



***EnergyAustralia***<sup>®</sup>

**EnergyAustralia Yallourn Pty Ltd**

**Monthly Air Emissions Compliance Report**

**August, 2022**

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)	38,016	24,895	16,889	53,763
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	31,117	25,375	9,433	46,165
Discharge to Air Licence Limit Compliance	100%	100%	100%	100%
Monitoring System Availability (%)	100%	100%	99.97% A2b (100% A1 & A2a)	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	
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 <sup>[4]</sup>
		Oxides of Nitrogen (as NO <sub>2</sub> )	g/min	49,100	51,600	Continuous <sup>[4]</sup>
		Particles (Total)	g/min	14,500	24,100	Continuous
		Sulfur Dioxide	g/min	73,100	104,000	Continuous <sup>[4]</sup>

[1] g/min =grams per minute 30 minute average

[2] 90th percentile limits are based on a 12-month rolling average

[3] Monitoring Frequency

[4] Continuous monitoring using a CEMs system for discharge points A2a and A2b and an EPA approved predictive model method for discharge point A1.

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-22	30,187	22,773	9,304	41,873
02-Aug-22	27,703	22,698	10,986	41,606
03-Aug-22	29,790	24,895	10,650	42,576
04-Aug-22	37,873	24,758	13,081	45,100
05-Aug-22	32,925	19,158	7,436	34,681
06-Aug-22	31,634	19,407	7,634	33,810
07-Aug-22	32,483	19,587	7,537	33,645
08-Aug-22	29,845	20,014	10,350	34,398
09-Aug-22	26,921	21,411	13,938	53,763
10-Aug-22	22,918	23,397	16,889	49,359
11-Aug-22	22,580	20,557	13,038	51,052
12-Aug-22	15,603	19,254	12,808	47,131
13-Aug-22	19,760	20,123	10,548	40,820
14-Aug-22	22,061	19,795	9,557	39,250
15-Aug-22	20,075	18,393	8,548	44,567
16-Aug-22	27,010	18,677	8,211	44,274
17-Aug-22	23,534	19,151	8,660	43,848
18-Aug-22	29,231	19,272	6,944	42,265
19-Aug-22	32,525	19,291	10,095	42,619
20-Aug-22	19,188	13,494	5,229	29,877
21-Aug-22	18,626	12,702	4,806	30,038
22-Aug-22	16,302	13,051	5,075	28,806
23-Aug-22	19,377	14,159	8,018	29,110
24-Aug-22	38,016	20,175	9,155	39,496
25-Aug-22	27,705	21,032	9,877	39,537
26-Aug-22	30,162	20,493	9,332	40,127
27-Aug-22	29,594	20,263	9,666	38,830
28-Aug-22	30,726	19,969	10,082	37,984
29-Aug-22	21,981	19,736	9,981	38,109
30-Aug-22	30,860	20,814	11,145	39,994
31-Aug-22	33,629	19,826	12,266	40,723

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	85,600	49,100	14,500	73,100

90th Percentile (Month End)	31,117	25,375	9,433	46,165
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[5] In accordance with licence condition LI\_DA1.10.3 & 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

**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
28/08/2022 05:30:00 PM - 28/08/2022 06:00:00 PM	0.03%	Particles	A2b	An opacity monitor measuring the concentration of particles within one of two parallel flues (comprising discharge point A2b) faulted during an autocalibration sequence. This caused the unit to output erroneous data. The fault was quickly identified and resolved. The average dust concentration reported by the monitor for the half-hour prior to the fault was applied over this period as operating conditions were stable during the event. The opacity monitor corresponding to the other parallel flue (on A2b) remained available.

Yallourn Power Station - Licenced Discharge to Air Points

