



EnergyAustralia

LIGHT THE WAY

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

July 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)	54,073	28,547	19,573	35,698
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	18,216	21,638	11,514	38,319
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	July 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-Jul-24	29,089	27,265	12,321	17,683
02-Jul-24	22,478	25,561	10,488	13,684
03-Jul-24	44,484	26,291	12,423	10,887
04-Jul-24	33,439	26,798	10,749	14,478
05-Jul-24	35,385	27,415	15,217	21,099
06-Jul-24	32,819	26,430	19,469	18,240
07-Jul-24	26,539	27,183	18,736	13,845
08-Jul-24	31,545	27,767	17,094	14,605
09-Jul-24	31,379	26,680	16,553	24,839
10-Jul-24	13,806	25,460	14,381	14,008
11-Jul-24	30,884	26,919	19,512	20,690
12-Jul-24	31,240	26,391	18,257	23,888
13-Jul-24	20,065	26,760	19,283	19,355
14-Jul-24	23,613	26,420	15,786	18,289
15-Jul-24	24,032	22,304	10,078	16,344
16-Jul-24	18,812	18,432	10,462	9,555
17-Jul-24	15,977	20,953	12,247	15,064
18-Jul-24	12,585	22,216	11,600	15,733
19-Jul-24	14,903	22,180	12,216	19,674
20-Jul-24	54,073	28,213	14,497	15,711
21-Jul-24	37,873	28,547	17,058	14,237
22-Jul-24	35,933	28,020	19,573	18,643
23-Jul-24	21,633	27,329	16,026	19,704
24-Jul-24	19,293	21,261	14,180	28,890
25-Jul-24	25,871	19,281	13,764	35,698
26-Jul-24	43,501	20,645	13,839	28,582
27-Jul-24	21,171	17,575	12,859	22,857
28-Jul-24	18,673	19,902	12,463	20,345
29-Jul-24	21,928	20,517	13,460	29,107
30-Jul-24	30,550	20,113	12,093	28,954
31-Jul-24	34,284	24,357	15,207	21,811

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)	18,216	21,638	11,514	38,319

[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 of July

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 July

Yallourn Power Station - Licenced Discharge to Air Points

