



EnergyAustralia[®]

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

[April, 2022]

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)	52,261	27,462	13,553	47,816
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	32,890	28,241	9,557	52,092
Discharge to Air Licence Limit Compliance	100%	100%	100%	100%
Monitoring System Availability (%)	100%	100%	99.95%	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	A1: Latitude -38.1769981; Longitude 146.345441
	A2a: Latitude -38.1769981; Longitude 146.3454416
	A2b: Latitude -38.1772303; Longitude 146.3447922
Websites	Annual Performance Statement
	Current EPA Licence
	EPA AirWatch
	Latrobe Valley Air Monitoring Network Inc.

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 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 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-Apr-22	33,160	14,491	5,579	27,292
02-Apr-22	48,059	16,304	5,434	35,337
03-Apr-22	31,624	20,660	8,602	36,381
04-Apr-22	32,126	19,317	7,406	34,088
05-Apr-22	37,060	20,061	11,187	35,260
06-Apr-22	52,261	22,848	12,431	37,271
07-Apr-22	31,551	23,550	7,728	36,595
08-Apr-22	32,869	23,190	7,661	43,652
09-Apr-22	31,441	27,462	9,318	46,933
10-Apr-22	40,014	27,355	13,091	47,816
11-Apr-22	24,710	20,706	7,393	35,907
12-Apr-22	23,210	21,022	8,284	36,177
13-Apr-22	27,863	20,908	6,736	36,098
14-Apr-22	25,264	14,100	4,135	25,204
15-Apr-22	21,299	14,283	4,078	25,092
16-Apr-22	18,627	14,565	3,826	25,532
17-Apr-22	17,467	14,645	6,707	25,434
18-Apr-22	29,366	20,232	10,176	36,317
19-Apr-22	33,487	20,718	12,312	36,352
20-Apr-22	32,706	17,359	13,553	31,932
21-Apr-22	31,482	15,969	10,776	30,263
22-Apr-22	38,418	15,679	11,863	29,767
23-Apr-22	28,939	20,588	10,709	34,159
24-Apr-22	27,010	20,591	10,495	27,920
25-Apr-22	14,923	15,189	4,683	25,362
26-Apr-22	16,497	15,295	4,560	25,458
27-Apr-22	16,272	15,317	4,692	23,886
28-Apr-22	17,989	15,412	3,424	26,726
29-Apr-22	21,653	21,812	8,944	36,445
30-Apr-22	17,908	20,366	5,753	37,673

Air Emissions 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)	32,890	28,241	9,557	52,092

[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 April

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
19/04/2022 23:30:00 PM	0.05	PM	A2a	Data collection fault resulted in a data loss of 20 minutes associated with W3 mass rate. Data from historian was unable to be recovered and available average for the half hour period was used.

Yallourn Power Station - Licenced Discharge to Air Points

