

Centre for Environmental Rights
2nd Floor, Springtime Studios, Unit 116, Block 7
1 Scott Road
Observatory
Cape Town
7925
Att: Michelle Sithole

Date: 7 April 2022

Enquiries:
Tel: 083 746 3529

Reference number: PAIA 223, – CER/NL/MS

Dear Ms Sithole

THE PROPOSED MOKOLO CROCODILE WATER AUGMENTATION PROJECT PHASE 2A – REQUEST FOR INFORMATION ON MEDUPI AND MATIMBA COAL PLANT AND RELATED INFRASTRUCTURE WATER REQUIREMENTS

Eskom is pleased to provide the following responses to your PAIA application dated 15 December 2021, regarding the abovementioned matter that may not have been fully addressed in our timeous response of 7 February 2022. We apologise for any possible oversight.

Eskom is still sourcing some of the records but, in the interest of time, hereby provides what is currently available. The remainder are either being considered or sourced and we will provide feedback on these as soon as possible.

1.1. Copies of all technical studies on SO2 abating technologies proposed for Medupi power station.

Please see Appendices A, B, C, attached.

1.2. Copies of any responses to Requests for Proposals prepared and published to obtain proposals for various SO2 abating technology, including the requests for proposals.

Will be addressed in future correspondence.

1.3. Records indicating the number of units of Medupi that are currently online and the projected end of life date for Medupi.

Please refer to our response of 7 February. In addition, the planning life for the Medupi units is 50 years. This means that the first unit (unit 6) is expected to shut down in 2066 and the last unit (unit 1) in 2071.

1.4. Records of the current and projected water requirements for Eskom's Medupi and Matimba power stations and associated infrastructure for the duration of the anticipated lifespan of each facility.

Please refer to our response of 7 February.

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1.5. Records relating to all water supply arrangements with the Department of Water and Sanitation (DWS) and/or other suppliers for both Medupi and Matimba power station.

Please refer to our response of 7 February.

1.6. Records of any agreements and technical studies recording the planned and intended water supply from the Mokolo Crocodile Water Augmentation Project Phase 2A ("MCWAP2") to Eskom's Matimba and Medupi power stations.

Please refer to our response of 7 February.

1.7. Records of any current and projected costs, and price, paid or to be paid by Eskom for the MCWAP-2 project and water supply to Eskom.

Please refer to our response of 7 February.

1.8. Any records such as board meeting minutes, plans and strategy reports and Medupi Flue gas desulfurization retrofitting.

Will be addressed in future correspondence.

1.9. Any updated Environmental Impact Assessment Report for the Medupi FGD Retrofit Project.

There are no new EIA studies for FGD. The available study submitted in 2014 can be accessed at the following link:

<https://www.eskom.co.za/OurCompany/SustainableDevelopment/EnvironmentallImpactAssessments/medupi/Pages/default.aspx>

1.10. Any studies conducted in the Lephalale area into the impacts of sulphur deposition on vegetation and/or soil.

The impact of sulphur deposition on vegetation was modelled in the atmospheric impact report (AIR) completed by Airshed planning professions for the Eskom 2020 Minimum Emission Standards application (see section of the report 5.5.2.1 (page 263)). Eskom has not been able to source any sulphur deposition studies in the area in the last ten years. We are continuing to investigate if there are previous studies and will share these if found.

Eskom trusts that it has addressed the requested questions adequately.

For any queries, please contact the Eskom PAIA office at: PAIA@eskom.co.za

Yours sincerely



Brad ROSS-JONES
Deputy Information Officer: GENERATION
Date: 7 April 2022