



Mr. Mcebo Mkhathswa  
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Fezile Dabi District Municipality  
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1947

Date: 29 May 2025

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**LRP01PLA000 \_0458/20250513**

Dear Mr. Mkhathswa

**LETHABO POWER STATION EMISSION MONTHLY REPORT FOR APRIL 2025**

Please find attached Lethabo Power Station emission report for the month of April 2025.

Also attached are the Ambient Air Quality Monitoring Report, Complaints Register and the Fugitive Dust Fallout Monitoring Report for April 2025.

For any additional information please do not hesitate to contact us.

Yours sincerely

**Karabo Rakgolela**  
**GENERAL MANAGER**

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Eskom Holdings SOC Ltd Reg No 2002/015527/30



Report

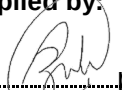
Lethabo Power Station

Report name: **Lethabo Power Station**  
**April 2025**  
**Emission Report**

Reference number: **LRP01PLA000 \_0458/20250513**  
Document Type: **Report**  
Area of Applicability: **Environment**  
Report Date: **May-2025**  
Classification: **Controlled Disclosure**

Signatures:

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Date: 21/05/2025

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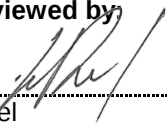
Date: 2025/05/26

Reviewed by:

  
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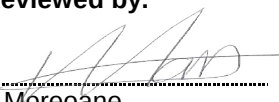
Date: 2025/05/26

Reviewed by:

  
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C&I Manager

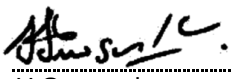
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**LETHABO POWER STATION MONTHLY EMISSIONS REPORT**

Atmospheric Emission License FDDM-MET-2011-08-P1


**1. RAW MATERIALS AND PRODUCTS**

| Raw Materials and Products | Raw Material Type         | Units  | Maximum Permitted Consumption Rate    | Consumption Rate Apr-2025           |
|----------------------------|---------------------------|--------|---------------------------------------|-------------------------------------|
|                            | Coal                      | Tons   | 2 000 000                             | 997 058                             |
|                            | Fuel Oil                  | Tons   | 1 700                                 | 1374.270                            |
|                            |                           |        |                                       |                                     |
| Production Rates           | Product / By-Product Name | Units  | Maximum Production Capacity Permitted | Indicative Production Rate Apr-2025 |
|                            | Energy                    | GWh    | 2 743.200                             | 1 314.061                           |
|                            | Ash                       | Tons   | 770 000                               | 414 277.645                         |
|                            | RE Ash                    | kg/MWh | Not Specified                         | 315.265                             |

Note: Maximum energy rate is as per the maximum capacity stated in the AEL:  $[3\,810\text{ MW}] \times 24\text{ hrs} \times \text{days in Month}/1000$  to convert to GWh.

**2. ENERGY SOURCE CHARACTERISTICS**

| Coal Characteristic | Units | Stipulated Range | Monthly Average Content |
|---------------------|-------|------------------|-------------------------|
|                     |       |                  |                         |
| Sulphur Content     | %     | 0.656 (Standard) | 0.670                   |
| Ash Content         | %     | 37.37 (Standard) | 41.550                  |

Note: The "standard" is not necessary a limit, but merely a optimum indication, it will fluctuate as the coal quality changes. The Stipulated Range are the Station acceptance test values.

### 3. EMISSION LIMITS (mg/Nm<sup>3</sup>)

| Associated Unit/Stack | PM  | SO <sub>2</sub> | NO <sub>x</sub> |
|-----------------------|-----|-----------------|-----------------|
| Unit 1                | 100 | 2600            | 1100            |
| Unit 2                | 100 | 2600            | 1100            |
| Unit 3                | 100 | 2600            | 1100            |
| Unit 4                | 100 | 2600            | 1100            |
| Unit 5                | 100 | 2600            | 1100            |
| Unit 6                | 50  | 2600            | 1100            |

### 4. ABATEMENT TECHNOLOGY (%)

| Associated Unit/Stack | Technology Type                  | Efficiency Apr-2025 | Technology Type | SO <sub>3</sub> Utilization Apr-2025 |
|-----------------------|----------------------------------|---------------------|-----------------|--------------------------------------|
| Unit 1                | Electrostatic Precipitator (ESP) | 94.94%              | SO <sub>3</sub> | 95.6%                                |
| Unit 2                | Electrostatic Precipitator (ESP) | Unit Off-line       | SO <sub>3</sub> | Off-line                             |
| Unit 3                | Electrostatic Precipitator (ESP) | 99.46%              | SO <sub>3</sub> | 91.3%                                |
| Unit 4                | Electrostatic Precipitator (ESP) | 97.85%              | SO <sub>3</sub> | 85.6%                                |
| Unit 5                | Electrostatic Precipitator (ESP) | 99.12%              | SO <sub>3</sub> | 88.6%                                |
| Unit 6                | Electrostatic Precipitator (ESP) | 99.83%              | SO <sub>3</sub> | 99.8%                                |

Note: ESP plant does not have bypass mode operation, hence plant 100% Utilised.

### 5. MONITOR RELIABILITY (%)

| Associated Unit/Stack | PM   | SO <sub>2</sub> | NO   |
|-----------------------|------|-----------------|------|
| Unit 1                | 72.0 | 98.6            | 98.6 |
| Unit 2                | Off  | Off             | Off  |
| Unit 3                | 99.2 | 98.6            | 98.6 |
| Unit 4                | 87.5 | 92.6            | 91.9 |
| Unit 5                | 94.0 | 99.2            | 99.2 |
| Unit 6                | 99.1 | 99.2            | 99.2 |

Note: NO<sub>x</sub> emissions is measured as NO in PPM. Final NO<sub>x</sub> value is expressed as total NO<sub>2</sub>

## 6. EMISSION PERFORMANCE

Table 6.1: Monthly tonnages for the month of April 2025

| Associated Unit/Stack | PM (tons)      | SO <sub>2</sub> (tons) | NO <sub>x</sub> (tons) |
|-----------------------|----------------|------------------------|------------------------|
| Unit 1                | 4 993.1        | 2 755                  | 1 245                  |
| Unit 2                | Off            | Off                    | Off                    |
| Unit 3                | 389.9          | 3 176                  | 1 163                  |
| Unit 4                | 685.5          | 1 353                  | 532                    |
| Unit 5                | 791.1          | 3539                   | 1337                   |
| Unit 6                | 138.8          | 3 566                  | 1 588                  |
| <b>SUM</b>            | <b>6 998.4</b> | <b>14 389</b>          | <b>5 866</b>           |

Table 6.2: Operating days in compliance to PM AEL Limit - April 2025

| Associated Unit/Stack | Normal    | Grace     | Section 30 | Contraven-<br>tion | Total Exceedance | Average PM (mg/Nm <sup>3</sup> ) |
|-----------------------|-----------|-----------|------------|--------------------|------------------|----------------------------------|
| Unit 1                | 7         | 11        | 0          | 8                  | 19               | 3 447.3                          |
| Unit 2                | Off       | Off       | Off        | Off                | Off              | Off                              |
| Unit 3                | 4         | 10        | 0          | 7                  | 17               | 544.0                            |
| Unit 4                | 2         | 7         | 0          | 1                  | 8                | 1 559.9                          |
| Unit 5                | 11        | 10        | 0          | 9                  | 19               | 378.3                            |
| Unit 6                | 11        | 14        | 0          | 4                  | 18               | 83.5                             |
| <b>SUM</b>            | <b>35</b> | <b>52</b> | <b>0</b>   | <b>29</b>          | <b>81</b>        |                                  |

Table 6.3: Operating days in compliance to SO<sub>2</sub> AEL Limit - April 2025

| Associated Unit/Stack | Normal     | Grace    | Section 30 | Contraven-<br>tion | Total Exceedance | Average SO <sub>2</sub> (mg/Nm <sup>3</sup> ) |
|-----------------------|------------|----------|------------|--------------------|------------------|-----------------------------------------------|
| Unit 1                | 27         | 0        | 0          | 0                  | 0                | 1 732.1                                       |
| Unit 2                | Off        | Off      | Off        | Off                | Off              | Off                                           |
| Unit 3                | 24         | 0        | 0          | 0                  | 0                | 1 783.9                                       |
| Unit 4                | 14         | 0        | 0          | 0                  | 0                | 1 906.5                                       |
| Unit 5                | 30         | 0        | 0          | 0                  | 0                | 1 739.0                                       |
| Unit 6                | 30         | 0        | 0          | 0                  | 0                | 1 919.9                                       |
| <b>SUM</b>            | <b>125</b> | <b>0</b> | <b>0</b>   | <b>0</b>           | <b>0</b>         |                                               |

Table 6.4: Operating days in compliance to NOx AEL Limit - April 2025

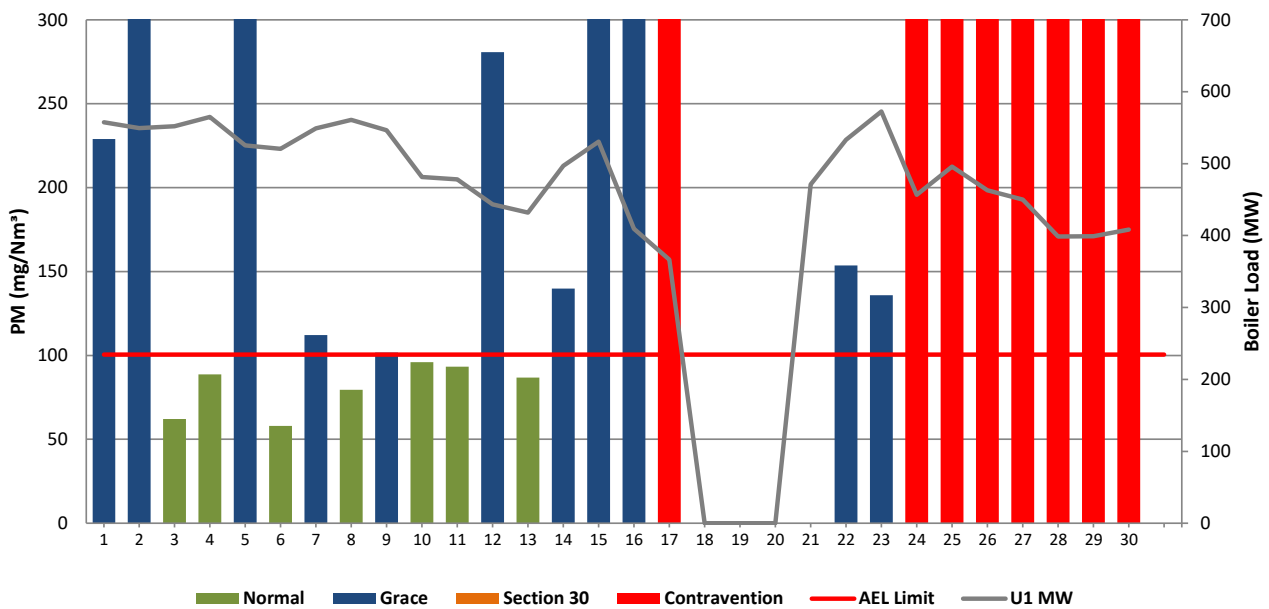
| Associated Unit/Stack | Normal     | Grace    | Section 30 | Contra-vention | Total Exceedance | Average NOx (mg/Nm³) |
|-----------------------|------------|----------|------------|----------------|------------------|----------------------|
| Unit 1                | 27         | 0        | 0          | 0              | 0                | 778.9                |
| Unit 2                | Off        | Off      | Off        | Off            | Off              | Off                  |
| Unit 3                | 24         | 0        | 0          | 0              | 0                | 645.5                |
| Unit 4                | 14         | 0        | 0          | 0              | 0                | 713.8                |
| Unit 5                | 30         | 0        | 0          | 0              | 0                | 656.8                |
| Unit 6                | 30         | 0        | 0          | 0              | 0                | 852.5                |
| <b>SUM</b>            | <b>125</b> | <b>0</b> | <b>0</b>   | <b>0</b>       | <b>0</b>         |                      |

Note: NOx emissions is measured as NO in PPM. Final NOx value is expressed as total NO<sub>2</sub>

Table 6.5: Legend Description

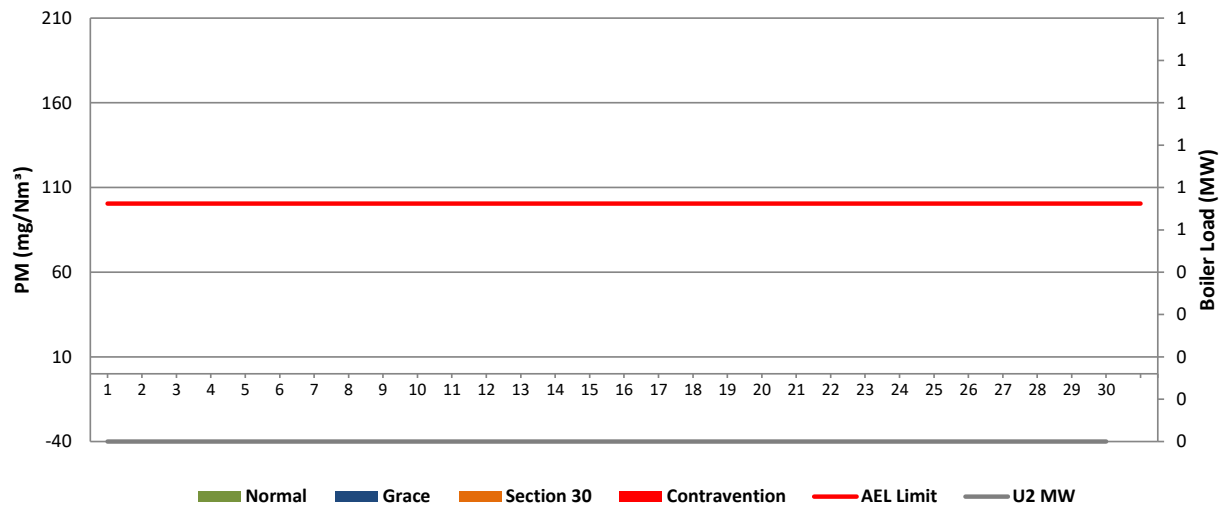
| Condition      | Colour | Description                                                      |
|----------------|--------|------------------------------------------------------------------|
| Normal         | GREEN  | Emissions below Emission Limit Value (ELV)                       |
| Grace          | BLUE   | Emissions above the ELV during grace period                      |
| Section 30     | ORANGE | Emissions above ELV during a NEMA S30 incident                   |
| Contra-vention | RED    | Emissions above ELV but outside grace or S30 incident conditions |

**Figure 1: Lethabo Unit 1 PM Emissions - April 2025**

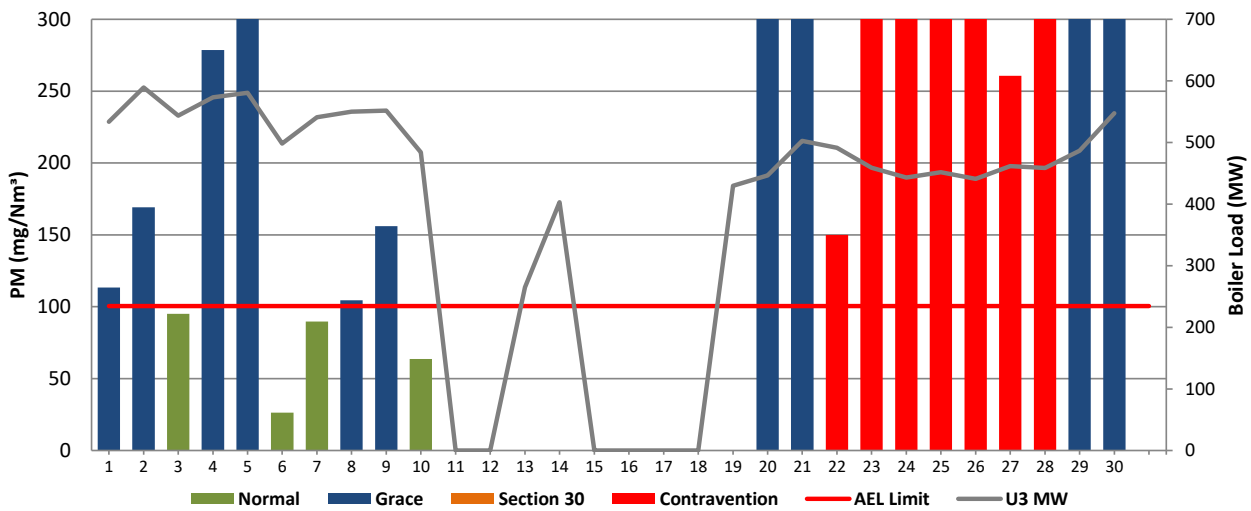


| Reasons: |                                                                                                                                                      |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date     | Description                                                                                                                                          |
| 01-Apr   | Poor ESP casing performance.SO3 leakage.                                                                                                             |
| 02-Apr   | Poor ESP casing performance.SO3 leakage.                                                                                                             |
| 05-Apr   | Poor ESP casing performance.SO3 leakage.High hopper levels.                                                                                          |
| 07-Apr   | Poor ESP casing performance.Manual rapping done.                                                                                                     |
| 09-Apr   | Poor ESP casing performance.Manual rapping done.High hopper levels.                                                                                  |
| 12-Apr   | Poor ESP casing performance.                                                                                                                         |
| 14-Apr   | Poor ESP casing performance.RHI ESP casing outage.                                                                                                   |
| 15-Apr   | High hopper levels.Poor ESP casing performance.DHP issues.SO3 plant tripped.                                                                         |
| 16-Apr   | High hopper levels.Poor ESP casing performance.DHP issues.                                                                                           |
| 17-Apr   | High hopper levels.Poor ESP casing performance.DHP issues.                                                                                           |
| 18-Apr   | High hopper levels.Poor ESP casing performance.DHP issues.Unit shutdown for DHP issues.                                                              |
| 22-Apr   | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25. |
| 23-Apr   | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25. |
| 24-Apr   | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25. |
| 25-Apr   | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25. |
| 26-Apr   | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25. |
| 27-Apr   | Poor ESP casing performance.High hopper levels.DHP issues.                                                                                           |
| 28-Apr   | Poor ESP casing performance.High hopper levels.DHP issues.                                                                                           |
| 29-Apr   | Poor ESP casing performance.High hopper levels.DHP issues.                                                                                           |
| 30-Apr   | Poor ESP casing performance.High hopper levels.DHP issues.                                                                                           |

Figure 2: Lethabo Unit 2 PM Emissions - April 2025

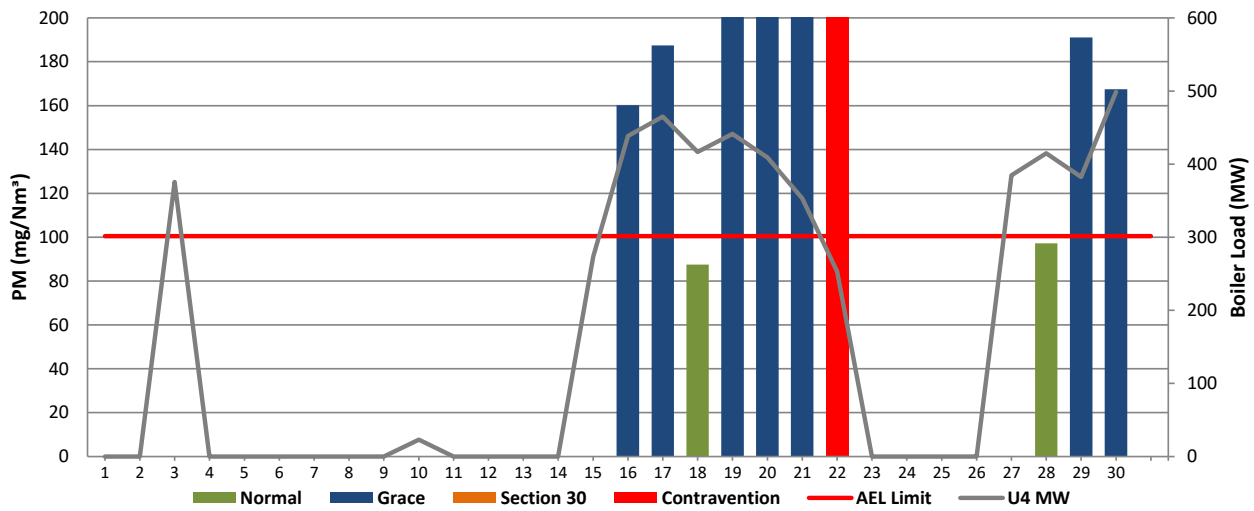


**Figure 3: Lethabo Unit 3 PM Emissions - April 2025**



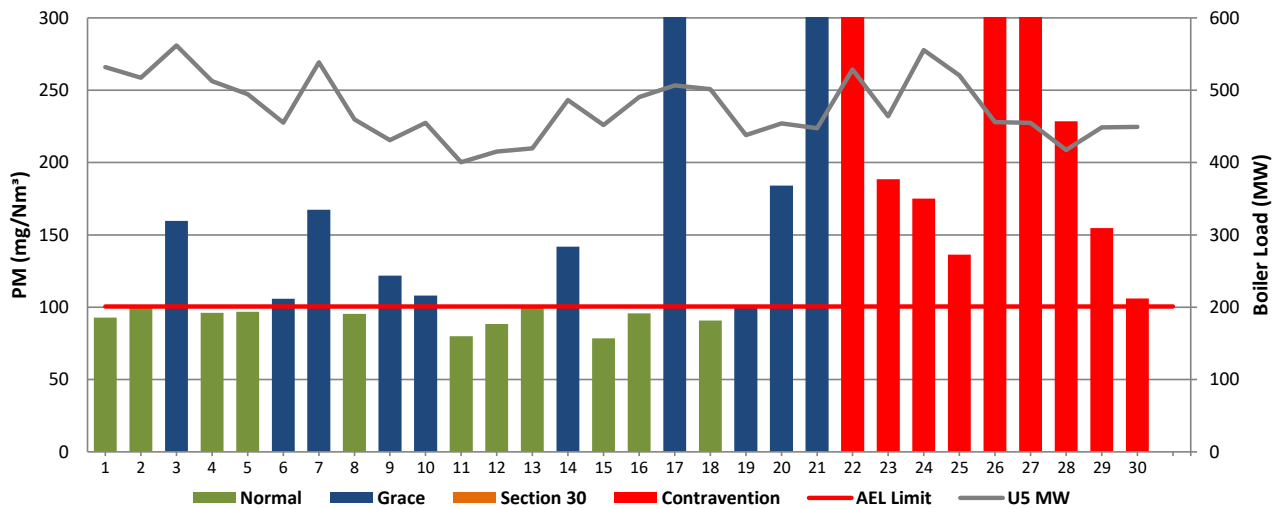
| Reasons: |                                                                                                                                                    |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Date     | Description                                                                                                                                        |
| 01-Apr   | Poor ESP casing performance.High hopper levels.DHP issues.                                                                                         |
| 02-Apr   | Poor ESP casing performance.High hopper levels.DHP issues.                                                                                         |
| 04-Apr   | SO3 Plant tripped.Poor ESP casings performance.                                                                                                    |
| 05-Apr   | SO3 Plant tripped.Poor ESP casings performance.                                                                                                    |
| 08-Apr   | Poor ESP casing performance.                                                                                                                       |
| 09-Apr   | Poor ESP casing performance.Clean rapping brought forward.                                                                                         |
| 20-Apr   | Unit synchronised on 2025/04/19 @ 06:43 and emissions need to be below the limit by 2025/04/22 @ 06:43 and continue being below on the 2025/04/23. |
| 21-Apr   | Unit synchronised on 2025/04/19 @ 06:43 and emissions need to be below the limit by 2025/04/22 @ 06:43 and continue being below on the 2025/04/23. |
| 22-Apr   | Unit synchronised on 2025/04/19 @ 06:43 and emissions need to be below the limit by 2025/04/22 @ 06:43 and continue being below on the 2025/04/23. |
| 23-Apr   | Unit synchronised on 2025/04/19 @ 06:43 and emissions need to be below the limit by 2025/04/22 @ 06:43 and continue being below on the 2025/04/23. |
| 24-Apr   | Poor ESP casing performance.SO3 plant tripped.DHP issues.                                                                                          |
| 25-Apr   | Poor ESP casing performance.SO3 plant tripped.DHP issues.                                                                                          |
| 26-Apr   | Poor ESP casing performance.High hopper levels.DHP issues.SO3 plant issues.                                                                        |
| 27-Apr   | Poor ESP casing performance.High hopper levels.DHP issues.                                                                                         |
| 28-Apr   | Poor ESP casing performance.High hopper levels.DHP issues.                                                                                         |
| 29-Apr   | Poor ESP casing performance.<br>High hopper levels.                                                                                                |
| 30-Apr   | Boiler tripped due to LH Hydrastep.Poor ESP casing performance.High hopper levels.                                                                 |

**Figure 4: Lethabo Unit 4 PM Emissions - April 2025**



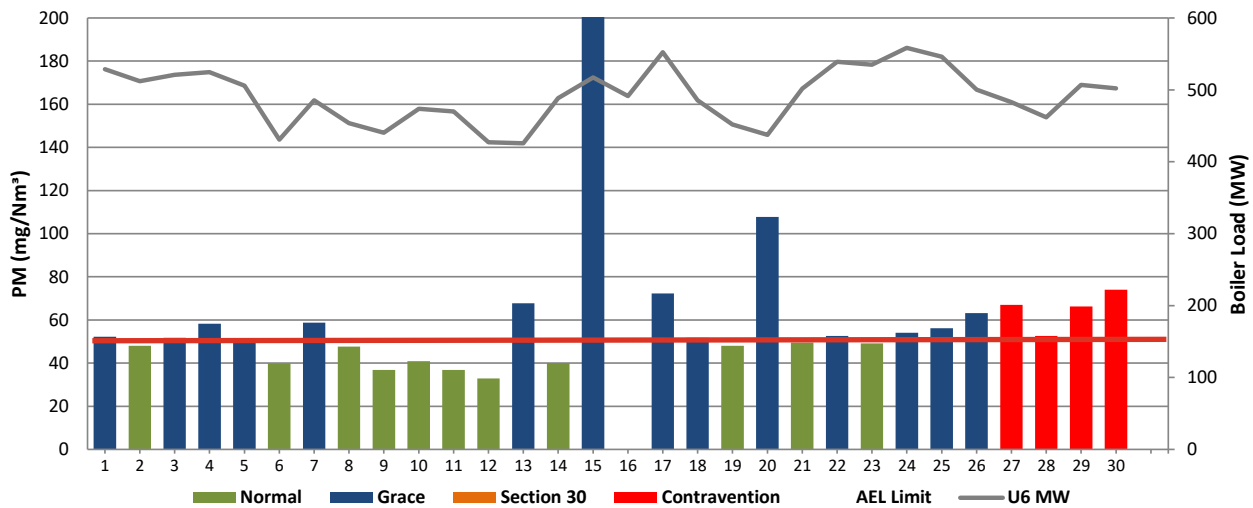
| Reasons: |                                                                           |
|----------|---------------------------------------------------------------------------|
| Date     | Description                                                               |
| 16-Apr   | Unit 4 start up conditions after BTL.                                     |
| 17-Apr   | Unit 4 start up conditions after BTL.                                     |
| 19-Apr   | Unit 4 start up conditions after BTL.                                     |
| 20-Apr   | Poor ESP casing performance.Manual rapping done.                          |
| 21-Apr   | Poor ESP casing performance.DHP issues.                                   |
| 22-Apr   | Poor ESP casing performance.LHO ESP casing outage.Unit load below 350 MW. |
| 29-Apr   | Unit running at low loads (No abatement plants).                          |
| 30-Apr   | Precip fields off due to low loads (340MW)                                |

**Figure 5: Lethabo Unit 5 PM Emissions - April 2025**



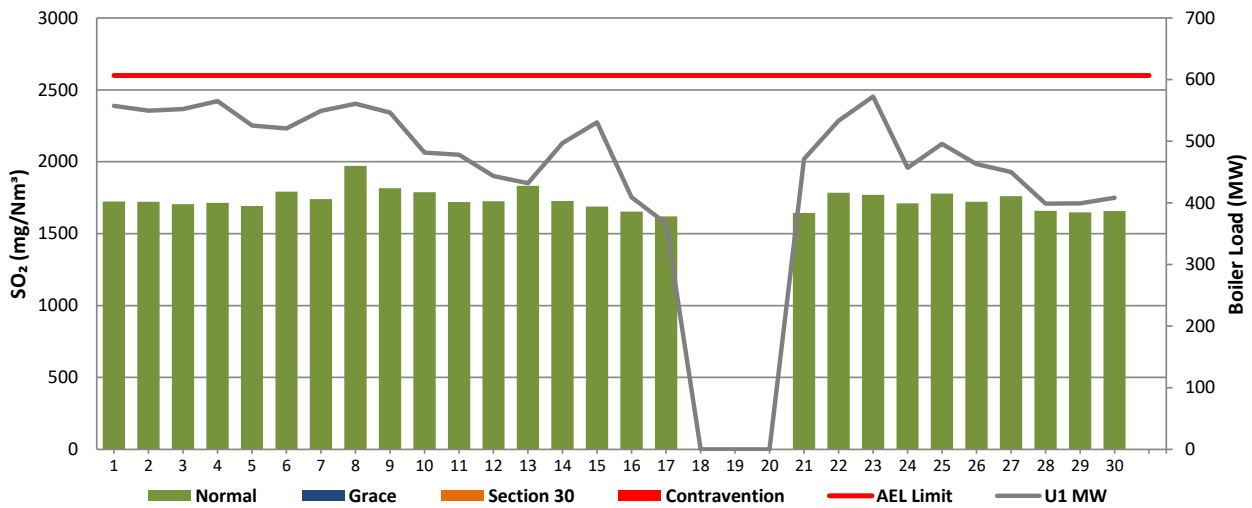
| Reasons: |                                                                                                     |
|----------|-----------------------------------------------------------------------------------------------------|
| Date     | Description                                                                                         |
| 03-Apr   | Poor ESP casing performance.High hopper levels.                                                     |
| 06-Apr   | Poor ESP casing performance.High hopper levels.                                                     |
| 07-Apr   | Poor ESP casing performance.SO3 Plant tripped.Monitor off due to electrical board issues.           |
| 09-Apr   | Poor ESP casings performance.Clean rapping brought forward.                                         |
| 10-Apr   | Poor ESP casing performance.Manual rapping done.                                                    |
| 14-Apr   | Poor ESP casing performance.                                                                        |
| 17-Apr   | Poor ESP casing performance.Manual rapping done.                                                    |
| 19-Apr   | Poor ESP casing performance                                                                         |
| 20-Apr   | Poor ESP casing performance.SO3 plant cooling air fan off for repairs.                              |
| 21-Apr   | Poor ESP casing performance.SO3 plant cooling air fan off for repairs.                              |
| 22-Apr   | Poor ESP casing performance.SO3 plant cooling air fan off for repairs.SO3 plant Air blower repairs. |
| 23-Apr   | Poor ESP casing performance.SO3 plant Air blower repairs.Manual rapping done.                       |
| 24-Apr   | Poor ESP casing performance.SO3 plant Air blower repairs.SO3 plant sulphur flow off.                |
| 25-Apr   | Poor ESP casing performance.Clean rapping brought forward.                                          |
| 26-Apr   | Poor ESP casing performance.                                                                        |
| 27-Apr   | Poor ESP casing performance.LHI ESP casing on cooling for inspection and repairs.                   |
| 28-Apr   | Poor ESP casing performance.LHI ESP casing on cooling for inspection and repairs.                   |
| 29-Apr   | Poor ESP casing performance.LHI ESP casing on cooling for inspection and repairs.                   |
| 30-Apr   | Poor ESP casing performance.High hopper levels.                                                     |

**Figure 6: Lethabo Unit 6 PM Emissions - April 2025**



| Reasons: |                                                                      |
|----------|----------------------------------------------------------------------|
| Date     | Description                                                          |
| 01-Apr   | Higher hopper levels experienced causing poor casing performance     |
| 03-Apr   | Higher hopper levels experienced causing poor casing performance     |
| 04-Apr   | Higher hopper levels experienced causing poor casing performance     |
| 05-Apr   | Higher hopper levels experienced causing poor casing performance     |
| 07-Apr   | Higher hopper levels experienced causing poor casing performance     |
| 13-Apr   | LHO casing on PTW due to ash leaking                                 |
| 16-Apr   | Unit 6 shutdown due to no coal.                                      |
| 17-Apr   | Unit start-up                                                        |
| 18-Apr   | Unit start-up                                                        |
| 20-Apr   | LHI ESP casing outage.                                               |
| 22-Apr   | ESP Poor Performance                                                 |
| 24-Apr   | ESP Poor Performance                                                 |
| 25-Apr   | ESP Optimisation                                                     |
| 26-Apr   | ESP Optimisation                                                     |
| 27-Apr   | ESP Optimisation                                                     |
| 28-Apr   | ESP Optimisation                                                     |
| 29-Apr   | ESP Optimisation                                                     |
| 30-Apr   | No abatement plant available after unit 6 shut down for maintenance. |

**Figure 7: Lethabo Unit 1 SO<sub>2</sub> Emissions - April 2025**



**Figure 8: Lethabo Unit 2 SO<sub>2</sub> Emissions - April 2025**

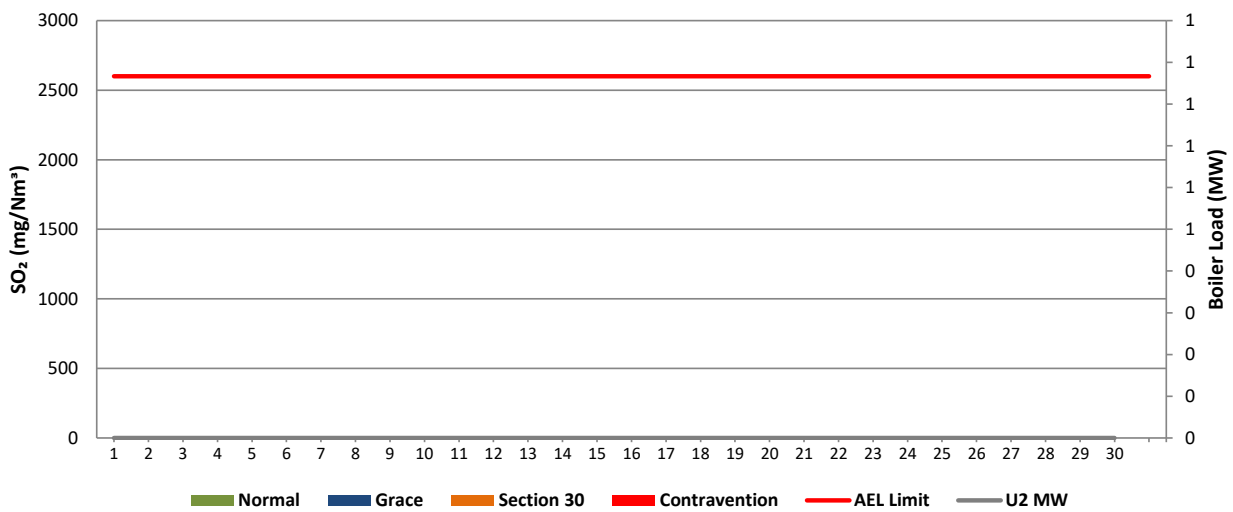


Figure 9: Lethabo Unit 3 SO<sub>2</sub> Emissions - April 2025

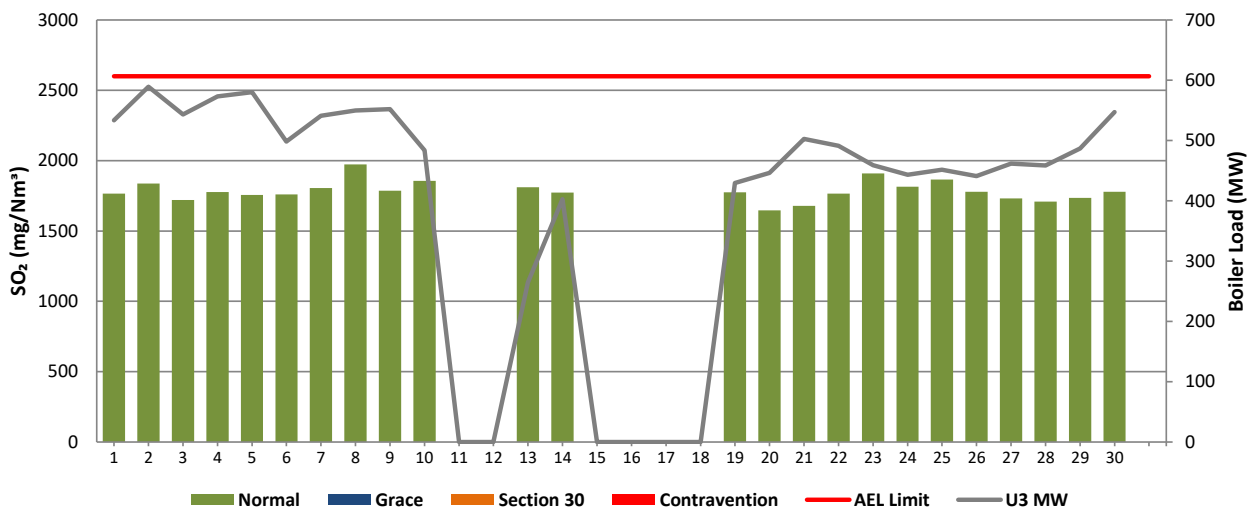


Figure 10: Lethabo Unit 4 SO<sub>2</sub> Emissions - April 2025

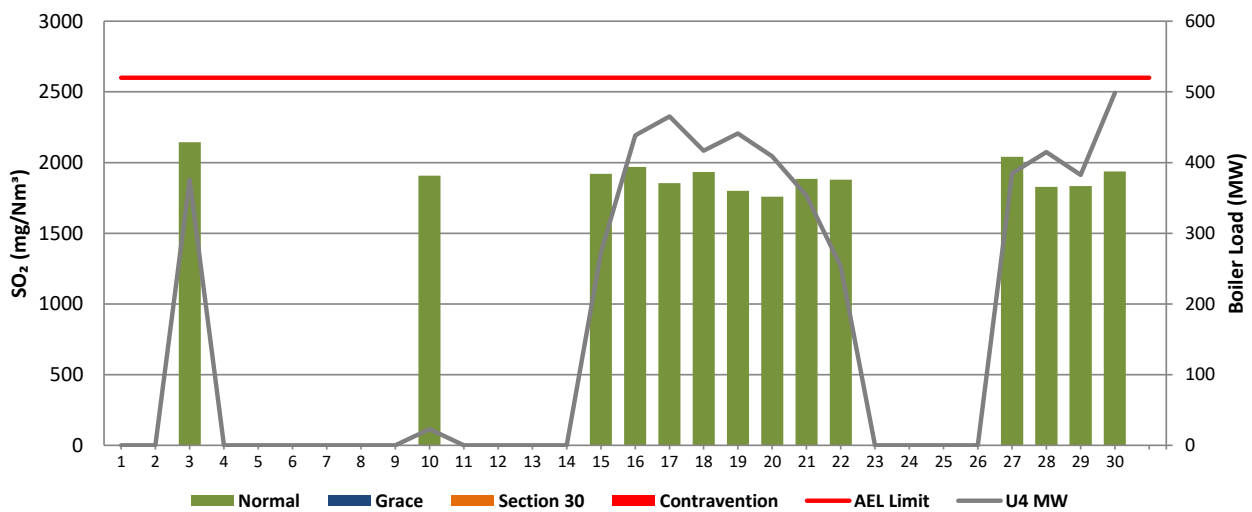


Figure 11: Lethabo Unit 5 SO<sub>2</sub> Emissions - April 2025

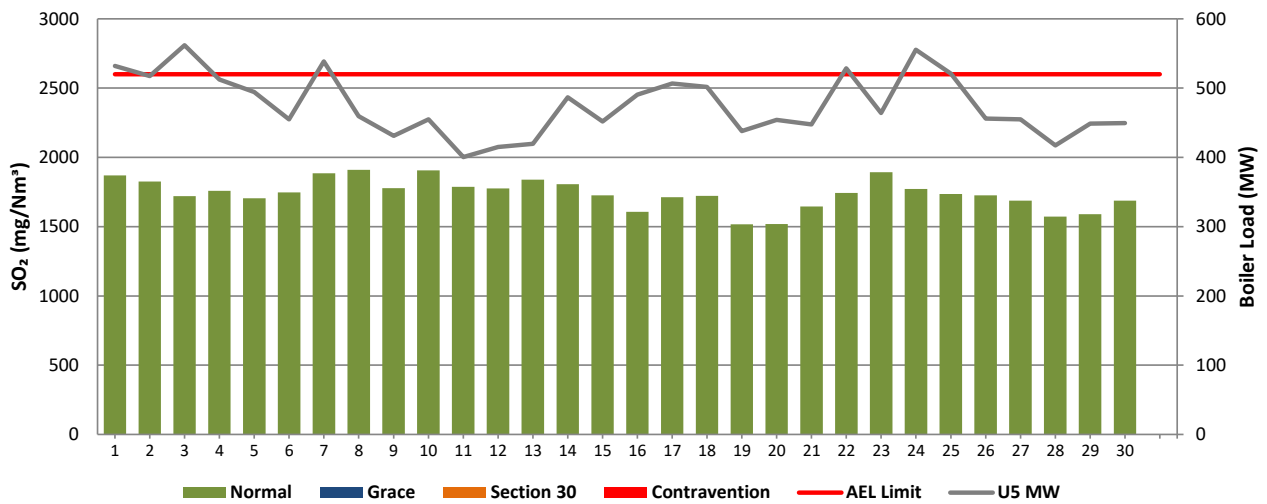


Figure 12: Lethabo Unit 6 SO<sub>2</sub> Emissions - April 2025

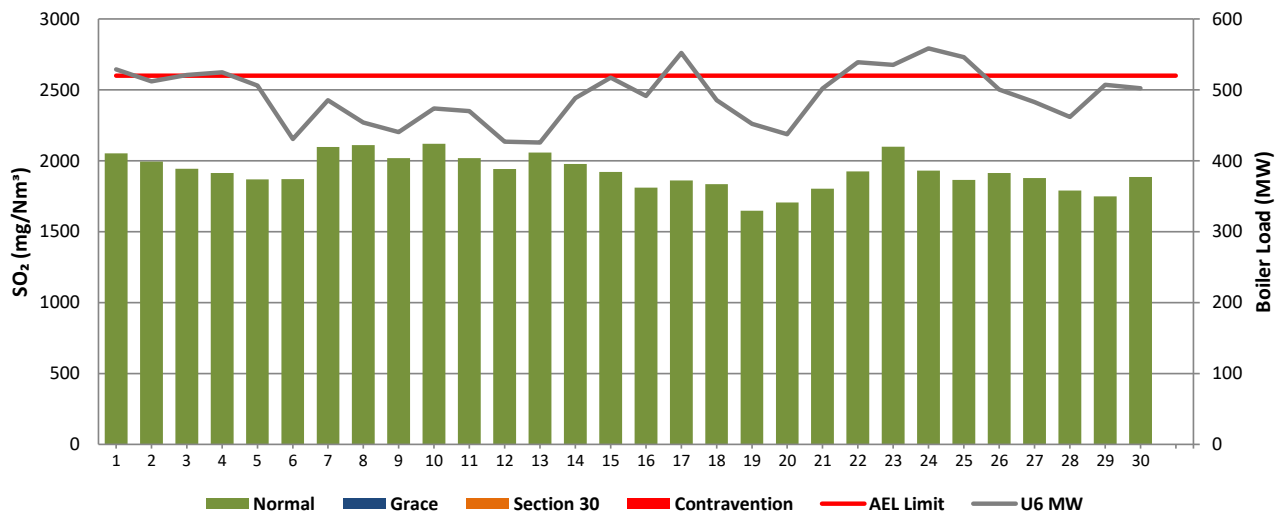


Figure 13: Lethabo Unit 1 NOx Emissions - April 2025

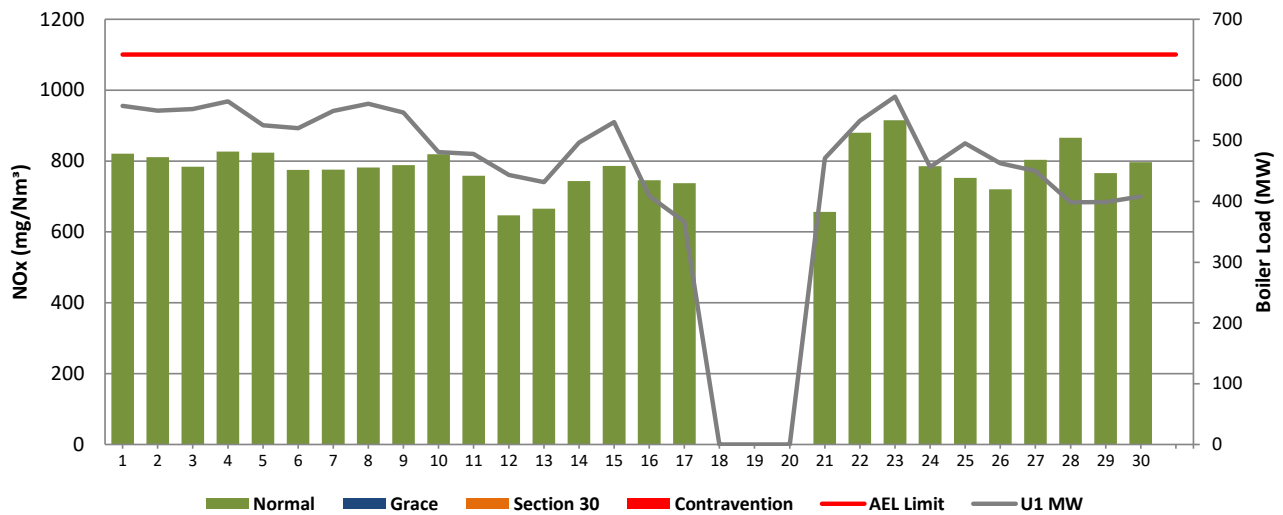


Figure 14: Lethabo Unit 2 NOx Emissions - April 2025

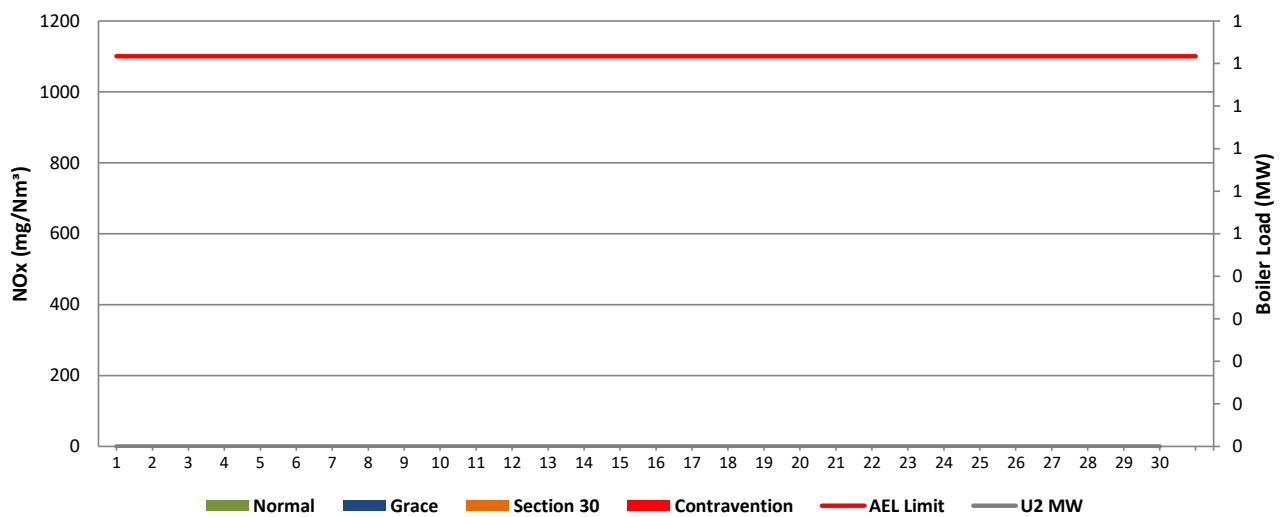


Figure 15: Lethabo Unit 3 NOx Emissions - April 2025

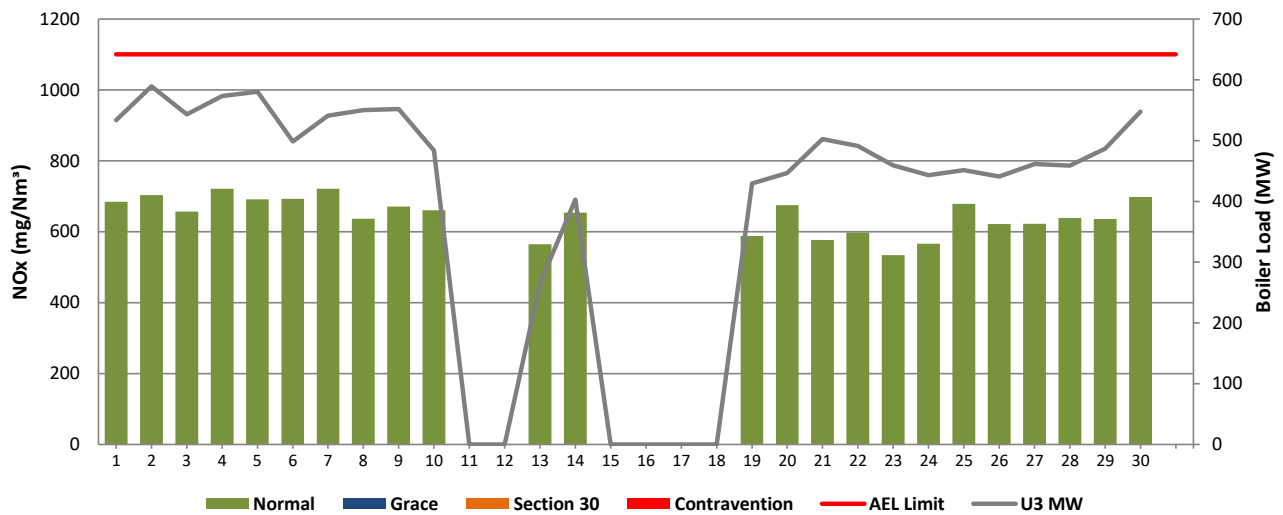
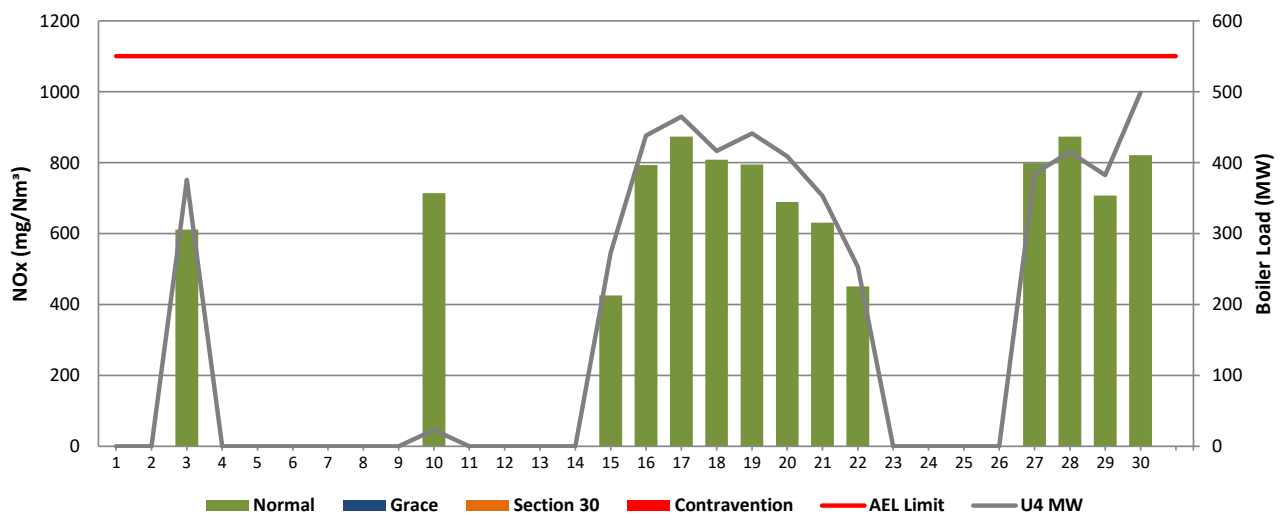
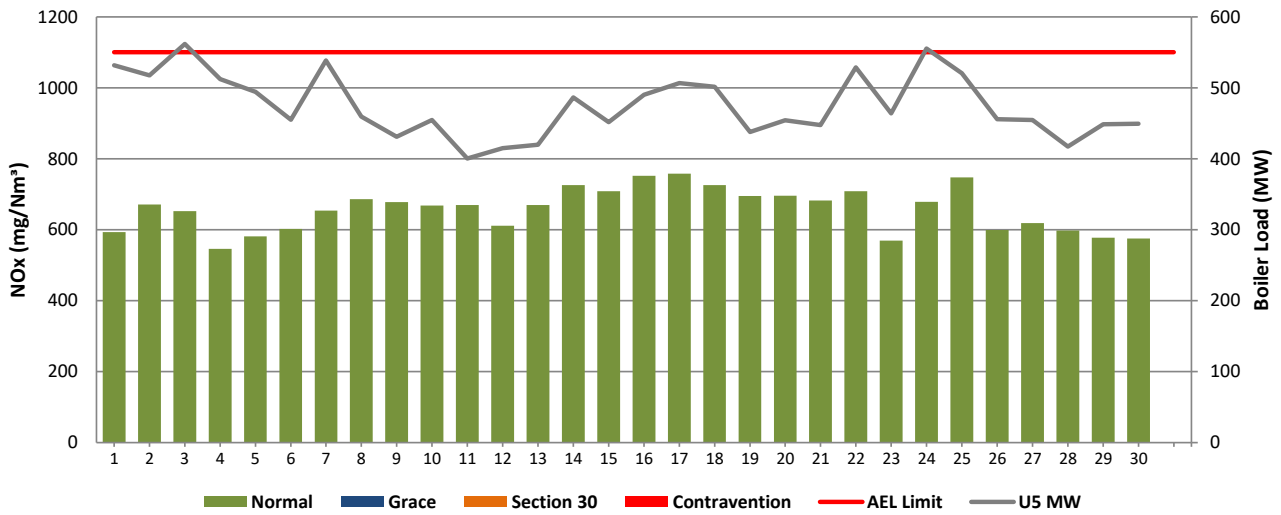


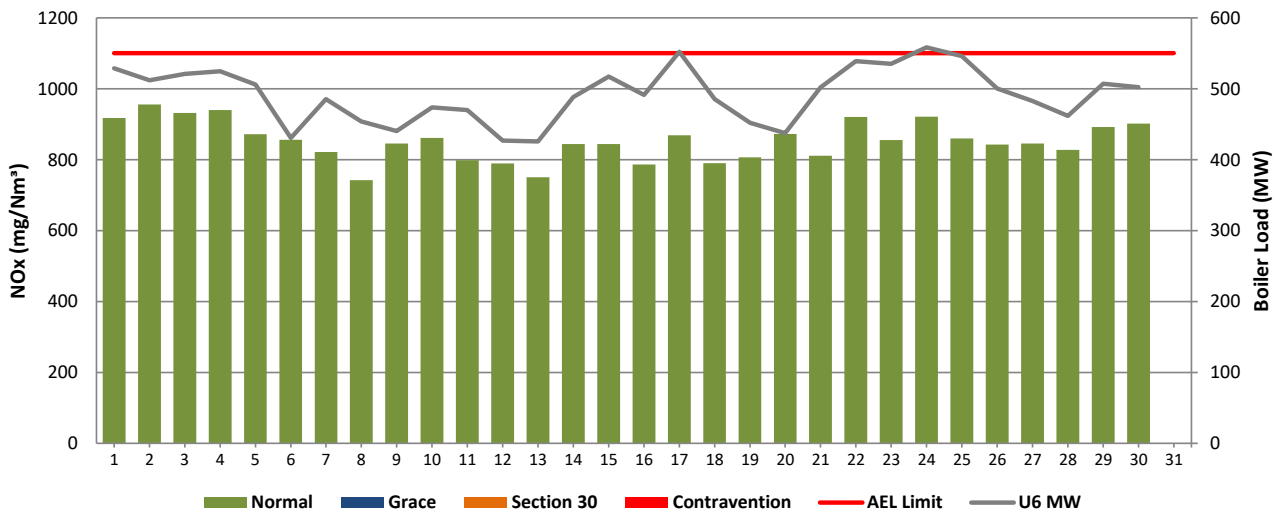
Figure 16: Lethabo Unit 4 NOx Emissions - April 2025



**Figure 17: Lethabo Unit 5 NOx Emissions - April 2025**



**Figure 18: Lethabo Unit 6 NOx Emissions - April 2025**



## 7 SHUT DOWN AND LIGHT UP INFORMATION

Table 7.1: PM Start-up information for the month of April 2025

|                                          |                               |             |  |  |  |  |  |  |
|------------------------------------------|-------------------------------|-------------|--|--|--|--|--|--|
| Unit No.1                                | <i>DHP and Casing repairs</i> |             |  |  |  |  |  |  |
| Breaker Open (BO)                        | 10:06 pm                      | 2025/04/17  |  |  |  |  |  |  |
| Draught Group (DG) Shut Down (SD)        | 10:00 am                      | 2025/04/18  |  |  |  |  |  |  |
| BO to DG SD (duration)                   | 00:11:54                      | DD:HH:MM    |  |  |  |  |  |  |
| Fires in time                            | 11:00 pm                      | 2025/04/20  |  |  |  |  |  |  |
| Synch. to Grid (or BC)                   | 10:05 pm                      | 2025/04/20  |  |  |  |  |  |  |
| Fires in to BC (duration)                | #####                         | DD:HH:MM    |  |  |  |  |  |  |
| Emissions below limit from BC (end date) | not > limit                   | not > limit |  |  |  |  |  |  |
| Emissions below limit from BC (duration) | n/a                           | DD:HH:MM    |  |  |  |  |  |  |

|                                          |  |  |  |  |  |  |  |  |
|------------------------------------------|--|--|--|--|--|--|--|--|
| Unit No.2                                |  |  |  |  |  |  |  |  |
| Breaker Open (BO)                        |  |  |  |  |  |  |  |  |
| Draught Group (DG) Shut Down (SD)        |  |  |  |  |  |  |  |  |
| BO to DG SD (duration)                   |  |  |  |  |  |  |  |  |
| Fires in time                            |  |  |  |  |  |  |  |  |
| Synch. to Grid (or BC)                   |  |  |  |  |  |  |  |  |
| Fires in to BC (duration)                |  |  |  |  |  |  |  |  |
| Emissions below limit from BC (end date) |  |  |  |  |  |  |  |  |
| Emissions below limit from BC (duration) |  |  |  |  |  |  |  |  |

| Unit No.3                                | BTL repairs |             | Tripped due to poor vacuum |             | Tripped due to Low drum level |             |  |  |
|------------------------------------------|-------------|-------------|----------------------------|-------------|-------------------------------|-------------|--|--|
| Breaker Open (BO)                        | 8:51 pm     | 2025/04/10  | 8:49 am                    | 2025/04/22  | 1:01 am                       | 2025/04/29  |  |  |
| Draught Group (DG) Shut Down (SD)        | 11:00 am    | 2025/04/12  | 10:00 am                   | 2025/04/22  | 2:00 am                       | 2025/04/29  |  |  |
| BO to DG SD (duration)                   | 01:14:09    | DD:HH:MM    | 00:01:11                   | DD:HH:MM    | 00:00:59                      | DD:HH:MM    |  |  |
| Fires in time                            | 2:50 pm     | 2025/04/13  | 10:15 am                   | 2025/04/22  | 6:00 am                       | 2025/04/29  |  |  |
| Synch. to Grid (or BC)                   | 8:24 pm     | 2025/04/13  | 2:27 pm                    | 2025/04/22  | 9:14 am                       | 2025/04/29  |  |  |
| Fires in to BC (duration)                | 00:05:34    | DD:HH:MM    | 00:04:12                   | DD:HH:MM    | 00:03:14                      | DD:HH:MM    |  |  |
| Emissions below limit from BC (end date) | not > limit | not > limit | not > limit                | not > limit | not > limit                   | not > limit |  |  |
| Emissions below limit from BC (duration) | n/a         | DD:HH:MM    | n/a                        | DD:HH:MM    | n/a                           | DD:HH:MM    |  |  |

| Unit No.4                                | Control Valve Stroke Checking , BTL , Unit tripped due to low Drum Level & Unit tripped on Turbine carryove |             | BTL repairs |             |  |  |  |  |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|--|--|--|--|
| Breaker Open (BO)                        |                                                                                                             |             | 9:23 pm     | 2025/04/22  |  |  |  |  |
| Draught Group (DG) Shut Down (SD)        |                                                                                                             |             | 10:00 am    | 2025/04/23  |  |  |  |  |
| BO to DG SD (duration)                   |                                                                                                             | DD:HH:MM    | 00:12:37    | DD:HH:MM    |  |  |  |  |
| Fires in time                            | 1:30 am                                                                                                     | 2025/04/15  | 8:30 am     | 2025/04/27  |  |  |  |  |
| Synch. to Grid (or BC)                   | 4:46 pm                                                                                                     | 2025/04/15  | 2:29 pm     | 2025/04/27  |  |  |  |  |
| Fires in to BC (duration)                | 00:15:16                                                                                                    | DD:HH:MM    | 00:05:59    | DD:HH:MM    |  |  |  |  |
| Emissions below limit from BC (end date) | not > limit                                                                                                 | not > limit | not > limit | not > limit |  |  |  |  |
| Emissions below limit from BC (duration) | n/a                                                                                                         | DD:HH:MM    | n/a         | DD:HH:MM    |  |  |  |  |

|                                          |  |  |  |  |  |  |  |  |
|------------------------------------------|--|--|--|--|--|--|--|--|
| Unit No.5                                |  |  |  |  |  |  |  |  |
| Breaker Open (BO)                        |  |  |  |  |  |  |  |  |
| Draught Group (DG) Shut Down (SD)        |  |  |  |  |  |  |  |  |
| BO to DG SD (duration)                   |  |  |  |  |  |  |  |  |
| Fires in time                            |  |  |  |  |  |  |  |  |
| Synch. to Grid (or BC)                   |  |  |  |  |  |  |  |  |
| Fires in to BC (duration)                |  |  |  |  |  |  |  |  |
| Emissions below limit from BC (end date) |  |  |  |  |  |  |  |  |
| Emissions below limit from BC (duration) |  |  |  |  |  |  |  |  |

|                                          |                                  |             |  |  |  |  |  |  |
|------------------------------------------|----------------------------------|-------------|--|--|--|--|--|--|
| Unit No.6                                | Shutdown due to low bunker empty |             |  |  |  |  |  |  |
| Breaker Open (BO)                        | 6:10 pm                          | 2025/04/15  |  |  |  |  |  |  |
| Draught Group (DG) Shut Down (SD)        | 7:00 pm                          | 2025/04/15  |  |  |  |  |  |  |
| BO to DG SD (duration)                   | 00:00:50                         | DD:HH:MM    |  |  |  |  |  |  |
| Fires in time                            | 3:40 am                          | 2025/04/15  |  |  |  |  |  |  |
| Synch. to Grid (or BC)                   | 8:12 am                          | 2025/04/16  |  |  |  |  |  |  |
| Fires in to BC (duration)                | 01:04:32                         | DD:HH:MM    |  |  |  |  |  |  |
| Emissions below limit from BC (end date) | not > limit                      | not > limit |  |  |  |  |  |  |
| Emissions below limit from BC (duration) | n/a                              | DD:HH:MM    |  |  |  |  |  |  |

7.2: Point Source emissions released during start-up (fires-in) and Shut-down (SD) for the month of April 2025 in mg/Nm³

## 8. MAINTENANCE

|                                 |                             |                          |                                |  |
|---------------------------------|-----------------------------|--------------------------|--------------------------------|--|
| <b>Unit 1</b>                   |                             |                          |                                |  |
| <b>Beginning of Maintenance</b> | 2025/04/04 23:58:00         | 2025/04/12 00:24:00      | 2025/04/26 00:00:00            |  |
| <b>Reason for Maintenance</b>   | RHI Precip. casing repairs. | RH inner casing repairs. | LH Inner precip casing repairs |  |
| <b>End (Time):</b>              | 2025/04/05 04:12:00         | 2025/04/13 00:00:00      | 2025/04/26 23:42:00            |  |
| <b>Duration</b>                 | 4:14:00                     | 23:36:00                 | 23:42:00                       |  |

|                                 |  |  |  |  |
|---------------------------------|--|--|--|--|
| <b>Unit 2</b>                   |  |  |  |  |
| <b>Beginning of Maintenance</b> |  |  |  |  |
| <b>Reason for Maintenance</b>   |  |  |  |  |
| <b>End (Time):</b>              |  |  |  |  |
| <b>Duration</b>                 |  |  |  |  |

|                                 |  |  |  |  |
|---------------------------------|--|--|--|--|
| <b>Unit 3</b>                   |  |  |  |  |
| <b>Beginning of Maintenance</b> |  |  |  |  |
| <b>Reason for Maintenance</b>   |  |  |  |  |
| <b>End (Time):</b>              |  |  |  |  |
| <b>Duration</b>                 |  |  |  |  |

|                                 |  |  |  |  |
|---------------------------------|--|--|--|--|
| <b>Unit 4</b>                   |  |  |  |  |
| <b>Beginning of Maintenance</b> |  |  |  |  |
| <b>Reason for Maintenance</b>   |  |  |  |  |
| <b>End (Time):</b>              |  |  |  |  |
| <b>Duration</b>                 |  |  |  |  |

|                                 |                                |  |  |  |
|---------------------------------|--------------------------------|--|--|--|
| <b>Unit 5</b>                   |                                |  |  |  |
| <b>Beginning of Maintenance</b> | 2025/04/26 00:00:00            |  |  |  |
| <b>Reason for Maintenance</b>   | LH Inner precip casing repairs |  |  |  |
| <b>End (Time):</b>              | 2025/04/28 23:59:00            |  |  |  |
| <b>Duration</b>                 | 71:59:00                       |  |  |  |

|                                 |                     |                           |                           |  |
|---------------------------------|---------------------|---------------------------|---------------------------|--|
| <b>Unit 6</b>                   |                     |                           |                           |  |
| <b>Beginning of Maintenance</b> | 2025/04/13 00:00:00 | 2025/04/13 17:32:00       | 2025/04/20 00:00:00       |  |
| <b>Reason for Maintenance</b>   | LHO casing repairs  | LHO precip casing repairs | LHI precip casing repairs |  |
| <b>End (Time):</b>              | 2025/04/13 17:32:00 | 2025/04/13 20:40:00       | 2025/04/20 23:05:00       |  |
| <b>Duration</b>                 | 17:32:00            | 3:08:00                   | 23:05:00                  |  |

## 9. GENERAL

### Unit 4 Monitor Reliability

21/04/2025 - 22/04/2025: PM monitor Reliability low due to monitor max out.

### unit 1 Monitor Reliability

15/04/2025 - 30/04/2025: PM monitor Reliability low due to monitor max out.

### Unit 5 Monitor Reliability

06/04/2025: PM monitor Reliability low due to electrical board issues.

### Unit 5 Monitor Reliability

22/04/2025: PM monitor Reliability low due to monitor max out.

### Unit 6 Monitor Reliability

06/04/2025: PM monitor Reliability low due to electrical board issues.

### Unit 5 & 6 Gaseous Monitor Reliability

06/04/2025: Gas Monitor Reliability low (Monitor off due to electrical board issues)

### Unit 1 Gaseous Monitor Reliability

23/04/2025: Gas Monitor Reliability low (Loss of power to the stack)

### Unit 1

On the 24/04/2025 to 30/04/2025, unit 1 registered a non-compliance as the unit exceeded for greater than 72 hrs light up conditions due to poor ESP performance, high hopper levels and DHP issues.

### Unit 3

On the 22/04/2025 to 30/04/2025, unit 3 registered a non-compliance as the unit exceeded for greater than 72 hrs light up conditions due to poor ESP performance, high hopper levels, DHP issues.

### Unit 4

on the 22/04/2025, unit 4 registered a non-compliance as the unit exceeded for greater than 72 hrs upset conditions due to unit running at low loads (No abatement plants) and unit shut down for BTL.

### Unit 5

On 22/04/2025, unit 5 registered a non-compliance as the unit exceeded for greater than 72 hrs upset conditions due to poor ESP casing performance, SO3 plant Air blower repairs, manual rapping performed.

### Unit 6

On 27/04/2025, unit 6 registered a non-compliance as the unit exceeded for greater than 72 hrs upset conditions due to poor ESP casing performance.

# ADDENDUM TO MONTHLY EMISSIONS REPORT

## 10. S30 INCIDENT OR LEGAL CONTRAVENTION REGISTER

To be completed in the case of a S30 incident or a legal contravention:

| Unit no | Incident Start Date | Incident End Date | Incident Cause                                    | Remedial action                                                  | S30 initial notification sent | Date S30 investigation report sent | Date DEA Acknowledg-ment | Date DEA Acceptable | Comments / Reference No.                             |
|---------|---------------------|-------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------|------------------------------------|--------------------------|---------------------|------------------------------------------------------|
| 1       | 17/04/2025          | 18/04/2025        | Poor casing Performance due to Dust plant failure | Clear High Hopper levels                                         | 17/04/2025                    |                                    |                          |                     | Legal contravention reported and under investigation |
| 1       | 24/04/2025          | 18/05/2025        | Poor casing Performance due to Dust plant failure | Clear High Hopper levels                                         | 24/04/2025                    |                                    |                          |                     | Legal contravention reported and under investigation |
| 3       | 22/04/2025          | 29/04/2025        | Poor casing Performance due to Dust plant failure | Clear High Hopper levels                                         | 23/04/2025                    |                                    |                          |                     | Legal contravention reported and under investigation |
| 4       | 22/04/2025          | 22/04/2025        | Poor casing Performance                           | Inspection and repairs to be done on the ESP casings             | 23/04/2025                    |                                    |                          |                     | Legal contravention reported and under investigation |
| 5       | 22/04/2025          | 02/05/2025        | Poor casing Performance & SO3 plant repairs       | Inspection and repairs to be done on the ESP casings & SO3 plant | 23/04/2025                    |                                    |                          |                     | Legal contravention reported and under investigation |
| 6       | 27/04/2025          | 30/04/2025        | Poor casing Performance                           | Inspection and repairs to be done on the ESP casings             | 29/04/2025                    |                                    |                          |                     | Legal contravention reported and under investigation |

## 11. PARTICULATE EMISSIONS

EMISSION RATE (ACTUAL EMISSION/MWh GENERATED - kg/MWh)

| MONTH  | UNIT 1 | UNIT 2 | UNIT 3 | UNIT 4 | UNIT 5 | UNIT 6 | STATION |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Apr-24 | 0.27   | 0.66   | 0.55   | 0.69   | 0.68   | OFF    | 0.58    |
| May-24 | 0.25   | 0.91   | 0.56   | 1.10   | 0.81   | OFF    | 0.75    |
| Jun-24 | 0.30   | 1.03   | 0.45   | 0.68   | 0.54   | OFF    | 0.60    |
| Jul-24 | 0.43   | 2.04   | 0.55   | 0.75   | 0.68   | 1.28   | 0.87    |
| Aug-24 | 0.48   | 0.91   | 0.69   | 0.47   | 0.53   | 0.18   | 0.54    |
| Sep-24 | 0.61   | 0.70   | 0.69   | 0.67   | 0.76   | 0.24   | 0.60    |
| Oct-24 | 0.34   | 0.62   | OFF    | 0.61   | 0.78   | 0.33   | 0.57    |
| Nov-24 | 0.42   | 0.50   | OFF    | 0.90   | 0.75   | 0.26   | 0.56    |
| Dec-24 | 0.56   | 0.57   | OFF    | 0.88   | 0.63   | 0.24   | 0.54    |
| Jan-25 | 1.08   | 0.51   | OFF    | 0.82   | 1.47   | 0.71   | 0.90    |
| Feb-25 | 1.50   | 0.56   | 7.43   | 0.49   | 1.94   | 0.50   | 1.47    |
| Mar-25 | 1.38   | 0.67   | 1.83   | 0.58   | 2.33   | 0.46   | 1.25    |
| Apr-25 | 16.13  | OFF    | 1.50   | 6.27   | 2.31   | 0.40   | 5.12    |

# ADDENDUM TO MONTHLY EMISSIONS REPORT

## 12. DAILY EMISSIONS FIGURES

Final Dust Concentration (mg/Nm³)

| Date   | U1    | U2  | U3   | U4    | U5   | U6  | Limit |
|--------|-------|-----|------|-------|------|-----|-------|
| 31-Mar | 89    | OFF | 69   | 99    | 123  | 51  | 100   |
| 01-Apr | 228   | OFF | 113  | OFF   | 93   | 52  | 100   |
| 02-Apr | 659   | OFF | 169  | OFF   | 100  | 48  | 100   |
| 03-Apr | 62    | OFF | 95   | OFF   | 160  | 52  | 100   |
| 04-Apr | 89    | OFF | 279  | OFF   | 96   | 58  | 100   |
| 05-Apr | 543   | OFF | 372  | OFF   | 97   | 51  | 100   |
| 06-Apr | 58    | OFF | 26   | OFF   | 106  | 40  | 100   |
| 07-Apr | 112   | OFF | 90   | OFF   | 167  | 59  | 100   |
| 08-Apr | 80    | OFF | 104  | OFF   | 95   | 48  | 100   |
| 09-Apr | 102   | OFF | 156  | OFF   | 122  | 37  | 100   |
| 10-Apr | 96    | OFF | 64   | OFF   | 108  | 41  | 100   |
| 11-Apr | 93    | OFF | OFF  | OFF   | 80   | 37  | 100   |
| 12-Apr | 281   | OFF | OFF  | OFF   | 88   | 33  | 100   |
| 13-Apr | 87    | OFF | OFF  | OFF   | 100  | 68  | 100   |
| 14-Apr | 140   | OFF | OFF  | OFF   | 142  | 40  | 100   |
| 15-Apr | 2231  | OFF | OFF  | OFF   | 78   | 893 | 100   |
| 16-Apr | 9201  | OFF | OFF  | 160   | 96   | OFF | 100   |
| 17-Apr | 7988  | OFF | OFF  | 187   | 875  | 72  | 100   |
| 18-Apr | OFF   | OFF | OFF  | 88    | 91   | 52  | 100   |
| 19-Apr | OFF   | OFF | OFF  | 684   | 101  | 48  | 100   |
| 20-Apr | OFF   | OFF | 439  | 333   | 184  | 108 | 100   |
| 21-Apr | OFF   | OFF | 492  | 1765  | 1906 | 50  | 100   |
| 22-Apr | 154   | OFF | 150  | 11926 | 4401 | 53  | 100   |
| 23-Apr | 136   | OFF | 358  | OFF   | 189  | 49  | 100   |
| 24-Apr | 1670  | OFF | 405  | OFF   | 175  | 54  | 100   |
| 25-Apr | 6746  | OFF | 443  | OFF   | 136  | 56  | 100   |
| 26-Apr | 14028 | OFF | 365  | OFF   | 515  | 63  | 100   |
| 27-Apr | 11294 | OFF | 261  | OFF   | 557  | 67  | 100   |
| 28-Apr | 15672 | OFF | 458  | 97    | 228  | 53  | 100   |
| 29-Apr | 13717 | OFF | 6268 | 191   | 155  | 66  | 100   |
| 30-Apr | 4166  | OFF | 315  | 167   | 106  | 74  | 100   |

# ADDENDUM TO MONTHLY EMISSIONS REPORT

## Final SOx Concentration (mg/Nm³)

| Date   | U1   | U2  | U3   | U4   | U5   | U6   | Limit |
|--------|------|-----|------|------|------|------|-------|
| 31-Mar | 1664 | OFF | 1744 | 1974 | 1810 | 2021 | 2600  |
| 01-Apr | 1724 | OFF | 1765 | OFF  | 1869 | 2052 | 2600  |
| 02-Apr | 1722 | OFF | 1837 | OFF  | 1825 | 1994 | 2600  |
| 03-Apr | 1705 | OFF | 1721 | 2144 | 1720 | 1943 | 2600  |
| 04-Apr | 1715 | OFF | 1777 | OFF  | 1758 | 1913 | 2600  |
| 05-Apr | 1693 | OFF | 1757 | OFF  | 1705 | 1869 | 2600  |
| 06-Apr | 1793 | OFF | 1760 | OFF  | 1748 | 1870 | 2600  |
| 07-Apr | 1740 | OFF | 1805 | OFF  | 1886 | 2097 | 2600  |
| 08-Apr | 1971 | OFF | 1973 | OFF  | 1911 | 2111 | 2600  |
| 09-Apr | 1816 | OFF | 1787 | OFF  | 1779 | 2019 | 2600  |
| 10-Apr | 1788 | OFF | 1857 | 1906 | 1907 | 2119 | 2600  |
| 11-Apr | 1721 | OFF | OFF  | OFF  | 1787 | 2018 | 2600  |
| 12-Apr | 1726 | OFF | OFF  | OFF  | 1775 | 1943 | 2600  |
| 13-Apr | 1833 | OFF | 1812 | OFF  | 1839 | 2059 | 2600  |
| 14-Apr | 1727 | OFF | 1773 | OFF  | 1806 | 1976 | 2600  |
| 15-Apr | 1688 | OFF | OFF  | 1920 | 1725 | 1922 | 2600  |
| 16-Apr | 1653 | OFF | OFF  | 1969 | 1608 | 1810 | 2600  |
| 17-Apr | 1620 | OFF | OFF  | 1854 | 1712 | 1861 | 2600  |
| 18-Apr | OFF  | OFF | OFF  | 1933 | 1721 | 1835 | 2600  |
| 19-Apr | OFF  | OFF | 1775 | 1800 | 1517 | 1648 | 2600  |
| 20-Apr | OFF  | OFF | 1646 | 1759 | 1519 | 1705 | 2600  |
| 21-Apr | 1644 | OFF | 1678 | 1884 | 1646 | 1802 | 2600  |
| 22-Apr | 1785 | OFF | 1766 | 1880 | 1742 | 1925 | 2600  |
| 23-Apr | 1770 | OFF | 1910 | OFF  | 1893 | 2098 | 2600  |
| 24-Apr | 1712 | OFF | 1815 | OFF  | 1772 | 1930 | 2600  |
| 25-Apr | 1779 | OFF | 1866 | OFF  | 1736 | 1864 | 2600  |
| 26-Apr | 1722 | OFF | 1778 | OFF  | 1727 | 1913 | 2600  |
| 27-Apr | 1760 | OFF | 1732 | 2040 | 1687 | 1877 | 2600  |
| 28-Apr | 1658 | OFF | 1709 | 1829 | 1572 | 1790 | 2600  |
| 29-Apr | 1647 | OFF | 1735 | 1834 | 1590 | 1749 | 2600  |
| 30-Apr | 1658 | OFF | 1779 | 1938 | 1688 | 1885 | 2600  |

# ADDENDUM TO MONTHLY EMISSIONS REPORT

## Final NOx Concentration (mg/Nm³)

| Date   | U1  | U2  | U3  | U4  | U5  | U6  | Limit |
|--------|-----|-----|-----|-----|-----|-----|-------|
| 31-Mar | 793 | OFF | 618 | 736 | 490 | 892 | 1100  |
| 01-Apr | 821 | OFF | 685 | OFF | 593 | 918 | 1100  |
| 02-Apr | 811 | OFF | 704 | OFF | 671 | 956 | 1100  |
| 03-Apr | 784 | OFF | 657 | 612 | 652 | 932 | 1100  |
| 04-Apr | 826 | OFF | 721 | OFF | 546 | 940 | 1100  |
| 05-Apr | 824 | OFF | 692 | OFF | 582 | 872 | 1100  |
| 06-Apr | 775 | OFF | 693 | OFF | 602 | 856 | 1100  |
| 07-Apr | 776 | OFF | 721 | OFF | 654 | 822 | 1100  |
| 08-Apr | 782 | OFF | 637 | OFF | 686 | 742 | 1100  |
| 09-Apr | 788 | OFF | 671 | OFF | 678 | 846 | 1100  |
| 10-Apr | 819 | OFF | 661 | 714 | 668 | 862 | 1100  |
| 11-Apr | 759 | OFF | OFF | OFF | 670 | 799 | 1100  |
| 12-Apr | 647 | OFF | OFF | OFF | 611 | 790 | 1100  |
| 13-Apr | 665 | OFF | 564 | OFF | 670 | 751 | 1100  |
| 14-Apr | 743 | OFF | 654 | OFF | 726 | 844 | 1100  |
| 15-Apr | 786 | OFF | OFF | 426 | 709 | 844 | 1100  |
| 16-Apr | 745 | OFF | OFF | 794 | 752 | 786 | 1100  |
| 17-Apr | 737 | OFF | OFF | 874 | 758 | 869 | 1100  |
| 18-Apr | OFF | OFF | OFF | 808 | 726 | 790 | 1100  |
| 19-Apr | OFF | OFF | 588 | 795 | 695 | 806 | 1100  |
| 20-Apr | OFF | OFF | 675 | 689 | 696 | 873 | 1100  |
| 21-Apr | 657 | OFF | 577 | 631 | 682 | 811 | 1100  |
| 22-Apr | 880 | OFF | 598 | 451 | 708 | 920 | 1100  |
| 23-Apr | 915 | OFF | 534 | OFF | 569 | 856 | 1100  |
| 24-Apr | 786 | OFF | 566 | OFF | 679 | 922 | 1100  |
| 25-Apr | 752 | OFF | 678 | OFF | 747 | 860 | 1100  |
| 26-Apr | 720 | OFF | 621 | OFF | 600 | 843 | 1100  |
| 27-Apr | 803 | OFF | 623 | 798 | 619 | 845 | 1100  |
| 28-Apr | 865 | OFF | 639 | 874 | 598 | 828 | 1100  |
| 29-Apr | 766 | OFF | 636 | 707 | 578 | 892 | 1100  |
| 30-Apr | 797 | OFF | 698 | 821 | 575 | 902 | 1100  |

# ADDENDUM TO MONTHLY EMISSIONS REPORT

## 13. AVAILABILITY

### ESP utilisation

| Availability |         |               |         |               |         |               |         |               |         |               |         |               |
|--------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|
| Month        | Unit 1  | Days Affected | Unit 2  | Days Affected | Unit 3  | Days Affected | Unit 4  | Days Affected | Unit 5  | Days Affected | Unit 6  | Days Affected |
| Apr-24       | 100.00% | 0.0           | 100.00% | 0.0           | 100.00% | 0.0           | 99.89%  | 0.1           | 97.43%  | 3.1           | 100.00% | 0.00%         |
| May-24       | 100.00% | 0.0           | 97.91%  | 2.6           | 100.00% | 0.0           | 97.67%  | 2.9           | 99.38%  | 0.8           | 100.00% | 0.00%         |
| Jun-24       | 100.00% | 0.00          | 99.17%  | 1.00          | 98.09%  | 2.29          | 98.32%  | 2.01          | 100.00% | 0.00          | 100.00% | 0.00          |
| Jul-24       | 100.00% | 0.0           | 100.00% | 0.0           | 100.00% | 0.0           | 100.00% | 0.0           | 100.00% | 0.0           | 100.00% | 0.00%         |
| Aug-24       | 98.59%  | 1.8           | 100.00% | 0.0           | 99.21%  | 1.0           | 100.00% | 0.0           | 99.84%  | 0.2           | 100.00% | 0.00%         |
| Sep-24       | 98.55%  | 1.74          | 99.84%  | 0.19          | 100.00% | 0.00          | 99.12%  | 1.06          | 99.16%  | 1.01          | 100.00% | 0.00          |
| Oct-24       | 99.19%  | 1.0           | 100.00% | 0.0           | 100.00% | 0.0           | 100.00% | 0.0           | 97.67%  | 2.9           | 100.00% | 0.00%         |
| Nov-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          |
| Dec-24       | 99.39%  | 0.76          | 99.24%  | 0.95          | 100.00% | 0.00          | 99.18%  | 1.01          | 99.96%  | 0.05          | 99.27%  | 0.91          |
| Jan-25       | 98.99%  | 1.3           | 100.00% | 0.0           | 100.00% | 0.0           | 100.00% | 0.0           | 98.40%  | 2.0           | 100.00% | 0.0           |
| Feb-25       | 99.18%  | 0.9           | 99.84%  | 0.2           | 100.00% | 0.0           | 100.00% | 0.0           | 100.00% | 0.0           | 98.90%  | 1.2           |
| Mar-25       | 98.08%  | 2.4           | 99.27%  | 0.9           | 98.99%  | 1.3           | 100.00% | 0.0           | 95.52%  | 5.6           | 100.00% | 0.0           |
| Apr-25       | 98.21%  | 2.15          | 100.00% | 0.00          | 100.00% | 0.00          | 100.00% | 0.00          | 97.50%  | 3.00          | 98.48%  | 1.82          |

### SO<sub>3</sub> plant utilisation

| Availability |         |               |          |               |          |               |         |               |         |               |          |               |
|--------------|---------|---------------|----------|---------------|----------|---------------|---------|---------------|---------|---------------|----------|---------------|
| Month        | Unit 1  | Days Affected | Unit 2   | Days Affected | Unit 3   | Days Affected | Unit 4  | Days Affected | Unit 5  | Days Affected | Unit 6   | Days Affected |
| Apr-24       | 99.46%  | 0.2           | 93.92%   | 1.8           | 99.58%   | 0.1           | 100.00% | 0.0           | 100.00% | 0.0           | Off-line | Off-line      |
| May-24       | 99.45%  | 0.2           | 99.87%   | 0.0           | 96.37%   | 1.1           | 99.87%  | 0.0           | 100.00% | 0.0           | Off-line | Off-line      |
| Jun-24       | 97.08%  | 0.88          | 69.03%   | 9.29          | 100.00%  | 0.00          | 99.34%  | 0.20          | 99.77%  | 0.07          | Off-line | Off-line      |
| Jul-24       | 98.30%  | 0.5           | 41.43%   | 18.2          | 99.73%   | 0.1           | 99.58%  | 0.1           | 98.39%  | 0.5           | 53.66%   | 14.37         |
| Aug-24       | 99.46%  | 0.2           | 91.70%   | 2.6           | 100.00%  | 0.0           | 97.98%  | 0.6           | 99.59%  | 0.1           | 96.68%   | 1.03          |
| Sep-24       | 100.00% | 0.0           | 89.45%   | 3.2           | 99.33%   | 0.2           | 99.84%  | 0.0           | 99.58%  | 0.1           | 99.92%   | 0.02          |
| Oct-24       | 99.85%  | 0.0           | 95.65%   | 1.3           | Off-line | Off-line      | 98.92%  | 0.3           | 93.82%  | 1.9           | 99.59%   | 0.13          |
| Nov-24       | 99.99%  | 0.0           | 96.60%   | 1.0           | Off-line | Off-line      | 99.17%  | 0.3           | 97.46%  | 0.8           | 99.21%   | 0.24          |
| Dec-24       | 52.80%  | 14.6          | 27.08%   | 22.6          | Off-line | Off-line      | 77.33%  | 7.0           | 66.67%  | 10.3          | 60.94%   | 12.11         |
| Jan-25       | 95.59%  | 1.4           | 93.50%   | 2.0           | Off-line | Off-line      | 96.18%  | 1.2           | 90.28%  | 3.0           | 94.33%   | 1.8           |
| Feb-25       | 91.37%  | 2.4           | 95.28%   | 1.3           | 67.36%   | 913.89%       | 95.45%  | 1.3           | 91.35%  | 2.4           | 97.77%   | 0.6           |
| Mar-25       | 98.52%  | 0.5           | 96.36%   | 1.1           | 85.05%   | 463.48%       | 98.61%  | 0.4           | 99.91%  | 0.0           | 88.42%   | 3.6           |
| Apr-25       | 95.63%  | 1.3           | Off-line | Offline       | 91.27%   | 261.90%       | 85.62%  | 4.3           | 88.61%  | 3.4           | 99.78%   | 0.1           |

# ADDENDUM TO MONTHLY EMISSIONS REPORT

## Particulate Emission Monitors

| Availability |         |        |         |        |        |        |
|--------------|---------|--------|---------|--------|--------|--------|
|              | Unit 1  | Unit 2 | Unit 3  | Unit 4 | Unit 5 | Unit 6 |
| Apr-24       | 99.68%  | 92.71% | 97.22%  | 94.03% | 98.06% | OFF    |
| May-24       | 98.93%  | 93.01% | 97.45%  | 91.88% | 95.47% | OFF    |
| Jun-24       | 98%     | 87%    | 97%     | 97%    | 99%    | OFF    |
| Jul-24       | 90.95%  | 73.05% | 97.04%  | 95.37% | 98.85% | 61.98% |
| Aug-24       | 95.70%  | 91.44% | 99.38%  | 99.60% | 98.95% | 99.58% |
| Sep-24       | 98.11%  | 94.42% | 100.00% | 98.42% | 96.20% | 99.64% |
| Oct-24       | 99.65%  | 94.32% | OFF     | 98.75% | 96.51% | 98.18% |
| Nov-24       | 99.43%  | 99.40% | OFF     | 99.31% | 94.41% | 98.54% |
| Dec-24       | 100.00% | 96.61% | OFF     | 98.22% | 96.26% | 99.60% |
| Jan-25       | 96.64%  | 98.67% | OFF     | 87.85% | 92.93% | 99.02% |
| Feb-25       | 98.72%  | 97.70% | 85.64%  | 99.62% | 93.53% | 98.72% |
| Mar-25       | 93.15%  | 96.04% | 96.08%  | 99.85% | 92.61% | 97.36% |
| Apr-25       | 71.99%  | OFF    | 99.17%  | 87.49% | 94.03% | 99.11% |

Gaseous Emission Monitors

| Availability |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|              | Unit 1          |                 | Unit 2          |                 | Unit 3          |                 | Unit 4          |                 | Unit 5          |                 | Unit 6          |                 |
| Month        | SO <sub>x</sub> | NO <sub>x</sub> | SO <sub>x</sub> | NO <sub>x</sub> | SO <sub>x</sub> | NO <sub>x</sub> | SO <sub>x</sub> | NO <sub>x</sub> | SO <sub>x</sub> | NO <sub>x</sub> | SO <sub>x</sub> | NO <sub>x</sub> |
| Apr-24       | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | OFF             | OFF             |
| May-24       | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 98.79%          | 98.79%          | 98.37%          | 98.37%          | OFF             | OFF             |
| Jun-24       | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | OFF             | OFF             |
| Jul-24       | 99.75%          | 99.89%          | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 99.46%          | 99.73%          | 100.00%         | 100.00%         | 73.40%          | 70.78%          |
| Aug-24       | 99.87%          | 100.00%         | 99.80%          | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         |
| Sep-24       | 100.00%         | 100.00%         | 100.00%         | 99.68%          | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         |
| Oct-24       | 99.85%          | 100.00%         | 99.58%          | 99.72%          | 0.00%           | 0.00%           | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 99.65%          | 99.65%          |
| Nov-24       | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 0.00%           | 0.00%           | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 99.86%          | 100.00%         |
| Dec-24       | 57.50%          | 57.50%          | 37.50%          | 37.50%          | 0.00%           | 0.00%           | 79.71%          | 79.71%          | 66.67%          | 66.67%          | 65.65%          | 65.73%          |
| Jan-25       | 99.26%          | 99.09%          | 99.33%          | 99.33%          | 0.00%           | 0.00%           | 100.00%         | 96.43%          | 100.00%         | 100.00%         | 100.00%         | 100.00%         |
| Feb-25       | 98.21%          | 100.00%         | 100.00%         | 99.60%          | 86.08%          | 85.19%          | 96.01%          | 96.01%          | 94.55%          | 94.55%          | 96.18%          | 96.18%          |
| Mar-25       | 93.82%          | 99.87%          | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         | 100.00%         |
| Apr-25       | 98.61%          | 98.61%          | OFF             | OFF             | 98.61%          | 98.61%          | 92.56%          | 91.94%          | 99.17%          | 99.17%          | 99.17%          | 99.17%          |

| Oxygen Monitor Availability |         |         |         |         |         |        |
|-----------------------------|---------|---------|---------|---------|---------|--------|
|                             | Unit 1  | Unit 2  | Unit 3  | Unit 4  | Unit 5  | Unit 6 |
| Apr-24                      | 100.00% | 100.00% | 99.86%  | 100.00% | 100.00% | OFF    |
| May-24                      | 99.97%  | 100.00% | 99.98%  | 98.79%  | 98.31%  | OFF    |
| Jun-24                      | 100.00% | 100.00% | 100.00% | 99.55%  | 36.78%  | OFF    |
| Jul-24                      | 99.89%  | 100.00% | 100.00% | 100.00% | 99.84%  | 50.17% |
| Aug-24                      | 99.87%  | 99.80%  | 99.87%  | 99.87%  | 100.00% | 99.48% |
| Sep-24                      | 100.00% | 99.90%  | 100.00% | 99.86%  | 99.72%  | 99.70% |
| Oct-24                      | 99.23%  | 99.55%  | 0.00%   | 99.87%  | 94.89%  | 99.28% |
| Nov-24                      | 100.00% | 100.00% | 0.00%   | 99.86%  | 84.89%  | 99.15% |
| Dec-24                      | 57.50%  | 37.50%  | 0.00%   | 79.71%  | 66.67%  | 65.73% |
| Jan-25                      | 99.55%  | 99.50%  | 0.00%   | 98.40%  | 99.43%  | 82.47% |
| Feb-25                      | 99.70%  | 99.24%  | 85.19%  | 95.83%  | 94.39%  | 60.94% |
| Mar-25                      | 100.00% | 100.00% | 100.00% | 100.00% | 99.81%  | 99.87% |
| Apr-25                      | 98.74%  | OFF     | 98.44%  | 92.56%  | 99.03%  | 99.00% |

ADDENDUM TO MONTHLY EMISSIONS REPORT

14. EFFICIENCY

| ESP Efficiency (%) |         |               |          |         |         |          |
|--------------------|---------|---------------|----------|---------|---------|----------|
|                    | Unit 1  | Unit 2        | Unit 3   | Unit 4  | Unit 5  | Unit 6   |
| Apr-24             | 99.901% | 99.698%       | 99.774%  | 99.704% | 99.714% | Unit Off |
| May-24             | 99.906% | 99.582%       | 99.771%  | 99.525% | 99.654% | Unit Off |
| Jun-24             | 99.89%  | 99.55%        | 99.82%   | 99.62%  | 99.75%  | Unit Off |
| Jul-24             | 99.848% | 99.125%       | 99.796%  | 99.588% | 99.735% | 99.450%  |
| Aug-24             | 99.845% | 99.625%       | 99.749%  | 99.755% | 99.769% | 99.907%  |
| Sep-24             | 99.789% | 99.660%       | 99.775%  | 99.644% | 99.675% | 99.896%  |
| Oct-24             | 99.866% | 99.716%       | Unit Off | 99.669% | 99.637% | 99.856%  |
| Nov-24             | 99.838% | 99.782%       | Unit Off | 99.515% | 99.662% | 99.888%  |
| Dec-24             | 99.773% | 99.722%       | Unit Off | 99.513% | 99.695% | 99.891%  |
| Jan-25             | 99.573% | 99.764%       | Unit Off | 99.650% | 99.408% | 99.613%  |
| Feb-25             | 99.455% | 99.758%       | 97.777%  | 99.804% | 99.266% | 99.787%  |
| Mar-25             | 99.510% | 99.690%       | 97.280%  | 99.770% | 99.010% | 99.780%  |
| Apr-25             | 94.94%  | Unit Off-line | 99.46%   | 97.85%  | 99.12%  | 99.83%   |

15. REMARKS

| UNIT | MWLOSS | REASON                                                            | ACTUALSTARTDATE     | ACTUALENDDATE       |
|------|--------|-------------------------------------------------------------------|---------------------|---------------------|
| 1    | 80     | AM: RHI Precip. casing repairs.                                   | 2025/04/04 23:58:00 | 2025/04/05 04:12:00 |
| 1    | 77     | manual rapping                                                    | 2025/04/07 21:10:00 | 2025/04/07 22:39:00 |
| 1    | 80     | RH inner casing repairs.                                          | 2025/04/12 00:24:00 | 2025/04/13 00:00:00 |
| 1    | 100    | High dust hopper levels                                           | 2025/04/15 20:44:00 | 2025/04/16 03:43:00 |
| 1    | 180    | High dust hopper levels                                           | 2025/04/16 03:43:00 | 2025/04/17 09:06:00 |
| 1    | 230    | High dust hopper levels                                           | 2025/04/17 09:06:00 | 2025/04/17 22:06:00 |
| 1    | 593    | DHP and casing repairs                                            | 2025/04/17 22:06:00 | 2025/04/20 22:05:00 |
| 1    | 180    | High dust hopper levels                                           | 2025/04/24 00:27:00 | 2025/04/24 04:36:00 |
| 1    | 80     | High dust hopper levels                                           | 2025/04/24 04:37:00 | 2025/04/24 05:21:00 |
| 1    | 180    | Dust plant problems                                               | 2025/04/24 08:30:00 | 2025/04/24 16:08:00 |
| 1    | 180    | AM: High ash hopper levels.                                       | 2025/04/24 20:10:00 | 2025/04/25 05:20:00 |
| 1    | 80     | High hopper levels.                                               | 2025/04/25 14:20:00 | 2025/04/25 17:08:00 |
| 1    | 180    | High hopper levels                                                | 2025/04/25 20:20:00 | 2025/04/26 00:00:00 |
| 1    | 100    | High dust hopper levels                                           | 2025/04/26 00:00:00 | 2025/04/26 00:49:00 |
| 1    | 80     | LH Inner precip casing repairs                                    | 2025/04/26 00:00:00 | 2025/04/26 23:42:00 |
| 1    | 80     | High dust hopper levels                                           | 2025/04/27 16:53:00 | 2025/04/28 03:00:00 |
| 1    | 180    | High dust hopper levels                                           | 2025/04/28 03:00:00 | 2025/04/30 16:28:00 |
| 1    | 130    | High dust hopper levels                                           | 2025/04/30 16:28:00 | 2025/04/30 23:59:59 |
| 2    | 593    | MGO ESP & SO3                                                     | 2025/04/01 00:00:00 | 2025/04/30 23:59:59 |
| 3    | 140    | High stack emissions.                                             | 2025/04/03 20:22:00 | 2025/04/03 20:50:00 |
| 3    | 149    | High stack emission                                               | 2025/04/03 20:50:00 | 2025/04/03 21:16:00 |
| 3    | 175    | High stack emissions                                              | 2025/04/03 21:16:00 | 2025/04/03 21:33:00 |
| 3    | 182    | High stack emissions.                                             | 2025/04/03 21:33:00 | 2025/04/03 23:51:00 |
| 3    | 87     | High stack emissions                                              | 2025/04/03 23:51:00 | 2025/04/04 00:04:00 |
| 3    | 74     | High stack emissions                                              | 2025/04/04 00:04:00 | 2025/04/04 00:40:00 |
| 3    | 593    | Boiler tube leak repairs.                                         | 2025/04/10 20:51:00 | 2025/04/13 20:24:00 |
| 3    | 593    | Unit shut down for boiler tube leak repairs.                      | 2025/04/14 12:43:00 | 2025/04/19 06:43:00 |
| 3    | 296    | RH PA fan tripped due to NDE motor bearing temperature high.      | 2025/04/21 19:02:00 | 2025/04/21 21:23:00 |
| 3    | 593    | Unit tripped on poor condenser vacuum                             | 2025/04/22 08:49:00 | 2025/04/22 14:27:00 |
| 3    | 73     | High dust hopper levels                                           | 2025/04/23 22:00:00 | 2025/04/24 12:04:00 |
| 3    | 164    | AM: High ash hopper levels.                                       | 2025/04/24 20:47:00 | 2025/04/25 05:00:00 |
| 3    | 593    | Low drum level                                                    | 2025/04/29 01:01:00 | 2025/04/29 09:14:00 |
| 3    | 118    | High dust hopper levels.                                          | 2025/04/30 20:43:00 | 2025/04/30 23:59:59 |
| 4    | 593    | Discharge control valve stroke checking.                          | 2025/04/01 00:00:00 | 2025/04/03 00:58:00 |
| 4    | 297    | System Generated Ramp Event for Event id : 2042782                | 2025/04/03 00:58:00 | 2025/04/03 03:58:00 |
| 4    | 385    | RH ID fan vane actuator faulty                                    | 2025/04/03 03:58:00 | 2025/04/03 04:50:00 |
| 4    | 296    | RH ID fan vane actuator faulty.                                   | 2025/04/03 04:50:00 | 2025/04/03 04:59:00 |
| 4    | 251    | RH ID fan vane actuator faulty                                    | 2025/04/03 04:59:00 | 2025/04/03 05:11:00 |
| 4    | 245    | RH ID fan vane actuator faulty                                    | 2025/04/03 05:11:00 | 2025/04/03 06:03:00 |
| 4    | 171    | RH ID fan vane actuator faulty                                    | 2025/04/03 06:03:00 | 2025/04/03 06:21:00 |
| 4    | 593    | Boiler tube leak- Platen super heaters                            | 2025/04/03 16:15:00 | 2025/04/15 05:12:00 |
| 4    | 320    | System Generated Ramp Event for Event id : 2043875 (Recalculated) | 2025/04/15 05:12:00 | 2025/04/15 07:58:00 |
| 4    | 593    | Unit tripped on low drum level.                                   | 2025/04/15 07:58:00 | 2025/04/15 10:17:00 |
| 4    | 540    | System Generated Ramp Event for Event id : 2048358 (Recalculated) | 2025/04/15 10:17:00 | 2025/04/15 10:32:00 |

| UNIT | MWLOSS | REASON                                             | ACTUALSTARTDATE     | ACTUALENDDATE       |
|------|--------|----------------------------------------------------|---------------------|---------------------|
| 4    | 593    | Unit tripped the turbine on water carry over.      | 2025/04/15 10:32:00 | 2025/04/15 16:46:00 |
| 4    | 297    | System Generated Ramp Event for Event id : 2048401 | 2025/04/15 16:46:00 | 2025/04/15 18:16:00 |
| 4    | 365    | Mills unavailable                                  | 2025/04/15 18:16:00 | 2025/04/15 19:14:00 |
| 4    | 368    | Mills unavailable                                  | 2025/04/15 19:14:00 | 2025/04/15 20:06:00 |
| 4    | 351    | Mills unavailable                                  | 2025/04/15 20:06:00 | 2025/04/15 20:17:00 |
| 4    | 318    | Mills unavailable                                  | 2025/04/15 20:17:00 | 2025/04/15 20:19:00 |
| 4    | 310    | Mills unavailable                                  | 2025/04/15 20:19:00 | 2025/04/15 20:46:00 |
| 4    | 301    | Mills unavailable                                  | 2025/04/15 20:46:00 | 2025/04/15 20:52:00 |
| 4    | 280    | Mills unavailable                                  | 2025/04/15 20:52:00 | 2025/04/15 21:00:00 |
| 4    | 288    | Mills unavailable                                  | 2025/04/15 21:00:00 | 2025/04/15 21:39:00 |
| 4    | 268    | Mills unavailable                                  | 2025/04/15 21:39:00 | 2025/04/15 22:49:00 |
| 4    | 232    | Mills unavailable                                  | 2025/04/15 22:49:00 | 2025/04/16 12:05:00 |
| 4    | 53     | High stack emissions.                              | 2025/04/18 20:46:00 | 2025/04/19 11:05:00 |
| 4    | 17     | High stack emissions                               | 2025/04/19 11:05:00 | 2025/04/19 13:13:00 |
| 4    | 7      | High stack emissions                               | 2025/04/19 13:13:00 | 2025/04/19 15:57:00 |
| 4    | 593    | Boiler tube leak repair                            | 2025/04/22 21:23:00 | 2025/04/27 14:29:00 |
| 4    | 297    | System Generated Ramp Event for Event id : 2050595 | 2025/04/27 14:29:00 | 2025/04/27 17:29:00 |
| 4    | 150    | High hopper levels                                 | 2025/04/30 16:07:00 | 2025/04/30 16:07:00 |
| 4    | 150    | High hopper levels                                 | 2025/04/30 16:07:00 | 2025/04/30 16:48:00 |
| 4    | 150    | High dust hopper levels.                           | 2025/04/30 21:02:00 | 2025/04/30 23:59:59 |
| 5    | 80     | EF:High stack emissions                            | 2025/04/04 09:32:00 | 2025/04/04 19:24:00 |
| 5    | 131    | EF: High stack emissions                           | 2025/04/04 19:24:00 | 2025/04/05 04:28:00 |
| 5    | 80     | High stack emissions                               | 2025/04/08 19:34:00 | 2025/04/09 00:24:00 |
| 5    | 97     | High stack emissions                               | 2025/04/10 19:32:00 | 2025/04/10 19:46:00 |
| 5    | 131    | High stack emissions.                              | 2025/04/10 19:46:00 | 2025/04/11 04:53:00 |
| 5    | 177    | High stack emissions.                              | 2025/04/11 04:53:00 | 2025/04/11 21:00:00 |
| 5    | 179    | High stack emissions.                              | 2025/04/15 11:32:00 | 2025/04/16 06:05:00 |
| 5    | 81     | High stack emissions due to SO3 plant tripped.     | 2025/04/20 15:26:00 | 2025/04/20 23:05:00 |
| 5    | 177    | AM: High stack emissions.                          | 2025/04/23 05:48:00 | 2025/04/23 16:01:00 |
| 6    | 50     | High hopper levels                                 | 2025/04/02 20:44:00 | 2025/04/03 05:26:00 |
| 6    | 50     | LHO precip casing repairs                          | 2025/04/13 17:32:00 | 2025/04/13 20:40:00 |
| 6    | 296    | System Generated Ramp Event for Event id : 2048522 | 2025/04/16 08:12:00 | 2025/04/16 10:42:00 |
| 6    | 70     | Correlation test                                   | 2025/04/16 23:50:00 | 2025/04/17 04:02:00 |
| 6    | 72     | LHI precip casing repairs                          | 2025/04/20 00:00:00 | 2025/04/20 23:05:00 |
|      |        |                                                    |                     |                     |
|      |        |                                                    |                     |                     |

| PM Exceedances |                                                                                                                                                                                                                            |        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| U1.            | Poor ESP casing performance.<br>SO3 leakage.                                                                                                                                                                               | 01-Apr |
| U1.            | Poor ESP casing performance.<br>SO3 leakage.                                                                                                                                                                               | 02-Apr |
| U1.            | Poor ESP casing performance.<br>SO3 leakage.<br>High hopper levels.                                                                                                                                                        | 05-Apr |
| U1.            | Poor ESP casing performance.<br>Manual rapping done.                                                                                                                                                                       | 06-Apr |
| U1.            | Poor ESP casing performance.<br>Manual rapping done.<br>High hopper levels.                                                                                                                                                | 07-Apr |
| U1.            | Poor ESP casing performance.                                                                                                                                                                                               | 09-Apr |
| U1.            | Poor ESP casing performance.<br>RHI ESP casing outage.                                                                                                                                                                     | 14-Apr |
| U1.            | High hopper levels.<br>Poor ESP casing performance.<br>DHP issues.<br>SO3 plant tripped.                                                                                                                                   | 15-Apr |
| U1.            | High hopper levels.<br>Poor ESP casing performance.<br>DHP issues.                                                                                                                                                         | 16-Apr |
| U1.            | High hopper levels.<br>Poor ESP casing performance.<br>DHP issues.                                                                                                                                                         | 17-Apr |
| U1.            | High hopper levels.<br>Poor ESP casing performance.<br>DHP issues.<br>Unit shutdown for DHP issues.                                                                                                                        | 18-Apr |
| U1.            | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25.<br>Poor ESP casing performance.<br>High hopper levels.<br>DHP issues. | 22-Apr |
| U1.            | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25.<br>Poor ESP casing performance.<br>High hopper levels.<br>DHP issues. | 23-Apr |

| PM Exceedances |                                                                                                                                                                                                                            |        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| U1.            | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25.<br>Poor ESP casing performance.<br>High hopper levels.<br>DHP issues. | 24-Apr |
| U1.            | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25.<br>Poor ESP casing performance.<br>High hopper levels.<br>DHP issues. | 25-Apr |
| U1.            | Unit 1 synchronised on 2025/04/21 @ 12:07 and emissions need to be below the limit by 2025/04/24 @ 12:07 and continue being below on the 2025/04/25.                                                                       | 26-Apr |
| U1.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.                                                                                                                                                         | 27-Apr |
| U1.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.                                                                                                                                                         | 28-Apr |
| U1.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.                                                                                                                                                         | 29-Apr |
| U1.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.                                                                                                                                                         | 30-Apr |
| U3.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.                                                                                                                                                         | 01-Apr |
| U3.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.                                                                                                                                                         | 02-Apr |
| U3.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.                                                                                                                                                         | 04-Apr |
| U3.            | SO3 Plant tripped.<br>Poor ESP casings performance.                                                                                                                                                                        | 05-Apr |
| U3.            | SO3 Plant tripped.<br>Poor ESP casings performance.                                                                                                                                                                        | 08-Apr |

| PM Exceedances |                                                                                                                                                                                                                      |        |
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| U3.            | Poor ESP casing performance.                                                                                                                                                                                         | 09-Apr |
| U3.            | Unit synchronised on 2025/04/19 @ 06:43 and emissions need to be below the limit by 2025/04/22 @ 06:43 and continue being below on the 2025/04/23.<br>Poor ESP casing performance.                                   | 20-Apr |
| U3.            | Unit synchronised on 2025/04/19 @ 06:43 and emissions need to be below the limit by 2025/04/22 @ 06:43 and continue being below on the 2025/04/23.<br>Poor ESP casing performance.                                   | 21-Apr |
| U3.            | Unit synchronised on 2025/04/19 @ 06:43 and emissions need to be below the limit by 2025/04/22 @ 06:43 and continue being below on the 2025/04/23.<br>Poor ESP casing performance.                                   | 22-Apr |
| U3.            | Unit synchronised on 2025/04/19 @ 06:43 and emissions need to be below the limit by 2025/04/22 @ 06:43 and continue being below on the 2025/04/23.<br>Poor ESP casing performance.<br>DHP issues.<br>Unit 3 tripped. | 23-Apr |
| U3.            | Poor ESP casing performance.<br>SO3 plant tripped.<br>DHP issues.                                                                                                                                                    | 24-Apr |
| U3.            | Poor ESP casing performance.<br>SO3 plant tripped.<br>DHP issues.                                                                                                                                                    | 25-Apr |
| U3.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.<br>SO3 plant issues.                                                                                                                              | 26-Apr |
| U3.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.                                                                                                                                                   | 27-Apr |
| U3.            | Poor ESP casing performance.<br>High hopper levels.<br>DHP issues.                                                                                                                                                   | 28-Apr |

| PM Exceedances |                                                                                                                                                                                                                                                                |        |
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| U3.            | Poor ESP casing performance.<br>High hopper levels.<br>RHO ESP casing on cooling for repairs.<br>Lost sulphur due to temps issues.                                                                                                                             | 29-Apr |
| U3.            | Boiler tripped due to LH Hydrastep.<br>Poor ESP casing performance.<br>High hopper levels.                                                                                                                                                                     | 30-Apr |
| U3.            | <ul style="list-style-type: none"> <li>Unit synchronized on load on the 29/04/2025 @09:14 and is expected to be below on the 02/05/2025 @09:14 and continue to be below the next day 03/5/2025.</li> </ul> Poor ESP casing performance.<br>High hopper levels. | 01-May |
| U4.            | Unit 4 start up conditions after BTL.                                                                                                                                                                                                                          | 16-Apr |
| U4.            | Unit 4 start up conditions after BTL.                                                                                                                                                                                                                          | 17-Apr |
| U4.            | Unit 4 start up conditions after BTL.                                                                                                                                                                                                                          | 19-Apr |
| U4.            | Poor ESP casing performance.<br>Manual rapping done.                                                                                                                                                                                                           | 20-Apr |
| U4.            | Poor ESP casing performance.<br>DHP issues.                                                                                                                                                                                                                    | 21-Apr |
| U4.            | Poor ESP casing performance.<br>LHO ESP casing outage.<br>Unit load below 350 MW.                                                                                                                                                                              | 22-Apr |
| U4.            | Unit running at low loads (No abatement plants).<br>Unit shut down for BTL.                                                                                                                                                                                    | 29-Apr |
| U4.            | Precip fields off due to low loads (340MW)                                                                                                                                                                                                                     | 30-Apr |
| U5.            | Poor ESP casing performance.<br>High hopper levels.                                                                                                                                                                                                            | 03-Apr |
| U5.            | Poor ESP casing performance.<br>High hopper levels.                                                                                                                                                                                                            | 06-Apr |
| U5.            | Poor ESP casing performance.<br>SO3 Plant tripped.<br>Monitor off due to electrical board issues.                                                                                                                                                              | 07-Apr |

| PM Exceedances |                                                                                                             |        |
|----------------|-------------------------------------------------------------------------------------------------------------|--------|
| U5.            | Poor ESP casings performance.<br>Clean rapping brought forward.                                             | 09-Apr |
| U5.            | Poor ESP casing performance.<br>Manual rapping done.                                                        | 10-Apr |
| U5.            | Poor ESP casing performance.                                                                                | 14-Apr |
| U5.            | Poor ESP casing performance.<br>High hopper levels.<br>Clean rapping brought forward.                       | 17-Apr |
| U5.            | Poor ESP casing performance.<br>Manual rapping done.                                                        | 19-Apr |
| U5.            | Poor ESP casing performance.<br>Manual rapping done.                                                        | 20-Apr |
| U5.            | Poor ESP casing performance.<br>SO3 plant cooling air fan off for repairs.                                  | 21-Apr |
| U5.            | Poor ESP casing performance.<br>SO3 plant cooling air fan off for repairs.<br>SO3 plant Air blower repairs. | 22-Apr |
| U5.            | Poor ESP casing performance.<br>SO3 plant Air blower repairs.<br>Manual rapping done.                       | 23-Apr |
| U5.            | Poor ESP casing performance.<br>SO3 plant Air blower repairs.<br>SO3 plant sulphur flow off.                | 24-Apr |
| U5.            | Poor ESP casing performance.<br>Clean rapping brought forward.                                              | 25-Apr |
| U5.            | Poor ESP casing performance.                                                                                | 26-Apr |
| U5.            | Poor ESP casing performance.<br>LHI ESP casing on cooling for inspection and repairs.                       | 27-Apr |
| U5.            | Poor ESP casing performance.<br>LHI ESP casing on cooling for inspection and repairs.                       | 28-Apr |
| U5.            | Poor ESP casing performance.<br>LHI ESP casing on cooling for inspection and repairs.                       | 29-Apr |
| U5.            | Poor ESP casing performance.<br>High hopper levels.                                                         | 30-Apr |
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| PM Exceedances |                                                                  |        |
|----------------|------------------------------------------------------------------|--------|
| U6.            | Higher hopper levels experienced causing poor casing performance | 01-Apr |
| U6.            | Higher hopper levels experienced causing poor casing performance | 03-Apr |
| U6.            | Higher hopper levels experienced causing poor casing performance | 04-Apr |
| U6.            | Higher hopper levels experienced causing poor casing performance | 05-Apr |
| U6.            | Higher hopper levels experienced causing poor casing performance | 07-Apr |
| U6.            | LHO casing on PTW due to ash leaking                             | 13-Apr |
| U6.            | Unit 6 shutdown due to no coal.                                  | 16-Apr |
| U6.            | Unit start-up                                                    | 17-Apr |
| U6.            | Unit start-up                                                    | 18-Apr |
| U6.            | LHI ESP casing Outage                                            | 20-Apr |
| U6.            | ESP Poor performance                                             | 22-Apr |
| U6.            | ESP Poor performance                                             | 24-Apr |
| U6.            | ESP Optimization                                                 | 25-Apr |
| U6.            | ESP Optimization                                                 | 26-Apr |
| U6.            | ESP Optimization                                                 | 27-Apr |
| U6.            | ESP Optimization                                                 | 27-Apr |
| U6.            | ESP Optimization                                                 | 28-Apr |
| U6.            | ESP Optimization                                                 | 29-Apr |
| U6.            | No Abatement plant available unit running at low load            | 30-Apr |