



***EnergyAustralia***<sup>®</sup>

**EnergyAustralia Yallourn Pty Ltd**

**Monthly Air Emissions Compliance Report**

**[March, 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)	42,710	28,436	16,568	64,416
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	33,907	28,630	9,592	52,785
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	March, 2022
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**

<b>Discharge Point</b>	<b>Description of Discharge Point</b>	<b>Indicator</b>	<b>Units[1]</b>	<b>90th Percentile Limit[2]</b>	<b>Maximum Limit</b>	<b>Frequency[3]</b>
A1, A2a, A2b	Bubble Limit for A1, A2a, A2b	Carbon Monoxide	g/min	85,600	139,000	Continuous[4]
		Oxides of Nitrogen (as NO <sub>2</sub> )	g/min	49,100	51,600	Continuous[4]
		Particles (Total)	g/min	14,500	24,100	Continuous
		Sulfur Dioxide	g/min	73,100	104,000	Continuous[4]

[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-Mar-22	32796	25664	7497	41456
02-Mar-22	31513	25343	7790	42712
03-Mar-22	34944	25725	8308	44801
04-Mar-22	42710	25434	10539	45301
05-Mar-22	29348	22437	16568	40329
06-Mar-22	25995	19408	9561	39870
07-Mar-22	29557	19119	10828	42085
08-Mar-22	17109	12248	6097	22374
09-Mar-22	13410	12408	5869	20121
10-Mar-22	13179	12451	6586	28883
11-Mar-22	9168	16584	10295	33854
12-Mar-22	15373	16755	12666	41163
13-Mar-22	22112	23690	13512	45189
14-Mar-22	28129	25708	11875	44779
15-Mar-22	27872	24741	11854	47888
16-Mar-22	27850	23194	11351	46928
17-Mar-22	40822	26784	12197	47287
18-Mar-22	31765	26995	12731	48824
19-Mar-22	32175	26831	10593	44932
20-Mar-22	39019	27841	11224	47044
21-Mar-22	38150	28436	14640	48770
22-Mar-22	31907	28148	15122	46143
23-Mar-22	33730	26150	10467	43505
24-Mar-22	40477	26577	9265	48913
25-Mar-22	39911	25780	8807	58977
26-Mar-22	38860	25872	8584	64416
27-Mar-22	41770	25311	8690	62460
28-Mar-22	35454	25357	8713	62887
29-Mar-22	39495	26367	10174	59347
30-Mar-22	40471	26426	10312	57972
31-Mar-22	29602	14500	4715	27292

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	<b>85,600</b>	<b>49,100</b>	<b>14,500</b>	<b>73,100</b>
90th Percentile (Month End)	33,907	28,630	9,592	52,785

[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 March

### Monitoring Systems Availability

This table provides a summary of missing data periods requiring substitutions used for determination of daily compliance

Date/Time	Loss of Availability (% of month)	Indicator	Location (A1, A2a, A2b)	Explanation
N/A	N/A			No loss of availability for the month of March

# Yallourn Power Station - Licenced Discharge to Air Points

