



EnergyAustralia
LIGHT THE WAY

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

August 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)	46,710	29,633	19,159	69,928
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	18,220	22,751	11,777	38,974
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	August 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-Aug-24	27,373	28,292	17,451	18,552
02-Aug-24	17,570	26,171	14,877	18,799
03-Aug-24	9,519	21,295	10,706	16,384
04-Aug-24	11,535	22,580	10,778	14,561
05-Aug-24	12,397	22,257	10,305	12,824
06-Aug-24	21,575	21,828	11,169	14,797
07-Aug-24	12,278	28,478	13,465	44,847
08-Aug-24	23,142	25,530	18,295	50,094
09-Aug-24	12,850	23,528	9,697	23,679
10-Aug-24	8,956	24,122	9,778	21,186
11-Aug-24	8,671	23,284	8,909	20,960
12-Aug-24	13,921	26,775	11,858	34,768
13-Aug-24	13,217	26,303	16,154	43,904
14-Aug-24	21,805	26,347	15,612	31,072
15-Aug-24	32,879	27,472	15,331	39,903
16-Aug-24	20,329	27,680	14,105	36,319
17-Aug-24	33,571	26,789	15,003	43,963
18-Aug-24	29,046	27,514	15,783	42,298
19-Aug-24	32,231	28,717	16,517	29,529
20-Aug-24	25,391	29,633	18,428	26,505
21-Aug-24	30,744	28,292	17,470	24,909
22-Aug-24	23,470	26,920	14,720	69,928
23-Aug-24	22,407	26,095	13,495	57,324
24-Aug-24	46,710	23,800	16,495	43,437
25-Aug-24	10,011	24,152	12,969	26,331
26-Aug-24	43,100	26,379	19,159	21,085
27-Aug-24	20,716	23,393	13,249	15,938
28-Aug-24	15,760	24,713	12,122	42,975
29-Aug-24	29,459	25,314	14,452	29,085
30-Aug-24	11,630	22,302	10,217	50,929
31-Aug-24	15,907	21,813	9,997	41,988

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)	18,220	22,751	11,777	38,974

[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 during August 2024

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 August 2024

Yallourn Power Station - Licenced Discharge to Air Points

