



EnergyAustralia
LIGHT THE WAY

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

December 2024

Monthly Discharge to Air Compliance Executive Summary				
Indicator	Carbon Monoxide	Oxides of Nitrogen (as NO₂)	Particles (Total)	Sulphur Dioxide
Maximum Licence Limit (g/min)	139,000	51,600	24,100	104,000
Monthly Maximum Reported (g/min)	63,389	30,126	12,110	49,586
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	18,878	23,565	12,331	35,513
Discharge to Air Licence Limit Compliance	100%	100%	100%	100%
Monitoring System Availability (%)	100%	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	December 2024
Licence Discharge Points	A1: Latitude -38.1769981; Longitude 146.345441
	A2a: Latitude -38.1769981; Longitude 146.3454416
	A2b: Latitude -38.1772303; Longitude 146.3447922
Websites	Permission Information and Performance Statements
	Types of Operating Licences
	EPA AirWatch
	Latrobe Valley Air Monitoring Network Inc.

Discharge to Air Licence Limits						
Discharge Point		Indicator	Units [1]	90th Percentile Limit [2]	Maximum Limit	Frequency[3]
A1, A2a, A2b	Bubble Limit for A1, A2a, A2b	Carbon Monoxide	g/min	85,600	139,000	Continuous
		Oxides of Nitrogen (as NO ₂)	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 Maximum (g/min)	Oxides of Nitrogen (as NO ₂) Daily Maximum (g/min)	Particles (Total)[5] Daily Maximum (g/min)	Sulfur Dioxide Daily Maximum (g/min)
Maximum Limits	139,000	51,600	24,100	104,000
01-Dec-24	10,568	18,437	10,338	28,124
02-Dec-24	17,254	21,564	10,990	28,818
03-Dec-24	22,317	18,314	9,609	26,083
04-Dec-24	15,409	19,034	10,132	27,911
05-Dec-24	28,831	21,789	11,223	31,113
06-Dec-24	27,419	21,623	10,878	33,072
07-Dec-24	28,751	18,087	10,377	30,167
08-Dec-24	16,377	20,477	9,106	28,787
09-Dec-24	30,477	19,351	8,711	29,350
10-Dec-24	28,757	18,287	8,933	27,059
11-Dec-24	19,193	19,616	9,212	26,281
12-Dec-24	42,660	18,910	11,150	25,767
13-Dec-24	29,912	18,281	9,589	32,425
14-Dec-24	29,696	20,325	9,752	32,750
15-Dec-24	63,389	19,609	8,386	32,665
16-Dec-24	17,388	30,126	9,947	40,811
17-Dec-24	22,354	18,784	9,853	39,546
18-Dec-24	18,954	19,154	11,527	49,586
19-Dec-24	15,936	19,957	11,525	48,967
20-Dec-24	16,388	20,728	11,206	48,124
21-Dec-24	14,621	18,922	12,110	40,658
22-Dec-24	18,795	18,077	10,656	40,906
23-Dec-24	18,422	13,955	6,790	30,254
24-Dec-24	9,052	13,017	5,379	18,409
25-Dec-24	11,293	12,807	5,849	17,557
26-Dec-24	21,116	18,883	6,452	31,949
27-Dec-24	24,052	12,920	7,693	29,160
28-Dec-24	19,649	13,183	7,817	28,960
29-Dec-24	18,499	13,132	6,800	26,542
30-Dec-24	19,777	13,343	7,780	25,475
31-Dec-24	16,513	12,963	7,301	34,793

Air Emissions 90th Percentile Performance [2]				
	Carbon Monoxide (g/min)	Oxides of Nitrogen (as NO ₂) (g/min)	Particles (Total) [4] (g/min)	Sulfur Dioxide (g/min)
90th Percentile Licence Limits	85,600	49,100	14,500	73,100
90th Percentile (Month End)	18,878	23,565	12,331	35,513

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

[4] 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

