



**EnergyAustralia**

**EnergyAustralia Yallourn Pty Ltd**

**Monthly Air Emissions Compliance Report**

**July 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)	40,895	25,604	14,897	41,353
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	31,231	23,437	12,394	48,131
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	July 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) <sup>[5]</sup> 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-Jul-23	23,398	17,520	8,272	38,862
02-Jul-23	23,824	20,341	13,287	29,730
03-Jul-23	22,709	25,604	12,884	39,144
04-Jul-23	37,787	23,873	13,400	41,353
05-Jul-23	31,042	23,026	12,852	39,670
06-Jul-23	24,858	22,834	14,897	33,752
07-Jul-23	15,179	17,907	10,012	26,850
08-Jul-23	20,064	15,566	8,415	21,373
09-Jul-23	13,052	16,280	11,221	22,091
10-Jul-23	18,648	16,194	9,812	28,272
11-Jul-23	13,872	14,934	10,315	31,404
12-Jul-23	7,744	15,385	8,433	26,958
13-Jul-23	7,945	15,290	8,990	27,848
14-Jul-23	12,558	15,444	9,131	22,778
15-Jul-23	17,395	15,108	9,613	23,063
16-Jul-23	11,377	15,772	10,463	21,354
17-Jul-23	40,895	21,142	14,351	30,171
18-Jul-23	38,127	22,895	14,173	31,718
19-Jul-23	17,177	15,772	8,983	21,425
20-Jul-23	13,384	15,445	9,877	21,815
21-Jul-23	7,884	14,803	9,756	21,528
22-Jul-23	7,553	15,031	9,809	20,003
23-Jul-23	6,666	14,268	8,952	19,319
24-Jul-23	8,193	13,754	8,782	18,881
25-Jul-23	8,705	13,144	8,388	19,061
26-Jul-23	6,832	16,893	8,682	21,731
27-Jul-23	9,394	17,879	8,626	23,130
28-Jul-23	18,088	16,935	8,892	34,792
29-Jul-23	21,563	17,334	9,573	33,336
30-Jul-23	20,559	16,876	9,253	23,420
31-Jul-23	29,463	16,728	9,405	23,403

Air Emissions 90th Percentile Performance [2]				
	Carbon Monoxide (g/min)	Oxides of Nitrogen (as NO <sub>2</sub> ) (g/min)	Particles (Total) <sup>[5]</sup> (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)	31,231	23,437	12,394	48,131

[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 July.

### 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 July.

# Yallourn Power Station - Licenced Discharge to Air Points

