

**From:** Giles Churchill  
**To:** IzakVDM@daff.gov.za  
**Cc:** carina.boonzaaier@acerafrica.co.za  
**Subject:** RE: ESKOM: Proposed lwala project, sekhukhune District Municipality, Limpopo - BACKGROUND INFORMATION AND INVITATION TO PARTICIPATE IN AN ENVIRONMENTAL AUTHORISATION PROCESS (BASIC ASSESSMENT)  
**Date:** 06 June 2019 11:26:06 AM  
**Attachments:** [jmaq007.png](#)  
[jmaq002.png](#)

Hi Izak

Thank you for your email. We will include you and your colleges on the project database so that you are kept up to date on the progress of the environmental authorisation process.

Regards  
Giles

**Giles Churchill**  
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**From:** Lynette Mitchell <[lynette.mitchell@acerafrica.co.za](mailto:lynette.mitchell@acerafrica.co.za)>  
**Sent:** 06 June 2019 11:06 AM  
**To:** 'Giles Churchill' <[giles.churchill@acerafrica.co.za](mailto:giles.churchill@acerafrica.co.za)>  
**Cc:** carina.boonzaaier@acerafrica.co.za  
**Subject:** FW: ESKOM: Proposed lwala project, sekhukhune District Municipality, Limpopo - BACKGROUND INFORMATION AND INVITATION TO PARTICIPATE IN AN ENVIRONMENTAL AUTHORISATION PROCESS (BASIC ASSESSMENT)

**Lynette Mitchell**  
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**From:** IzakVDM <[IzakVDM@daff.gov.za](mailto:IzakVDM@daff.gov.za)>  
**Sent:** 06 June 2019 09:01 AM  
**To:** [publicparticipation@acerafrica.co.za](mailto:publicparticipation@acerafrica.co.za)  
**Cc:** NdinaM <[NdinaM@daff.gov.za](mailto:NdinaM@daff.gov.za)>; MulaloSU <[MulaloSU@daff.gov.za](mailto:MulaloSU@daff.gov.za)>; MiyelaniN <[MiyelaniN@daff.gov.za](mailto:MiyelaniN@daff.gov.za)>  
**Subject:** RE: ESKOM: Proposed lwala project, sekhukhune District Municipality, Limpopo - BACKGROUND INFORMATION AND INVITATION TO PARTICIPATE IN AN ENVIRONMENTAL AUTHORISATION PROCESS (BASIC ASSESSMENT)

Dear Mr Churchill

I forward this invitation also to my colleagues in the regional and head office units. The regional office has the primary mandate for the licensing if protected trees are affected, and thus also comment inputs, but we support them.

Best regards

Izak van der Merwe

Forestry Scientific Services  
Department of Agriculture, Forestry and Fisheries  
Tel 012-3095771  
Cell 0849102604  
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**From:** ACER - Public Participation [<mailto:publicparticipation@acerafrica.co.za>]  
**Sent:** 03 June 2019 09:12 AM  
**To:** IzakVDM  
**Subject:** ESKOM: Proposed lwala project, sekhukhune District Municipality, Limpopo - BACKGROUND INFORMATION AND INVITATION TO PARTICIPATE IN AN ENVIRONMENTAL AUTHORISATION PROCESS (BASIC ASSESSMENT)

03 June 2019

Dear Mr Izak van der Merwe

**ESKOM: PROPOSED LWALA PROJECT, SEKHUKHUNE DISTRICT MUNICIPALITY, LIMPOPO  
BACKGROUND INFORMATION AND INVITATION TO PARTICIPATE IN AN ENVIRONMENTAL AUTHORISATION PROCESS (BASIC ASSESSMENT)**

**PROJECT BACKGROUND**

Eskom intends constructing a new substation (Lwala Substation) and loop-in and loop-out power lines approximately 3 km west of the Ga Kgoete settlement near Burgersfort in the Greater Tubatse Local Municipality, Sekhukhune District Municipality. The proposed project will provide additional electricity and improve supply to Lwala Mine and surrounding areas where electricity demand is increasing.

The proposed development triggers listed activities in Listing Notice 1 GN.R 983 of 2014, (as amended in GN.R 327 of 2017) published in terms of the National Environmental Management Act (NEMA) (Act 107 of 1998). In terms of the Environmental Impact Assessment Regulations (as amended in 2017), as the listed activities are directly related to the extraction and primary processing of a mineral or petroleum resource, the Department of Mineral Resources (DMR) is the competent authority for the proposed project.

ACER (Africa) Environmental Consultants (ACER) has been appointed by Eskom Holding SOC Ltd (Eskom) as the Environmental Assessment Practitioner to undertake the required environmental authorisation process for the proposed project. This will involve a Basic Assessment (BA). Should a Water Use License be required, an application will be submitted to the Department of Water and Sanitation in terms of Chapter 4 of the National Water Act; 1998 (Act No. 36 of 1998).

## PROJECT LOCATION

The proposed project site is on the farms Forest Hill 117 KT and Clapham 118 KT (Figure 1). The proposed substation is located on Clapham 118 KT. There are two loop-in and loop-out power line alternatives. The preferred alternative (purple line on Figure 1) is located entirely on Clapham 118 KT, with the second alternative (blue line on Figure 1) located partially on each of the farms. [The light blue line on Figure 1 is an existing 132 kV power line (Steelpoort-Twickenham 132 kV power line) to which the substation will connect via the proposed loop-in and loop-out power lines].

See Figure 1 attached: Proposed Lwala Substation and associated loop-in and loop-out power line alternative.

## PROJECT DESCRIPTION

The proposed development will entail the construction of the following project components:

- An approximately 2 km long new WOLF power line for the loop-in power line from the existing Steelpoort-Twickenham 132 kV power line to the proposed Lwala Substation.
- An approximately 2 km long new WOLF power line for the loop-out power line from the proposed Lwala Substation to the existing Steelpoort-Twickenham 132 kV power line.
- Construction of the new proposed Lwala Substation located on Lwala Mine property with a footprint approximately 2.5 ha.
- Construction of 2 x 132 kV feeder bays at the Lwala Substation.
- Construction of 2 x 40 MVA 132/33 kV transformers and 2 x 33 kV feeder bays at the Lwala Substation.

## ENVIRONMENTAL AUTHORISATION PROCESS

Environmental authorisation is being sought from DMR in terms of the National Environmental Management Act, 1998 (NEMA) (Act No. 108 of 1998) and the 2014 Environmental Impact Assessment Regulations GN.R 982 (as amended in 2017).

The proposed project triggers listed activities in Listing Notice 1 GN.R 983 of 2014 (as amended in GN.R 327 of 2017) and, therefore, requires the undertaking of a Basic Assessment which involves technical studies and a process of public participation.

Listed activities from Listing Notice 1 GN.R 983 of 2014 as amended in GN.R 327 of 2017 triggered as a result of the proposed project are provided in Table 1.

Table 1 Listed activities triggered by the proposed Lwala Project

Activity Number (GNR 983 as amended in GN.R 327 of 2017)	Activity Description
11	<p>The development of facilities or infrastructure for the transmission and distribution of electricity—</p> <ul style="list-style-type: none"><li>(i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts; or</li><li>(ii) inside urban areas or industrial complexes with a capacity of 275 kilovolts or more;</li></ul> <p>excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is —</p> <ul style="list-style-type: none"><li>(a) temporarily required to allow for maintenance of existing infrastructure;</li><li>(b) 2 kilometres or shorter in length;</li><li>(c) within an existing transmission line servitude; and</li><li>(d) will be removed within 18 months of the commencement of development.</li></ul>
27	<p>The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for—</p> <ul style="list-style-type: none"><li>(i) the undertaking of a linear activity; or</li><li>(ii) maintenance purposes undertaken in accordance with a maintenance management plan.</li></ul>

## PUBLIC PARTICIPATION

The purpose of this letter is to provide you, as an Interested and/or Affected Party (I&AP), background information on the proposed development and to invite you to submit concerns, issues or suggestions. These will inform the assessment and application to DMR. I&APs will be afforded the opportunity to review the Draft Basic Assessment Report prior to its submission to DMR.

Please complete the enclosed comment sheet and return it to the ACER Public Participation Office by **02<sup>nd</sup> of July 2019**.

Please contact the Public Participation Office to obtain further information:

**Please note that consistent with GNR 326, 42(a), 44 (1) and 19(1)(a) (7 April 2017) all comments received will be captured in a Comments and Responses Report which will be made available to the competent authority and which will be placed in the public domain as part of the public review process of the Basic Assessment Report.**

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We look forward to your participation and the successful completion of the Basic Assessment.

Yours sincerely,

Mr Giles Churchill  
**ACER (Africa) Environmental Consultants**  
Environmental Assessment Practitioner

**ESKOM: PROTJEKE YA LWALA E ŠIŠINYWAGO MMASEPALENG WA SELEGAE WA SEKHUKHUNE, LIMPOPO  
TSEBIŠO E OKETŠEGILEGO LE TALETŠO YA GO TŠEA KAROLO GO MOGATO WA TUMELELO YA LEFELO (TLHAHLOBO E TLWALEGILEGO)**

**KAKARETŠO YA PROTJEKE**

Eskom e ikemišeditše go hlama seteše se senenyane (Lwala Substation) le mokgwa wa go tsenya le go ntšha mohlaga mo e ka bago dikhomithara tše 3 ka bodikela bja motse wa Ga-Kgoete

kgauswi le Burgersfort Mmasepaleng o Mogolo wa Selegae wa Tubatse, Mmasepaleng wa Sekhukhune District. Protjeke yeo e šišinywago e tla nea mohlagase o oketsegilego le go kaonefatša tšweletšo ya Mmaene wa Lwala le mafelo a kgauswi moo mohlagase o tšwelago pele o nyakega ka boati.

Go hlanguwa ga protjeke ye go tla kgoma mediro e lego go Listing Notice 1 GN.R 983 (bjalo ka ge e fetotšwe ka go GN.R 327 ya April 2017) e phatlaladišwego go ya ka Melao ya Taolo ya Tikologo ya Boditšhaba (NEMA) (Act 107 ya 1998). Se se dumelana le Melao ya Tihahlobo ya go Diriša Tikologo (ka ge e fetotšwe ka 2017), ka ge e le mediro e bontšhitšwego e tswalana ka go lebanya le go epšwa le go dirišwa la mathomo ga dimenerale goba methopo ya petroleum, Lefapha la Dimenerale (DMR) le lona le ikarabelelago ka protjeke ye e šišinywago.

ACER (Africa) Environmental Consultants (ACER) e abetšwe ke Eskom Holding SOC Ltd (Eskom) e le Mohlanka wa go Hlahloba Tikologo go phetha mogato wa tumelelo ya tikologo bakeng sa protjeke e šišinywago. Se se tla akaretša Tihahlobo e Tlwaelegilego (BA). Ge go ka hlokega Laesentshe ya go Diriša Meetse, go tla romelwa fomo go Lefapha la Meetse le Keelatlšhila go ya ka melao ya Kgaalo 4 ya Molao wa Meetse wa Boditšhaba; 1998 (Act No. 36 ya 1998).

#### LEFELO LEO PROTJEKE E ŠIŠINYWAGO GO BA GO LONA

Lefelo leo protjeke e šišinywago gore e be go lona ke dipolasa tša Forest Hill 117 KT le Clapham 118 KT (Seswantšho 1). Lefelo leo seteše se senyenyane se šišinywago go ba go lona ke Clapham 118 KT. Go na le mekgwa e mebedi ya go tsenya le go ntšha mohlagase lefelong le. Mogkwa o ratwago kudu (o mophepholo go Seswantšho 1) o dutše ka mo go feletšego go Clapham 118 KT, mola mekgwa wa bobedi (o motalalerata go Seswantšho 1) o dutše go se nene go dipolasa tše ka bobedi. [Mothaladi o motalalerata go Seswantšho 1 ke diphaephe tša mohlagase tša 132 kV (Steelport-Twickenham 132 kV power line) moo seteše se se senyenyane se tlogo go kgokaganya ka mekgwa wo wa go tsenya le go ntšha mohlagase].

#### Seswantšho 1 Seteše se Senyenyane se se šišinywago le mogkwa o sepedišanago le ona wa go tsenya le go ntšha mohlagase

#### TLHALOSO YA PROTJEKE

Mogato wo o šišinywago o tla akaretša go hlanguwa ga megato ye ya protjeke:

- WOLF ya dithapo tša mohlagase e ka bago dikilomithara tše 2 ka botelele gore go tsenywe le go ntšha mohlagase go tloga lefelong la go feha mohlagase kua Steelport-Twickenham 132 kV go ya go Seteše se Senyenyane sa Lwala.
- WOLF ya dithapo tša mohlagase e ka bago dikilomithara tše 2 ka botelele gore go tsenywe le go ntšha mohlagase go tloga Setešeng sa Lwala seo se šišinywago go ya go lefelong la go feha mohlagase la Steelport-Twickenham 132 kV.
- Go agwa ga Seteše se sefsa sa Lwala seo se lego kgauswi le Mmaene wa Lwala wa monabo wo e ka bago 2.5 ha.
- Go agwa ga 2 x 132 kV feeder bays Setešeneng sa Lwala.
- Go agwa ga ditransforma tša 2 x 40 MVA 132/33 kV le 2 x 33 kV feeder bays Setešeneng sa Lwala.

#### MOGATO WA GO HWETŠA TUMELELO YA LEFELO

Go kgopelwa tumelelo ya lefelo go DMR go ya ka Melao ya Taolo ya Tikologo ya Boditšhaba, 1998 (NEMA) (Act No. 108 ya 1998) le Melao ya Tihahlobo ya Tikologo ya 2014 GN.R 982 (ka ge e fetotšwe ka 2017).

Protjeke ye e šišinywago e kgoma mediro e bontšhitšwego go Listing Notice 1 GN.R 983 (ka ge e fetotšwe ka go GN.R 327 ya 07 April 2017), ye e akaretšago go phetha Tihahlobo e Tlwaelegilego ya go akaretša dithuto tša seteginiki mo megato ya setšhaba ya go tšea karolo.

Mediro e bontšhitšwego go Listing Notice 1 GN.R 983 ya 2014 ka ge e fetotšwe ka go GN.R 327 ya 2017) yeo e kgongwago ke protjeke ye e šišinywago e bontšhwa go Karolo 1.

#### Karolo 1 Mediro yeo e kgongwago ke Protjeke e šišinywago ya Lwala

Nomoro ya Modiro (GN.R 983 ka ge e fetotšwe ka go GN.R 327 ya 2017)	Tihaloso ya Mošomo
11	<p>Go kaonefatšwa ga meago ya infrastrukšha gore go tšweletšwe go abja mohlagase—</p> <p>(i) ka ntle ga metsetoropo goba meagong ya kgwebo yeo e ka fihlago go 33 eupša e sego ka tlase ga 275 kilovolts; goba</p> <p>(ii) ka gare ga metsetoropo goba meagong ya kgwebo yeo e ka fihlago go 275 kilovolts goba go feta;</p> <p>ntle le go kaonefatšwa ga diphaephe tša infrastrukšha gore go sepedišwe le go tšweletša mohlagase moo diphaephe tša infrastrukšha—</p> <p>(a) di nyakegago ka nakwana gore go kaonefatšwe infrastrukšha e lego gona ga bjale;</p> <p>(b) di lego botelele bja dikilomithara tše 2 goba ka tlase;</p> <p>(c) di lego ka gare ga mekgwa wa go fetiša mohlagase woo o ithekilego ka se sengwe; le</p> <p>(d) di tlogo go tlošwa pele go fela dikgwedi tše 18 ka morago ga go thongwa ga protjeke ye.</p>
27	<p>Go hlwekišwa ga lefelo la monabo wo e ka bago 1 hectares goba go feta, eupša ka tlase ga 20 hectares lefelo la dibjalo, ntle le moo go tlogago go nyakega gore go tlošwe lefelo leo la dibjalo bakeng sa—</p> <p>(i) gore go epšwe gomme go šongwe ka tlase ga mabu; goba</p> <p>(ii) merero ya go lookiša ka go dumelana le thulaganyo ya taolo ya go lokiša dilo.</p>

#### GO TŠEA KAROLO GA SETŠHABA

Morero wa lengwalo le ke go go nea wena, bjalo ka Motho/Mokgatlo woo o Kgongwago (I&AP), tsebišo e oketsegilego ka mogato wo o šišinywago le go go laletša go re romela dilo tšeo o tswenyegilego ka tšona, maikwelo goba ditšhinyo. Se se tla tsebiša DMR ka maikwelo a gago le kgopelo ya gago. I&AP e tla nwa sebaka sa go hlahloba Lengwalo la Pego ya Tihahlobo pele e romelwa go DMR.

Hle tlatša karolo yeo e tšentswego lengwalong le gomme o e bušetše go Dfosi tša ACER Public Participation ka **02 July 2019**.

Hle ikgokaganye le Ofisi ya Public Participation gore o hwetše tsebišo e oketsegilego:

Hle ela hloko gore ka go dumelana le GNR 326, 42(a), 44 (1) le 19(1)(a) (7 April 2017) maikwelo ka moka ao re tla a hwetšago a tla tsenywa go Pegong ya Dikarabo le Maikwelo yeo e tla hwetšagalago go bao ba nago le maikarabelo gomme ya bewa go tomaine ya batho bohle e le karolo ya tihahlob ya batho bohle ya Pego ya Tihahlobo ya ya Kakaretšo.


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Re fela pelo ya go go bona o tšea karolo e bile go phethwa Tlhahlobo ye ya Kakaretšo.

Modudigotee le lena,

Mr Giles Churchill  
**ACER (Africa) Environmental Consultants**  
Environmental Assessment Practitioner

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