



***EnergyAustralia***<sup>®</sup>

**EnergyAustralia Yallourn Pty Ltd**

**Monthly Air Emissions Compliance Report**

**April 2023**

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)	56,501	16,440	18,198	90,964
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	31,152	22,527	11,226	46,716
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	April 2023
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="#">Annual Performance Statement</a>
	<a href="#">Current EPA Licence</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 <sup>[1]</sup>	90th Percentile Limit <sup>[2]</sup>	Maximum Limit	Frequency <sup>[3]</sup>
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-23	16,468	9,622	12,874	90,964
02-Apr-23	18,500	15,581	17,337	89,388
03-Apr-23	22,321	13,796	17,123	64,442
04-Apr-23	22,812	12,384	18,198	78,534
05-Apr-23	20,582	14,235	17,223	54,776
06-Apr-23	33,266	14,184	16,235	76,612
07-Apr-23	22,631	12,941	9,129	49,906
08-Apr-23	16,960	12,777	9,044	41,761
09-Apr-23	12,222	14,012	9,066	47,601
10-Apr-23	11,085	13,584	9,578	43,466
11-Apr-23	13,720	14,436	10,375	46,246
12-Apr-23	11,998	9,383	6,571	24,103
13-Apr-23	11,329	9,072	6,076	21,312
14-Apr-23	14,809	9,805	5,891	23,219
15-Apr-23	13,781	9,918	6,289	22,493
16-Apr-23	10,501	9,946	6,151	25,333
17-Apr-23	10,653	9,362	5,970	30,832
18-Apr-23	5,574	9,470	6,473	36,126
19-Apr-23	13,634	10,497	8,943	30,059
20-Apr-23	9,467	10,901	9,841	51,617
21-Apr-23	7,794	10,340	8,401	56,986
22-Apr-23	12,053	12,727	9,079	73,048
23-Apr-23	11,456	12,855	9,483	47,892
24-Apr-23	11,407	14,116	9,089	48,445
25-Apr-23	34,780	15,284	14,291	57,732
26-Apr-23	13,577	16,121	15,855	60,907
27-Apr-23	56,501	14,827	14,302	54,663
28-Apr-23	23,584	16,440	12,846	57,771
29-Apr-23	17,244	16,225	15,337	49,323
30-Apr-23	20,403	15,572	16,002	46,908

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)	31,152	22,527	11,226	46,716

[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 exceedance were measured 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

