



EnergyAustralia

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

October 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)	49,295	20,318	15,321	67,492
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	27,621	21,531	12,064	45,977
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	October 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-Oct-23	34,827	11,997	14,998	25,768
02-Oct-23	49,295	15,859	11,029	28,566
03-Oct-23	29,748	16,451	13,847	32,411
04-Oct-23	19,218	16,867	15,321	31,599
05-Oct-23	19,740	16,769	14,211	56,374
06-Oct-23	14,814	16,507	12,401	49,948
07-Oct-23	12,608	17,372	11,682	31,891
08-Oct-23	12,557	16,967	11,898	33,913
09-Oct-23	12,756	16,948	12,393	45,188
10-Oct-23	15,804	16,749	12,638	32,884
11-Oct-23	13,557	16,910	11,464	30,397
12-Oct-23	10,164	15,299	10,683	28,337
13-Oct-23	10,566	15,323	10,593	53,898
14-Oct-23	14,657	16,851	12,839	44,260
15-Oct-23	12,834	17,890	11,502	31,875
16-Oct-23	15,224	17,891	12,511	67,492
17-Oct-23	10,900	17,269	11,378	50,173
18-Oct-23	14,082	17,261	11,829	33,476
19-Oct-23	11,701	17,407	12,151	37,241
20-Oct-23	16,106	16,150	14,791	50,022
21-Oct-23	5,948	10,661	7,332	35,570
22-Oct-23	5,588	10,814	8,070	25,922
23-Oct-23	6,497	11,557	7,466	27,247
24-Oct-23	15,475	17,098	10,568	25,929
25-Oct-23	13,348	20,318	11,765	30,489
26-Oct-23	16,114	17,109	9,636	36,372
27-Oct-23	18,533	15,446	9,956	32,028
28-Oct-23	10,775	14,446	7,541	44,312
29-Oct-23	14,787	14,957	8,412	57,217
30-Oct-23	8,365	14,903	7,378	57,943
31-Oct-23	32,703	16,576	9,367	41,013

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)	27,621	21,531	12,064	45,977

[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 were reported for the month of October.

Yallourn Power Station - Licenced Discharge to Air Points

