

Lukhanyo Mgadle  
 Chief Air Quality Officer Buffalo City Metropolitan Municipality  
 2 Beaconsfield Road North End  
 East London  
 5201

Date:  
 4 April 2023

Enquiries: Hilton Westman  
 (021) 9415856

Ref: PRX/2023/03

Dear Mr Mgadle

## ESKOM PORT REX POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF MARCH 2023

**Atmospheric Emissions License: ECBC\_000603**

This serves as the monthly report and the information is applicable for the month of March 2023.

### 1. Raw Materials and Products (Licence 6.1)

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

| Element                       | Performance | Reporting Unit |
|-------------------------------|-------------|----------------|
| <b>Fuel type: Diesel</b>      |             |                |
| Total Fuel Consumption        | 220.077     | Tons           |
| Electricity Produced          | 722         | MWh            |
| Average Fuel Consumption      | 0.304       | Tons / MWh     |
| Maximum fuel consumption rate | 36 679      | Kg / per hour  |

### 2. Operating times of units (Licence 5.4)

#### a. Total Hours

|            | Hours operated    | Total Fuel Consumption | Energy Production |
|------------|-------------------|------------------------|-------------------|
|            | Hours and minutes | Litres                 | MWh               |
| Unit One   | 6hrs 00           | 256 709                | 243               |
| Unit Two   | 6hrs 00           |                        | 242               |
| Unit Three | 6hrs 00           |                        | 237               |

#### Peaking

Port Rex Power Station  
 9 Wells Road Woodbrook East London  
 PO Box 1281 East London 5201  
 Tel +27 043 703 5771

## **b. Detailed operating times**

See Annexure 1

### **3. Complaints Register (Licence 7.6)**

No complaints were registered for the month of March 2023.

### **4. General**

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

We trust that the above information complies with your requirements.

Yours sincerely



*Pamela Mrubata*  
*Plant Manager*

**PORT REX POWER STATION**

Annexure1. 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   |          |          |             |          |          |             |          |          |             |
| 12   |          |          |             |          |          |             |          |          |             |
| 13   |          |          |             |          |          |             |          |          |             |
| 14   |          |          |             |          |          |             |          |          |             |
| 15   |          |          |             |          |          |             |          |          |             |
| 16   |          |          |             |          |          |             |          |          |             |
| 17   |          |          |             |          |          |             |          |          |             |
| 18   |          |          |             |          |          |             |          |          |             |
| 19   |          |          |             |          |          |             |          |          |             |
| 20   |          |          |             |          |          |             |          |          |             |
| 21   |          |          |             |          |          |             |          |          |             |
| 22   |          |          |             |          |          |             |          |          |             |
| 23   |          |          |             |          |          |             |          |          |             |
| 24   |          |          |             |          |          |             |          |          |             |
| 25   |          |          |             |          |          |             |          |          |             |
| 26   |          |          |             |          |          |             |          |          |             |
| 27   |          |          |             |          |          |             |          |          |             |
| 28   |          |          |             |          |          |             |          |          |             |
| 29   | 17:00:00 | 20:00:00 | 03:00:00    | 17:00:00 | 20:00:00 | 03:00:00    | 17:00:00 | 20:00:00 | 03:00:00    |
| 30   |          |          |             |          |          |             |          |          |             |
| 31   | 18:00:00 | 21:00:00 | 03:00:00    | 18:00:00 | 21:00:00 | 03:00:00    | 18:00:00 | 21:00:00 | 03:00:00    |

Load Factor  
0.81%