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Date:
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Ref: 17/AEL/MP312/11/09

Dear Ms. Simelane

KRIEL POWER STATION'S MONTHLY STACK EMISSIONS REPORT FOR THE MONTH OF FEBRUARY 2026

This serves as the monthly report required in terms of Section 7.4 in Kriel Power Station's Atmospheric Emission License 17/AEL/MP312/11/09. The emissions are for the month of February 2026. Verified emissions of particulates matter, SO₂ and NO_x (as NO₂) are also included.

Raw Materials and Products

Table 1: Quantity of Raw Materials and Products used/produced for the month of February 2026

| Raw Materials and Products used | Raw Material Type | Units | Maximum Permitted Consumption / Rate (Quantity) | Consumption / Rate in Month of February 2026 |
|----------------------------------------|--------------------------------|--------------|---------------------------------------------------------|-----------------------------------------------------|
| | Coal | Tons/month | 1 227 600 | 228 746.00 |
| | Fuel Oil | Tons/month | 8 000 | 2 704.04 |
| Production Rates | Product/ ByProduct Name | Unit | Maximum Production Capacity Permitted (Quantity) | Production Rate in Month of February 2026 |
| | Energy | GWh | 3 000/2 232 | 447.281 |
| | Ash | Tons/month | 320 000 | 50 927.943 |
| | RE PM | kg/MWh | not specified | 0.929 |

Abatement Technology

Table 2: Abatement Equipment Control Technology for February 2026.

| Associated Unit/Stack | Technology Type | Actual Efficiency (%) | Technology Type | SO ₃ Utilisation (%) |
|-----------------------|-----------------|-----------------------|-----------------------|---------------------------------|
| Unit 1 | ESP& SO3 | 99.88% | SO ₃ Plant | 100.00 |
| Unit 2 | ESP& SO3 | 98.40% | SO ₃ Plant | 100.00 |
| Unit 3 | ESP& SO3 | Off-line | SO ₃ Plant | Off-line |
| Unit 4 | ESP& SO3 | Off-line | SO ₃ Plant | Off-line |
| Unit 5 | ESP& SO3 | 99.16% | SO ₃ Plant | 100.00 |
| Unit 6 | ESP& SO3 | 99.31% | SO ₃ Plant | 100.00 |

Note: ESP plant does not contain bypass mode operation; hence plant 100% Utilised.

Energy Source Characteristics





Table 3: Energy Source Material Characteristics for the month of February 2026.

| Characteristic | Stipulated Range (Unit) | Monthly Average Content |
|-----------------|-------------------------|-------------------------|
| Sulphur Content | 0.6-1.2 (%) | 0.667 |
| Ash Content | 27-32 (%) | 22.264 |

Monthly Monitor Reliability

| Associated Unit/Stack | PM (%) | SO _x (%) | NO _x (%) |
|-----------------------|--------|---------------------|---------------------|
| North | 88.6 | 0.0 | 0.0 |
| South | 97.9 | 0.0 | 0.0 |

Emissions Reporting Graph Legend Description

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

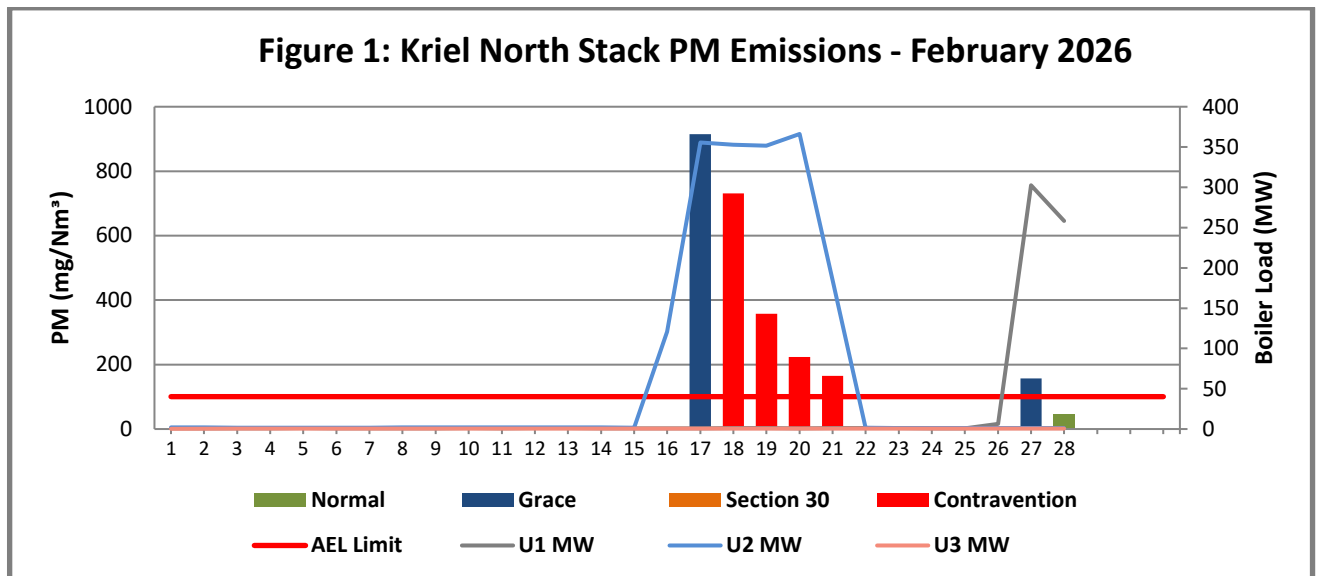


Figure 1: PM emissions for the month of February 2026 against daily emission limit (100 mg/Nm³) for the North Stack. Reasons for exceedances are indicated on Table 7 below.

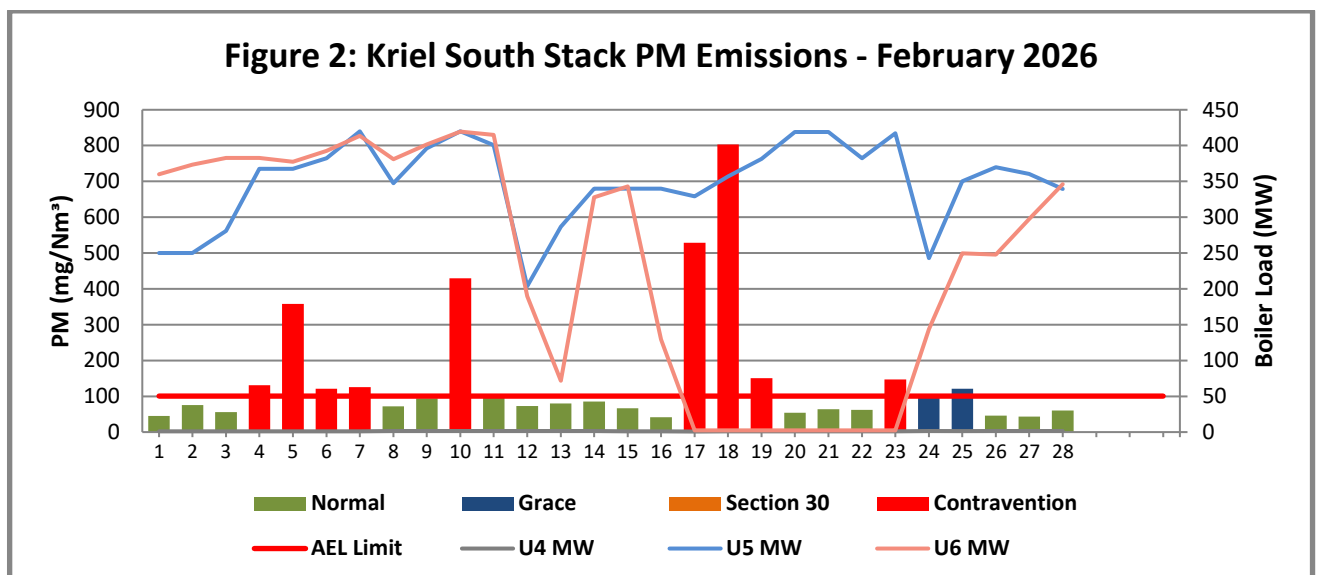


Figure 2: PM emissions for the month of February 2026 against daily emission limit (100 mg/Nm³) for the South Stack. Reasons for exceedances are indicated on Table 7 below.

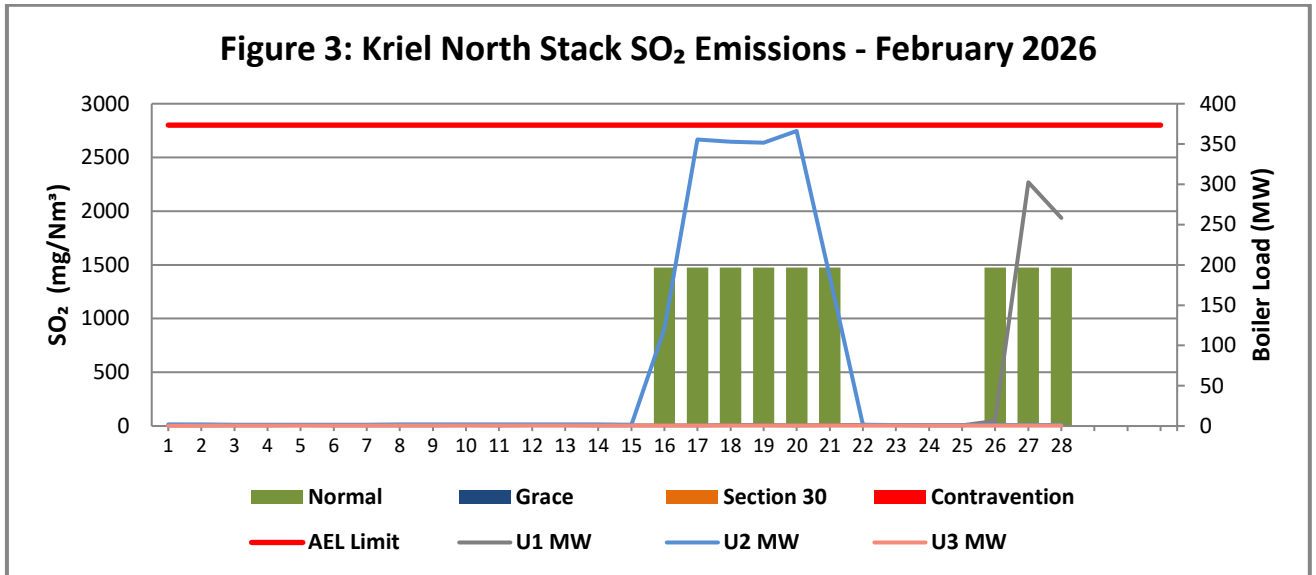


Figure 3. SO₂ emissions for the month of February 2026 against daily emission limit (2800 mg/Nm³) for the North Stack. Moreover, reason for constant reading is attributed to the fact that all gaseous readings are faulty due to possible monitor malfunctioning.

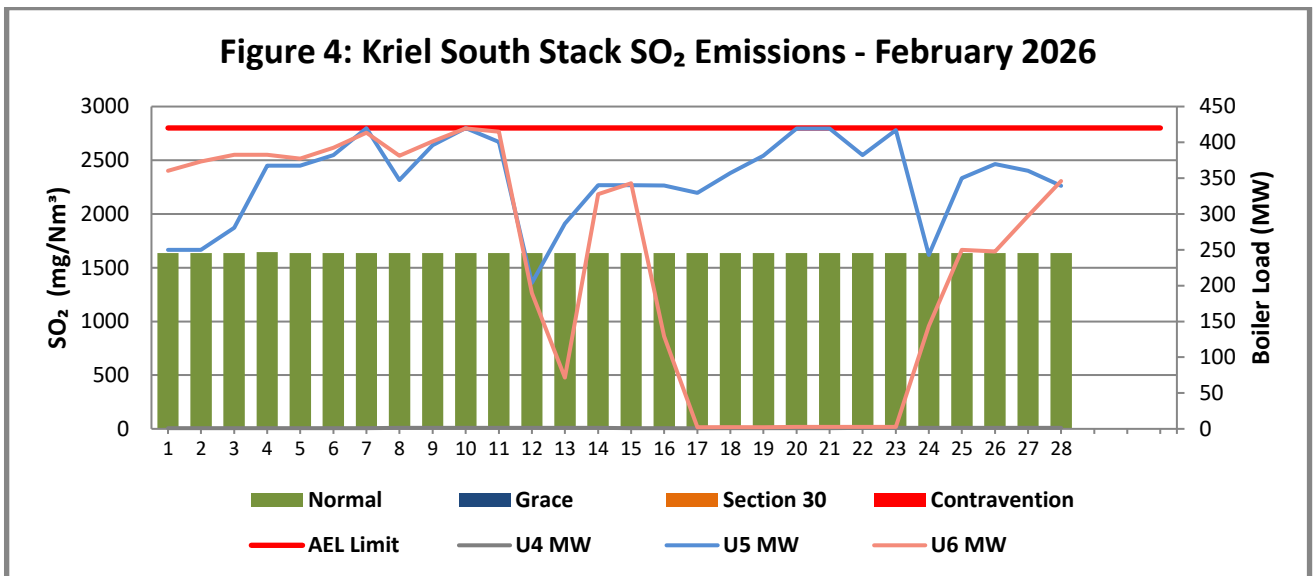


Figure 4. SO₂ emissions for the month of February 2026 against daily emission limit (2800mg/Nm³) for the South Stack. Moreover, reason for constant reading is attributed to the fact that all gaseous readings are faulty due to possible monitor malfunctioning.

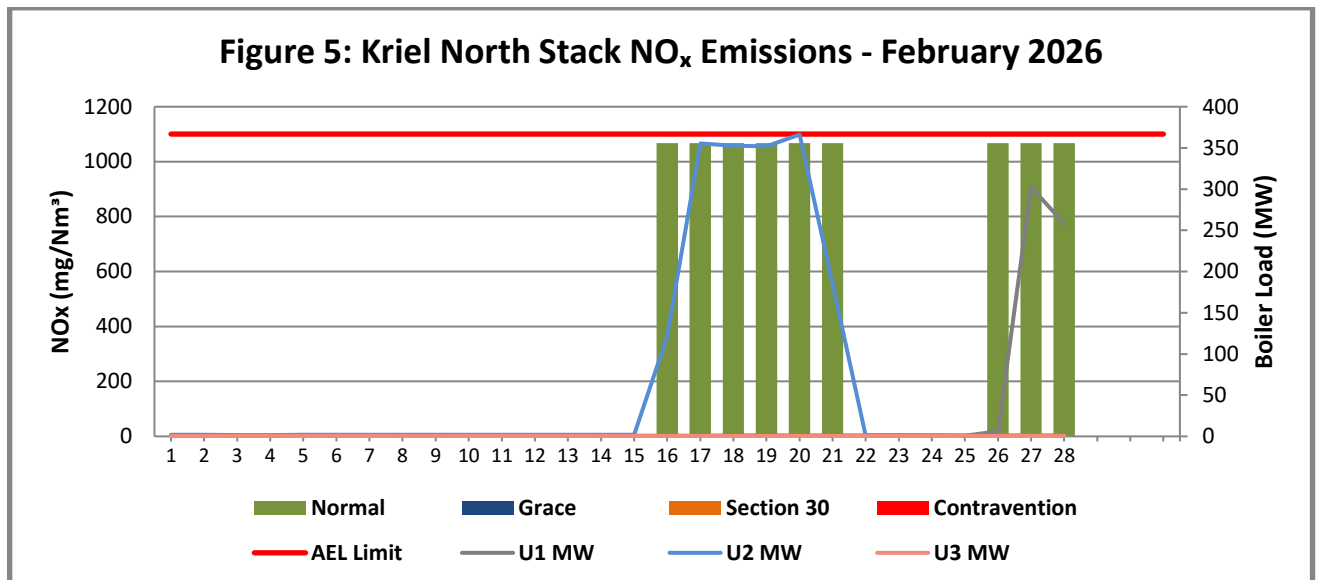


Figure 5. NO_x emissions for the month of February 2026 against daily emission limit (1100mg/Nm³) for the North Stack. Moreover, reason for constant reading is attributed to the fact that all gaseous readings are faulty due to possible monitor malfunctioning.

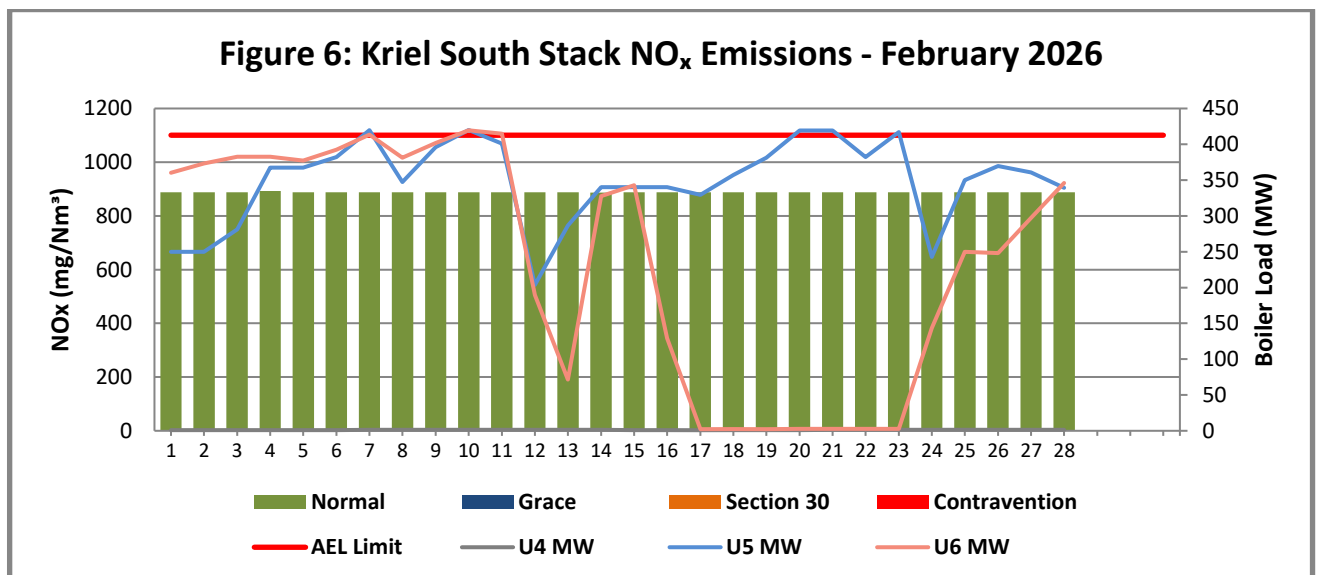


Figure 6. NO_x emissions for the month of February 2026 against daily emission limit (1100mg/Nm³) for the South Stack. Moreover, reason for constant reading is attributed to the fact that all gaseous readings are faulty due to possible monitor malfunctioning.

Table 4: Monthly tonnages for the month February 2026

| Unit | PM (tons) | SO ₂ (tons) | NO ₂ (tons) |
|------|-----------|------------------------|------------------------|
| SUM | 384.06 | 4 264 | 2 381 |

Table 5: Each unit and respective days operating under normal operation and section 30 days respectively.

Table 5.1: Operating days in non-compliance to PM AEL Limit – February 2026

| Associated Unit/Stack | Normal | Grace | Section 30 | Contravention | Monthly Limit Exceedance | Average PM (mg/Nm ³) |
|-----------------------|--------|-------|------------|---------------|--------------------------|----------------------------------|
| North | 1 | 2 | 0 | 4 | 6 | 370.4 |
| South | 17 | 2 | 0 | 9 | 11 | 147.8 |

Table 5.2: Operating days in compliance to SOx AEL Limit – February 2026

| Associated Unit/Stack | Normal | Grace | Section 30 | Contravention | Total Exceedance | Average SOx (mg/Nm ³) |
|-----------------------|--------|-------|------------|---------------|------------------|-----------------------------------|
| North | 9 | 0 | 0 | 0 | 0 | 1 475.4 |
| South | 28 | 0 | 0 | 0 | 0 | 1 636.5 |

Table 5.3: Operating days in compliance to NOx AEL Limit – February 2026

| Associated Unit/Stack | Normal | Grace | Section 30 | Contravention | Total Exceedance | Average NOx (mg/Nm ³) |
|-----------------------|--------|-------|------------|---------------|------------------|-----------------------------------|
| North | 9 | 0 | 0 | 0 | 0 | 1067.9 |
| South | 28 | 0 | 0 | 0 | 0 | 888.3 |

Light up information

Table 6: PM Start-up information for the month of February 2026

| Event Description | | Event 1 | | Event 2 | | Event 3 | | Event 4 | |
|-------------------|------------------------------------------|---------------|---------------|----------|----------|----------|----------|----------|----------|
| Unit 1 | Breaker Open (BO) | BO previously | BO previously | | | | | | |
| | Draught Group (DG) Shut Down (SD) | n/a | n/a | | | | | | |
| | BO to DG SD (duration) | n/a | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM |
| | Fires in time | 9:05 am | 2026/02/26 | | | | | | |
| | Synch. to Grid (or BC) | 9:45 pm | 2026/02/26 | | | | | | |
| | Fires in to BC (duration) | 00:12:40 | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM |
| | Emissions below limit from BC (end date) | 12:00 am | 2026/03/01 | | | | | | |
| | Emissions below limit from BC (duration) | 02:02:15 | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM |

| Event Description | | Event 1 | | Event 2 | | Event 3 | | Event 4 | |
|-------------------|------------------------------------------|----------|------------|----------|----------|----------|----------|----------|----------|
| Unit 2 | Breaker Open (BO) | 12:05 pm | 2026/02/21 | | | | | | |
| | Draught Group (DG) Shut Down (SD) | 2:40 am | 2026/02/22 | | | | | | |
| | BO to DG SD (duration) | 00:14:35 | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM |
| | Fires in time | 4:25 am | 2026/02/16 | | | | | | |
| | Synch. to Grid (or BC) | 12:50 pm | 2026/02/16 | | | | | | |
| | Fires in to BC (duration) | 00:08:25 | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM |
| | Emissions below limit from BC (end date) | 12:00 am | 2026/02/23 | | | | | | |
| | Emissions below limit from BC (duration) | 06:11:10 | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM | DD:HH:MM |

| Event Description | | Event 1 | | Event 2 | | Event 3 | | Event 4 | |
|-------------------|------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------|----------|---------|----------|
| Unit 5 | Breaker Open (BO) | 12:30 pm | 2026/02/12 | 8:00 am | 2026/02/24 | | | | |
| | Draught Group (DG) Shut Down (SD) | DG did not trip or SD | DG did not trip or SD | DG did not trip or SD | DG did not trip or SD | | | | |
| | BO to DG SD (duration) | n/a | DD:HH:MM | n/a | DD:HH:MM | | DD:HH:MM | | DD:HH:MM |
| | Fires in time | 12:30 pm | 2026/02/12 | 8:00 am | 2026/02/24 | | | | |
| | Synch. to Grid (or BC) | 9:25 pm | 2026/02/12 | 1:25 pm | 2026/02/24 | | | | |
| | Fires in to BC (duration) | 00:08:55 | DD:HH:MM | 00:05:25 | DD:HH:MM | | DD:HH:MM | | DD:HH:MM |
| | Emissions below limit from BC (end date) | 12:00 am | 2026/02/16 | 12:00 am | 2026/02/26 | | | | |
| | Emissions below limit from BC (duration) | 03:02:35 | DD:HH:MM | 01:10:35 | DD:HH:MM | | DD:HH:MM | | DD:HH:MM |

| Event Description | | Event 1 | | Event 2 | | Event 3 | | Event 4 | |
|-------------------|------------------------------------------|----------|------------|----------|------------|---------------|---------------|---------|----------|
| Unit 6 | Breaker Open (BO) | 12:35 pm | 2026/02/12 | 9:00 am | 2026/02/16 | BO previously | BO previously | | |
| | Draught Group (DG) Shut Down (SD) | 3:00 pm | 2026/02/12 | 11:05 pm | 2026/02/16 | n/a | n/a | | |
| | BO to DG SD (duration) | 00:02:25 | DD:HH:MM | 00:14:05 | DD:HH:MM | n/a | DD:HH:MM | | DD:HH:MM |
| | Fires in time | 1:10 am | 2026/01/29 | 2:55 am | 2026/02/13 | 7:15 pm | 2026/02/23 | | |
| | Synch. to Grid (or BC) | 4:05 pm | 2026/01/29 | 4:25 pm | 2026/02/13 | 9:50 am | 2026/02/24 | | |
| | Fires in to BC (duration) | 00:14:55 | DD:HH:MM | 00:13:30 | DD:HH:MM | 00:14:35 | DD:HH:MM | | DD:HH:MM |
| | Emissions below limit from BC (end date) | 12:00 am | 2026/02/01 | 12:00 am | 2026/02/16 | 12:00 am | 2026/02/26 | | |
| | Emissions below limit from BC (duration) | 02:07:55 | DD:HH:MM | 02:07:35 | DD:HH:MM | 01:14:10 | DD:HH:MM | | DD:HH:MM |

Reasons for emissions poor performance for both stacks in February 2026

Table 7: Reasons for emissions poor performance for February 2026

| Start Date | Plant | Reason | Impact on Emissions | Actions | Feedback | Completion Date |
|-----------------------------------------------|-------------|---------------------------------------------------------------|-----------------------|--------------------------------------|-----------------------------------------------------------------------------------------|-----------------|
| Continuous Emission Monitoring Systems | | | | | | |
| 2025/03/01 | South Stack | Gaseous monitor for O2 and NOx malfunction | No readings available | OEM(SICK) to come on site and repair | CIE and CID requested OEM to come on site. Station awaiting SICK Automation technician. | 24/04/2026 |
| 2025/06/29 | North Stack | CO ppm Monitor malfunctioning | No readings available | CID and CIE to inspect | No feedback | 24/04/2026 |
| 2025/06/29 | South Stack | All gaseous readings are faulty. Possible monitor malfunction | No readings available | CID and CIE to inspect | No feedback | 24/04/2026 |
| Plant Failures | | | | | | |

| | | | | | | |
|-------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------|
| 04/02/2026 - 05/02/2026 | South Stack | SO3 plant off due to loss of steam supply to the system. The steam supply control valve was off due to loss of service air. The service air supply was isolated for a service air leak repair. | High emissions due to no SO3 injection. | Maintenance to attend to the service air leak defect. | The repairs were completed by 04/02/2026 & The SO3 plant was back in service on the 05/02/2026. | 05/02/2026 |
| 06/02/2026 - 07/02/2026 | South Stack | The Injection of the SO3 on Unit 5 was initiated late on the 5th of Feb and due to this reason, it was expected the effect of the condition of the fly ash might take time to have an effect on the collection effectiveness on the ESP. Another contributory factor to high PE is the fact that there were 4 CE Rappers and 4 DE Rappers that were not in service. Non-working Rappers were attended on the 7th of February. | High emissions due to poor ESP performance | Maintenance to attend to defective rappers. | Non-working Rappers were attended on the 7th of February. | 07/02/2026 |
| 10/02/2026 | South Stack | Unit 5 SO3 plant sulphur dosing pump tripped on low sulphur flow protection due to a cold spot on the line. Unit 6 SO3 sulphur dosing pump tripped when unit 5 pump tripped due to a communication fault. | High emissions due to no SO3 injection | Maintenance to attend to the communication fault that resulted in unit 5 & 6 tripping same time. | The pumps were put back in service on the 10/02/2026 and the emissions were below the limit by the 11/02/2026. | 11/02/2026 |
| 17/02/2026 | South Stack | Unit 5 SO3 plant off for steam leak repairs. | High emissions due to no SO3 injection. | Maintenance to attend to the steam leak. | Steam leak repairs completed on the 17/02/2025 around 22:00 | 17/02/2026. |
| 18/02/2026- 19/02/2026 | South Stack | Failure to start unit 5 sulphur dosing pump due to alarms that failed to clear. The alarms were as results of communication fault between unit 5 & 6 SO3 plant and defective fibre. | High emissions due to no SO3 injection. | Maintenance & Engineering to attend the alarm preventing the start of the sulphur dosing pump. | The dosing pump was back in service late on the 18/02/2026 and this affected emissions on the 18/02/2026 and 19/02/2026. | 19/02/2026. |
| 23/02/2026 | South Stack | Unit 5 SO3 plant tripped due to loss of power supply to the pump house | High emissions due to no SO3 injection. | Maintenance to attend to the power failure at the south pump house | Power was resorted on the 23/02/2026 | 23/02/2026 |
| 18/02/2026 - 19/02/2026 | North Stack | The units on the North Stack were off for more than a month and as a result there was no steam supply to the Sulphur Storage tank and the sulphur had solidified. It took 48 hours post synchronisation of unit 2 for the dosing pump to have a flow. | High emissions due to no SO3 injection. | | | 19/02/2026. |

| | | | | | | |
|----------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------|--------------------------------|------------|
| 20/02/2026 - 21/02/2026 | North Stack | Unit 2 five ESP fields were underperforming with 1 tripping on undervoltage (full hoppers) which resulted from transportation line defects and blow tanks. | High emissions due to poor ESP performance | Maintenance to attend to the defective blow tanks and transportation line defects. | Unit offload on the 21/02/2026 | 21/02/2026 |
|----------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------|--------------------------------|------------|

Complaints Register

Table 8: Complaint for the month of February 2026

| Source Code/ Name | Root Cause Analysis | Calculation of Impacts/ emissions associated with the incident | Dispersion modeling of pollutants where applicable | Measures implemented to prevent reoccurrence | Date by which measure will be implemented |
|-------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------|-------------------------------------------|
| There was no complaint related to air quality received during the month of February 2026. | | | | | |

General

The number of hours for which PM emissions exceeded the limit on the North Stack is 121.5 and on the South Stack is 1 013 for the month February 2026.

NB: The rest of the information demonstrating compliance with the emissions license conditions is supplied in the annual emission reports sent to your office.