



EnergyAustralia

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

[November, 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)	54,641	24,367	19,066	45,110
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	32,929	25,024	10,258	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-Nov-22	18,560	23,786	13,793	38,535
02-Nov-22	43,136	24,367	14,969	45,110
03-Nov-22	40,795	23,848	19,066	43,452
04-Nov-22	48,917	17,984	11,924	42,501
05-Nov-22	37,471	18,020	12,071	35,717
06-Nov-22	39,063	17,281	10,183	35,459
07-Nov-22	39,715	17,841	11,220	37,589
08-Nov-22	47,545	18,623	11,010	35,340
09-Nov-22	43,193	19,070	10,843	34,735
10-Nov-22	40,799	20,758	11,359	37,776
11-Nov-22	42,955	14,257	8,102	28,565
12-Nov-22	40,909	13,875	7,268	27,658
13-Nov-22	47,068	13,701	8,512	28,383
14-Nov-22	38,106	19,627	9,235	38,326
15-Nov-22	47,525	21,609	11,808	40,196
16-Nov-22	47,982	22,352	9,116	39,586
17-Nov-22	48,295	22,168	10,180	40,158
18-Nov-22	43,408	22,276	11,078	40,360
19-Nov-22	54,641	21,917	9,527	38,938
20-Nov-22	40,999	21,092	6,775	36,672
21-Nov-22	37,108	21,934	9,961	37,806
22-Nov-22	43,860	22,354	10,334	40,489
23-Nov-22	34,955	22,368	14,827	38,766
24-Nov-22	29,404	15,361	5,275	24,229
25-Nov-22	32,786	14,166	3,985	24,848
26-Nov-22	32,744	13,816	4,336	25,142
27-Nov-22	20,277	14,436	4,129	25,444
28-Nov-22	21,043	14,200	4,970	24,942
29-Nov-22	16,584	5,899	5,286	9,894
30-Nov-22	29,551	12,705	4,752	24,030

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)	32,929	25,024	10,258	45,709

[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 November.

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 November.

Yallourn Power Station - Licenced Discharge to Air Points

