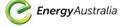


# EnergyAustralia Yallourn Pty Ltd Monthly Air Emissions Compliance Report

January 2024

| Monthly Discharge to Air Compliance Executive Summary |                 |  |                   |                 |
|---|-----------------|--|-------------------|-----------------|
| Indicator   | Carbon Monoxide | Oxides of Nitrogen (as NO <sub>2</sub> ) | Particles (Total) | Sulphur Dioxide |
| Maximum Licence Limit (g/min)                         | 139,000         | 51,600                                   | 24,100            | 104,000         |
| Monthly Maximum<br>Reported (g/min)                   | 44,976          | 25,688                                   | 18,238            | 47,348          |
| 90th Percentile Licence<br>Limit (g/min)              | 85,600          | 49,100                                   | 14,500            | 73,100          |
| YTD Month End 90th<br>Percentile (g/min)              | 17,608          | 19,395                                   | 12,148            | 46,111          |
| Discharge to Air Licence Limit Compliance             |                 | 100%                                     | 100%              | 100%            |
| Monitoring System Availability (%)                    |                 | 100%                                     | 100%              | 100%            |



| EPA Operating Licence Site Details |   |  |  |
|------------------------------------|---|--|--|
| Licence Holder                     | EnergyAustralia Yallourn PTY LTD  |  |  |
| Licence Number                     | OL000010961   |  |  |
| Premises Address                   | Eastern Rd, Yallourn VIC 3825   |  |  |
| Site Description                   | This licence applies to a premises, where brown coal is mined and electricity is generated in a brown coal fired power station. |  |  |
| Reporting Period                   | January 2024  |  |  |
|                                    | <b>A1:</b> Latitude -38.1769981; Longitude 146.345441   |  |  |
| Licence Discharge Points           | <b>A2a:</b> Latitude -38.1769981; Longitude 146.3454416   |  |  |
|                                    | <b>A2b:</b> Latitude -38.1772303; Longitude 146.3447922   |  |  |
|                                    | Permission Information and Performance Statements   |  |  |
| Websites                           | Type of Operating Licences  |  |  |
|                                    | EPA AirWatch  |  |  |
|                                    | Latrobe Valley Air Monitoring Network Inc.  |  |  |

| Discharge to Air Licence Limits |                                      |  |          |                                |               |              |
|---------------------------------|--------------------------------------|--|----------|--------------------------------|---------------|--------------|
| Discharge<br>Point              | Description<br>of Discharge<br>Point | Indicator                                | Units[1] | 90th<br>Percentile<br>Limit[2] | Maximum Limit | Frequency[3] |
| A1, A2a,<br>A2b                 | Bubble Limit<br>for A1, A2a,<br>A2b  | Carbon Monoxide                          | g/min    | 85,600                         | 139,000       | Continuous   |
|                                 |                                      | Oxides of Nitrogen (as NO <sub>2</sub> ) | g/min    | 49,100                         | 51,600        | Continuous   |
|                                 |                                      | Particles (Total)                        | g/min    | 14,500                         | 24,100        | Continuous   |
|                                 |                                      | Sulfur Dioxide                           | g/min    | 73,100                         | 104,000       | Continuous   |

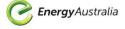
- [1] g/min =grams per minute 30 minute average
- [2] 90th percentile limits are based on a 12-month rolling average
- [3] Monitoring Frequency



|                   | Monthly Air Emissions Daily Performance  |  |   |  |  |
|-------------------|--|--|---|--|--|
| Indicator         | Carbon Monoxide Daily<br>Maximum (g/min) | Oxides of Nitrogen<br>(as NO <sub>2</sub> ) Daily<br>Maximum (g/min) | Particles (Total)[5] Daily<br>Maximum (g/min) | Sulfur Dioxide<br>Daily Maximum<br>(g/min) |  |
| Maximum<br>Limits | 139,000                                  | 51,600   | 24,100  | 104,000                                    |  |
| 01-Jan-24         | 14,716                                   | 16,318   | 11,826  | 25,237                                     |  |
| 02-Jan-24         | 14,391                                   | 16,607   | 9,174   | 21,135                                     |  |
| 03-Jan-24         | 44,976                                   | 19,668   | 11,206  | 28,086                                     |  |
| 04-Jan-24         | 40,293                                   | 18,502   | 14,418  | 44,117                                     |  |
| 05-Jan-24         | 22,459                                   | 18,442   | 13,715  | 45,022                                     |  |
| 06-Jan-24         | 25,171                                   | 18,249   | 12,678  | 46,815                                     |  |
| 07-Jan-24         | 23,282                                   | 18,267   | 12,701  | 47,348                                     |  |
| 08-Jan-24         | 24,461                                   | 18,153   | 13,569  | 44,204                                     |  |
| 09-Jan-24         | 15,282                                   | 18,977   | 11,681  | 40,252                                     |  |
| 10-Jan-24         | 23,477                                   | 19,579   | 13,634  | 35,281                                     |  |
| 11-Jan-24         | 30,120                                   | 18,778   | 14,537  | 30,444                                     |  |
| 12-Jan-24         | 18,850                                   | 25,688   | 16,936  | 33,283                                     |  |
| 13-Jan-24         | 14,509                                   | 16,694   | 12,983  | 31,834                                     |  |
| 14-Jan-24         | 16,616                                   | 12,948   | 8,928   | 19,143                                     |  |
| 15-Jan-24         | 15,168                                   | 13,621   | 10,418  | 19,790                                     |  |
| 16-Jan-24         | 16,229                                   | 14,770   | 11,841  | 21,488                                     |  |
| 17-Jan-24         | 17,481                                   | 15,156   | 11,477  | 19,796                                     |  |
| 18-Jan-24         | 17,842                                   | 14,789   | 14,295  | 32,089                                     |  |
| 19-Jan-24         | 20,296                                   | 16,232   | 12,191  | 31,614                                     |  |
| 20-Jan-24         | 25,092                                   | 16,120   | 8,731   | 24,447                                     |  |
| 21-Jan-24         | 14,816                                   | 16,124   | 13,046  | 24,366                                     |  |
| 22-Jan-24         | 12,559                                   | 21,598   | 16,309  | 29,594                                     |  |
| 23-Jan-24         | 26,613                                   | 22,492   | 18,238  | 31,165                                     |  |
| 24-Jan-24         | 12,713                                   | 22,751   | 17,191  | 30,296                                     |  |
| 25-Jan-24         | 18,103                                   | 21,182   | 16,246  | 40,398                                     |  |
| 26-Jan-24         | 18,844                                   | 20,857   | 14,474  | 32,590                                     |  |
| 27-Jan-24         | 12,037                                   | 20,899   | 14,538  | 28,520                                     |  |
| 28-Jan-24         | 10,559                                   | 22,637   | 16,842  | 29,973                                     |  |
| 29-Jan-24         | 11,298                                   | 21,294   | 13,522  | 28,765                                     |  |
| 30-Jan-24         | 16,780                                   | 21,382   | 14,197  | 29,735                                     |  |
| 31-Jan-24         | 24,758                                   | 22,013   | 14,888  | 40,900                                     |  |

| Air Emissions 90th Percentile Performance [2] |                         |   |                              |                          |
|---|-------------------------|---|------------------------------|--------------------------|
|   | Carbon Monoxide (g/min) | Oxides of Nitrogen<br>(as NO <sub>2</sub> ) (g/min) | Particles (Total)[5] (g/min) | Sulfur<br>Dioxide(g/min) |
| 90th<br>Percentile<br>Licence<br>Limits       | 85,600                  | 49,100  | 14,500                       | 73,100                   |
| 90th<br>Percentile<br>(Month End)             | 17,608                  | 19,395  | 12,148                       | 46,111                   |

<sup>[5]</sup> In accordance with licence condition LI\_DA1.10.3 & and LI \_DA1.10.4 the discharge limits for particles do not apply during the plant start-up and shut-down or the accidental failure of major operating equipment and has been excluded from this daily total.

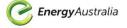


## **Monthly Data Explanation**

#### **Licence Limit Exceedances**

| This table provides a summary and explanation of exceedances of air discharge limits |                       |                               |  |
|--|-----------------------|-------------------------------|--|
| Date   | Indicator<br>Exceeded | Location<br>(A1, A2a,<br>A2b) | Explanation  |
| N/A  | N/A                   | N/A                           | No exceedances of licence conditions were reported for the month of January. |

## **Monitoring Systems Availability**



# **Yallourn Power Station - Licenced Discharge to Air Points**



