



EnergyAustralia

LIGHT THE WAY

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 ₂)	Particles (Total)	Sulphur Dioxide
Maximum Licence Limit (g/min)	139,000	51,600	24,100	104,000
Monthly Maximum Reported (g/min)	44,976	25,688	18,238	47,348
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	17,608	19,395	12,148	46,111
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	January 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
	Type of Operating Licences
	EPA AirWatch
	Latrobe Valley Air Monitoring Network Inc.

Discharge to Air Licence Limits						
Discharge Point	Description of 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-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 (as NO ₂) (g/min)	Particles (Total) ^[5] (g/min)	Sulfur Dioxide(g/min)
90th Percentile Licence Limits	85,600	49,100	14,500	73,100
90th Percentile (Month End)	17,608	19,395	12,148	46,111

[5] 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 of January.

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 of January

Yallourn Power Station - Licenced Discharge to Air Points

