



EnergyAustralia

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

[June, 2021]

Monthly Discharge to Air Compliance Executive Summary

Indicator	Carbon Monoxide	Oxides of Nitrogen (as NO ₂)	Particles (Total)	Sulphur Dioxide
Maximum Licence Limit (g/min)	139,000	51,600	24,100	104,000
Monthly Maximum Reported (g/min)	49,557	34,102	15,562	61,890
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	45,200	33,077	9,639	60,164
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	June 2021
Licence Discharge Points	A1: Latitude -38.1769981; Longitude 146.345441
	A2a: Latitude -38.1769981; Longitude 146.3454416
	A2b: Latitude -38.1772303; Longitude 146.3447922

Discharge to Air Licence Limits

Discharge Point	Description of Discharge Point	Indicator	Units[1]	90th Percentile Limit[2]	Maximum Limit	Frequency[3]
A1, A2a, A2b	Bubble Limit for A1, A2a, A2b	Carbon Monoxide	g/min	85,600	139,000	Continuous[4]
		Oxides of Nitrogen (as NO ₂)	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 an EPA approved predictive model method.

Monthly Air Emissions Daily Performance				
Indicator	Carbon Monoxide Daily Maximum (g/min)	Oxides of Nitrogen (as NO ₂) Daily Maximum (g/min)	Particles (Total)[5] Daily Maximum (g/min)	Sulfur Dioxide Daily Maximum (g/min)
Maximum Limits	139,000	51,600	24,100	104,000
01-Jun-21	41,906	32,613	15,562	59,190
02-Jun-21	40,961	33,033	10,934	59,951
03-Jun-21	39,530	33,196	9,748	60,247
04-Jun-21	37,231	32,904	11,023	59,717
05-Jun-21	30,173	24,301	11,351	44,104
06-Jun-21	37,734	32,814	12,953	59,553
07-Jun-21	38,766	32,148	10,360	58,344
08-Jun-21	37,159	32,283	11,838	58,590
09-Jun-21	30,121	25,100	8,418	45,553
10-Jun-21	49,557	34,102	12,080	61,890
11-Jun-21	48,755	33,952	9,271	61,618
12-Jun-21	21,204	17,561	10,536	31,871
13-Jun-21	32,756	9,474	4,600	17,194
14-Jun-21	19,810	9,427	4,832	17,109
15-Jun-21	19,718	14,716	6,079	26,707
16-Jun-21	8,860	10,509	2,657	19,072
17-Jun-21	4,533	5,842	1,147	10,602
18-Jun-21	4,526	5,741	1,147	10,419
19-Jun-21	7,225	6,180	1,445	11,215
20-Jun-21	13,908	7,615	2,050	13,821
21-Jun-21	11,349	7,317	1,541	13,280
22-Jun-21	9,615	7,311	1,847	13,269
23-Jun-21	7,972	6,478	1,359	11,756
24-Jun-21	15,519	7,741	4,083	14,048
25-Jun-21	28,261	17,607	6,885	31,955
26-Jun-21	28,764	17,826	8,420	32,352
27-Jun-21	28,646	24,911	14,429	45,211
28-Jun-21	20,106	21,430	8,497	38,893
29-Jun-21	24,650	22,179	8,393	40,253
30-Jun-21	27,484	22,195	9,287	40,282

Air Emissions Annual 90th Percentile Performance [2]				
	Carbon Monoxide (g/min)	Oxides of Nitrogen (as NO ₂) (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)	45,200	33,077	9,639	60,164

[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 have 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 June

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	N/A

Yallourn Power Station - Licenced Discharge to Air Points

