

Ian Gildenhuys
Air Quality Management
246 Voortrekker Road
Vasco
7460

Date:
2 July 2024

Enquiries: Hilton Westman
(021) 9415856

Ref: ACP/2024/06

Dear Mr Gildenhuys

ACACIA POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF JUNE 2024

This serves as the monthly report required in terms of Section 5.4.1 and Sections 8.1.1 of Acacia Power Station's Atmospheric Emission License **WCCT023**. The information is applicable for the month of June 2024.

1. Raw Materials and Products (Licence 5.4.1)

Quantity of Raw Materials and Products used/produced for the month

Element	Performance	Reporting Unit
Fuel type: Diesel		
Total Fuel Consumption	93.910	Tons
Electricity Produced	306	MWh
Average Fuel Consumption	0.307	Tons / MWh
Maximum fuel consumption rate	26 709	Kg per hour

2. Operating times of units (Licence 5.4.1)

a. Total Hours

	Hours operated	Total Fuel Consumption	Energy Production
	Hours and minutes	Litres	MWh
Unit One	3hrs 31min	113 762	152
Unit Two	3hrs 21min		154
Unit Three	0hrs 8min		0

b. Detailed operating times

See Annexure1.

3. Complaints Register (Licence reference 8.1.1)

No complaints were recorded for June 2024.

4. General

Acacia was requested to generate for the grid to supplement power availability and prevent national load shedding.

Maintenance Test runs were performed on Units 1 and 2, and a local KAS test run on Unit 3.

The monthly Ambient Air Quality Report compiled by Argos Scientific for air quality monitoring at the Acacia AQM station, will be sent to your office as soon as it is received.

We trust that the above information complies with your requirements.

Yours sincerely



Pamela Mrubata
Plant Manager

ACACIA POWER STATION

Annexure 1. Acacia Hours of operation

	Unit One			Unit two			Unit 3		
Date	Start	Finish	Total Hours	Start	Finish	Total Hours	Start	Finish	Total Hours
1									
2									
3									
4									
5	16:38:00	16:58:00	00:20:00						
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18	17:00:00	19:57:00	02:57:00	17:00:00	19:57:00	02:57:00			
19									
20									
21									
22	17:47:00	18:01:00	00:14:00	17:48:00	17:57:00	00:08:00	17:48:00	17:57:00	00:08:00
23									
24									
25									
25									
26									
27									
28				14:49:00	15:05:00	0:16:00			
29									
30									

Load Factor
0.48%