

# EnergyAustralia Yallourn Pty Ltd

## Monthly Air Emissions Compliance Report

January 2025



**EnergyAustralia**

LIGHT THE WAY

# Monthly Discharge to Air Compliance Executive Summary

Indicator	Carbon Monoxide	Oxides of Nitrogen (as NO <sub>2</sub> )	Particles (Total)	Sulphur Dioxide
<b>Maximum Licence Limit (g/min)</b>	<b>139,000</b>	<b>51,600</b>	<b>24,100</b>	<b>104,000</b>
Monthly Maximum Reported (g/min)	68,896	31,028	15,683	76,180
<b>90th Percentile Licence Limit (g/min)</b>	<b>85,600</b>	<b>49,100</b>	<b>14,500</b>	<b>73,100</b>
YTD Month End 90th Percentile (g/min)	19,759	23,574	12,258	36,048
<b>Discharge to Air Licence Limit Compliance</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
Monitoring System Availability (%)	100%	100%	100%	100%

# EPA Operating Licence Site Details

<b>Licence Holder</b>	EnergyAustralia Yallourn PTY LTD
<b>Licence Number</b>	OL000010961
<b>Premises Address</b>	Eastern Rd, Yallourn VIC 3825
<b>Site Description</b>	This licence applies to a premises, where brown coal is mined and electricity is generated in a brown coal fired power station.
<b>Reporting Period</b>	January 2025
<b>Licence Discharge Points</b>	A1: Latitude -38.1769981; Longitude 146.345441
	A2a: Latitude -38.1769981; Longitude 146.3454416
	A2b: Latitude -38.1772303; Longitude 146.3447922
<b>Websites</b>	<a href="#">Permission Information and Performance Statements</a>
	<a href="#">Types of Operating Licences</a>
	<a href="#">EPA AirWatch</a>
	<a href="#">Latrobe Valley Air Monitoring Network Inc.</a>

# Discharge to Air Licence Limits

Discharge Point		Indicator	Units [1]	90th Percentile Limit [2]	Maximum Limit	Monitoring Frequency
A1 A2a A2b	Bubble Limit A1, A2a, 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

# Monthly Air Emissions Daily Performance

Indicator	Carbon Monoxide Daily Maximum (g/min)	Oxides of Nitrogen (as NO <sub>2</sub> ) Daily Maximum (g/min)	Particles (Total) [3] Daily Maximum (g/min)	Sulfur Dioxide Daily Maximum (g/min)
<b>Maximum Limits</b>	<b>139,000</b>	<b>51,600</b>	<b>24,100</b>	<b>104,000</b>
01-Jan-25	9,648	13,108	6,128	22,506
02-Jan-25	14,268	13,895	6,276	16,680
03-Jan-25	9,131	13,967	6,149	18,996
04-Jan-25	12,169	19,075	5,960	21,366
05-Jan-25	7,821	21,638	5,432	21,799
06-Jan-25	7,087	12,765	5,532	20,436
07-Jan-25	7,298	12,129	5,270	16,532
08-Jan-25	19,896	11,717	5,026	16,461
09-Jan-25	53,187	14,092	6,175	18,075
10-Jan-25	22,987	15,733	9,314	27,657
11-Jan-25	37,772	20,492	12,844	33,180
12-Jan-25	33,813	18,504	15,683	36,801
13-Jan-25	33,836	17,966	12,607	37,636
14-Jan-25	17,480	13,171	8,422	30,020
15-Jan-25	53,392	17,147	14,527	39,835
16-Jan-25	41,254	17,454	14,910	42,395
17-Jan-25	28,570	16,536	15,304	43,531
18-Jan-25	21,479	16,859	13,471	30,530
19-Jan-25	30,356	18,480	14,317	49,252
20-Jan-25	25,577	18,385	14,277	49,917
21-Jan-25	40,447	20,908	14,714	44,243
22-Jan-25	58,774	16,728	13,791	68,790
23-Jan-25	41,958	18,075	12,575	75,314
24-Jan-25	37,648	18,662	9,988	76,180
25-Jan-25	34,180	18,872	13,810	54,363
26-Jan-25	26,391	18,448	14,703	48,300
27-Jan-25	68,896	31,028	14,400	42,088
28-Jan-25	59,519	18,493	15,641	39,004
29-Jan-25	55,530	18,420	9,342	30,895
30-Jan-25	21,579	18,977	10,251	28,715
31-Jan-25	37,058	20,790	10,714	34,786

[3] 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.

# Air Emissions 90th Percentile Performance [2]

	<b>Carbon Monoxide (g/min)</b>	<b>Oxides of Nitrogen (as NO2) (g/min)</b>	<b>Particulate Matter (g/min) (Total) [3]</b>	<b>Sulfur Dioxide (g/min)</b>
<b>90th Percentile Licence Limits</b>	<b>85,600</b>	<b>49,100</b>	<b>14,500</b>	<b>73,100</b>
90th Percentile (Month End)	19,759	23,574	12,258	36,048

[2] 90th percentile limits are based on a 12-month rolling average

[3] 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 Exceeded	Location (A1, A2a, A2b)	Explanation
N/A	N/A	N/A	No exceedances of licence conditions were reported for the month.

## Monitoring Systems Availability

This table provides a summary of missing data periods requiring substitutions used for determination of daily compliance status

Date/Time	Loss of Availability (% of month)	Indicator	Location (A1, A2a, A2b)	Explanation
N/A	N/A	N/A	N/A	No Data losses were reported for the month.



# Yallourn Power Station - Licenced Discharge to Air Points

