

Ian Gildenhuys
Air Quality Management
246 Voortrekker Road
Vasco
7460

Date:
3 August 2020

Enquiries: Hilton Westman
(021) 9415856

Ref: ACP/2020/07

Dear Mr Gildenhuys

ACACIA POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF JULY 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 July 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 | 216.040 | Tons |
| Electricity Produced | 690 | MWh |
| Average Fuel Consumption | 0.313 | Tons / MWh |
| Maximum fuel consumption rate | 14 412 | 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 | 5.02 | 252 000 | 234 |
| Unit Two | 5.05 | | 222 |
| Unit Three | 4.92 | | 234 |

b. Detailed operating times

See Annexure1.

3. Complaints Register (Licence reference 8.1.1)

No complaints were registered for the month of July 2020.

4. General

KAS (Koeberg Auto Start) testing was performed on Units 1, 2 and 3.
Planned Outage and testing of units.

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

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 | 17:47:00 | 19:48:00 | 02:01:00 | 17:47:00 | 19:48:00 | 02:01:00 | 17:47:00 | 19:48:00 | 02:01:00 |
| 9 | 17:56:00 | 18:24:00 | 00:28:00 | 17:56:00 | 18:24:00 | 00:28:00 | 17:56:00 | 18:20:00 | 00:24:00 |
| 10 | 17:28:00 | 19:34:00 | 02:06:00 | 17:28:00 | 19:34:00 | 02:06:00 | 17:28:00 | 19:34:00 | 02:06:00 |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| 21 | | | | | | | | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | 12:37:00 | 13:03:00 | 00:24:00 | 12:37:00 | 13:04:00 | 00:27:00 | 12:38:00 | 13:03:00 | 00:25:00 |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |

Load Factor – July 2020

0.62 %