



EnergyAustralia[®]

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

February 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)	42,687	20,489	23,831	79,614
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	32,180	24,797	10,646	46,028
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	February 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-Feb-23	25,495	16,346	10,530	42,282
02-Feb-23	27,361	18,456	23,831	44,294
03-Feb-23	16,767	11,603	9,740	38,880
04-Feb-23	13,005	12,876	10,772	35,271
05-Feb-23	18,804	12,091	9,707	38,916
06-Feb-23	22,456	11,028	21,390	38,674
07-Feb-23	23,101	10,444	9,414	18,844
08-Feb-23	14,421	10,490	12,923	16,997
09-Feb-23	12,185	5,590	5,492	11,592
10-Feb-23	2,577	5,513	4,574	11,299
11-Feb-23	2,520	5,341	4,462	10,794
12-Feb-23	1,733	4,856	4,253	10,160
13-Feb-23	19,787	8,678	7,021	18,331
14-Feb-23	7,651	8,601	7,431	18,368
15-Feb-23	8,116	8,352	7,081	19,669
16-Feb-23	14,904	16,804	16,759	31,347
17-Feb-23	15,343	20,489	8,900	30,428
18-Feb-23	42,687	14,171	17,572	32,602
19-Feb-23	24,981	16,736	12,196	31,894
20-Feb-23	16,890	10,875	11,523	29,085
21-Feb-23	13,233	10,297	12,433	28,444
22-Feb-23	13,167	10,553	12,755	27,666
23-Feb-23	23,280	11,130	12,082	32,960
24-Feb-23	18,959	12,472	11,368	41,505
25-Feb-23	20,326	18,705	16,070	62,329
26-Feb-23	14,062	14,681	15,463	60,335
27-Feb-23	12,883	14,584	14,942	79,614
28-Feb-23	14,286	16,674	14,754	51,829

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)	32,180	24,797	10,646	46,028

[5] In accordance with licence condition LI_DA1.10.3 & 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 exceedance were measured for the month of February.

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 February.

Yallourn Power Station - Licenced Discharge to Air Points

