



EnergyAustralia[®]

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

October, 2022

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)	71,738	25,726	14,783	50,131
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	31,601	25,024	10,019	45,709
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	
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 ^[4]
		Oxides of Nitrogen (as NO ₂)	g/min	49,100	51,600	Continuous ^[4]
		Particles (Total)	g/min	14,500	24,100	Continuous
		Sulfur Dioxide	g/min	73,100	104,000	Continuous ^[4]

[1] g/min =grams per minute 30 minute average

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

[3] Monitoring Frequency

[4] Continuous monitoring using a CEMs system for discharge points A2a and A2b and an EPA approved predictive model method for discharge point A1.

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-Oct-22	33,063	25,180	12,083	47,214
02-Oct-22	47,292	25,726	10,699	45,175
03-Oct-22	40,740	25,225	10,963	46,119
04-Oct-22	32,381	25,434	11,474	46,338
05-Oct-22	40,533	25,237	10,977	50,131
06-Oct-22	33,739	24,821	11,521	49,745
07-Oct-22	42,262	20,681	8,678	40,965
08-Oct-22	34,020	21,073	11,767	42,994
09-Oct-22	43,905	20,502	9,024	41,095
10-Oct-22	25,637	20,408	9,306	41,557
11-Oct-22	23,829	20,456	8,762	42,193
12-Oct-22	48,481	20,999	8,807	39,886
13-Oct-22	44,731	20,940	10,563	39,764
14-Oct-22	36,048	21,168	8,745	39,731
15-Oct-22	28,158	19,533	8,448	36,586
16-Oct-22	35,221	20,863	8,938	38,050
17-Oct-22	34,250	21,528	9,505	38,900
18-Oct-22	57,614	21,389	9,395	41,234
19-Oct-22	71,738	21,081	10,297	42,394
20-Oct-22	51,273	21,497	12,247	41,267
21-Oct-22	53,413	19,651	10,324	39,516
22-Oct-22	21,886	12,946	7,867	26,378
23-Oct-22	35,148	13,180	8,063	26,370
24-Oct-22	33,840	12,703	6,814	24,506
25-Oct-22	39,711	15,108	11,145	29,181
26-Oct-22	25,101	13,641	9,435	33,082
27-Oct-22	31,713	17,111	12,273	35,278
28-Oct-22	32,809	14,510	8,514	34,279
29-Oct-22	30,789	14,405	7,381	28,931
30-Oct-22	29,134	17,790	10,022	29,893
31-Oct-22	23,566	21,415	14,783	34,690
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)	31,601	25,024	10,019	45,709
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[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 October.

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 reported for the month of October.

Yallourn Power Station - Licenced Discharge to Air Points

