



***EnergyAustralia***<sup>®</sup>

**EnergyAustralia Yallourn Pty Ltd**

**Monthly Air Emissions Compliance Report**

**August 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)	45,772	23,823	14,917	43,857
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	29,719	22,144	12,490	46,867
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	August 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-Aug-23	13,547	12,455	6,610	11,093
02-Aug-23	25,196	16,417	10,859	16,238
03-Aug-23	9,913	17,688	6,624	18,545
04-Aug-23	37,699	17,593	9,052	29,932
05-Aug-23	31,792	18,569	8,841	27,142
06-Aug-23	20,318	18,688	8,950	24,466
07-Aug-23	18,987	19,095	8,819	36,257
08-Aug-23	11,521	18,216	8,797	41,211
09-Aug-23	21,599	19,258	8,462	32,991
10-Aug-23	19,195	17,906	9,222	23,540
11-Aug-23	20,006	18,786	8,986	32,496
12-Aug-23	23,214	19,312	8,564	29,083
13-Aug-23	22,585	21,453	12,414	27,652
14-Aug-23	45,772	22,843	14,917	36,562
15-Aug-23	23,204	23,116	13,606	39,855
16-Aug-23	15,916	23,595	13,620	36,065
17-Aug-23	32,736	23,823	13,387	35,372
18-Aug-23	13,883	22,687	12,574	40,230
19-Aug-23	24,471	22,529	13,657	37,035
20-Aug-23	18,474	22,469	13,355	35,208
21-Aug-23	16,668	21,947	12,586	43,857
22-Aug-23	30,489	21,284	14,272	39,137
23-Aug-23	12,379	17,843	14,444	25,000
24-Aug-23	15,530	21,181	9,174	24,765
25-Aug-23	12,143	12,176	7,308	36,545
26-Aug-23	7,840	11,625	7,268	30,845
27-Aug-23	7,223	11,678	10,105	25,627
28-Aug-23	11,334	11,731	10,101	19,971
29-Aug-23	10,834	11,727	7,410	21,039
30-Aug-23	10,116	11,577	6,973	33,133
31-Aug-23	9,322	11,976	7,491	40,361

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)	29,719	22,144	12,490	46,867

[5] In accordance with licence condition OL\_DA1.10.3 & and OL\_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 August.

### 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 August.

# Yallourn Power Station - Licenced Discharge to Air Points

