



EnergyAustralia[®]

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

January 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)	49,787	21,596	14,177	56,230
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	32,195	24,831	10,399	45,589
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	January 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-Jan-23	12,110	19,764	5,446	28,104
02-Jan-23	15,867	15,713	7,484	29,427
03-Jan-23	29,554	17,811	8,826	38,239
04-Jan-23	11,062	17,315	7,813	37,854
05-Jan-23	10,066	16,714	8,242	37,619
06-Jan-23	12,010	16,168	8,812	34,440
07-Jan-23	30,128	15,495	8,902	49,003
08-Jan-23	24,204	16,137	13,410	49,846
09-Jan-23	29,512	17,465	6,940	31,331
10-Jan-23	13,978	13,141	9,014	31,294
11-Jan-23	16,076	12,737	8,079	27,473
12-Jan-23	44,816	13,943	8,440	45,555
13-Jan-23	24,371	13,090	8,215	47,637
14-Jan-23	18,247	18,902	14,177	51,541
15-Jan-23	42,045	17,392	11,624	56,230
16-Jan-23	17,149	11,244	7,712	48,061
17-Jan-23	26,100	13,430	8,241	48,504
18-Jan-23	30,095	12,135	8,300	44,846
19-Jan-23	17,539	13,554	9,263	46,548
20-Jan-23	13,541	14,087	7,894	45,218
21-Jan-23	25,717	17,768	13,011	39,132
22-Jan-23	23,703	17,935	10,907	39,933
23-Jan-23	22,957	17,439	11,136	41,908
24-Jan-23	49,787	16,467	11,853	49,726
25-Jan-23	38,232	17,002	12,448	49,013
26-Jan-23	29,876	16,045	11,986	42,834
27-Jan-23	32,980	16,794	10,821	42,691
28-Jan-23	42,578	21,596	11,038	46,038
29-Jan-23	40,184	15,526	11,076	45,184
30-Jan-23	31,318	15,934	12,920	45,309
31-Jan-23	22,010	15,936	10,623	43,186

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)	32,195	24,831	10,399	45,589

[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
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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 January.

Yallourn Power Station - Licenced Discharge to Air Points

