



March 22, 2023



Powering The Center of What's Possible

To: Bay Area Air Quality Management District  
Director of Compliance and Enforcement  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Attn: Title V Reports

Subject: Title V Semi-annual Monitoring and Annual Compliance Certification for City of Santa Clara, Silicon Valley Power (SVP) Cogeneration Plant, BAAQMD Plant No. A0621, Permit to Operate Condition 14194 (S-1, 2, 3, 4)

The City of Santa Clara Electric Department is submitting two reports in accordance with the Major Facility Review Permit Section I (Standard Conditions), Clause F (Monitoring Reports), and the Permit to Operate Condition 14194.

The permit requires a semi-annual reporting of operational hours and a reporting of specific events of non-compliance. During the period **September 1, 2022** through **February 28, 2023**, SVP completed all the required monitoring. There were no instances of non-compliance during this period.

Also required is an Annual Compliance Certification Report for the period **March 01, 2022** through **February 28, 2023**. During this period, there were no instances of non-compliance.

The attached forms provide data that details the compliance items.

I certify to the best of my knowledge that the statements and information contained in this report are true, accurate, and complete. A copy of this report has been sent to the Director of the Air Division, USEPA, Region IX.

Respectfully,

Kevin Kolnowski  
Name of Responsible Official

  
Signature

Chief Electric Operating Officer  
Title of Responsible Official

3/22/2023  
Date

Facility #A0621  
City of Santa Clara,  
Silicon Valley Power  
Cogeneration Plant  
524 Robert Avenue  
Santa Clara, CA 95050

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# Compliance Certification Report

3/22/2023

Site#: A0621

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Site#: A0621

Site name: Santa Clara Cogeneration Plant #1

Period: 03/01/22 to 02/28/23

Address: 524 Robert Avenue

City: Santa Clara

State: CA

Zip: 95050

Source#: 01

Source name: Turbine

| Citation  | Title   | Compliance | Cont or Int | Days Out of Compliance/Comments |
|-----------|---|------------|-------------|---------------------------------|
| 01-107    | Combination of Emissions  | Y          | C           |                                 |
| 01-523    | Parametric Monitoring and Recordkeeping Procedures                      | Y          | C           |                                 |
| 01-523.01 | Reporting requirement for periods of inoperation >24 hours              | Y          | C           |                                 |
| 01-523.02 | Limit on duration of inoperation  | Y          | C           |                                 |
| 01-523.03 | Reporting requirement for violations of any applicable limits           | Y          | C           |                                 |
| 01-523.04 | Records of inoperation, tests, calibrations, adjustments, & maintenance | Y          | C           |                                 |
| 01-523.05 | Maintenance and Calibration   | Y          | C           |                                 |
| 06-301    | Ringelmann No. 1 Limitation   | Y          | C           |                                 |
| 06-305    | Visible Particles   | Y          | C           |                                 |
| 06-310.03 | Particulate Weight Limitation, Heat Transfer Operation                  | Y          | C           |                                 |
| 09-01-301 | Limitations on Ground Level Concentrations                              | Y          | C           |                                 |
| 09-01-302 | General Emission Limitations  | Y          | C           |                                 |
| 09-09-113 | Exemption- Inspection/Maintenance                                       | Y          | C           |                                 |

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# Compliance Certification Report

3/22/2023

Site#: A0621

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| Citation             | Title  | Compliance | Cont or Int | Days Out of Compliance/Comments |
|----------------------|--|------------|-------------|---------------------------------|
| 09-09-114            | Exemption – Start-Up/Shutdown                          | Y          | C           |                                 |
| 09-09-301.01         | Emission Limits – Turbines below 10.0 MW               | Y          | C           |                                 |
| 40 CFR 060.007       | Notification and Record Keeping                        | Y          | C           |                                 |
| 40 CFR 060.008       | Performance Tests                                      | Y          | C           |                                 |
| 40 CFR 060.009       | Availability of Information                            | Y          | C           |                                 |
| 40 CFR 060.011       | Compliance with standards and maintenance requirements | Y          | C           |                                 |
| 40 CFR 060.012       | Circumvention  | Y          | C           |                                 |
| 40 CFR 060.013       | Monitoring Requirements                                | Y          | C           |                                 |
| 40 CFR 060.013(a)    | Applicability of monitoring section                    | Y          | C           |                                 |
| 40 CFR 060.013(b)    | Installation of monitoring system prior to tests       | Y          | C           |                                 |
| 40 CFR 060.013(e)    | Continuous operation                                   | Y          | C           |                                 |
| 40 CFR 060.013(f)    | Representative measurements                            | Y          | C           |                                 |
| 40 CFR 060.332       | Standard for Nitrogen Oxides                           | Y          | C           |                                 |
| 40 CFR 060.332(a)(2) | NOx Limit  | Y          | C           |                                 |
| 40 CFR 060.333       | Performance Standards, SO2                             | Y          | C           |                                 |
| 40 CFR 060.333(a)    | Sulfur Dioxide Emission Standard                       | Y          | C           |                                 |
| 40 CFR 060.333(b)    | Fuel Sulfur Content Limit                              | Y          | C           |                                 |

# Compliance Certification Report

3/22/2023

Site#: A0621

| Citation                | Title   | Compliance | Cont or Int | Days Out of Compliance/Comments |
|-------------------------|---|------------|-------------|---------------------------------|
| 40 CFR 060.334          | Monitoring of Operations  | Y          | C           |                                 |
| 40 CFR 060.334(a)       | Monitoring of water/steam fuel ratio                                  | Y          | C           |                                 |
| 40 CFR 060.334(g)       | Monitoring of steam or water to fuel ratio during performance testing | Y          | C           |                                 |
| 40 CFR 060.334(h)(3)    | Fire only natural gas in lieu of fuel sulfur content monitoring       | Y          | C           |                                 |
| 40 CFR 060.334(j)       | Report any excess of a monitored parameter and all monitor down       | Y          | C           |                                 |
| 40 CFR 060.334(j)(1)(I) | Requirement for Turbines using water/steam to fuel ratio monitoring   | Y          | C           |                                 |
| 40 CFR 060.334(j)(5)    | Deadline for Excess Emission Reports                                  | Y          | C           |                                 |
| Cond# 14194, part 01    | Fuel Requirement  | Y          | C           |                                 |
| Cond# 14194, part 02    | Heat Input Limit – Turbines   | Y          | C           |                                 |
| Cond# 14194, part 03    | Heat Input Limit – Duct Burners                                       | Y          | C           |                                 |
| Cond# 14194, part 04    | NOx Emissions Limit – Turbines  | Y          | C           |                                 |
| Cond# 14194, part 05    | NOx Emissions Limit – Combined Turbine/Duct Burners                   | Y          | C           |                                 |
| Cond# 14194, part 06    | Water Injection System Requirements                                   | Y          | C           |                                 |
| Cond# 14194, part 07    | Fuel Monitoring Requirement   | Y          | C           |                                 |
| Cond# 14194, part 08    | Continuous Monitoring System  | Y          | C           |                                 |
| Cond# 14194, part 09    | Annual Source Test Requirement  | Y          | C           |                                 |
| Cond# 14194, part 10    | Recordkeeping   | Y          | C           |                                 |
| Cond# 14194, part 11    | Reporting   | Y          | C           |                                 |
| SIP 01-523              | Parametric Monitoring and Recordkeeping Procedures                    | Y          | C           |                                 |
| SIP 01-523.03           | Reports of Violations   | Y          | C           |                                 |

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# Compliance Certification Report

3/22/2023

Site#: A0621

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Site#: A0621

Site name: Santa Clara Cogeneration Plant #1

Period: 03/01/22 to 02/28/23

Address: 524 Robert Avenue

City: Santa Clara

State: CA

Zip: 95050

Source#: 02

Source name: Turbine

| Citation  | Title   | Compliance | Cont or Int | Days Out of Compliance/Comments |
|-----------|---|------------|-------------|---------------------------------|
| 01-107    | Combination of Emissions  | Y          | C           |                                 |
| 01-523    | Parametric Monitoring and Recordkeeping Procedures                      | Y          | C           |                                 |
| 01-523.01 | Reporting requirement for periods of inoperation >24 hours              | Y          | C           |                                 |
| 01-523.02 | Limit on duration of inoperation  | Y          | C           |                                 |
| 01-523.03 | Reporting requirement for violations of any applicable limits           | Y          | C           |                                 |
| 01-523.04 | Records of inoperation, tests, calibrations, adjustments, & maintenance | Y          | C           |                                 |
| 01-523.05 | Maintenance and Calibration   | Y          | C           |                                 |
| 06-301    | Ringelmann No. 1 Limitation   | Y          | C           |                                 |
| 06-305    | Visible Particles   | Y          | C           |                                 |
| 06-310.03 | Particulate Weight Limitation, Heat Transfer Operation                  | Y          | C           |                                 |
| 09-01-301 | Limitations on Ground Level Concentrations                              | Y          | C           |                                 |
| 09-01-302 | General Emission Limitations  | Y          | C           |                                 |
| 09-09-113 | Exemption- Inspection/Maintenance                                       | Y          | C           |                                 |

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# Compliance Certification Report

3/22/2023

Site#: A0621

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| Citation             | Title  | Compliance | Cont or Int | Days Out of Compliance/Comments |
|----------------------|--|------------|-------------|---------------------------------|
| 09-09-114            | Exemption – Start-Up/Shutdown                          | Y          | C           |                                 |
| 09-09-301.01         | Emission Limits – Turbines below 10.0 MW               | Y          | C           |                                 |
| 40 CFR 060.007       | Notification and Record Keeping                        | Y          | C           |                                 |
| 40 CFR 060.008       | Performance Tests                                      | Y          | C           |                                 |
| 40 CFR 060.009       | Availability of Information                            | Y          | C           |                                 |
| 40 CFR 060.011       | Compliance with standards and maintenance requirements | Y          | C           |                                 |
| 40 CFR 060.012       | Circumvention  | Y          | C           |                                 |
| 40 CFR 060.013       | Monitoring Requirements                                | Y          | C           |                                 |
| 40 CFR 060.013(a)    | Applicability of monitoring section                    | Y          | C           |                                 |
| 40 CFR 060.013(b)    | Installation of monitoring system prior to tests       | Y          | C           |                                 |
| 40 CFR 060.013(e)    | Continuous operation                                   | Y          | C           |                                 |
| 40 CFR 060.013(f)    | Representative measurements                            | Y          | C           |                                 |
| 40 CFR 060.332       | Standard for Nitrogen Oxides                           | Y          | C           |                                 |
| 40 CFR 060.332(a)(2) | NOx Limit  | Y          | C           |                                 |
| 40 CFR 060.333       | Performance Standards, SO2                             | Y          | C           |                                 |
| 40 CFR 060.333(a)    | Sulfur Dioxide Emission Standard                       | Y          | C           |                                 |
| 40 CFR 060.333(b)    | Fuel Sulfur Content Limit                              | Y          | C           |                                 |

# Compliance Certification Report

3/22/2023

Site#: A0621

| Citation                | Title   | Compliance | Cont or Int | Days Out of Compliance/Comments |
|-------------------------|---|------------|-------------|---------------------------------|
| 40 CFR 060.334          | Monitoring of Operations  | Y          | C           |                                 |
| 40 CFR 060.334(a)       | Monitoring of water/steam fuel ratio                                  | Y          | C           |                                 |
| 40 CFR 060.334(g)       | Monitoring of steam or water to fuel ratio during performance testing | Y          | C           |                                 |
| 40 CFR 060.334(h)(3)    | Fire only natural gas in lieu of fuel sulfur content monitoring       | Y          | C           |                                 |
| 40 CFR 060.334(j)       | Report any excess of a monitored parameter and all monitor down       | Y          | C           |                                 |
| 40 CFR 060.334(j)(1)(I) | Requirement for Turbines using water/steam to fuel ratio monitoring   | Y          | C           |                                 |
| 40 CFR 060.334(j)(5)    | Deadline for Excess Emission Reports                                  | Y          | C           |                                 |
| Cond# 14194, part 01    | Fuel Requirement  | Y          | C           |                                 |
| Cond# 14194, part 02    | Heat Input Limit – Turbines   | Y          | C           |                                 |
| Cond# 14194, part 03    | Heat Input Limit – Duct Burners                                       | Y          | C           |                                 |
| Cond# 14194, part 04    | NOx Emissions Limit – Turbines  | Y          | C           |                                 |
| Cond# 14194, part 05    | NOx Emissions Limit – Combined Turbine/Duct Burners                   | Y          | C           |                                 |
| Cond# 14194, part 06    | Water Injection System Requirements                                   | Y          | C           |                                 |
| Cond# 14194, part 07    | Fuel Monitoring Requirement   | Y          | C           |                                 |
| Cond# 14194, part 08    | Continuous Monitoring System Requirement                              | Y          | C           |                                 |
| Cond# 14194, part 09    | Annual Source Test Requirement  | Y          | C           |                                 |
| Cond# 14194, part 10    | Recordkeeping   | Y          | C           |                                 |
| Cond# 14194, part 11    | Reporting   | Y          | C           |                                 |
| SIP 01-523              | Parametric Monitoring and Recordkeeping Procedures                    | Y          | C           |                                 |
| SIP 01-523.03           | Reports of Violations   | Y          | C           |                                 |



# Compliance Certification Report

3/22/2023

Site#: A0621

Site#: A0621

Site name: Santa Clara Cogeneration Plant #1

Period: 03/01/22 to 02/28/23

Address: 524 Robert Avenue

City: Santa Clara

State: CA

Zip: 95050

Source#: 03

Source name: Duct Burner

| Citation  | Title   | Compliance | Cont or Int | Days Out of Compliance/Comments   |
|-----------|---|------------|-------------|---|
| 01-107    | Combination of Emissions  | Y          | C           |   |
| 01-523    | Parametric Monitoring and Recordkeeping Procedures                      | Y          | C           |   |
| 01-523.01 | Reporting requirement for periods of inoperation >24 hours              | Y          | C           |   |
| 01-523.02 | Limit on duration of inoperation  | Y          | C           |   |
| 01-523.03 | Reporting requirement for violations of any applicable limits           | Y          | C           |   |
| 01-523.04 | Records of inoperation, tests, calibrations, adjustments, & maintenance | Y          | C           |   |
| 01-523.05 | Maintenance and Calibration   | Y          | C           |   |
| 06-301    | Ringelmann No. 1 Limitation   | Y          | C           |   |
| 06-305    | Visible Particles   | Y          | C           |   |
| 06-310.03 | Particulate Weight Limitation, Heat Transfer Operation                  | Y          | C           |   |
| 06-401    | Appearance of Emissions   | Y          | C           | Section 06-301 regulates this source. Therefore, this source is exempted from 06-401. |
| 09-01-301 | Limitations on Ground Level Concentrations                              | Y          | C           |   |
| 09-01-302 | General Emission Limitations  | Y          | C           |   |

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# Compliance Certification Report

3/22/2023

Site#: A0621

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| Citation             | Title  | Compliance | Cont or Int | Days Out of Compliance/Comments |
|----------------------|--|------------|-------------|---------------------------------|
| 09-09-301.01         | Emission Limits – Turbines below 10.0 MW               | Y          | C           |                                 |
| 40 CFR 060.007       | Notification and Record Keeping                        | Y          | C           |                                 |
| 40 CFR 060.008       | Performance Tests                                      | Y          | C           |                                 |
| 40 CFR 060.009       | Availability of Information                            | Y          | C           |                                 |
| 40 CFR 060.011       | Compliance with standards and maintenance requirements | Y          | C           |                                 |
| 40 CFR 060.012       | Circumvention  | Y          | C           |                                 |
| 40 CFR 060.013       | Monitoring Requirements                                | Y          | C           |                                 |
| 40 CFR 060.013(a)    | Applicability of monitoring section                    | Y          | C           |                                 |
| 40 CFR 060.013(b)    | Installation of monitoring system prior to tests       | Y          | C           |                                 |
| 40 CFR 060.013(e)    | Continuous operation                                   | Y          | C           |                                 |
| 40 CFR 060.013(f)    | Representative measurements                            | Y          | C           |                                 |
| 40 CFR 060.332       | Standard for Nitrogen Oxides                           | Y          | C           |                                 |
| 40 CFR 060.332(a)(2) | NOx Limit  | Y          | C           |                                 |
| 40 CFR 060.333       | Performance Standards, SO2                             | Y          | C           |                                 |
| 40 CFR 060.333(a)    | Sulfur Dioxide Emission Standard                       | Y          | C           |                                 |
| 40 CFR 060.333(b)    | Fuel Sulfur Content Limit                              | Y          | C           |                                 |

# Compliance Certification Report

3/22/2023

Site#: A0621

| Citation                | Title   | Compliance | Cont or Int | Days Out of Compliance/Comments |
|-------------------------|---|------------|-------------|---------------------------------|
| 40 CFR 060.334          | Monitoring of Operations  | Y          | C           |                                 |
| 40 CFR 060.334(a)       | Monitoring of water/steam fuel ratio                                  | Y          | C           |                                 |
| 40 CFR 060.334(g)       | Monitoring of steam or water to fuel ratio during performance testing | Y          | C           |                                 |
| 40 CFR 060.334(h)(3)    | Fire only natural gas in lieu of fuel sulfur content monitoring       | Y          | C           |                                 |
| 40 CFR 060.334(j)       | Report any excess of a monitored parameter and all monitor down       | Y          | C           |                                 |
| 40 CFR 060.334(j)(1)(I) | Requirement for Turbines using water/steam to fuel ratio monitoring   | Y          | C           |                                 |
| 40 CFR 060.334(j)(5)    | Deadline for Excess Emission Reports                                  | Y          | C           |                                 |
| Cond# 14194, part 01    | Fuel Requirement  | Y          | C           |                                 |
| Cond# 14194, part 02    | Heat Input Limit – Turbines   | Y          | C           |                                 |
| Cond# 14194, part 03    | Heat Input Limit – Duct Burners                                       | Y          | C           |                                 |
| Cond# 14194, part 04    | NOx Emissions Limit – Turbines  | Y          | C           |                                 |
| Cond# 14194, part 05    | NOx Emissions Limit – Combined Turbine/Duct Burners                   | Y          | C           |                                 |
| Cond# 14194, part 06    | Water Injection System Requirements                                   | Y          | C           |                                 |
| Cond# 14194, part 07    | Fuel Monitoring Requirement   | Y          | C           |                                 |
| Cond# 14194, part 08    | Continuous Monitoring System Requirement                              | Y          | C           |                                 |
| Cond# 14194, part 09    | Annual Source Test Requirement  | Y          | C           |                                 |
| Cond# 14194, part 10    | Recordkeeping   | Y          | C           |                                 |
| Cond# 14194, part 11    | Reporting   | Y          | C           |                                 |
| SIP 01-523              | Parametric Monitoring and Recordkeeping Procedures                    | Y          | C           |                                 |
| SIP 01-523.03           | Reports of Violations   | Y          | C           |                                 |

# Compliance Certification Report

3/22/2023

Site#: A0621

Site#: A0621

Site name: Santa Clara Cogeneration Plant #1

Period: 03/01/22 to 02/28/23

Address: 524 Robert Avenue

City: Santa Clara

State: CA

Zip: 95050

Source#: 04

Source name: Duct Burner

| Citation  | Title   | Compliance | Cont or Int | Days Out of Compliance/Comments   |
|-----------|---|------------|-------------|---|
| 01-107    | Combination of Emissions  | Y          | C           |   |
| 01-523    | Parametric Monitoring and Recordkeeping Procedures                      | Y          | C           |   |
| 01-523.01 | Reporting requirement for periods of inoperation >24 hours              | Y          | C           |   |
| 01-523.02 | Limit on duration of inoperation  | Y          | C           |   |
| 01-523.03 | Reporting requirement for violations of any applicable limits           | Y          | C           |   |
| 01-523.04 | Records of inoperation, tests, calibrations, adjustments, & maintenance | Y          | C           |   |
| 01-523.05 | Maintenance and Calibration   | Y          | C           |   |
| 06-301    | Ringelmann No. 1 Limitation   | Y          | C           |   |
| 06-305    | Visible Particles   | Y          | C           |   |
| 06-310.03 | Particulate Weight Limitation, Heat Transfer Operation                  | Y          | C           |   |
| 06-401    | Appearance of Emissions   | Y          | C           | Section 06-301 regulates this source. Therefore, this source is exempted from 06-401. |
| 09-01-301 | Limitations on Ground Level Concentrations                              | Y          | C           |   |
| 09-01-302 | General Emission Limitations  | Y          | C           |   |
| 09-09-113 | Exemption- Inspection/Maintenance                                       | Y          | C           |   |

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# Compliance Certification Report

3/22/2023

Site#: A0621

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| Citation             | Title  | Compliance | Cont or Int | Days Out of Compliance/Comments |
|----------------------|--|------------|-------------|---------------------------------|
| 09-09-114            | Exemption – Start-Up/Shutdown                          | Y          | C           |                                 |
| 09-09-301.01         | Emission Limits – Turbines below 10.0 MW               | Y          | C           |                                 |
| 40 CFR 060.007       | Notification and Record Keeping                        | Y          | C           |                                 |
| 40 CFR 060.008       | Performance Tests                                      | Y          | C           |                                 |
| 40 CFR 060.009       | Availability of Information                            | Y          | C           |                                 |
| 40 CFR 060.011       | Compliance with standards and maintenance requirements | Y          | C           |                                 |
| 40 CFR 060.012       | Circumvention  | Y          | C           |                                 |
| 40 CFR 060.013       | Monitoring Requirements                                | Y          | C           |                                 |
| 40 CFR 060.013(a)    | Applicability of monitoring section                    | Y          | C           |                                 |
| 40 CFR 060.013(b)    | Installation of monitoring system prior to tests       | Y          | C           |                                 |
| 40 CFR 060.013(e)    | Continuous operation                                   | Y          | C           |                                 |
| 40 CFR 060.013(f)    | Representative measurements                            | Y          | C           |                                 |
| 40 CFR 060.332       | Standard for Nitrogen Oxides                           | Y          | C           |                                 |
| 40 CFR 060.332(a)(2) | NOx Limit  | Y          | C           |                                 |
| 40 CFR 060.333       | Performance Standards, SO2                             | Y          | C           |                                 |
| 40 CFR 060.333(a)    | Sulfur Dioxide Emission Standard                       | Y          | C           |                                 |
| 40 CFR 060.333(b)    | Fuel Sulfur Content Limit                              | Y          | C           |                                 |

# Compliance Certification Report

3/22/2023

Site#: A0621

| Citation                | Title   | Compliance | Cont or Int | Days Out of Compliance/Comments |
|-------------------------|---|------------|-------------|---------------------------------|
| 40 CFR 060.334          | Monitoring of Operations  | Y          | C           |                                 |
| 40 CFR 060.334(a)       | Monitoring of water/steam fuel ratio                                  | Y          | C           |                                 |
| 40 CFR 060.334(g)       | Monitoring of steam or water to fuel ratio during performance testing | Y          | C           |                                 |
| 40 CFR 060.334(h)(3)    | Fire only natural gas in lieu of fuel sulfur content monitoring       | Y          | C           |                                 |
| 40 CFR 060.334(j)       | Report any excess of a monitored parameter and all monitor down       | Y          | C           |                                 |
| 40 CFR 060.334(j)(1)(I) | Requirement for Turbines using water/steam to fuel ratio monitoring   | Y          | C           |                                 |
| 40 CFR 060.334(j)(5)    | Deadline for Excess Emission Reports                                  | Y          | C           |                                 |
| Cond# 14194, part 01    | Fuel Requirement  | Y          | C           |                                 |
| Cond# 14194, part 02    | Heat Input Limit – Turbines   | Y          | C           |                                 |
| Cond# 14194, part 03    | Heat Input Limit – Duct Burners                                       | Y          | C           |                                 |
| Cond# 14194, part 04    | NOx Emissions Limit – Turbines  | Y          | C           |                                 |
| Cond# 14194, part 05    | NOx Emissions Limit – Combined Turbine/Duct Burners                   | Y          | C           |                                 |
| Cond# 14194, part 06    | Water Injection System Requirements                                   | Y          | C           |                                 |
| Cond# 14194, part 07    | Fuel Monitoring Requirement   | Y          | C           |                                 |
| Cond# 14194, part 08    | Continuous Monitoring System Requirement                              | Y          | C           |                                 |
| Cond# 14194, part 09    | Annual Source Test Requirement  | Y          | C           |                                 |
| Cond# 14194, part 10    | Recordkeeping   | Y          | C           |                                 |
| Cond# 14194, part 11    | Reporting   | Y          | C           |                                 |
| SIP 01-523              | Parametric Monitoring and Recordkeeping Procedures                    | Y          | C           |                                 |
| SIP 01-523.03           | Reports of Violations   | Y          | C           |                                 |

# Compliance Certification Report

3/22/2023

Site#: A0621

Site#: A0621

Site name: Santa Clara Cogeneration Plant #1

Period: 03/01/22 to 02/28/23

Address: 524 Robert Avenue

City: Santa Clara

State: CA

Zip: 95050

Source#: Facility

Source name: Facility

| Citation                  | Title  | Compliance | Cont or Int | Days Out of Compliance/Comments                     |
|---------------------------|--|------------|-------------|---|
| 02-01-429                 | Federal emissions Statement                                | Y          | C           |   |
| 40 CFR Part 61, Subpart A | NESHAP – General Provisions                                | Y          | C           |   |
| AB 2588                   | California Assembly Bill 2588<br>Toxics “Hot Spots”        | Y          | C           |   |
| Portable Equipment        | California Health and Safety Code<br>Section 41750 et seq. | Y          | C           |   |
| Regulation 01             | General Provisions and Definitions                         | Y          | C           |   |
| Regulation 02, Rule 01    | Permits, General Requirements                              | Y          | C           |   |
| Regulation 04             | Air Pollution Episode Plan                                 | Y          | C           |   |
| Regulation 05             | Open Burning   | N/A        | N/A         |   |
| Regulation 06             | Particulate Matter and Visible Emissions                   | Y          | C           |   |
| Regulation 07             | Odorous Substances   | Y          | C           |   |
| Regulation 08, Rule 01    | Organic Compounds – General Provisions                     | Y          | C           |   |
| Regulation 08, Rule 02    | Org Compounds – Misc. Operations                           | Y          | C           | Regulation 8-2-110 provides a Natural Gas Exemption |
| Regulation 08, Rule 03    | Org Compounds – Architectural Coatings                     | Y          | C           |   |

# Compliance Certification Report

3/22/2023

Site#: A0621

| Citation                   | Title  | Compliance | Cont or Int | Days Out of Compliance/Comments |
|----------------------------|--|------------|-------------|---------------------------------|
| Regulation 08, Rule 16     | Org Compounds – Solvent Cleaning Operations                      | Y          | C           |                                 |
| Regulation 08, Rule 40     | Aeration of Contaminated Soil and Removal of Underground Storage | N/A        | N/A         |                                 |
| Regulation 08, Rule 47     | Organic Compounds – Air Stripping and Soil Vapor Extraction      | N/A        | N/A         |                                 |
| Regulation 08, Rule 49     | Org. Compounds – Aerosol Paint Products                          | Y          | C           |                                 |
| Regulation 08, Rule 51     | Org. Compounds – Adhesive and Sealant Products                   | Y          | C           |                                 |
| Regulation 11, Rule 01     | Lead   | N/A        | N/A         |                                 |
| Regulation 11, Rule 02     | Asbestos Demolition, Renovation, etc.                            | N/A        | N/A         |                                 |
| Regulation 12, Rule 04     | Sandblasting   | N/A        | N/A         |                                 |
| SIP Regulation 01          | General Provisions and Definitions                               | Y          | C           |                                 |
| SIP Regulation 02, Rule 01 | Permits, General Requirements                                    | Y          | C           |                                 |
| SIP Regulation 04          | Air Pollution Episode Plan                                       | Y          | C           |                                 |
| SIP Regulation 05          | Open Burning   | N/A        | N/A         |                                 |
| SIP Regulation 08, Rule 49 | Org. Compounds – Aerosol Products                                | Y          | C           |                                 |
| SIP Regulation 08, Rule 51 | Adhesive and Sealant Products                                    | Y          | C           |                                 |
| SIP Regulation 11, Rule 01 | Hazardous Pollutants – Lead                                      | N/A        | N/A         |                                 |
| SIP Regulation 12, Rule 04 | Sandblasting   | N/A        | N/A         |                                 |



Compliance Certification

Based on information and belief formed after reasonable inquiry, the statements and information in the attached Compliance Certification form are true, accurate, and complete.

Kevin Kolnowski  
Name of Responsible Official

  
Signature

**March 1, 2022 through February 28, 2023**  
Certification Period

  
Date

Facility #A0621  
City of Santa Clara, Silicon Valley Power  
524 Robert Avenue  
Santa Clara, CA 95050

## Title V Semi-Annual Monitoring Verification Report

### Applicable Limits and Compliance Monitoring

This report summarizes the applicable source – specific emission limits for the Cogeneration Plant, facility #A0621. The following table shows the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency indicates whether periodic (P) or continuous (C) monitoring is required. Also, for periodic monitoring, the frequency of the monitoring is shown: annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), or on an event basis (E). No monitoring (N) is required if the current applicable rule or regulation does not require monitoring – where our facility’s operation will not deviate from the applicable emission limit based upon the nature of its operation. The last two columns indicate our facility’s compliance from **September 1, 2022** through **February 28, 2023**.

(Adapted from Table VII-A of the Major Facility Review Permit)  
**Applicable Limits and Compliance Monitoring Requirements**  
**S1, S2-Gas Turbines w/Water Injection**  
**S3, S4-Duct Burners**

| Type of limit | Emission Limit Citation     | FE Y/N | Future Effective Date | Emission Limit                    | Monitoring Requirement Citation                 | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance Yes/No |
|---------------|-----------------------------|--------|-----------------------|-----------------------------------|---|------------------------------|-----------------|-------------------|
| PM            | BAAQMD Regulation 6-1-301   | N      |                       | Ringelmann 1.0                    |   | N                            |                 | Yes (1)           |
| PM            | SIP Regulation 6-301        | Y      |                       | Ringelmann 1.0                    |   | N                            |                 | Yes (1)           |
| FP            | BAAQMD Regulation 6-1-310.3 | N      |                       | 0.15 gr/dscf @ 6% O <sub>2</sub>  |   | N                            |                 | Yes (1)           |
| FP            | SIP Regulation 6-1-310.3    | N      |                       | 0.15 gr/dscf @ 6% O <sub>2</sub>  |   | N                            |                 | Yes (1)           |
| NOx           | BAAQMD 9-9-301.1.1          | N      |                       | 42 ppmv @15% O <sub>2</sub> (dry) | Condition #14194, Part 9 and 10, BAAQMD 9-9-504 | P/A                          | Source test     | Yes (1)           |

**(Adapted from Table VII-A of the Major Facility Review Permit)**  
**Applicable Limits and Compliance Monitoring Requirements (continued)**  
**S1, S2-Gas Turbines w/Water Injection**  
**S3, S4-Duct Burners**

| Type of limit | Emission Limit Citation | FE Y/N | Future Effective Date   | Emission Limit                     | Monitoring Requirement Citation                  | Monitoring Frequency (P/C/N) | Monitoring Type          | Compliance Yes/No |
|---------------|-------------------------|--------|---|------------------------------------|--|------------------------------|--------------------------|-------------------|
| NOx           | BAAQMD 9-9-301.1.1      | N      |   | 42 ppmv @ 15% O <sub>2</sub> (dry) | Condition #14194, part 8                         | C                            | Water-to-fuel monitoring | Yes               |
| NOx           | BAAQMD 9-9-301.2        | N      |   | 42 ppmv @ 15% O <sub>2</sub> (dry) | Condition #14194, parts 9 and 10, BAAQMD 9-9-504 | P/A                          | Source test              | Yes               |
| NOx           | BAAQMD 9-9-301.2        | N      |   | 42 ppmv @ 15% O <sub>2</sub> (dry) | Condition #14194, part 8                         | C                            | Water-to-fuel monitoring | Yes               |
| NOx           | BAAQMD 9-9-301.2        | N      | Up to 60 months after availability of commercially available technology | 35 ppmv @15% O <sub>2</sub> (dry)  | Condition #14194, Parts 9 and 10, BAAQMD 9-9-504 | P/A                          | Source test              | N/A               |
| NOx           | BAAQMD 9-9-301.2        | N      | Up to 60 months after availability of commercially available technology | 35 ppmv @15% O <sub>2</sub> (dry)  | Condition #14194, Part 8                         | C                            | Water-to-fuel monitoring | N/A               |

**(Adapted from Table VII-A of the Major Facility Review Permit)**  
**Applicable Limits and Compliance Monitoring Requirements (continued)**  
**S1, S2-Gas Turbines w/Water Injection**  
**S3, S4-Duct Burners**

| Type of Limit | Emission Limit Citation       | FE Y/N | Future Effective Date | Emission Limit  | Monitoring Requirement Citation  | Monitoring Frequency (P/C/N) | Monitoring Type          | Compliance Yes/No |
|---------------|-------------------------------|--------|-----------------------|---|----------------------------------|------------------------------|--------------------------|-------------------|
| NOx           | SIP 9-9-301.1.1               | Y      |                       | 42 ppmv @ 15% O <sub>2</sub> (dry)  | Condition #14194, parts 9 and 10 | P/A                          | Source test              | Yes               |
| NOx           | SIP 9-9-301.1.1               | Y      |                       | 42 ppmv @ 15% O <sub>2</sub> (dry)  | Condition #14194, part 8         | C                            | Water-to-fuel monitoring | Yes               |
|               | NSPS Subpart GG 60.332 (a)(2) | Y      |                       | 150 ppmv @ 15% O <sub>2</sub> (dry)   | NSPS Subpart GG 60.334(a)        | C                            | Water-to-fuel monitoring | Yes (1)           |
| NOx           | Condition #14194, Part 4      | Y      |                       | 42 ppmv @ 15% O <sub>2</sub> (dry), each turbine (except during startup and shutdown) | Condition #14194, parts 9 and 10 | P/A                          | Source test              | Yes               |
| NOx           | Condition #14194, Part 4      | Y      |                       | 42 ppmv @ 15% O <sub>2</sub> (dry), each turbine (except during startup and shutdown) | Condition #14194, part 8         | C                            | Water-to-fuel monitoring | Yes               |
| NOx           | Condition #14194, Part 5      | Y      |                       | 42 ppmv @ 15% O <sub>2</sub> (dry), each turbine /supplemental burner combination     | Condition #14194, parts 9 and 10 | P/A                          | Source test              | Yes               |

**(Adapted from Table VII-A of the Major Facility Review Permit)**  
**Applicable Limits and Compliance Monitoring Requirements (continued)**  
**S1, S2-Gas Turbines w/Water Injection**  
**S3, S4-Duct Burners**

| Type of Limit       | Emission Limit Citation         | FE Y/N | Future Effective Date | Emission Limit   | Monitoring Requirement Citation    | Monitoring Frequency (P/C/N) | Monitoring Type                     | Compliance Yes/No |
|---------------------|---------------------------------|--------|-----------------------|--|------------------------------------|------------------------------|-------------------------------------|-------------------|
| SO2                 | BAAQMD 9-1-301                  | Y      |                       | Ground level concentrations: 0.5 ppm for 3 Consecutive minutes, 0.25 ppm averaged over 60 consecutive minutes, 0.05 ppm averaged over 24 hours |                                    | N                            |                                     | Yes (1)           |
|                     | BAAQMD 9-1-302                  | Y      |                       | 300 ppm (dry) general emission limitation  |                                    | N                            |                                     | Yes (1)           |
|                     | 40 CFR 60 Subpart GG 60.333 (b) | Y      |                       | 0.8% (wt) fuel sulfur content  | 40 CFR 60 Subpart GG 60.334 (h)(3) | N                            | None                                | Yes (1)           |
| Fuel Usage          | BAAQMD Condition #14194 part 2  | Y      |                       | 55.1 MMBTU/hr heat input (each turbine)  | BAAQMD Condition #14194 part 7     | C                            | Continuous Fuel Usage Monitors      | Yes               |
|                     | BAAQMD Condition #14194 part 3  | Y      |                       | 13.5 MMBTU/hr Heat input (each duct burner)  | BAAQMD Condition #14194 part 7     | C                            | Continuous Fuel Usage Monitors      | Yes               |
| Water-to-Fuel Ratio | BAAQMD Condition #14194 part 6  | Y      |                       | Water-to-Fuel Ratio: 57% to 62% (wt)   | BAAQMD Condition #14194 part 7     | C                            | Continuous Water-to-Fuel Monitoring | Yes               |

**(Adapted from Table VII-A of the Major Facility Review Permit)  
 Applicable Limits and Compliance Monitoring Requirements (continued)  
 S1, S2-Gas Turbines w/Water Injection  
 S3, S4-Duct Burners**

| Type of Limit                                  | Emission Limit Citation | FE Y/N | Future Effective Date | Emission Limit  | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type                               | Compliance Yes/No |
|--|-------------------------|--------|-----------------------|---|---------------------------------|------------------------------|---|-------------------|
| Periods of Inoperation for Parametric Monitors | BAAQMD 1-523.2          | Y      |                       | 15 consecutive days/incident and 30 calendar days/12 month period | BAAQMD 1-523.4                  | P/D                          | Operating Records for All Parametric Monitors | Yes               |

(1) This facility uses PUC pipeline quality natural gas. Enforceable limits are “subsumed” by use of this fuel. (Reference: Section IX “Permit Shield” of this plant’s Major Facility Review Permit.

# COGENERATION SEMIANNUAL MONITORING REPORT

Excess Emission and Monitoring System Performance Report for BAAQMD & USEPA  
Permit to Operate Condition No. 14194 (S-1, 2, 3 & 4)

## BAAQMD Plant # 621-Silicon Valley Power COGENERATION PLANT NO. 1

Report for the period from Sep-22 through Feb-23

### I. Hours of Plant Operation:

| For 6 months,      |        |    |        | S-1 Gas Turbine | S-2 Gas Turbine | S-3 Supplemental Burner | S-4 Supplemental Burner |
|--------------------|--------|----|--------|-----------------|-----------------|-------------------------|-------------------------|
| From               | Sep-22 | To | Feb-23 |                 |                 |                         |                         |
| Hours of Operation |        |    |        | 3,396           | 0               | 0                       | 0                       |

### II. Periods Water to Fuel Ratio Was Outside Permitted Range:

| Unit | Start |      | Corrected |      | Duration<br>(hr:min) | Ave Fuel Consumption and Turbine Load During Excursion |    | Remarks |
|------|-------|------|-----------|------|----------------------|--|----|---------|
|      | Date  | Time | Date      | Time |                      | MMBTU/HR   | KW |         |
| 1    |       |      |           |      |                      |  |    |         |
| 2    |       |      |           |      |                      |  |    |         |

### III. Continuous Monitoring System Malfunctions:

| Unit | Start |      | Corrected |      | Duration<br>(hr:min) | Ave Fuel Consumption and Turbine Load During Monitor Malfunction |    | Remarks   |
|------|-------|------|-----------|------|----------------------|--|----|---|
|      | Date  | Time | Date      | Time |                      | MMBTU/HR   | KW |   |
| 1    |       |      |           |      | None                 |  |    | Continuous monitoring system was operative for the entire reporting period. |
| 2    |       |      |           |      | None                 |  |    |   |

**IV. Monthly Operating Data:**

(The following monthly data provides the basis of the three summary tables found on page 1)

| Sep-22       | UNIT 1                  |                 |        |          |                 |      | UNIT 2                  |                 |      |      |                 |      |
|--------------|-------------------------|-----------------|--------|----------|-----------------|------|-------------------------|-----------------|------|------|-----------------|------|
|              | S-1 Gas Turbine         |                 |        |          | S-3 Supp Burner |      | S-2 Gas Turbine         |                 |      |      | S-4 Supp Burner |      |
|              | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs    | MWH      | Fuel Used MMBTU | Hrs  | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs  | MWH  | Fuel Used MMBTU | Hrs  |
|              | (1)                     |                 |        |          | (1)             |      | (1)                     |                 |      |      | (1)             |      |
| 1            | 57.40                   | 1,187.67        | 24.00  | 71.49    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 2            | 57.40                   | 1,210.22        | 24.00  | 73.19    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 3            | 57.40                   | 1,191.78        | 24.00  | 71.63    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 4            | 57.40                   | 1,163.91        | 24.00  | 69.66    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 5            | 57.40                   | 1,134.14        | 24.00  | 67.56    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 6            | 57.40                   | 1,136.68        | 24.00  | 67.74    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 7            | 57.40                   | 1,152.35        | 24.00  | 68.64    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 8            | 57.40                   | 1,127.49        | 24.00  | 66.80    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 9            | 57.40                   | 1,162.50        | 24.00  | 69.18    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 10           | 57.40                   | 1,194.82        | 24.00  | 71.60    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 11           | 57.40                   | 1,194.82        | 24.00  | 71.65    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 12           | 57.40                   | 1,215.77        | 24.00  | 72.82    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 13           | 57.40                   | 1,225.75        | 24.00  | 73.51    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 14           | 57.40                   | 1,224.93        | 24.00  | 73.33    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 15           | 57.40                   | 1,242.42        | 24.00  | 74.27    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 16           | 57.40                   | 1,243.39        | 24.00  | 74.00    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 17           | 57.40                   | 1,167.81        | 24.00  | 67.66    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 18           | 57.40                   | 1,158.46        | 24.00  | 65.91    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 19           | 57.40                   | 675.03          | 14.00  | 56.79    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 20           | 57.40                   | 1,151.20        | 24.00  | 65.76    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 21           | 57.40                   | 1,150.96        | 24.00  | 65.72    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 22           | 58.90                   | 1,226.48        | 24.00  | 71.19    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 23           | 58.96                   | 266.01          | 5.00   | 35.75    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 24           | 0.00                    | 0.00            | 0.00   | 0.00     | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 25           | 0.00                    | 0.00            | 0.00   | 0.00     | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 26           | 0.00                    | 0.00            | 0.00   | 0.00     | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 27           | 59.40                   | 317.05          | 6.00   | 23.79    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 28           | 59.40                   | 1,246.95        | 24.00  | 74.79    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 29           | 59.40                   | 1,233.84        | 24.00  | 73.80    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 30           | 59.40                   | 1,229.82        | 24.00  | 72.78    | 0.00            | 0.00 | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |
| 31           |                         |                 |        |          |                 |      |                         |                 |      |      |                 |      |
| <b>TOTAL</b> |                         | 29,832.24       | 601.00 | 1,811.00 | 0.00            | 0.00 |                         | 0.00            | 0.00 | 0.00 | 0.00            | 0.00 |

| Oct-22       | UNIT 1                  |                 |        |        |                 |       | UNIT 2                  |                 |      |      |                 |       |
|--------------|-------------------------|-----------------|--------|--------|-----------------|-------|-------------------------|-----------------|------|------|-----------------|-------|
|              | S-1 Gas Turbine         |                 |        |        | S-3 Supp Burner |       | S-2 Gas Turbine         |                 |      |      | S-4 Supp Burner |       |
|              | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs    | MWH    | Fuel Used MMBTU | Hrs   | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs  | MWH  | Fuel Used MMBTU | Hrs   |
|              | (1)                     | (1)             | (1)    | (1)    | (1)             | (1,2) | (1)                     | (1)             | (1)  | (1)  | (1)             | (1,2) |
| 1            | 59.40                   | 1,248.27        | 24.00  | 73.46  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 2            | 59.40                   | 1,160.93        | 24.00  | 65.88  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 3            | 59.40                   | 1,158.41        | 24.00  | 65.76  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 4            | 59.40                   | 724.20          | 15.00  | 59.41  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 5            | 59.40                   | 1,149.02        | 24.00  | 65.59  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 6            | 59.40                   | 680.63          | 14.00  | 58.35  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 7            | 59.40                   | 1,044.76        | 21.00  | 67.35  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 8            | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 9            | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 10           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 11           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 12           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 13           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 14           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 15           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 16           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 17           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 18           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 19           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 20           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 21           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 22           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 23           | 0.00                    | 0.00            | 0.00   | 0.00   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 24           | 59.40                   | 365.93          | 8.00   | 31.28  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 25           | 59.40                   | 1,097.88        | 24.00  | 65.58  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 26           | 59.40                   | 1,100.77        | 24.00  | 65.78  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 27           | 59.40                   | 1,100.52        | 24.00  | 65.84  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 28           | 59.40                   | 1,103.94        | 24.00  | 65.80  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 29           | 59.40                   | 1,107.63        | 24.00  | 65.64  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 30           | 59.40                   | 1,101.39        | 24.00  | 65.71  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 31           | 59.40                   | 1,224.67        | 24.00  | 77.05  | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| <b>TOTAL</b> |                         | 15,368.93       | 322.00 | 958.48 | 0.00            | 0.00  |                         | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |



| Nov-22       | UNIT 1                  |                 |        |          |                 |       | UNIT 2                  |                 |      |      |                 |       |
|--------------|-------------------------|-----------------|--------|----------|-----------------|-------|-------------------------|-----------------|------|------|-----------------|-------|
|              | S-1 Gas Turbine         |                 |        |          | S-3 Supp Burner |       | S-2 Gas Turbine         |                 |      |      | S-4 Supp Burner |       |
|              | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs    | MWH      | Fuel Used MMBTU | Hrs   | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs  | MWH  | Fuel Used MMBTU | Hrs   |
|              | (1)                     | (1)             | (1)    | (1)      | (1)             | (1,2) | (1)                     | (1)             | (1)  | (1)  | (1)             | (1,2) |
| 1            | 59.40                   | 1,309.43        | 24.00  | 83.383   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 2            | 59.40                   | 1,303.76        | 24.00  | 83.505   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 3            | 59.40                   | 1,304.90        | 24.00  | 83.276   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 4            | 59.40                   | 1,290.59        | 24.00  | 82.756   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 5            | 59.40                   | 1,287.71        | 24.00  | 83.280   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 6            | 59.40                   | 1,289.52        | 24.00  | 86.640   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 7            | 59.40                   | 1,200.34        | 24.00  | 73.491   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 8            | 59.40                   | 1,110.40        | 24.00  | 65.852   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 9            | 59.40                   | 1,104.28        | 24.00  | 65.595   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 10           | 59.40                   | 1,106.19        | 24.00  | 65.858   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 11           | 59.40                   | 1,180.93        | 24.00  | 72.690   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 12           | 59.40                   | 1,222.63        | 24.00  | 75.835   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 13           | 59.40                   | 1,216.17        | 24.00  | 75.738   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 14           | 59.40                   | 1,143.56        | 24.00  | 68.529   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 15           | 59.40                   | 1,095.05        | 24.00  | 64.523   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 16           | 59.40                   | 1,104.79        | 24.00  | 65.730   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 17           | 59.40                   | 1,105.02        | 24.00  | 65.905   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 18           | 59.40                   | 1,100.45        | 24.00  | 65.756   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 19           | 59.40                   | 1,101.77        | 24.00  | 65.801   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 20           | 59.40                   | 1,100.96        | 24.00  | 65.605   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 21           | 59.40                   | 1,104.37        | 24.00  | 65.770   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 22           | 59.40                   | 1,102.04        | 24.00  | 65.646   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 23           | 59.40                   | 1,102.88        | 24.00  | 65.789   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 24           | 59.40                   | 1,116.14        | 24.00  | 65.730   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 25           | 59.40                   | 1,114.79        | 24.00  | 65.723   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 26           | 59.40                   | 1,117.55        | 24.00  | 65.649   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 27           | 59.40                   | 1,112.50        | 24.00  | 65.612   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 28           | 59.40                   | 1,107.40        | 24.00  | 65.792   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 29           | 59.30                   | 1,107.15        | 24.00  | 63.309   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 30           | 0.00                    | 0.00            | 0.00   | 0.000    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 31           |                         |                 |        |          |                 |       |                         |                 |      |      |                 |       |
| <b>TOTAL</b> |                         | 33,663.28       | 696.00 | 2,048.77 | 0.00            | 0.00  |                         | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |

| Dec-22       | UNIT 1                  |                 |        |          |                 |       | UNIT 2                  |                 |      |      |                 |       |
|--------------|-------------------------|-----------------|--------|----------|-----------------|-------|-------------------------|-----------------|------|------|-----------------|-------|
|              | S-1 Gas Turbine         |                 |        |          | S-3 Supp Burner |       | S-2 Gas Turbine         |                 |      |      | S-4 Supp Burner |       |
|              | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs    | MWH      | Fuel Used MMBTU | Hrs   | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs  | MWH  | Fuel Used MMBTU | Hrs   |
|              | (1)                     | (1)             | (1)    | (1)      | (1)             | (1,2) | (1)                     | (1)             | (1)  | (1)  | (1)             | (1,2) |
| 1            | 0.00                    | 0.00            | 0.00   | 0.000    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 2            | 0.00                    | 0.00            | 0.00   | 0.000    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 3            | 0.00                    | 0.00            | 0.00   | 0.000    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 4            | 0.00                    | 0.00            | 0.00   | 0.000    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 5            | 0.00                    | 0.00            | 0.00   | 0.000    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 6            | 0.00                    | 0.00            | 0.00   | 0.000    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 7            | 0.00                    | 0.00            | 0.00   | 0.000    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 8            | 59.40                   | 353.66          | 3.00   | 8.304    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 9            | 59.40                   | 1,178.83        | 24.00  | 66.576   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 10           | 59.40                   | 1,176.64        | 24.00  | 66.498   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 11           | 59.40                   | 1,180.04        | 24.00  | 66.471   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 12           | 59.40                   | 1,180.04        | 24.00  | 66.646   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 13           | 59.40                   | 1,183.56        | 24.00  | 66.632   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 14           | 59.40                   | 1,183.69        | 24.00  | 66.560   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 15           | 59.40                   | 1,185.22        | 24.00  | 66.739   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 16           | 59.40                   | 1,185.03        | 24.00  | 66.726   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 17           | 59.40                   | 1,187.71        | 24.00  | 66.722   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 18           | 59.40                   | 1,185.85        | 24.00  | 66.587   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 19           | 59.40                   | 1,190.55        | 24.00  | 66.620   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 20           | 59.40                   | 1,189.15        | 24.00  | 66.703   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 21           | 59.40                   | 1,185.42        | 24.00  | 66.533   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 22           | 59.40                   | 1,183.46        | 24.00  | 66.555   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 23           | 59.40                   | 1,183.83        | 24.00  | 66.499   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 24           | 59.40                   | 1,187.14        | 24.00  | 66.642   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 25           | 59.40                   | 1,185.22        | 24.00  | 66.556   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 26           | 59.40                   | 1,178.85        | 24.00  | 66.689   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 27           | 59.40                   | 1,183.60        | 24.00  | 66.618   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 28           | 59.40                   | 1,184.29        | 24.00  | 66.668   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 29           | 59.40                   | 1,180.37        | 24.00  | 66.442   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 30           | 59.40                   | 1,172.10        | 24.00  | 66.299   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 31           | 59.40                   | 1,181.59        | 24.00  | 66.583   | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| <b>TOTAL</b> |                         | 27,565.82       | 555.00 | 1,539.87 | 0.00            | 0.00  |                         | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |

| Jan-23       | UNIT 1                  |                 |        |          |                 |       | UNIT 2                  |                 |      |      |                 |       |
|--------------|-------------------------|-----------------|--------|----------|-----------------|-------|-------------------------|-----------------|------|------|-----------------|-------|
|              | S-1 Gas Turbine         |                 |        |          | S-3 Supp Burner |       | S-2 Gas Turbine         |                 |      |      | S-4 Supp Burner |       |
|              | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs    | MWH      | Fuel Used MMBTU | Hrs   | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs  | MWH  | Fuel Used MMBTU | Hrs   |
|              | (1)                     | (1)             | (1)    | (1)      | (1)             | (1,2) | (1)                     | (1)             | (1)  | (1)  | (1)             | (1,2) |
| 1            | 59.40                   | 1,179.12        | 24.00  | 66.52    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 2            | 59.40                   | 1,186.58        | 24.00  | 66.58    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 3            | 59.40                   | 1,179.95        | 24.00  | 66.48    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 4            | 59.40                   | 1,182.00        | 24.00  | 66.60    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 5            | 59.40                   | 1,180.88        | 24.00  | 66.45    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 6            | 59.40                   | 1,183.85        | 24.00  | 66.63    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 7            | 59.40                   | 1,181.97        | 24.00  | 66.53    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 8            | 59.40                   | 1,176.17        | 24.00  | 66.30    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 9            | 59.40                   | 1,180.29        | 24.00  | 66.67    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 10           | 59.40                   | 1,181.80        | 24.00  | 66.58    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 11           | 59.40                   | 1,186.75        | 24.00  | 66.51    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 12           | 59.40                   | 691.39          | 14.00  | 38.75    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 13           | 59.40                   | 1,192.70        | 24.00  | 66.79    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 14           | 59.40                   | 1,184.74        | 24.00  | 66.67    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 15           | 59.40                   | 1,187.83        | 24.00  | 66.59    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 16           | 59.40                   | 1,195.20        | 24.00  | 66.75    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 17           | 59.40                   | 1,199.00        | 24.00  | 66.74    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 18           | 59.40                   | 1,193.93        | 24.00  | 66.66    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 19           | 59.40                   | 1,190.15        | 24.00  | 66.76    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 20           | 59.40                   | 1,194.45        | 24.00  | 66.74    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 21           | 59.40                   | 1,193.26        | 24.00  | 66.47    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 22           | 59.40                   | 1,188.50        | 24.00  | 66.64    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 23           | 59.40                   | 1,183.43        | 24.00  | 66.49    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 24           | 59.40                   | 1,189.71        | 24.00  | 66.58    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 25           | 59.40                   | 1,187.37        | 24.00  | 66.58    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 26           | 59.40                   | 1,182.77        | 24.00  | 66.50    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 27           | 59.40                   | 1,188.45        | 24.00  | 66.53    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 28           | 59.40                   | 1,187.07        | 24.00  | 66.63    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 29           | 59.40                   | 1,189.07        | 24.00  | 66.66    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 30           | 59.40                   | 1,192.01        | 24.00  | 66.63    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 31           | 59.40                   | 1,190.92        | 24.00  | 66.58    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| <b>TOTAL</b> |                         | 36,301.31       | 734.00 | 2,036.58 | 0.00            | 0.00  |                         | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |

| Feb-23       | UNIT 1                  |                 |        |          |                 |       | UNIT 2                  |                 |      |      |                 |       |
|--------------|-------------------------|-----------------|--------|----------|-----------------|-------|-------------------------|-----------------|------|------|-----------------|-------|
|              | S-1 Gas Turbine         |                 |        |          | S-3 Supp Burner |       | S-2 Gas Turbine         |                 |      |      | S-4 Supp Burner |       |
|              | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs    | MWH      | Fuel Used MMBTU | Hrs   | Avg 24Hr H2O/Fuel Ratio | Fuel Used MMBTU | Hrs  | MWH  | Fuel Used MMBTU | Hrs   |
|              | (1)                     | (1)             | (1)    | (1)      | (1)             | (1,2) | (1)                     | (1)             | (1)  | (1)  | (1)             | (1,2) |
| 1            | 59.40                   | 1,185.98        | 24.00  | 66.60    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 2            | 59.40                   | 1,185.54        | 24.00  | 66.64    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 3            | 59.40                   | 1,185.14        | 24.00  | 66.61    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 4            | 59.40                   | 1,182.73        | 24.00  | 66.67    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 5            | 59.40                   | 1,182.84        | 24.00  | 66.57    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 6            | 59.40                   | 1,186.01        | 24.00  | 66.62    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 7            | 59.40                   | 1,185.61        | 24.00  | 66.56    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 8            | 59.40                   | 1,185.48        | 24.00  | 66.53    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 9            | 59.40                   | 1,186.25        | 24.00  | 66.70    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 10           | 59.40                   | 1,189.93        | 24.00  | 66.57    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 11           | 59.40                   | 1,191.00        | 24.00  | 66.49    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 12           | 59.40                   | 1,183.89        | 24.00  | 66.37    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 13           | 59.40                   | 1,184.50        | 24.00  | 66.47    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 14           | 59.40                   | 1,191.80        | 24.00  | 66.65    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 15           | 59.40                   | 1,190.55        | 24.00  | 66.55    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 16           | 59.40                   | 1,188.14        | 24.00  | 66.39    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 17           | 59.40                   | 1,187.51        | 24.00  | 66.66    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 18           | 59.40                   | 199.87          | 4.00   | 11.09    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 19           | 0.00                    | 0.00            | 0.00   | 0.00     | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 20           | 0.00                    | 0.00            | 0.00   | 0.00     | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 21           | 0.00                    | 0.00            | 0.00   | 0.00     | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 22           | 0.00                    | 0.00            | 0.00   | 0.00     | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 23           | 0.00                    | 0.00            | 0.00   | 0.00     | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 24           | 0.00                    | 0.00            | 0.00   | 0.00     | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 25           | 59.40                   | 198.22          | 4.00   | 11.11    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 26           | 59.40                   | 1,188.20        | 24.00  | 66.39    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 27           | 59.40                   | 1,192.60        | 24.00  | 66.59    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 28           | 59.40                   | 1,194.44        | 24.00  | 66.53    | 0.00            | 0.00  | 0.00                    | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |
| 29           |                         |                 |        |          |                 |       |                         |                 |      |      |                 |       |
| 30           |                         |                 |        |          |                 |       |                         |                 |      |      |                 |       |
| 31           |                         |                 |        |          |                 |       |                         |                 |      |      |                 |       |
| <b>TOTAL</b> |                         | 24,146.23       | 488.00 | 1,353.36 | 0.00            | 0.00  |                         | 0.00            | 0.00 | 0.00 | 0.00            | 0.00  |