



EnergyAustralia[®]

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

December 2023

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)	37,473	21,254	13536	43,496
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	18,338	18,163	11,903	46,664
Discharge to Air Licence Limit Compliance	100%	100%	100%	100%
Monitoring System Availability (%)	100%	100%	100%	100%

EPA Licence Site Details

Licence Holder	EnergyAustralia Yallourn PTY LTD
Licence Number	10961
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 2023
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	Annual Performance Statement
	Current EPA Licence
	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-Dec-23	19,995	17,644	10,759	42,824
02-Dec-23	18,516	17,090	9,503	43,280
03-Dec-23	10,755	17,640	10,089	40,999
04-Dec-23	8,861	21,221	9,971	33,889
05-Dec-23	12,410	21,254	9,801	29,367
06-Dec-23	21,572	17,480	8,854	24,837
07-Dec-23	16,450	14,123	6,365	13,822
08-Dec-23	13,671	18,297	5,629	13,864
09-Dec-23	9,774	13,363	5,554	14,606
10-Dec-23	9,061	13,426	5,738	13,355
11-Dec-23	34,037	12,223	6,491	20,391
12-Dec-23	28,053	13,094	6,483	20,229
13-Dec-23	11,375	16,395	6,379	16,287
14-Dec-23	13,507	12,877	5,505	13,032
15-Dec-23	26,780	13,705	8,531	21,881
16-Dec-23	34,552	16,058	7,790	27,810
17-Dec-23	16,876	16,167	8,666	22,143
18-Dec-23	12,824	13,536	8,312	13,913
19-Dec-23	37,473	15,251	7,656	25,236
20-Dec-23	24,358	15,951	9,396	43,496
21-Dec-23	10,432	11,292	6,746	28,378
22-Dec-23	23,265	10,147	5,583	25,416
23-Dec-23	12,728	11,319	7,150	23,824
24-Dec-23	4,404	10,773	6,838	16,820
25-Dec-23	3,463	9,356	5,714	19,151
26-Dec-23	10,533	9,499	8,449	30,622
27-Dec-23	29,285	16,244	13,536	32,991
28-Dec-23	12,151	16,313	8,736	30,609
29-Dec-23	14,713	14,834	9,397	32,758
30-Dec-23	22,131	15,623	10,773	26,570
31-Dec-23	11,612	15,115	10,120	25,568

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)	18,338	18,163	11,903	46,664

[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 December.

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 December

Yallourn Power Station - Licenced Discharge to Air Points

