

Ian Gildenhuys
Air Quality Management
246 Voortrekker Road
Vasco
7460

Date:
3 February 2020

Enquiries: Hilton Westman
(021) 9415856

Ref: ACP/2020/01

Dear Mr Gildenhuys

ACACIA POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF JANUARY 2020

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 January 2020.

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 : Kerosene		
Total Fuel Consumption	11.014	Tons
Electricity Produced	2	MWh
Average Fuel Consumption	5.507	Tons / MWh
Maximum fuel consumption rate	4 034	Kg per hour

2. Operating times of units (Licence 5.4.1)

a. Total Hours

	Hours operated	Total Fuel Consumption	Energy Production
	Hours	Litres	MWh
Unit One	0.89	12 847	1
Unit Two	0.84		1
Unit Three	0.81		0

b. Detailed operating times

See Annexure1.

3. Complaints Register (Licence reference 8.1.1)

No complaints were registered for the month of January 2020.

4. General

All units were started for KAS Testing on the 11th January 2020. Further test running of all 3 units was required following an Acacia Transmission (Tx) Outage.

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

Date	Unit One			Unit two			Unit 3		
	Start	Finish	Total Hours	Start	Finish	Total Hours	Start	Finish	Total Hours
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11	11:16:00	11:34:00	00:18:00	11:14:00	11:35:00	00:21:00	11:15:00	11:34:00	00:19:00
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	19:47:00	20:25:00	00:38:00	19:47:00	20:21:00	00:34:00	19:47:00	20:21:00	00:34:00
29									
30									
31									

Load Factor – January 2020
0.13 % per Unit