

From: [Caesar Mpanza](#)
To: [Kruger, Nico](#)
Cc: [Ferdinand Heymann](#); [Mbulelo Yedwa](#); [Tenielle Martin](#); [Ntyatyi Mcapukisi](#)
Subject: RE: Eskom - BsB expansion
Date: Thursday, 14 May 2020 15:08:34
Attachments: [image001.jpg](#)
[image002.jpg](#)
[RE Eskom - BsB capacity.msg](#)

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Hi Nico,

As per email attached, a status quo is still unchanged and please see my response below:

- NMD increase application and approval process (timing and cost)? **With the existing 2x40MVA trfrs installed – there is sufficient capacity available for your intended NMD increase. On receipt of your NMD increase application letter, our simple Budget Quotation takes approximately 3 months max to process and finalise your application.**
- If there is not sufficient capacity, the process to follow then (timing)? **As things stand, there is sufficient capacity but will be checked, verified and confirmed by our Planning prior approval of your NMD increase.**
- Is Eskom aware of any future expansion which might limit the available capacity? **Taking from BsB sub, there is no potential key customer applications that Eskom is currently made aware of and you'll be informed should there be any remarkable/sizable LPU/small supply applications. .**

Hope you find the above in order and you welcome to contact me should you need further clarity or confirmation in this regard.

Kind Regards

Caesar Mpanza

Senior Advisor – Top Customer

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E-mail signature with 20 year freedom logo 70%



From: Kruger, Nico [mailto:nico.kruger@tronox.com]
Sent: 14 May 2020 08:12 AM
To: Caesar Mpanza
Cc: Ferdinand Heymann
Subject: Eskom - BsB expansion

Hi

The Tronox strategic project team got approval to continue with the feasibility study for the East OFS project at our East mine. The plan is to start the deeper mining method from 2024.

Current indications are that the NMD might need to be increase to 33.5MVA, but it still depends on final selection of technology and can be higher. This will most probably only concluded early 2021.

The team is also aware that they should try not go higher than 38MVA

From a planning and project risk management point of view, could you give an indication on:

- NMD increase application and approval process (timing and cost)?
- If there is not sufficient capacity, the process to follow then (timing)?
- Is Eskom aware of any future expansion which might limit the available capacity?

If necessary, I can arrange a meeting with the required role players to discuss.

Regards,

Nico Kruger

Asset Improvement Leader, T&I

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From: [Caesar Mpanza](#)
To: [Kruger, Nico](#)
Cc: [Mohapi, Clement](#)
Subject: RE: Eskom - BsB capacity
Attachments: [image001.jpg](#)

Hi Nico,

The Network Planning replied confirming 100% as the acceptable Transformer loading, and further sharing that Caywood Salt normal operating load is 150KVA but I have also requested Sammy Engelbrecht (the Customer Executive in Vredendal) to confirm the contracted NMD for Caywood and also confirm if there are any other customers fed off BraandBaai sub.

Regards
Caesar

From: Kruger, Nico [mailto:nico.kruger@tronox.com]
Sent: 12 August 2019 12:19 PM
To: Caesar Mpanza
Cc: Mohapi, Clement
Subject: Eskom - BsB capacity

Hi

As you know we intent to increase the load at Brand se Baai (BsB) in the future to change the mining methods at our East mine.

The project team is in a process of finalised the additional load reequipments to submit an application for a cost Estimate Letter, but require some broad guidelines to help with technology selection.

What is the prescribed acceptable loading of Eskom supply transformers or can we assume 100% loading and in BsB's case, 40MVA.

Furthermore, we know that Caywood salt works is also being fed from the BsB substation. What is the Eskom agreed MV maximum capacity they can use?

Regards,

Nico Kruger

Asset Improvement Leader, T&I

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