



EnergyAustralia[®]

EnergyAustralia Yallourn Pty Ltd

Monthly Air Emissions Compliance Report

[May, 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)	41,406	28,556	18160	51,693
90th Percentile Licence Limit (g/min)	85,600	49,100	14,500	73,100
YTD Month End 90th Percentile (g/min)	31,386	27,720	9,505	50,955
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	May-22
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 NO₂) 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-May-22	20006	20269	6111	34158
02-May-22	19113	20214	6949	34753
03-May-22	17721	20698	11112	32997
04-May-22	14883	21687	13081	34033
05-May-22	24609	20551	6792	32756
06-May-22	27609	20739	6327	32325
07-May-22	24477	19947	7193	30282
08-May-22	19840	20254	7018	30380
09-May-22	24851	19988	7656	40122
10-May-22	30031	20340	6749	39979
11-May-22	21106	20581	6647	42203
12-May-22	26236	21032	7947	43482
13-May-22	28854	21008	7964	43452
14-May-22	17879	20620	9033	39944
15-May-22	29883	19319	6526	36354
16-May-22	35413	18295	8305	34510
17-May-22	34544	19719	7776	34440
18-May-22	32053	20038	9074	33274
19-May-22	31574	20593	8480	33393
20-May-22	20216	21307	9620	32512
21-May-22	27329	21399	8845	38129
22-May-22	33435	21668	8685	39758
23-May-22	24367	20653	9273	45045
24-May-22	27668	20824	9581	44052
25-May-22	19243	21344	14256	43502
26-May-22	33260	27039	10339	51693
27-May-22	33742	27160	11352	50116
28-May-22	41406	27890	11948	48640
29-May-22	35183	28186	11469	47326
30-May-22	36186	28556	14479	50303
31-May-22	33747	27857	18160	49177

[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.

Air Emissions 90th Percentile Performance [2]

	Carbon Monoxide (g/min)	Oxides of Nitrogen (as NO₂) (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)	31,386	27,720	9,505	50,955

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 May.

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 reported for the month of May

Yallourn Power Station - Licenced Discharge to Air Points

