



EnergyAustralia
LIGHT THE WAY

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

September 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)	54,826	28,624	20,775	79,924
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	18,441	23,469	12,269	37,891
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	September 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-Sep-24	15,976	21,287	10,050	32,754
02-Sep-24	53,062	25,239	17,011	25,022
03-Sep-24	19,531	24,107	13,082	29,551
04-Sep-24	18,429	20,407	10,077	25,576
05-Sep-24	15,838	19,325	14,609	22,583
06-Sep-24	38,212	18,769	12,366	31,730
07-Sep-24	15,830	19,568	10,573	25,508
08-Sep-24	9,766	18,735	9,467	20,772
09-Sep-24	16,014	26,474	14,905	28,593
10-Sep-24	30,663	24,793	17,542	32,537
11-Sep-24	27,019	26,173	18,822	16,082
12-Sep-24	54,826	25,351	15,723	14,733
13-Sep-24	31,988	26,149	18,286	79,924
14-Sep-24	18,514	26,599	20,006	64,992
15-Sep-24	22,422	26,449	20,775	44,835
16-Sep-24	34,002	28,624	20,635	57,876
17-Sep-24	24,530	27,878	16,578	39,143
18-Sep-24	32,119	20,285	15,139	33,129
19-Sep-24	21,083	21,896	15,442	27,985
20-Sep-24	21,694	21,876	15,858	16,581
21-Sep-24	22,843	21,020	12,687	13,903
22-Sep-24	28,570	19,946	11,005	13,227
23-Sep-24	31,453	20,737	12,020	15,176
24-Sep-24	21,663	21,430	12,710	15,033
25-Sep-24	22,075	20,869	16,047	10,838
26-Sep-24	23,763	21,161	12,270	15,952
27-Sep-24	31,739	22,595	11,644	14,836
28-Sep-24	25,027	20,957	10,149	9,128
29-Sep-24	47,084	22,010	13,119	12,768
30-Sep-24	41,945	23,477	13,272	15,371

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)	18,441	23,469	12,269	37,891

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

[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.

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

