,429.2	238	359
08/09/24	11:56	22,954.0	2,431.0	93	0.0	0.0	22,954.0	2,431.0	238	359
08/09/24	11:57	22,975.3	2,433.2	93	0.0	0.0	22,975.3	2,433.2	238	360
08/09/24	11:58	22,951.9	2,430.7	93	0.0	0.0	22,951.9	2,430.7	238	360
08/09/24	11:59	22,900.6	2,425.3	92	0.0	0.0	22,900.6	2,425.3	238	359
08/09/24	12:00	22,978.7	2,433.6	93	0.0	0.0	22,978.7	2,433.6	238	360
08/09/24	12:01	22,935.1	2,429.0	93	0.0	0.0	22,935.1	2,429.0	238	360
08/09/24	12:02	23,014.5	2,437.4	93	0.0	0.0	23,014.5	2,437.4	238	360
08/09/24	12:03	22,953.3	2,430.9	93	0.0	0.0	22,953.3	2,430.9	238	360
08/09/24	12:04	22,966.5	2,432.3	93	0.0	0.0	22,966.5	2,432.3	238	360
08/09/24	12:05	22,961.3	2,431.7	92	0.0	0.0	22,961.3	2,431.7	238	360
08/09/24	12:06	23,025.4	2,438.5	93	0.0	0.0	23,025.4	2,438.5	238	360
08/09/24	12:07	23,025.4	2,438.5	93	0.0	0.0	23,025.4	2,438.5	238	360
08/09/24	12:08	22,921.2	2,427.5	92	0.0	0.0	22,921.2	2,427.5	238	359
08/09/24	12:09	22,953.3	2,430.9	92	0.0	0.0	22,953.3	2,430.9	237	359
08/09/24	12:10	22,932.9	2,428.7	92	0.0	0.0	22,932.9	2,428.7	237	359
08/09/24	12:11	22,941.3	2,429.6	93	0.0	0.0	22,941.3	2,429.6	238	360
08/09/24	12:12	22,980.5	2,433.8	93	0.0	0.0	22,980.5	2,433.8	238	360
08/09/24	12:13	23,020.3	2,438.0	93	0.0	0.0	23,020.3	2,438.0	239	360
08/09/24	12:14	23,018.6	2,437.8	93	0.0	0.0	23,018.6	2,437.8	238	360
08/09/24	12:15	22,945.3	2,430.0	92	0.0	0.0	22,945.3	2,430.0	238	360
08/09/24	12:16	22,987.3	2,434.5	93	0.0	0.0	22,987.3	2,434.5	238	360
08/09/24	12:17	22,942.2	2,429.7	93	0.0	0.0	22,942.2	2,429.7	238	360
08/09/24	12:18	22,940.4	2,429.5	92	0.0	0.0	22,940.4	2,429.5	238	359
08/09/24	12:19	22,918.6	2,427.2	92	0.0	0.0	22,918.6	2,427.2	238	360
08/09/24	12:20	22,990.2	2,434.8	93	0.0	0.0	22,990.2	2,434.8	238	360
08/09/24	12:21	22,976.0	2,433.3	93	0.0	0.0	22,976.0	2,433.3	238	360
08/09/24	12:22	22,962.6	2,431.9	93	0.0	0.0	22,962.6	2,431.9	238	359
08/09/24	12:23	22,999.8	2,435.8	93	0.0	0.0	22,999.8	2,435.8	238	360
08/09/24	12:24	22,967.0	2,432.3	93	0.0	0.0	22,967.0	2,432.3	238	360
08/09/24	12:25	22,918.8	2,427.2	93	0.0	0.0	22,918.8	2,427.2	238	360
08/09/24	12:26	22,949.8	2,430.5	93	0.0	0.0	22,949.8	2,430.5	238	360
08/09/24	12:27	22,937.1	2,429.2	92	0.0	0.0	22,937.1	2,429.2	237	359
08/09/24	12:28	22,973.5	2,433.0	93	0.0	0.0	22,973.5	2,433.0	238	360
08/09/24	12:29	22,911.8	2,426.5	93	0.0	0.0	22,911.8	2,426.5	237	359
08/09/24	12:30	22,844.4	2,419.4	92	0.0	0.0	22,844.4	2,419.4	236	358
08/09/24	12:31	22,904.8	2,425.8	92	0.0	0.0	22,904.8	2,425.8	237	358
08/09/24	12:32	22,965.3	2,432.2	93	0.0	0.0	22,965.3	2,432.2	237	359
08/09/24	12:33	22,943.8	2,429.9	93	0.0	0.0	22,943.8	2,429.9	238	359
08/09/24	12:34	22,995.7	2,435.4	92	0.0	0.0	22,995.7	2,435.4	238	359
08/09/24	12:35	23,007.4	2,436.6	93	0.0	0.0	23,007.4	2,436.6	238	360
08/09/24	12:36	23,048.9	2,441.0	93	0.0	0.0	23,048.9	2,441.0	238	360
08/09/24	12:37	23,043.8	2,440.5	93	0.0	0.0	23,043.8	2,440.5	238	360
08/09/24	12:38	22,972.2	2,432.9	93	0.0	0.0	22,972.2	2,432.9	238	360
08/09/24	12:39	22,963.5	2,432.0	93	0.0	0.0	22,963.5	2,432.0	238	360
08/09/24	12:40	23,004.4	2,436.3	93	0.0	0.0	23,004.4	2,436.3	238	360
08/09/24	12:41	23,007.6	2,436.6	93	0.0	0.0	23,007.6	2,436.6	238	360
08/09/24	12:42	22,944.8	2,430.0	92	0.0	0.0	22,944.8	2,430.0	238	360
08/09/24	12:43	23,023.3	2,438.3	93	0.0	0.0	23,023.3	2,438.3	239	361
08/09/24	12:44	22,989.8	2,434.8	92	0.0	0.0	22,989.8	2,434.8	238	360
08/09/24	12:45	22,944.2	2,429.9	93	0.0	0.0	22,944.2	2,429.9	238	360
08/09/24	12:46	23,029.0	2,438.9	93	0.0	0.0	23,029.0	2,438.9	238	360
08/09/24	12:47	22,884.6	2,423.6	92	0.0	0.0	22,884.6	2,423.6	237	359
08/09/24	12:48	22,892.0	2,424.4	93	0.0	0.0	22,892.0	2,424.4	237	359
08/09/24	12:49	22,932.2	2,428.7	93	0.0	0.0	22,932.2	2,428.7	237	359
08/09/24	12:50	22,969.0	2,432.6	93	0.0	0.0	22,969.0	2,432.6	238	360
08/09/24	12:51	22,938.7	2,429.3	93	0.0	0.0	22,938.7	2,429.3	238	360
08/09/24	12:52	22,985.4	2,434.3	93	0.0	0.0	22,985.4	2,434.3	238	360
08/09/24	12:53	22,982.8	2,434.0	93	0.0	0.0	22,982.8	2,434.0	238	360

08/09/24	12:54	22,952.7	2,430.8	93	0.0	0.0	22,952.7	2,430.8	238	360
Average		22,932.0	2,428.6	93	0.0	0.0	22,932.0	2,428.6	238	360
Minimum		22,823.7	2,417.2	92	0.0	0.0	22,823.7	2,417.2	236	358
Maximum		23,048.9	2,441.0	93	0.0	0.0	23,048.9	2,441.0	239	361
Summation		5,503,687.5	582,873.6	22,190	0.0	0.0	5,503,687.5	582,873.6	57,138	86,367
Included Data Points		240	240	240	240	240	240	240	240	240
Total Number of Data Points		430	430	430	430	430	430	430	430	430
F = Unit Offline		E = Exceedance		C = Calibration		S = Substituted		U - Startup		
I = Invalid		M = Maintetance		T = Out Of Control		* = Suspect		D - Shutdown		

Appendix B – Test Section Diagrams

EQUAL AREA TRAVERSE FOR ROUND DUCTS (Particulate Matter)



Job: Consumers Energy Company
Covert Generating Station
Covert, Michigan

Date: August 7 through 9, 2024

Test Location: Combustion 3 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