



***EnergyAustralia***

*LIGHT THE WAY*

**EnergyAustralia Yallourn Pty Ltd**

**Monthly Air Emissions Compliance Report**

**April 2024**

### Monthly Discharge to Air Compliance Executive Summary

Indicator	Carbon Monoxide	Oxides of Nitrogen (as NO <sub>2</sub> )	Particles (Total)	Sulphur Dioxide
Maximum Licence Limit (g/min)	139,000	51,600	24,100	104,000
Monthly Maximum Reported (g/min)	58,728	25,494	16,302	91,120
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
Month End 90th Percentile (g/min)	18,761	20,811	11,978	44,628
Discharge to Air Licence Limit Compliance	100%	100%	100%	100%
Monitoring System Availability (%)	100%	100%	100%	100%

EPA Operating Licence Site Details	
Licence Holder	EnergyAustralia Yallourn PTY LTD
Licence Number	OL000010961
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	April 2024
Licence Discharge Points	<b>A1:</b> Latitude -38.1769981; Longitude 146.345441
	<b>A2a:</b> Latitude -38.1769981; Longitude 146.3454416
	<b>A2b:</b> Latitude -38.1772303; Longitude 146.3447922
Websites	<a href="#">Permission Information and Performance Statements</a>
	<a href="#">Types of Operating Licences</a>
	<a href="#">EPA AirWatch</a>
	<a href="#">Latrobe Valley Air Monitoring Network Inc.</a>

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 <sub>2</sub> )	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 <sub>2</sub> ) Daily Maximum (g/min)	Particles (Total) [5] Daily Maximum (g/min)	Sulfur Dioxide Daily Maximum (g/min)
<b>Maximum Limits</b>	<b>139,000</b>	<b>51,600</b>	<b>24,100</b>	<b>104,000</b>
01-Apr-24	40,497	17,944	12,479	44,968
02-Apr-24	31,348	18,249	12,606	35,962
03-Apr-24	27,737	17,087	16,302	31,106
04-Apr-24	29,478	18,400	14,033	27,647
05-Apr-24	44,764	23,897	12,755	33,332
06-Apr-24	58,728	22,734	13,862	32,790
07-Apr-24	38,026	23,202	14,962	42,525
08-Apr-24	29,133	24,571	14,918	86,410
09-Apr-24	19,443	23,574	14,677	50,105
10-Apr-24	18,251	25,302	11,742	65,143
11-Apr-24	10,664	24,829	11,011	91,120
12-Apr-24	17,108	24,255	12,635	84,836
13-Apr-24	12,942	19,023	13,177	50,332
14-Apr-24	9,132	19,792	9,129	37,387
15-Apr-24	13,784	19,764	9,389	48,521
16-Apr-24	21,897	19,520	13,980	43,100
17-Apr-24	17,656	25,494	15,765	38,043
18-Apr-24	12,002	20,080	9,893	28,117
19-Apr-24	29,285	18,982	9,303	23,223
20-Apr-24	35,213	19,240	9,744	20,829
21-Apr-24	13,514	19,613	9,662	27,052
22-Apr-24	11,964	21,105	11,234	49,024
23-Apr-24	16,738	21,966	10,388	46,418
24-Apr-24	13,178	20,361	12,841	29,486
25-Apr-24	28,615	20,579	15,665	32,724
26-Apr-24	13,611	21,675	13,166	18,258
27-Apr-24	12,867	20,134	7,067	13,465
28-Apr-24	9,437	22,238	7,906	15,409
29-Apr-24	9,140	21,996	9,363	16,467
30-Apr-24	15,612	16,892	6,168	8,837

Air Emissions 90th Percentile Performance [2]				
	Carbon Monoxide (g/min)	Oxides of Nitrogen (as NO <sub>2</sub> ) (g/min)	Particles (Total) [5] (g/min)	Sulfur Dioxide (g/min)
90th Percentile Licence Limits	<b>85,600</b>	<b>49,100</b>	<b>14,500</b>	<b>73,100</b>
90th Percentile (Month End)	18,761	20,811	11,978	44,628

[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 April.

**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 April.

**Yallourn Power Station - Licenced Discharge to Air Points**

